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e:XL 26



e:XL 25



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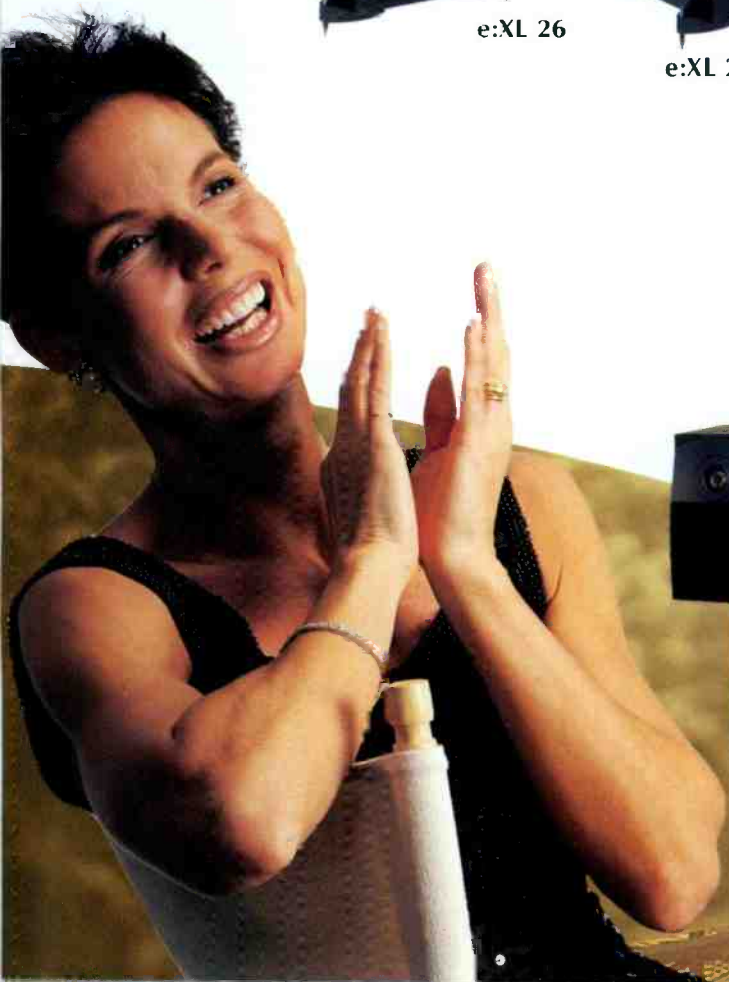


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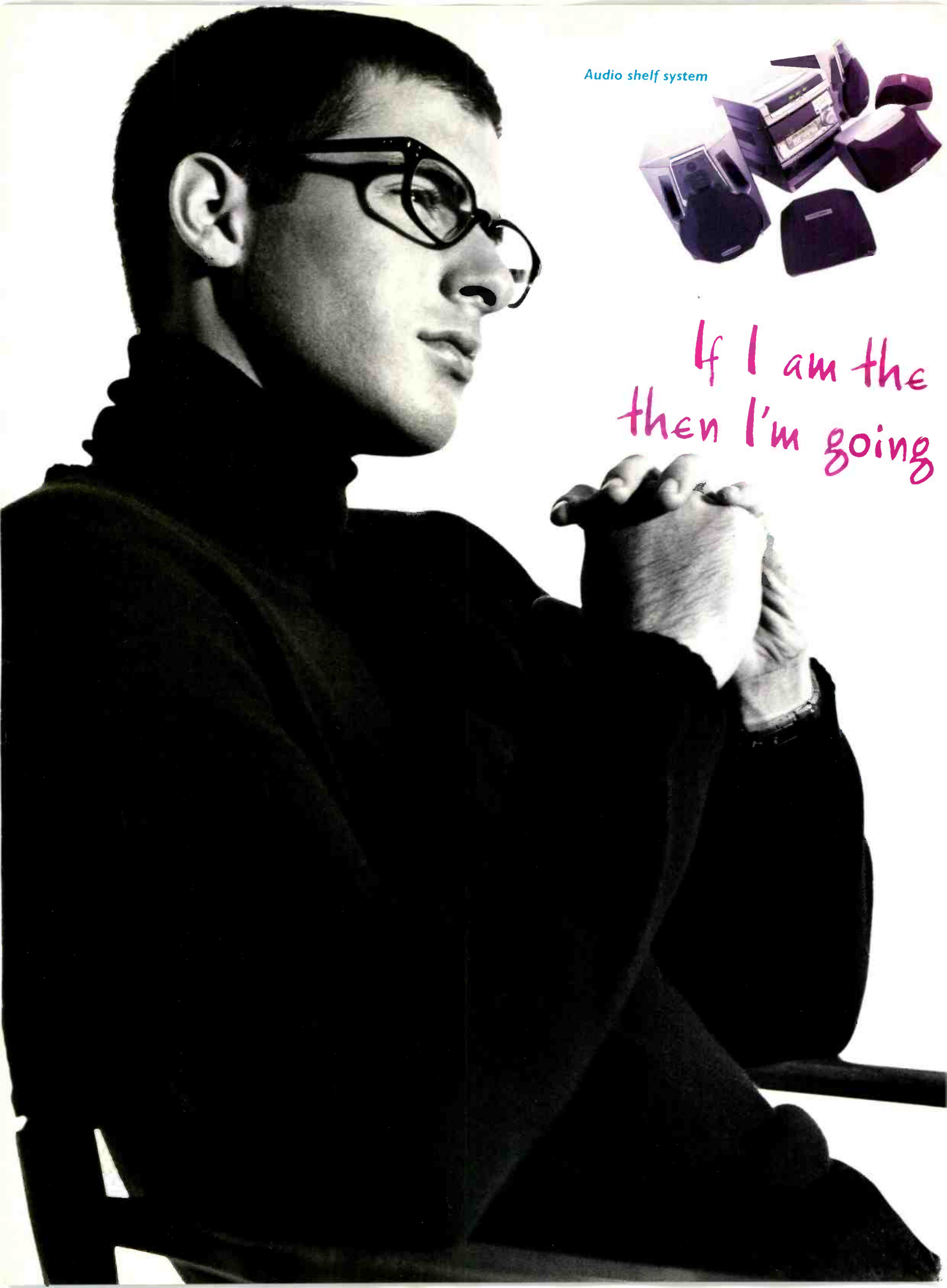
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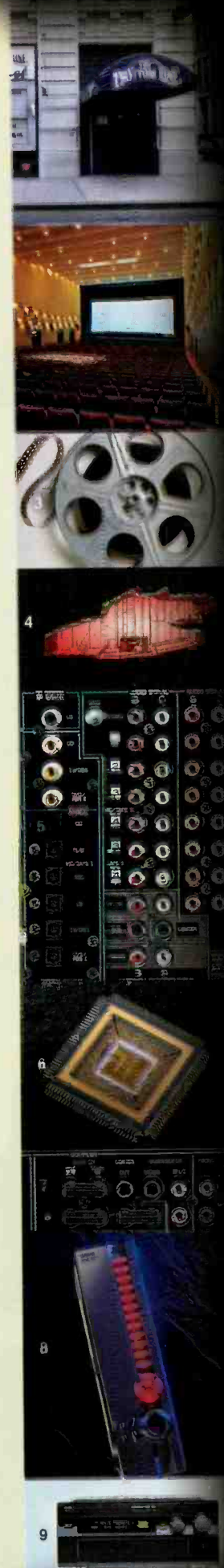
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 1633 Broadway, New York, N.Y. 10019  
 Editorial E-Mail: audiomag@aol.com



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CIRCLE NO. 2 ON READER SERVICE CARD

There are various ways by which an idea can achieve wide acceptance. One is just for it to be asserted repeatedly until people assume that it *must* be true. I am sure all of us harbor a lot of beliefs based on no more than that. It's almost inevitable, as none of us has the time to investigate everything we read or are told.

Still, I'm sometimes amazed by how strong an influence this is in audio. There is an astonishing amount of conventional audiophile wisdom that on close examination proves to have no, or very wobbly, underpinning. I have accumulated my own favorites over the years: "Belt-drive turntables sound better than direct-drive." (To the extent this might be true, I think it has more to do with the soft spring suspensions of the best belt-drive tables, which could be replicated in a direct-drive system.) "Tube and transistor amplifiers sound different because of differences in their characteristic harmonic-distortion spectra." (Good, modern examples of either type of design produce too little distortion for it to be heard at all, much less for the distribution of its components to affect the sound.) "Analog is still better than digital"—amazingly, a current favorite of *The New York Times* when it deigns to report on hi-fi. Granted that digital audio has improved somewhat over the years, but I would say that it was already demonstrably superior to analog in terms of fidelity by the time the Compact Disc was introduced. Yet even then, the drumbeat had begun. I remember appearing with David Ranada on a New York radio program shortly after CD came on the market. Eventually we played one, and the host was flabbergasted at the quality. He told us that based on what he had read, he had been expecting something that sounded rather primitive!

Prejudices die hard, however, and if digital is inferior, compressed digital must be downright substandard—an attitude not difficult to come by these days, especially with reference to Dolby Digital (AC-3). It's been repeated over and over. But is it justified? It's understandable that audiophiles would be concerned about the sound quality produced by lossy compression schemes (also known as data-reduction or perceptual-coding systems). Theory, which suggests it should be possible to do quite a bit of data reduction without creating audible artifacts, is one

thing; practice is sometimes quite another.

My first encounter with perceptual coding was via the Digital Compact Cassette (DCC) and MiniDisc (MD). I was rather skeptical of both initially, but it became apparent after a while that the PASC encoding system used in DCC was either perfectly transparent or close enough to be very, very difficult to detect. And though early versions of MD's ATRAC compression system were not quite that good, it has evolved to the point where users are similarly hard-pressed to hear any ill effect from it. So I consider it established that audio data reduction *can* work well enough to satisfy even experienced, critical listeners.

But is Dolby Digital that good? A few months ago, in conjunction with a producers' conference on multichannel music recording, Dolby Laboratories conducted some comparisons of five-channel recordings in uncompressed and Dolby Digital format. In the demonstration I attended, the source was a DA-88 digital cassette (48-kHz, 20-bit, if I remember correctly) of some music by Alan Parsons played raw and through a Dolby Digital encode/decode cycle at a data rate of 448 kilobits per second (which happens to be the highest AC-3 data rate supported by DVD). Levels were carefully matched, and since the encoding and decoding were being done on the spot, it was possible to switch instantly between the two. The speaker array was a very nice all-M&K setup.

The result was very similar to my experience with PASC, in that I quickly lost track of which selection was compressed and which was uncompressed, even when I controlled the switching myself. This parallels the reports of other people I know who have experienced this sort of direct comparison. And though I can't say that it proves Dolby Digital is perfectly transparent, I feel confident in saying that it can't be far off. The audible difference between compressed and uncompressed, if there is any, is surely smaller than that between, say, two excellent phono cartridges. So if you've been worrying about the sound of Dolby Digital, my advice would be to stop, no matter how many times you've heard how bad it has to be.



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*Tony Catalano 212/767-6061*

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## LETTERS

### Credit Where Due

I read with interest David Lander's interview with Andy (Petite) Kotsatos, "Proper Bostonian," in the August issue. In one question, Lander states: "It's tempting to compare some of these Boston-area audio manufacturing companies to the turn-of-the-century European aristocracy, a group of people who were quite often related to one another. We can trace the corporate genealogy as easily as we can that of the English monarchs: AR spawned KLH, KLH spawned Advent, etc. To push the comparison, King Henry VIII had six wives, and Henry Kloss, the most important professional influence on the Boston school and on you, has so far had five companies: AR, KLH, Advent, Kloss Video, and Cambridge SoundWorks. How and when did you meet him?"

Lander's preamble implies that Henry Kloss founded and owned AR as well as KLH and the others. To borrow that writer's expression, this statement "pushes" the truth. Kloss was certainly an important professional influence on the Boston School, but he did not have five companies as implied in this statement. He was a co-founder of AR but was a minority stockholder. Lander's version is analogous to the old rumor floating around that Kloss (1) invented the acoustic-suspension loudspeaker and (2) created the AR-1 speaker system. This claim, most likely created by advertising copywriters, found its way into advertisements and literature from KLH to Advent to Cambridge SoundWorks. In defense of Kloss, he stood up at an AES meeting a few years ago and acknowledged Ed Villchur as the sole inventor of the acoustic-suspension loudspeaker.

In the early 1950s, Edgar Villchur designed and patented the acoustic-suspension loudspeaker (U.S. Patent 2,775,309). The patent was later contested by an envious competitor, but there is no doubt whatsoever that Villchur was the inventor of the acoustic-suspension loudspeaker. At about this time, Kloss was a student in Villchur's New York University evening college class on sound, electronics, and acoustics. After lis-

tening to Villchur's prototype acoustic-suspension speaker, Kloss realized the importance of this invention. Acoustic Research was formed in 1954 with Villchur as majority shareholder, president, patent holder, and director of research and Kloss as vice president and plant manager. The renowned AR-1 was the first commercial loudspeaker produced by AR. In the company's early development, Kloss certainly played an important role in mechanical design and production engineering of the AR-1 and AR-2 (he left AR in 1957 to form KLH). But in every sense of the word, Acoustic Research is synonymous with Edgar Villchur and was his company.

Tom Tyson  
High Point, N.C.

### Optical Stylus Addendum

The optical-fiber stylus system for record playback you describe in the September "Spectrum" ("New Reader for Old Records") is not limited just to vertical modulations. It works equally well for lateral modulation and can also read stereophonic modulation. All this can be achieved by suitable signal processing or by varying the orientation of the semiconductor position detector.

This system is meant for professional use. It is built by hand on special order and costs about \$10,000.

Philippe Robert  
Federal Institute of Technology (EFPL)  
Lausanne, Switzerland

### Right On Corey!

Boy, Corey Greenberg couldn't have been more on the money with his August "Front Row" column, "The Basement Tapes." All of the Audiophile Dorks (I'm one) who think that hi-fi is more than a passive hobby are kidding themselves. For the most part, you sit there like a blob and listen to some great music and sound. This is part of the reason some audiophiles prefer turntables to CD. They allow you, as Greenberg puts it, something to "dick around with."

If you really want to have an active hobby in audio, you should get an MDM, a board, and a couple of mikes and really have some

fun. Even if you can't play an instrument, there are computer programs that let you create music without knowing how to play, or find some friends or co-workers that play and record them.

When I feel like being an Audiophile Dork I fire up my 'stats and enjoy. But when I want some "active" fun, I become a Project Studio Geek and wail away. *Peter Tellone  
San Diego, Cal.*

### Questioning Our Objectivity?

Corey Greenberg has adamantly opposed the Divx format for quite some time. I kept wondering why.

This weekend, while cruising through a local mall, I saw a promotional video for DVD featuring, you guessed it, none other than Corey Greenberg ("DVD is the greatest advance in Audio...").

Maybe DVD folks just stroked his ego, or maybe they rubbed his palms with silver, but don't you think it would be editorially honest to announce to your readers that there is a relationship between the magazine and those who promote the format? Frankly, it raises questions about editorial objectivity. *Bernard Kingsley  
via e-mail*

*Editor's Reply:* An easier, not to mention more innocent, explanation is that the video simply gave Greenberg another opportunity to tell people how great DVD is. He opposes Divx because he thinks it's a stupid idea. I feel the same way on both counts and would happily have said so for the camera, if asked, without requirement of any special relationship—M.R.

### Super Audio Thanks

I want to thank *Audio* for the excellent article about 96-kHz/24-bit music recordings on DVD ("96/24 on DVD," July). Not only did it capture the essence of our *Super Audio Collection & Professional Test Disc* (Chesky CHD-VD171), but it is also nice to be recognized for making the future of high-end audio available today.

Thanks also for the review of my *Three Psalms for String Orchestra* (Chesky CD163). Today, being a classical composer is almost like being a freak in a carnival show. *David Chesky  
Chesky Records  
New York, N.Y.*

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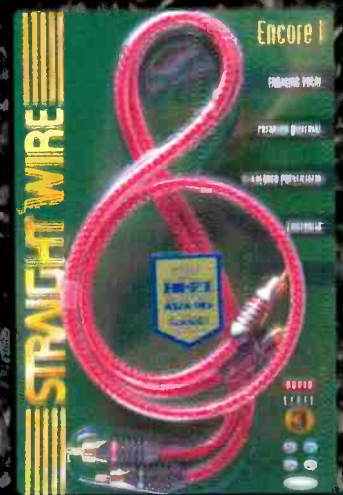
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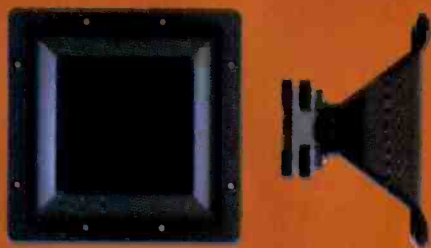
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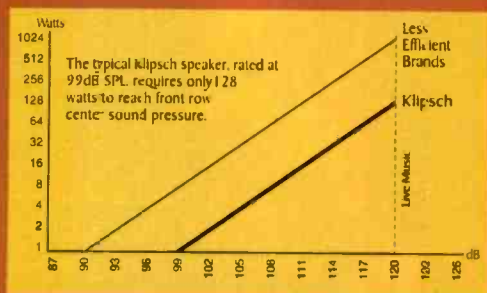
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- Phase coherent crossover networks deliver three-dimensional imaging and a deep soundstage.

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## AUDIO CLINIC

JOSEPH GIOVANELLI

### Power Amplifier Performance

**Q** Do high-current power amplifiers perform better? Do special transformers, special output devices, etc., make any difference to performance? What components and design philosophies should I look for?—Dan Payne, APO AEO

**A** Amplifiers that can deliver high current are well suited for driving low-impedance loads without overheating or shutting down. But that's no guarantee of good performance in other respects, such as frequency response or distortion.

I like to see an amplifier have frequency response flat to 100 kHz, for example, but that doesn't tell the whole story. Again, we need to know all of its specs.

Power transformers can make a difference, and hefty ones (which are expensive) give me the overall impression that the manufacturer has quality in mind. A heavy transformer probably has enough iron in its core to achieve the needed inductance with fewer turns of wire. That means lower DC resistance from the wire and therefore less of a voltage drop in the windings when the amplifier is called upon to supply lots of output power. A heavy transformer can have heavier wire too, which also lowers DC resistance and power losses.

When I listen to an amplifier, loudspeaker, or what have you, I usually do not care what its design philosophy is. I want to hear it and know that its sonic performance suits me. I might eventually be curious enough to know what's in the box. An amplifier can be made with the finest available parts, but if its basic design is flawed in some way, it can still sound poor.

### How Low Does It Go?

**Q** How low can the low-frequency effects (LFE) channel of a Dolby Digital system go? If I buy a pair of conventional speakers with a rated frequency response of 35 Hz to 22 kHz,  $\pm 3$  dB, can I forgo the use of a subwoofer? How much low end will I be giving up? And can tower speakers with built-in subwoofers reproduce the signals from the LFE channel?—Name withheld

**A** Lots of movie soundtracks have bass extending down to 40 Hz; some have bass in the 30-Hz region, and the occasional blockbuster has information below 30 Hz. Almost none has bass lower than 25 Hz.

From the specs you've supplied, the speakers you're thinking of buying most likely would be 3 dB down at 35 Hz—perhaps  $-6$  dB at 30 Hz, with little usable output below that frequency. Though their low-frequency output capability won't be as great as a powered subwoofer in, say, the \$600 price range (such a sub might typically produce strong bass to about 27 Hz), your proposed main speakers would nevertheless create the *impression* of good low bass, which may be enough. Except for pipe-organ pedal notes, they would certainly reproduce the lowest frequencies of most musical instruments, e.g., a string bass (about 42 Hz) and a grand piano (about 30 Hz).

Still, the very lowest frequencies—the ones that rattle the floor and shake the walls and are really more felt than heard—would be absent. Reproducing those ultra-low frequencies at an impressive level and with relatively low distortion requires plenty of power, diaphragm area and cone excursion, and (usually) enclosure volume. Therefore, a powerful, separate subwoofer is almost a necessity.

On the other hand, I have heard several new tower speakers that have large 12- and 15-inch side-firing woofers powered by big internal amps, which deliver substantial output to the 25-Hz region. Keep in mind, however, that placing them in a room for optimum low bass response may be trickier and more awkward than simply positioning a separate subwoofer in a corner (usually the best place to energize the greatest number of room modes). If you consider a subwoofer, make sure its bass response is better

If you have a problem or question about audio, write to Audioclinic at AUDIO Magazine, 1633 Broadway, New York, N.Y. 10019, or via e-mail to Audioclinic@aol.com. In the event that your letter is chosen to appear in Audioclinic, please indicate if your name or address should be withheld. Please enclose a stamped, self-addressed envelope.



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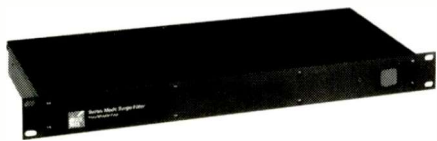
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than that of your main speakers. I have heard some subs that produce solid bass to 35 Hz, but nothing below that.

To obtain strong output below 25 Hz usually requires a separate, powerful, often servo-controlled sub in the \$1,000 to \$2,000 range. Only you can decide whether that amount of low-frequency extension is worth the investment—and it may be if you're a pipe-organ enthusiast. To help you decide, audition subwoofers at different prices with a good test CD or DVD.

### Leave It On

**Q** *My audio system seems to sound best when I leave my components on all the time, especially the power amplifier. Is there any validity to this and, if so, why?—Ben Chiaro, New York, N.Y.*

**A** I have also found that some solid-state power amplifiers sound best if left on all the time or at least allowed to warm up for half an hour before listening begins. The bias on the output stage tends to vary during the warm-up period and doesn't reach its optimum point until the equipment has been on a while. So distortion may be higher before the amp is warmed up. Manufacturers therefore make their final adjustments only after the equipment has been run for an appropriate amount of time.

I have not noticed a need to warm up other devices.

### Lights Out

**Q** *The other day, when my old receiver was playing, I thought I smelled something but wasn't really sure. Everything seemed fine, and the performance is as good as ever. But now, no matter whether the unit is on or off, its indicator lights stay lit. Is there a way to fix this problem, or must I live with it? Is this a sign of problems down the road?—Name withheld*

**A** I don't know your receiver, but I'll bet its front-panel power switch doesn't really turn the receiver off but puts it in standby mode, probably to keep its remote-control sensor alive. If that's the case, the receiver's rear panel may carry a conventional switch, wired directly in series with the power cord, which would shut down the entire receiver, lights and all. This switch (if it exists) may not be easy to reach, however.

Obviously, some internal component that would ordinarily shut off the indicator lights has failed, and that failure may have been caused by the failure of other components in the circuit. Unplug the receiver and open it up. You may be able to see what components have burned out, or smell them by sniffing around. Then, depending on how handy you are, you should either get a service manual for this unit and fix it yourself, take it to a competent service shop, or have the manufacturer tell you what to fix. Either way, you'll have to call the manufacturer for the manual, the names of local service shops, or advice.

### Subwoofer Connections

**Q** *Is it okay to connect an audio receiver directly to the input terminals of a subwoofer?—Ed Cox, Blounts Creek, S.C.*

**A** It all depends on what type of subwoofer you have and whether that sub has its own crossover. The crossover is needed to ensure that the sub reproduces only low frequencies, which it is designed for.

Passive subs (which have no built-in amps), have terminals designed for hookup to an amp's or receiver's speaker output terminals. If the sub has a built-in crossover, you connect your receiver directly to the sub's input terminals; if not, you'll need an external crossover (which may be available from the sub's manufacturer).

Passive subwoofer crossovers, whether built-in or external, typically have input terminals for the left and right channels, so both channels' bass will reach the subwoofer. They also commonly have output terminals to feed your "satellite" (main) speakers. The crossover also affects those terminals, ensuring that these other speakers have to handle only the frequencies that the subwoofers do not.

Active, or powered, subwoofers, with amps built in, usually have line-level input jacks, although they may have speaker terminals in addition. You can feed these jacks from preamp outputs whose level is affected by the volume control, if your receiver has one (you can't use a tape output). Doing so may give you slightly cleaner bass, but will disable the sub's speaker level outputs, if it has any. If that's the case, you'll need to use the subwoofer's line-level high-pass crossover to feed the amplifiers driving the main speakers or to provide a separate

crossover to keep bass out of the signals going to the main speakers.

If your sub has no crossover, you'll need an external one. A passive crossover can be placed between your receiver's speaker outputs and an active or passive sub's speaker input terminals. An active ("electronic") crossover can be used between a preamp output and an active sub's line inputs.

In any of these setups, you'll need to take care that the crossover between your sub and your main/satellite speakers is not only at the right frequency but at the right relative level as well, so the bass will neither be too soft or too loud. Most subwoofers and crossovers have level controls to help you achieve this.

### Do MiniDiscs Fade? Or Does MiniDisc Improve?

**Q** I just bought a MiniDisc recorder. To check its performance, I made an MD dub from a CD, then compared that to a pre-recorded MD of the same album that I'd had for four years. Surprisingly, my copy sounded noticeably better than the pre-recorded version. Does the quality of MD recordings fade with time?—Name withheld

**A** On the contrary, your older disc is probably just as good as it has always been. But over the few years of MiniDisc's availability, the ATRAC (Adaptive Transform Acoustic Coding) scheme used in making MD recordings has improved. Apparently, the ATRAC version in your recorder is audibly better than the one used by at least one record company four years ago.

### Burying Your Bass

**Q** I'd rather put my subwoofer in the wall than have it sit out in the room. What problems might that cause?—Name withheld

**A** Several, but they're mostly soluble—as long as your subwoofer fires all its sound in one direction. Many, perhaps most, have rear- or downward-firing vents or passive radiators, whose bass contributions will be largely lost if you bottle them up. A few, however, are specifically made for in-wall mounting, and I believe there's at least one that mounts in your floor.

Before cutting into your walls, check how the woofer sounds in several places along the wall or walls you're considering. Try to use the location where the woofer sounds best and blends best with the rest of your system.

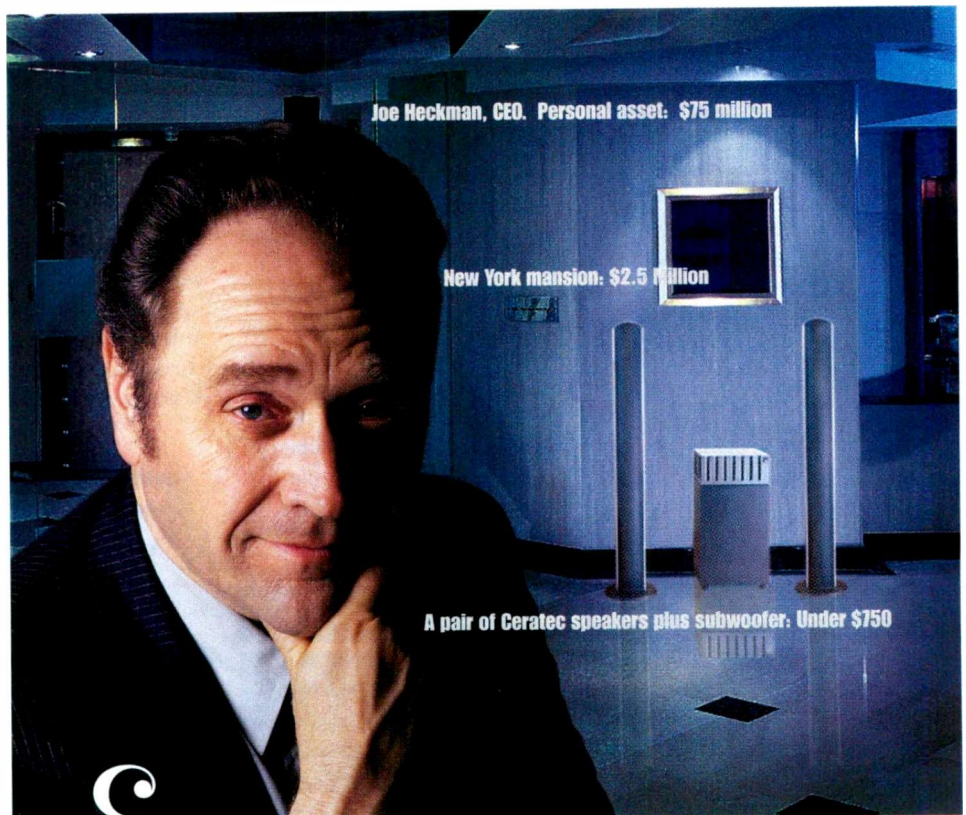
Putting a woofer in your wall makes its bass more audible on the other side of that wall than it would be otherwise. Make sure this won't cause problems with neighbors or other family members.

At subwoofer frequencies, you needn't worry about most furniture blocking the sound, but you do need to make sure your sub isn't firing into something that might rattle, such as a bookshelf full of knick-knacks.

If the subwoofer is deeper than your wall, make sure that any protruding portions

won't be in the way. A woofer that backs into a closet will create a bit less disturbance in the adjoining room than one that pokes through a wall and will look less obtrusive.

Be aware that wall mounting may make your sub's controls unreachable. If that's the case, you might consider using an electronic crossover, placed with your system's other components, and using that to control the frequencies and levels of the signals sent to the woofer. Should you do this, turn your woofer's crossover off or set it to as high a frequency as possible. **A**



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# WHAT'S NEW

## PARADIGM SPEAKERS



The full-range Monitor 90P and 70P use built-in 140-watt amplifiers to power, respectively, dual 8-inch and dual 6½-inch woofers. The high-current amps have woofer level controls, active low-pass filters, auto-sensing power on/off, soft clipping, and

thermal protection circuitry. The speakers use identical 1-inch titanium dome tweeters and 6½-inch midrange drivers with polypropylene cones. Rated on-axis frequency response is ±2 dB from 25 Hz to 20 kHz for the 90P; the 70P's on-axis response is 30 Hz to 20 kHz, ±2 dB. Prices: \$1,499 and \$1,199 per pair, respectively, for the 90P and 70P, in light or dark cherry or black ash. (Paradigm, c/o AudioStream, 905/632-0180) For literature, circle No. 200



## Mission Powered Sub/Sat Speaker

Said to be the world's first home audio speaker to use NXT's flat-panel speaker technology, the x-Space consists of two flat, thin satellite panels 8½ x 12 inches and a laptop-computer-size subwoofer with an internal three-channel amp. Unconventional in design,

the light, flat satellite panels use tiny transducers to generate complex vibration modes over its surfaces, yielding a frequency range rated at 200 Hz to 20 kHz. Integral mounting brackets enable the panels to be angled optimally, free-standing, or wall- or ceiling-mounted. Price: \$899.

(Mission, c/o Denon, 975/575-7810)

For literature, circle No. 203

## PLATINUM AUDIO SPEAKERS

Intended for home theater use, the magnetically shielded PT Series consists of the dual-ported, floor-standing PT-808; the PT-801, a compact two-way speaker (shown at rear, on stands); and the slightly

larger PT-806, a two-and-one-half-way system that can double as a center-channel speaker (left, on stand). Price: \$1,500 for five-piece system. (Platinum Audio, 603/647-7586) For literature, circle No. 201



## PSB SPEAKER

Using a two-and-a-half-way ported design, in which two 6-inch woofers operate together but with one's response extending into the mid-frequencies, the Stratus Bronze is said to realize some of the best features of a three-way system with less complexity and at lower cost. The Bronze also has the same 1-inch aluminum-dome tweeter used in the Stratus Gold and Silver speakers. The 37-inch-tall speaker is available in dark cherry or black ash vinyl finishes. Price: \$1,099 per pair. (PSB, 905/831-6555) For literature, circle No. 202



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some customizable, while buttons for channel selection, volume, and muting remain available at all times. The Pronto comes preprogrammed with a set of common commands, plus can learn commands from other remotes and be programmed directly via an RS-232 port. A 1-megabyte nonvolatile memory holds these commands and macros that perform multiple commands. Stored commands are saved if the batteries are removed. Rechargeable batteries are also available as an option. Price: \$349. (Philips, 888/486-6272) For literature, circle No. 204

## INTERACTIVE LABS FIVE-CHANNEL AMP



With five channels rated at 200 watts each into 4 or 8 ohms—1,000 watts total at 0.01% THD—the Fatboy is said to be ideal for Dolby Digital (AC-3) home theater systems. Fatboy's features include separate input-level controls for each channel, LED level displays, temperature-

regulated fan-cooling, gold-plated input and output connectors, monoblock HEX-FET amps, and a remote DC trigger in/out connector for remote turn-on of ancillary equipment. Price: \$1,999. (Interactive Labs, 800/977-4888) For literature, circle No. 205

## Sonic Frontiers CD Transport

Sonic Frontiers' CD Transport 3 features a five-blade iris opening (shown here) that serves as its access hatch. Beneath the hatch is a Philips cast-aluminum drive mechanism with a three-rail laser assembly. It rests on a milled aluminum alloy plate, 5/8- to 1-inch thick, within a 14-gauge steel chassis, with internal and external

damping. The Transport 3's master clock synchronizes to external D/A converters that use the I<sup>2</sup>S-Enhanced interface, which keeps clock and data on separate lines to minimize jitter. The transport also has five digital outputs. A machined-aluminum remote control is included. Price: \$6,999. (Sonic Frontiers, 905/829-3838) For literature, circle No. 206

## Wireworld Cable Comparator



The Wireworld Cable Comparators enable you to perform listening tests of speaker and interconnect cables to see what effect they may have on your audio system's sound. Using either the Interconnect Comparator or Speaker Cable Comparator, users can compare cables to one another or to an ultrashort bypass. The Interconnect Comparator may also be used to compare

preamps or signal processors or to select any of three source components. A Volume Control Module can be used with the Interconnect Comparator when it's docked to your audio components for bypass comparisons. Prices: Interconnect Comparator, \$600; Volume Control Module, \$600; Speaker Cable Comparator, \$1,200. (Wireworld, 954/962-2650) For literature, circle No. 207

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*Model 88* also uses techniques like bi-amplification and electronic contouring (a technique pioneered by Henry Kloss) to create a natural, accurate octave-to-octave tonal balance over the entire range of music. And its FM tuner outperforms even "high-end" receivers.

We think *Model 88* sounds better than many, many compo-

nent stereo systems. It even includes two sets of stereo inputs, so you can connect it to a CD player, tape deck, TV or computer.

## Continuing A Tradition Of Performance.

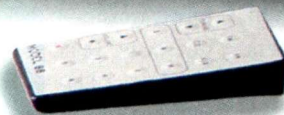
Henry Kloss created a new category of audio product – the FM table radio – when he introduced the KLH Model Eight in 1963. He further refined the concept with the Advent Model 400 FM radio in 1974. Both the KLH and Advent radios became classics. If you'd like to hear the next classic from



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## PIPEDOWN PIPES UP FOR PEACE & QUIET

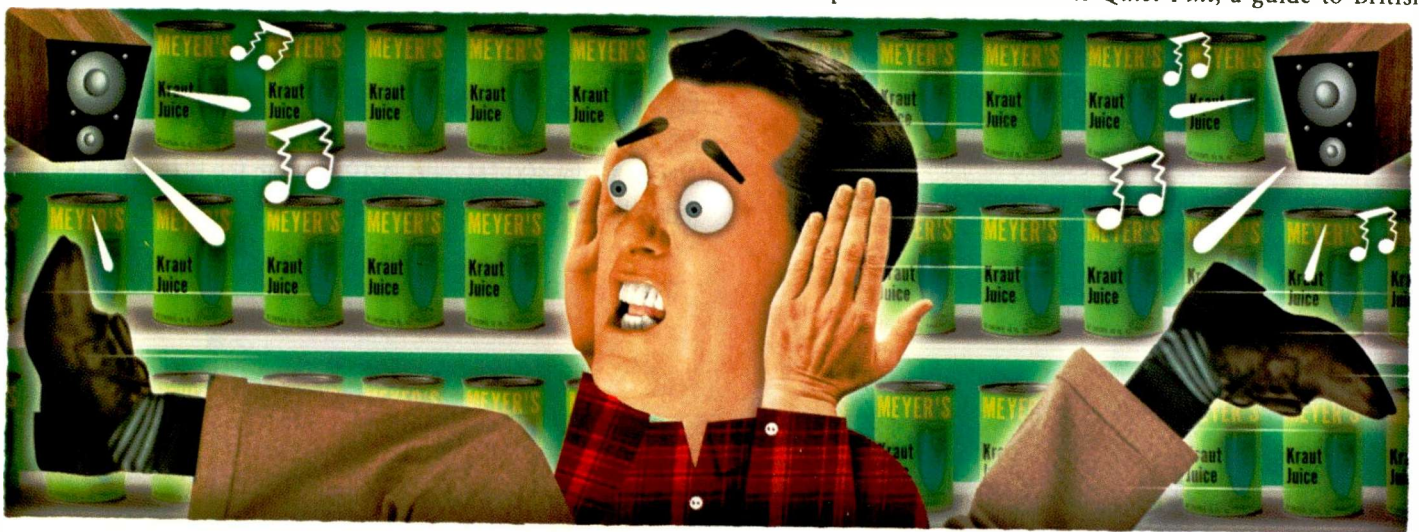
**M**usic you want to hear is a delight; music you don't is just more noise pollution. And unwanted music you cannot avoid is even worse. But nowadays, canned background music seems literally inescapable, filling every bar, restaurant, hotel lobby, aircraft, and

could buy anything. (I love *Tosca*—when I choose to hear it.) Rather than moan in private, I decided it was time to protest in public and started Pipedown, the Campaign against Piped Music.

By 1994 we'd grown big enough to persuade the management of London's Gatwick Airport to conduct a

varied, one person's heavenly harmony is too easily another's hellish din. Piping music 'round a public place where it is not otherwise expected (and it rarely is, except in music stores or themed bars) almost guarantees some people will hate it, irrespective of sound quality or the sort of music chosen. The promise, or threat, that specific types of music can be "tailored" to suit specific types of customers and boost sales is highly suspect. In Britain, many of the most successful stores have given up piped music.

Pipedown now has thousands of members around the world and sister branches in Germany, Holland, Ireland, and South Africa. We issue *The Quiet Pint*, a guide to British



Illustrations: ©John Ueland

## PIPEDOWN

shopping mall the world over, flowing down the phone, sometimes even being relayed outdoors by speakers in the trees. Object to it, no matter how politely, and you risk being labeled an objectionable freak, part of a minuscule minority.

But I discovered otherwise, to my relief, in 1992. It started when I objected to piped music in a London restaurant and the waiters refused to turn it down, even though the other diners agreed with me that it was a pain in the ear. Then, the tones of *Tosca* warbling through the stacks drove me from a bookstore before I

major survey of travelers' attitudes toward music that's piped into public areas. Of the 68,077 surveyed travelers, who came from all around the world, only 44% of them disliked piped music—but only 34% liked it. (The remaining 22% were indifferent.) Gatwick has since stopped the music with no complaints.

Piped music, it appears, annoys more people, and annoys them more deeply, than it can ever please. In these multicultural times, when tastes in music have never been more

pubs that don't play background music. Knowing they're not alone, members are frequently emboldened to complain in person about undesired music; for those too shy to do

**PIPED MUSIC  
ANNOYS MORE PEOPLE  
THAN IT CAN EVER  
PLEASE, AND ANNOYS  
THEM DEEPLY.**

so, we supply four types of cards, ranging from an angry red one that requests "Please turn down the piped music filling your premises" to a congratulatory blue "Thank you for not having piped music." But our letter-writing campaigns, which helped prod Britain's two biggest supermarket chains



(Tesco and Sainsbury) into abandoning piped music, are even more important.

We don't campaign against live music of any sort and never discriminate between styles of music. Our sole aim is to restore to individuals the freedom not to hear another's choice of music in public places. Encouragingly, many musicians have joined our cause: Yehudi Menuhin, the cellist Julian Lloyd Webber, the pianist Alfred Brendel, conductor Simon Rattle, jazz musician George Melly, and less well-known names from the rock and folk worlds. Famous people from other walks of life also support us. Many music teachers belong as well, because they find that, with music pumped nonstop everywhere, it is very hard to get their students to actually listen to music.

There is a medical aspect, too. In January 1995 the *Proceedings of the British Psychological Association* published a study of piped music's effects on more than 200 blood donors at the University Hospital of Nottingham, England. The researchers dis-

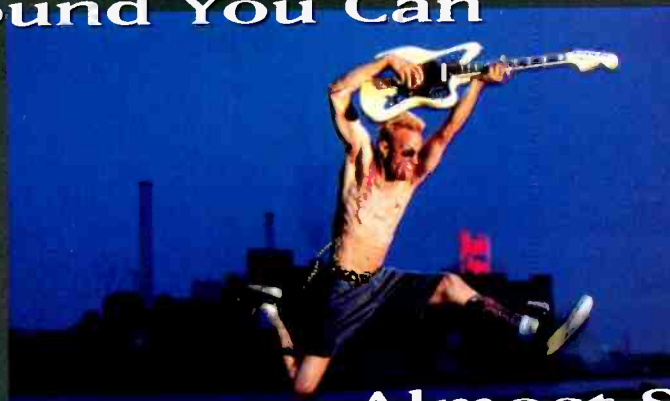
### BOOMBOX PHYSICS

Wave theory. Thermodynamics. Optics. Electricity. Magnetism. Enough abstractions there to make a college freshman's eyes glaze over—unless you relate them all to something the students are already interested in.

Hence, Stereo Physics, a hands-on course taught last year at the University of Oregon by instructor Stanley Micklavzina. Micklavzina showed how wave theory applies to sound from speakers ("one of the things that worked best in the course," he says), the way thermodynamics affects heat transfer within stereo components, the optical principles involved in CD play, and how electricity and magnetism work in tape decks and tuners.

The course was a seminar, designed as an intimate, involving contrast to the big, more impersonal lectures typical of freshman courses everywhere. Though not on the schedule of classes this academic year, Stereo Physics is expected to return soon. "But it wouldn't have been quite as successful," Micklavzina says, "if we hadn't gotten lots of help from The Fabulous Tweeter Brothers, a local speaker company here in Eugene."

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Corey Greenberg, *AUDIO MAGAZINE*  
August 1997

"... recordings made with the DSM system do indeed throw a (remarkably) believable stereo soundfield when played back through a pair of loudspeakers... The results were astounding. Shockingly real sounding and as musically involving as any recording on any source I've ever had in my home."

Art Dudley, *LISTENER MAGAZINE*  
Autumn, 1996

"Project studios in search of creating new dimensions with ambient recordings are prime for DSM mics."

Ty Ford, *RADIO WORLD*  
November 27, 1996

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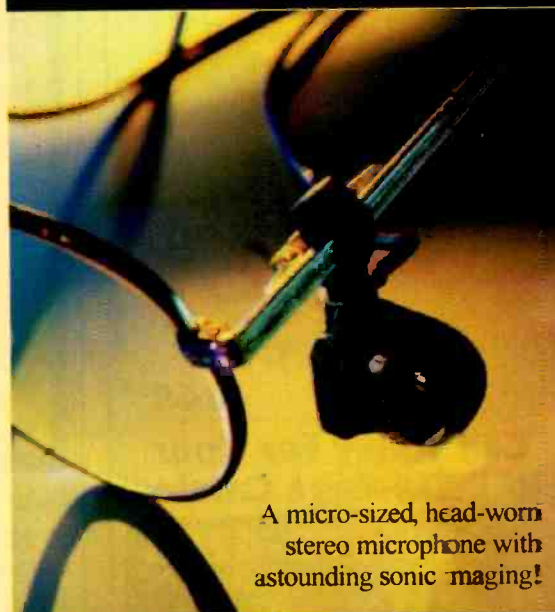
Russell Brower, *Sound Engineer*  
*FILM & VIDEO*, August, 1992

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Bill Koepnick, *Sound Designer*  
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## HEADPHONES FOR THE HOSPITAL

The best present you can bring most hospitalized music lovers is a headphone stereo. With headphones, they can hear good stereo in any position, without bothering roommates or being bothered by most outside sounds.

If you have a suitable stereo around the house, bring it over. But if you're buying a new one just for a hospitalized friend, try to keep the patient's special needs in mind.

Hospital patients are often weak, fuzzy-minded, and restricted by intravenous and other tubes, at least for part of their stay. An ideal stereo would, therefore, be easy to manipulate and control—small and light, but with big buttons instead of

little ones that have to be pressed in with fingernails. The buttons should also be clearly marked, not black on black.

For a very ill patient, radio is a better medium than tape, CD, or MiniDisc (assuming there's decent reception in the patient's room); it eliminates the physical effort of loading and unloading cassettes or discs and much of the mental effort of deciding what to listen to. To make things even easier, look for a digitally tuned model with automatic station-seek controls (preferably one that searches up and down the dial) and preset memories for your friend's favorite stations. If you want to be a real pal, find what those favorite stations are and load them into memory before you bring the stereo to the hospital.

As the patient recovers enough for boredom to set in, he'll want the chance

to play recordings, so he can choose what he hears and when he hears it. Tape, at this point, is probably the most practical choice (but get an auto-reverse model, which halves the tape fumbling). Tape players are compact enough to share the patient's bed, so there's no need to reach through the bed rail with an IV-encumbered hand to get at a player on the bedside table. Cassette boxes

are also easier to open than CD jewel cases.

MiniDisc shares most of these advantages, but there's another reason I'm suggesting tape: Patients' possessions are often susceptible to being stolen, because so many people can go in and out of hospital rooms

while the patient's sleeping or elsewhere for tests. Cassette players, being cheaper, are probably a bit less likely to be stolen and a lot easier to replace if they are.

Battery life and weight are trade-offs. The smaller and lighter the unit, the fewer batteries it will contain, and the more often it will need new ones. Many hospitals don't let patients plug their own devices into the power lines, unless you've checked first, don't bother sending along AC adaptors (but bring fresh batteries when you visit) and avoid rechargeable stereos that don't also provide for the use of regular batteries.

When you're in bed, the most comfortable headphones are those that lie flat against the ear, with few protuberances. If you find a good stereo whose headphones don't quite fill the bill, you can substitute other 'phones.



covered that piping music to donors before they gave blood made them more nervous, and more depressed afterwards, than having no music. Noise pollution is known to raise blood pressures and depress immune systems. Equally important, people with hearing problems—from tinnitus (ringing in the ears) to plain deafness—find piped

music an extra noise burden. And rising noise levels are making more people deaf, at ever younger ages.

Further information is available from Pipedown, The Cottage, Moorhatches, West Amesbury, Wilts SP4 7BH, England, or via e-mail at [pipedown@btinternet.com](mailto:pipedown@btinternet.com). The organization also has its own Web

## Y2K FEVER

There are times when 16 bits *really* aren't enough. In computing's early days, when memory was sparse, programmers saved space by encoding year dates with just 16 bits, two 8-bit digits. In the years 98 and 99, no problem—but computers now must be taught that 00 is the year following—2000, not 1900. Enough has been written about this year-2000-compliance problem (Y2K, for short) that a Bose speaker owner asked the company whether his speakers would still work in the year 2000.

If anyone asks you that question, I can suggest an answer: Tell them to test it by playing the soundtrack album from *2001: A Space Odyssey*.

page: [www.btinternet.com/~pipedown/](http://www.btinternet.com/~pipedown/).

Nigel Rodgers

(Editor's Note: I once complained to the manager of my local supermarket that his piped music that day was painfully distorted. But when I suggested he turn it off until the system was fixed, he replied: "But we have to leave it on to make the customers happy."—I.B.)

## RABINOW'S RAINBOW

Jacob Rabinow, the inventor of the Rabco straight-tracking tonearm, received a Lifetime Achievement Award for invention earlier this year from the Lemelson-M.I.T. Awards Program. But, as the award's name signifies, he's invented a lot more than that.

Rabinow's career as an inventor started at age 8, when he unwittingly reinvented a rock-throwing weapon that the ancient Romans had called the ballista. Now, 80 years later, he can boast 230 U.S. patents, for products as diverse as clocks, letter-sorting machines, bomb-throwing devices, check readers, venetian blinds, and nutcrackers. His personal Rabco turntable includes a strobe device (never commercialized) for reading an LP's label while the record plays.

According to a story in *The New York Times*, he remains fond of the Rabco arm—even though, unlike some of his other inventions, it lost money for him.

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## BIG TIME

**Mordaunt-Short's MS812 is part of its M800 series featuring elliptical woofers.**



**A** wise (or maybe wizened) colleague persists in reminding me that it takes months or even years for current information to trickle down to street level. To illustrate, he pointed out that he was receiving letters addressed to the previous editor at his publication some 10 years after that gentleman had retired.

In the same vein, there are still those who swear that the British: (1)

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make only small bookshelf loudspeakers, which are (2) conventional or boring. Oh, and the British are still afraid of bass. I've already written about REL in this column, so you know that the last observation plainly is just no longer true, but let's discuss some new products that will counter the first two.

Ruark, which, admittedly, is guilty of making the odd speaker or two that can be delivered without the use of a forklift, has been producing its own brand of high-end speakers for quite some time—models that could be accused of some Italian influence but that bristle with novel touches. For example, I loved the idea of putting a loudspeaker's crossover in its pedestal and was also dazzled by the means of connecting it by using that same sort of gigantic multi-core umbilical cord found in studios. Or between a Peterbilt and its trailer.

**THE SOLSTICE LOOKS LIKE IT BELONGS IN A ROOM WHERE CIGARS ARE SMOKED AND BRANDY IS SNIFFED.**

Ruark's new Solstice, though not exactly a tower, suggests the kind of mass that should appeal to an American audience; and—had I not seen its style of woodwork on its siblings—I'd have guessed it hailed from the States. It joins the family in between the Equinox and flagship Excalibur loudspeaker systems, part of the Sterling Reference series. I don't suppose anyone had the heart to tell them that Rover pretty much flushed the name "Sterling" down the tubes a decade ago, but enjoy it while you can: Before long, British currency will cease to be *pounds sterling*. Somehow, the Ruark Euro Reference doesn't have the same ring.

Despite its compact dimensions when compared to, say, a Wilson SLAMM, the Solstice imparts a sense of real substance because the cabinetry eschews the feminine/feline

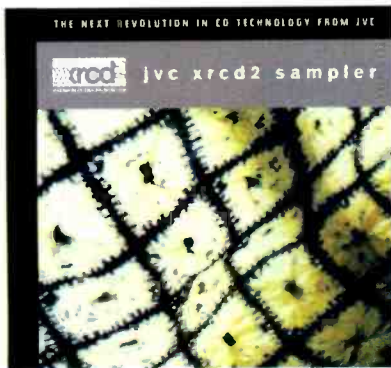
**Ruark's new Solstice comes in a yew finish.**



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*Don Keele, Audio, August 1998*

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*Michael Fremer, SGHT, June 1998*

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mien of too many '90s designs. This speaker, though, looks like it belongs in a room where walls are paneled, cigars are smoked, and brandy is sniffed. And it boasts the right sort of ingredients for those who find they have grown tired of politically correct/green

wussyware. This is a Real Man's Speaker—a three-way, four-driver floor-standing "reference monitor," with its drivers housed in two (not one) enclosures per column. But that's as it should be, for Solstice derives its topology, engineering details, and design elements from the acoustically damped, multiple-enclosure cabinets featured in the other Sterling designs.

It's either a carpenter's dream or nightmare, depending on one's familiarity with the offerings of both Black and Decker. Both the upper enclosure, containing the mid and treble drivers, and the woofer-bearing lower enclosure wear side panels of unique differential double-layer construction, with front and rear baffles 1¼-inch thick. Inside, the company installed multiple braces and contoured acoustic foam to create a system that is almost totally inert and free from coloration.

So maybe it *is* becoming standard practice above a certain price to isolate the mids and tweeters from the woofers. But then the British have been doing this for years. Or did I imagine those tweeters perched atop elder KEFs? The Solstice's upper enclosure is isolated from the lower by elastomer supports. Housed inside are the crossover components, because the designers believe that they should be freed from exposure to the magnetic radiation emitted by the large magnet assemblies of the bass drivers. You probably thought it was simply the "good housekeeping" of isolating the crossover elements from the effects of vibration from the woofer section.

The Solstice's drivers include a ¾-inch hand-treated, silk-dome tweeter fitted with a ferrofluid cooled and damped aluminum

The MS821C is Mordaunt-Short's new center-channel speaker.



voice coil. Below it is a massive 3-inch treated fabric dome midrange driver with vented center magnet and 3-inch aluminum voice coil. These connect to the 15-element, hard-wired crossover operating at 500 Hz and 4 kHz, for which Ruark specified the finest audio-grade polypropylene capacitors, precision ceramic resistors, and air-cored inductors.

All the internal wiring is high-purity, oxygen-free silver—including the trademark umbilical cord between the upper and lower cabinet. Access is through WBT-made ¼-inch binding posts, Germany's finest. The Solstice can be bi- or tri-wired

or, for those enjoying a surfeit of amplifiers, bi- or tri-amplified. At the rear of the upper cabinet are twin toggle switches that provide independent attenuation of both the midrange and high-frequency

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units to allow further fine-tuning regardless of the source or the room acoustics. Or—horrors!—accommodate personal preference.

All of this perches on top of a lower enclosure fitted with "twin gas flowed forward-firing reflex porting" to extend bass response. Because the ports face forward, installation is easier: You really don't have to worry too much about the wall behind the speakers. Above and below the ports are 7-inch rigid, air-dried, treated pulp paper cone woofers assembled on precision die-cast, low-reflection chassis. Fitted to these are long-throw 1½-inch, four-layer voice coils. This bass enclosure also has its own pedestal, as well as further isolation and stability achieved through custom-made cone assemblies.

So much for the key ingredients. What they combine to offer is a frequency response

of 40 Hz to 20 kHz +1, -3 dB in free space conditions—surely enough for most American installations. The Solstice should be a fairly easy drive, too, because the nominal impedance is 8 ohms and the sensitivity a respectable 89 dB for 1 watt at 1 meter. But people dropping \$9,500 on a pair of speakers probably aren't short of a few watts.

More important, in all likelihood, is the perceived value. All of the preceding features are shoehorned into a box measuring 45 inches in height by 10 inches in width by 16.5 inches in depth and finished in real wood veneers like beech, rosewood, and walnut. Yew, solid colors (including piano black lacquer) or lacquered veneers are optional. Oh, and each speaker weighs in at a substantial 110 pounds.

So can we now put to rest the notion that the British are obsessed with small boxes?

For a touch of novelty—besides the ongoing saga of the NXT flat-panel speaker—you should turn to Mordaunt-Short's new MS800 series. Actually, it's not a case of novelty so much as of revivalism. Or, even more bizarrely, of emulating certain car hi-fi designs. For Mordaunt-Short has gone, er, elliptical.

After three years' worth of R&D, the company has created a new range of elliptically shaped drivers said to improve upon the performance of conventional, circular-driver technology. This time around the ovals have molded polypropylene cones. Mordaunt-Short argues that its elliptical design offers "better room compatibility, sharper dynamic response, reduced coloration, realistic imaging, and enables slim attractive cabinets to be used without compromising bass response."

In keeping with modern trends—inspired by the proliferation of both weedy single-ended triodes and A/V receivers—the 800 series speakers boast sensitivity of 90 dB at 1 watt or better. As is the fashion in certain circles, the 800s also sport anodized gold-dome tweeters, but of a new in-house design. It will be amusing to see if certain ultra-protective champions of gilded tweeters attempt to rattle Mordaunt-Short's cage.

All of this newness comes at a reasonable price, assuming economies of scale. The series has been launched with three models, including the MS812 two-way bookshelf/stand-mounted model, the MS814 two-way floor-standing model, and the MS815

three-way, floor-standing model. And, believe it or not, a voyage across the Atlantic hasn't proved punitive. Prices are, respectively per pair, \$450, \$700, and \$1,000. Further up the scale will be the MS816 floor-stander at \$1,400 and the MS817 for \$1,800. Home theater elements include the MS823R surround speaker for \$450, the MS824D dipole for \$900, and the MS821C center-channel for \$300.

The philosophy behind the elliptical diaphragm is that the dual-plane symmetry and shape of the ellipse offer reduced cone breakup and smoother, controlled rolloff. The non-sonic benefit is the ability to use a slim cabinet while still fitting a driver with a large radiating piston area. Furthermore, the company feels that the elliptical shape, because of its larger vertical (as compared to its horizontal) dimension, has a narrower dispersion characteristic in the vertical plane, to reduce the strength of floor and ceiling reflections, while maintaining wide dispersion in the horizontal plane. For the listener, this means improved imaging, soundstaging, detail, and clarity.

Despite the reasonable prices, the 800 series speakers bristle with high-tech touches, not the least being a new elliptical woofer basket manufactured from high rigidity, glass-filled nylon. It was engineered using predictive "3-D" modeling software, which enabled the company to predict the location of stress points and weaknesses and modify them in the design stage. The result is a low-vibration, rigid structure that is said to improve bass clarity and timing. Other details include hard-wired drivers for superior electrical contact with minimal loss of signal, black ash cabinets with cherry baffles, gold-plated connectors suitable for bi-wiring and—I have to admit—knockout styling.

Are we talking about a revolution? No. This is actually the norm in the United Kingdom. We've also got the recently launched Nautilus derivatives from B&W, the forthcoming flood of revised Quad electrostatics, a rumored cylinder (as per the legendary JR149) coming from Arcaydis, an LS3/5A fighter from AVI, Tannoy's wild and wonderful Churchill, complete with a caricature drawing of Winston with his signature cigar, and, well, the list is interminable.

But if you still want to go on believing it's all small two-ways here in Britain, well, be my guest.

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- Two element 12 dB/octave 2.6kHz crossover
- Polyfoam surround

Orig '249  
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**JVC HA-D990**  
Stereo Headphones

- 24Kt gold-plated headphone plug
- Oxygen-free copper wires for signal cord
- Voice coils with copper clad aluminum wires
- Soft comfortable ear cushions
- FR: 5-27,000Hz, 65 ohms
- Adjustable headband

Orig '119  
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**JBL L5**  
Tower Speaker

- 4-Way speaker system • 350W Power handling
- 8" Low frequency driver • 6-1/2" Midbass driver
- 1" Pure titanium high frequency driver
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- FR: 35Hz-27kHz • Black ash wood finish

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EQ Fourteen  
Graphic Equalizer/  
Spectrum Analyzer

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Orig '299  
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**Studio Tech ZR06**  
Component Rack

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- Rigid steel frame construction
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Combining NAD's legendary 310 integrated amplifier and the award 410 winning tuner. The amp has 20 ampere peak current capability and is stable down to 2 ohms • 20W/Ch RMS at 0.03 THD + 5.5dB headroom (1HF 8Ω)

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# NOTHING BUT NETFLIX



**W**ith the unprecedented avalanche of bad press Circuit City has received for Divx—its bottom feeding, head-up-its-ass pay-per-view DVD format—it would be downright cruel (sadistic, even) to tell you about a new DVD rental service that's so easy to use, so dirt cheap, and so very, very smart in every way that Divx is so very, very dumb. This service may as well be the last nail in Divx's coffin.

But what the hell! Let's cue up the *Caligula* DVD, grease our arms up to the elbows, and thrust our clenched fists into a salute to the emperor of open DVD rentals—NetFlix!

Or should I say, NetFlix.com. This online DVD rental store is to movie

lovers what amazon.com and CDnow are, respectively, to book and music lovers: the very definition of a no-brainer. Man, do I love this online shopping stuff! Any time I think of a book or CD I wish I had, I just go online and order them with a few mouse clicks. And it's always for less than what I'd pay if I got in my car and drove across town to Borders or Tower.

Now, with NetFlix, I rent DVDs just as easily and cheaply. And I do mean cheaply—try \$4 a disc (plus \$2 shipping) for a whole week! Plus, if

**NETFLIX IS TO MOVIE  
LOVERS WHAT  
AMAZON.COM AND  
CDNOW ARE TO BOOK  
AND MUSIC LOVERS.**

you rent three discs at a time, it's only \$15 total to your door and back to NetFlix, period, done, sold.

So let's get this straight: Circuit City wants you to pay a premium for a Divx-equipped DVD player, then shell out \$5 for a disc that will play for only two days before a \$3.25 "re-play" fee kicks in every time you want to watch it again, is available only in cropped pan-and-scan picture format, doesn't carry 5.1-channel audio, and lacks any of the cool supplemental material, like director's commentary, multiple languages and subtitles, interviews, and extra footage that make DVD such a movie lover's dream. Suddenly I feel less like Caligula and more like that poor guy who had to get up on the table on his hands and knees, raise his tunic, and accept Caligula's best wishes for a very happy marriage.

Renting a DVD for \$4 from NetFlix, on the other hand, doesn't require you to have a special player. Any standard DVD player will do. The discs are open DVDs, so you get all the advantages, including a widescreen 16:9 image, Dolby Digital 5.1 sound (for movies released with 5.1-channel soundtracks), and all the great supplemental material. And unlike a Divx disc, a NetFlix

rental is good for a full seven days, after which you either return the disc or keep it and pay the difference up to the normal sale price

(most discs are \$19.95). Is this cool or what? Why the hell would any moron buy a Divx player when there's such a thing as NetFlix service?

The first time you visit NetFlix at [www.netflix.com](http://www.netflix.com) (this being the '90s, the service is Web-only—in other

Illustration: John S. Dykes



# Now we know.



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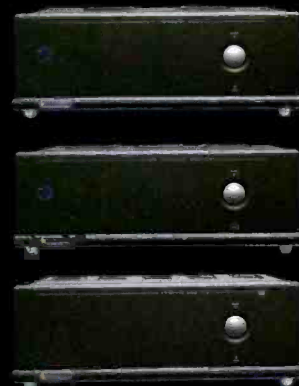
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words, no telephone orders), you can set up your own account with your name, e-mail address, and credit card info. Then every time you visit the site after that, NetFlix automatically recognizes who you are and stands at the ready, waiting for you to select from the more than 1,500 titles on hand. When you rent DVDs, NetFlix sends you an e-mail that same day indicating when the discs will ship. Orders received by 4 p.m. Eastern Time (1 p.m. Pacific Time), for example, go the same day, while those received on weekends or holidays will be shipped the next business day. Delivery normally takes just two or three days.

And the price is definitely right. Rent one or two DVDs and they're \$4 each. After that, NetFlix knocks a buck off every additional DVD you rent in an order. So, renting three discs is \$11, four discs is \$14, and so on. And shipping's cheap, too—just \$2 for the first DVD and a buck a disc after that, up to a maximum of \$5 no matter how many DVDs you rent in a single order. You can rent four DVDs or a dozen, and NetFlix charges only five clams to ship them to your home and back.

NetFlix even makes sending the DVDs back a no-brainer. When the company sends the discs, it also includes a pre-addressed, prepaid mailer. So when your week's up, you just drop the DVDs in the mailer and stick it in the mailbox. You don't even have to lick any glue—the mailer's got a self-adhesive flap! Unlike Divx, whose promoters seem to have spent a whole lot of time thinking up ways to screw customers at every turn, NetFlix makes the whole process easy from start to finish.

In true Plimptonian fashion, I decided to test the waters with NetFlix before writing it up. So, I went to [www.netflix.com](http://www.netflix.com), spent a minute establishing an account, and rented three DVDs: *Boogie Nights*, *12 Monkeys*, and *Rollerball*. In addition to testing NetFlix's instant rental readiness with a current hit, a

cult fave from a few years back, and an oldie but goodie (and, incidentally, my favorite movie of all time), I chose these DVDs because I happen to love all three movies—a



**I'M SOLD ON NETFLIX.  
ANYONE WHO'S GOT  
A DVD PLAYER SHOULD BE  
USING THIS SERVICE.**

refreshing alternative to the Divx catalog, where I'll be damned if I can find a single title I'd sit through for free, much less five bucks a shot.

Almost immediately after ordering the three aforementioned titles on the NetFlix Web site, I got an e-mail confirmation telling me the DVDs would be sent out that day; two days later I had them in my hands.

NetFlix doesn't mail you the discs in

the usual hard plastic "clamshell" case, but rather in a soft plastic protective sleeve. This is why the shipping's so cheap. If you decide to keep any DVD you rent, like I did, you fire off an e-mail to NetFlix and the company sends you the original DVD box that goes with it. I returned *12 Monkeys* but kept *Rollerball* and *Boogie Nights*. NetFlix promptly sent me the boxes for the latter two as well as an e-mail thanking me for my purchases and letting me know when I could expect the boxes to arrive! You almost expect them to ask if you'd like butter with that, but maybe they do that only when you rent *Last Tango in Paris*.

I'm sold on NetFlix. Anyone who's got a DVD player should be using this great service. I like to encourage people to buy open-DVD players because more and more local video huts are renting DVDs. But even if you don't have one near you that rents the new discs, NetFlix is only a mouse click away, and it's got almost every title. Even as I write this, I just went over to [www.netflix.com](http://www.netflix.com) and ordered *Grosse Pointe Blank*, *Zero Effect*, and *One Flew Over the Cuckoo's Nest*—fifteen bucks and my weekend's set. No wonder open-DVD champion and major Divx-hater Time-Warner has joined Toshiba as a major booster of this service. NetFlix is the best reason yet to let Divx die on the vine. If you've got a DVD player, you've got to check it out. A



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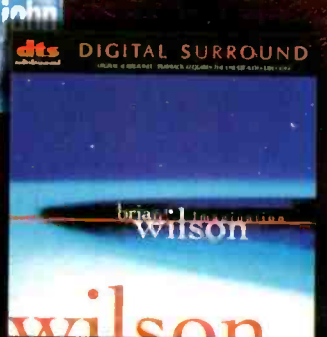
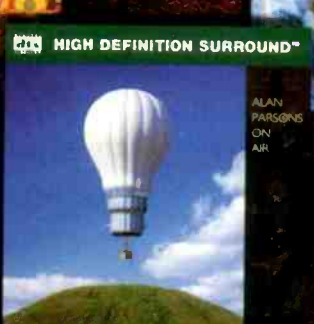
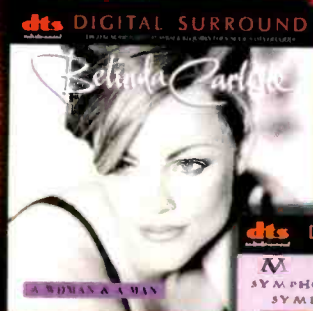
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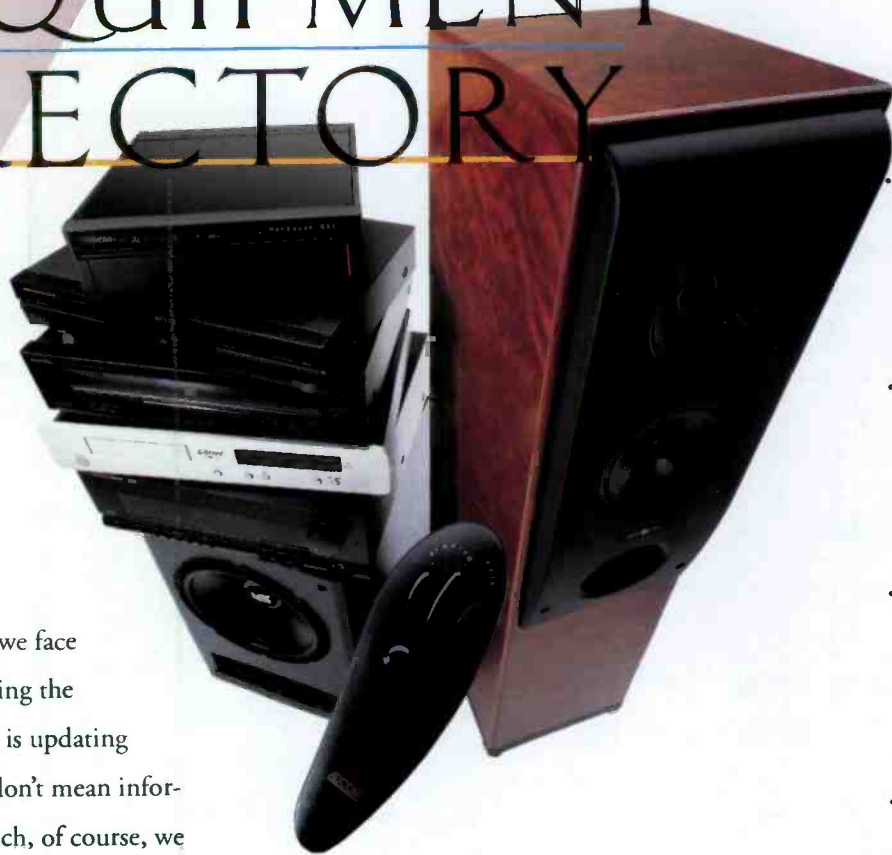
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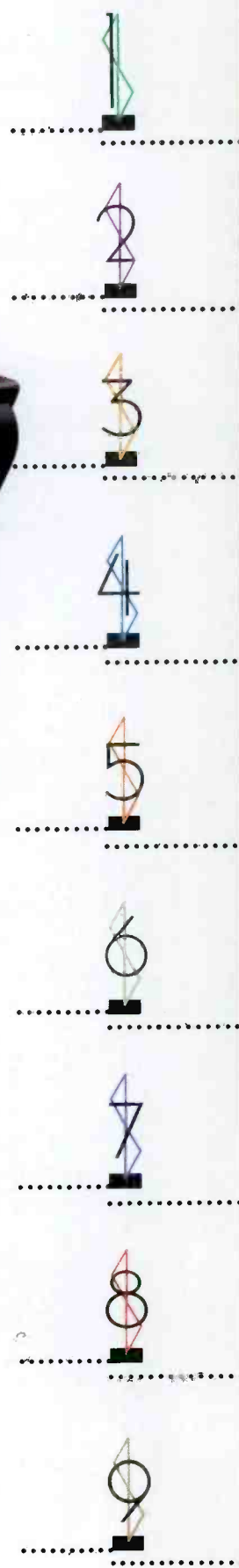
A U D I O

# 41<sup>ST</sup> ANNUAL EQUIPMENT DIRECTORY



**A**mong the challenges we face every year in assembling the Annual Equipment Directory is updating the information we gather. I don't mean information on new products (which, of course, we do have to obtain), but rather changes in the specific information we request from manufacturers. As technology advances, components change to accommodate. New features proliferate, while old ones fade away. Our goal is to provide you with the best and most information that we can fit into the magazine without sacrificing consistency or readability. So every year we re-evaluate the data we supply in every component category. 🎧

**P**robably the two most important changes we made this year are related to digital processing. One was to add a column in the receiver section for number and type of digital inputs. Digital surround decoding is rapidly becoming a standard feature of A/V receivers. That, together with the increasing number of Dolby Digital sources—laserdisc, DVD, DSS, and, starting next month, digital television—has made a receiver's digital-input complement a key piece of



# 41<sup>ST</sup> ANNUAL EQUIPMENT DIRECTORY



CD & DVD PLAYERS  
D/A CONVERTERS



AMPLIFIERS  
PREAMPLIFIERS



TUNERS  
RECEIVERS



TURNTABLES  
TONEARMS  
PHONO CARTRIDGES



HEADPHONES



CASSETTE DECKS  
DIGITAL PLAYER/RECORDERS



EQUALIZERS  
SURROUND SOUND & AMBIENCE PROCESSORS  
SIGNAL PROCESSORS  
CROSSEOVERS



SPEAKER CABLES



LOUDSPEAKERS

information. To make room, we sacrificed the column for number of station presets in the tuner section, which is now routinely more than anybody needs. 🎧

The other change is in how we list the design characteristics of D/A and A/D converters in the listings for CD and DVD players, digital recorders, and D/A converters. In the past we asked manufacturers to tell us the number of bits and the oversampling rate, which made sense back when all converters were multibit types. With delta-sigma (1-bit) converters, however, both the question and the resulting answers were more confusing than enlightening. The solution we arrived at is to dump our old system in favor of showing converter type—multibit, delta-sigma, or hybrid (designs that contain both multibit and delta-sigma elements)—and resolution (in bits). We think this will be both clearer and more useful. 🎧

All information in the Directory is supplied to us by the manufacturers or importers of the listed equipment. Although we make every effort to ensure that the data presented is complete and accurate, perfect consistency is impossible, if only because of variations in how companies specify their products. Company mailing addresses, phone numbers, and Internet addresses are listed at the end of the Directory. 🎧

My thanks to everyone on our staff who worked so hard through the summer to make this year's Directory happen, and to Noel Farmer and Mike Bieber for coming aboard to give us a hand.—M.R.

*You* can listen to "Louie Louie" every day  
for the next **ten years** *and we guarantee*  
**you'll break down** **before we do.**



  
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# CD & DVD PLAYERS

MANUFACTURER	Model (RI) = Remote Included, (RD) = Remote Optional	Disc Capacity	D/A Conversion: Type (See Code) and Resolution (Number of Bits)	HDCD Decoding?	Analog Outputs: Fixed-F, Variable-V, Balanced-B, Headphone-H	DIGITAL OUTPUTS		Frequency Response, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Number of Programmable Selections	Repeat Functions: Entire Disc-D, Track-T, A-B Phrases-P, Entire Program-E, Random Play-R	Weight, Pounds (To Nearest Pound)	Price, \$	Notes
						Digital Outputs—See Code	Video Outputs—See Code								
ACCUPHASE	DP-55(RI)	1	-20	No	F/B	C/T/A	4-20 ±0.3	116	0.0038	16	D/T/P/E	24	3995.00	Digital inputs; three DACs per channel. Digital inputs; optional digital input and input/output boards of various types. Translates input to 48-kHz sampling rate before conversion. CD transport.	
	DP-65V(RI)	1	M-20	No	V/B	C/T	4-20 ±0.03	98	0.0025	16	D/T/P/E	39	6200.00		
	DP-75(RI)	1	-20	No	F/V/B	C/T	20-20	120	0.0024	16	D/T/P/E	43	9995.00		
	DP-90(RI)	1				C/T/A/B					D/T/P/E	46	7495.00		
ADCOM	GCD-700(RI)	5	H-20	No	F/V	C	20-20 +0,-0.5	100	0.005	20	D/T/P/E/R	15	700.00	Selectable polarity. As above; coaxial digital input.	
	GCD-750(RI)	1	M-20	Yes	F/B	C	20-20 ±0.5	106	0.015	20	D/T/P/E/R	22	1250.00		
ALCHEMIST	Nexus APD32A(RI)	1	M-19	No	†	C	0-22	100	0.01	21	D/T/P/E	14	1400.00	†Output level digitally controlled. CD transport.	
	Kraken APD19A(RI)	1	M-21	No	F/V	C				20	D/T/E/R	20	1500.00		
	Forseti Drive APD33A(RI)	1				C/B				20	D/T/E/R	24	2200.00		
AMC	CD9(RI)	1	DS-18	No	F	C	5-20 ±0.5	110	0.002	21	D/T	16	299.00	With tube analog stage but no balanced analog output. CD8a-5404u, \$699.00.	
	C8a(RI)	1	DS-18	No	F/B	C	5-20 ±0.5	110	0.002	21	D/T	16	399.00		
ANTHEM	CD-1(RI)	6	-20	Yes	F	C/B	20-20 ±0.5	100	0.01	16	D/T/E/R	11	1699.00	Tube analog stage.	
ARCAM	Alpha-MCD(RI)	6	DS-16	No	F	C	20-20 ±0.5	105	0.005	16	D/T/E/R	8	999.00	Multi-room interface. Upgradable to models below. Upgradable to models below. Upgradable to model below. Proprietary ring DAC.	
	Alpha 7(RI)	1	DS-16	No	F	C	20-20 ±0.5	98	0.005	24	D/T/P/E	8	649.00		
	Alpha 8(RI)	1	DS-20	No	F	C	20-20 ±0.5	100	0.005	24	D/T/P/E	9	999.00		
	Alpha 8SE(RI)	1	DS-20	Yes	F	C	20-20 ±0.5	100	0.005	24	D/T/P/E	9	1249.00		
	Alpha 9(RI)	1	-24	Yes	F	C	20-20 ±0.5	105	0.005	24	D/T/P/E	9	1599.00		
AUDIO ANALOGUE	Paganini(RD)	1	DS-24	No	F	C	20-20 ±0.1	120	0.004		D/T	20	1495.00		
AUDIOLAB	8000CDM(RI)	1				C/T/B				60	D/T/P/E	15	1795.00	CD transport. Dual analog outputs.	
	8000CD(RI)	1	DS-20	No	F	C	2-20 ±0.5	100	0.003	60	D/T/P/E	15	1595.00		
AUDIO MATIÈRE	Dialogue(RI)	1		No	V	C					D/T/E/R		4950.00	Top-loading. Top-loading CD transport.	
	Monologue(RI)	1				C					D/T/E/R		3975.00		
AUDIOMECA	Talisman(RI)	1	-18	No		C					D/T	18	2695.00	CD transport. As above; optional AES/EBU output. Top-loading CD transport. As above; optional AT&T and AES/EBU outputs.	
	Talisman Transport(RI)	1				C					D/T	18	2395.00		
	Kreatura(RI)	1	-18	No		C					D/T	20	2095.00		
	Kreatura Transport(RI)	1				C					D/T	18	1795.00		
	Damnation(RI)	1				C					D/T	9	1195.00		
Mephisto(RI)	1				C					D/T	22	3195.00			
AUDIO NOTE	CD-1(RI)	1	DS-18	No	F	C					D/T/P/E		995.00	Tube analog stage. As above. As above.	
	CD-2(RI)	1	DS-18	No	F	C					D/T/P/E		1995.00		
	CD-3(RI)	1	DS-18	No	F	C					D/T/P/E		3995.00		
AUDID RESEARCH	CD2(RI)	1	DS-20	No	F	C/T/B	0.1-20 ±0.2	96	0.003	20	D/T	17	3495.00	Optional AT&T output.	
BALANCED AUDIO TECHNOLOGY	VK-D5(RI)	1	-20	Yes	F/B	C	20-20 ±0.5	100	0.01			35	4500.00	Tube analog stage; fully balanced circuitry.	
BST	CDD 356(RI)	2	M-16		F	C	20-20 ±0.5	70		16		16	999.00	MM phono input; output for beats-per-minute counter. Top-loading.	
	CDD 236(RI)	2	M-16		F	C	20-20 ±0.5	70		16		16	839.00		
	CDD 206(RI)	2	M-16		F	C	20-20 ±0.5	70		16		16	669.00		
	CDM 106(RI)	1	M-16		F	C	20-20 ±0.5	70		16		8	349.00		
	CDM 100(RI)	1	M-16		F	C	20-20 ±0.5	80		16		7	279.00		
	Cleaving 156(RI)	1	M-16		F	C	20-20 ±0.5	70		16		9	549.00		
BURMESTER	969(RI)	1				C/T/A/B					D/T/P/E	58	27,500	Belt-drive CD transport; master clock sync with Burmester 970 and 980 D/A converters. As above.	
	979(RI)	1				C/T/A/B					D/T/P/E	23	14,595		
	963(RI)	1	M-20	No	F/B	C	20-20 ±0.5	112.5	0.002		D/T/P/E	15	5200.00		
CAIRN	Swan HE(RI)	1	DS-16	No	F	C	20-20 ±0.5	90	0.003	30	D/T/E/R	15	1000.00	CD/DVD player. Six DACs per channel. CD/DVD player; six DACs per channel.	
	Meige HE(RI)	1	DS-16	No	F	C	20-20 ±0.5	90	0.003	30	D/T/E/R	17	1400.00		
	Ecrins HE(RI)	1	M-20	No	F	C	20-20 ±0.5	100	0.001	30	D/T/E/R	20	2200.00		
	Geant HE(RI)	1	M-24	No	F/B	C/T/B	20-20 ±0.5	120	0.001	30	D/T/E/R	22	3000.00		
	Dian(RI)	1	M-24	No	F/B	C/T/A/B	20-20 ±0.5	130	0.001	30	D/T/P/E/R	66	6000.00		
	EZO(RI)	1	M-24	No	F/B	C/T/A/B	20-20 ±0.5	130	0.001	30	D/T/P/E/R	66	6000.00		
CALIFORNIA AUDIO LABS	Delta(RI)	1				C/T/B					D/E	11	895.00	CD transport. Coaxial digital input; digital volume control; optional balanced analog outputs, \$500. CD-V/DVD player; 24-bit/96-kHz digital outputs (coaxial and AES/EBU); upgradable to model below. CD-V/DVD player; digital outputs as above.	
	DX-2(RI)	1	DS-18	No	F	C	5-20 ±0.2	92	0.005	20	D/E/R	11	649.00		
	Icon mkII(RI)	1	M-18	No	F	C	10-22	102	0.002	20	D/E	21	995.00		
	CL-5(RI)	5	DS-18	No	F	C	1-20 ±0.2	92	0.005	32	D/E/R	18	995.00		
	CL-10(RI)	5	M-20	Yes	F	C/B	5-22 ±0.1	95	0.015	32	D/E/R	23	1975.00		
	CL-15(RI)	1	M-20	Yes	F	V	5-20 ±0.1	104	0.005	20	D/E/R	18	1695.00		
	CL-20(RI)	1	M-20	Yes	F	C/T/B/O	C/S	4-44	110	0.005			20		2495.00
CL-25(RI)	1	M-20	Yes	F	C/T/B/O	C/S/P/R	4-44	110				20	2995.00		
CAMBRIDGE AUDIO	CD4(RI)	1		No		C					D/T	9	359.00	Continuous-calibration DAC. Dual-differential DAC. CD transport.	
	CD4 se(RI)	1		No		C/B					D/T	12	529.00		
	CD6(RI)	1		No		C/B					D/T	12	689.00		
	DiscMagic	1		No		C/B					D/T	11	599.00		



# CD & DVD PLAYERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Disc Capacity	D/A Conversion: Type (See Code) and Resolution (Number of Bits)			HDCD Decoding?		Analog Outputs: Fixed = F, Variable = V, Balanced = B, Headphone = H		Digital Outputs—See Code		Video Outputs—See Code		Frequency Response, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Number of Programmable Selections	Repeat Functions: Entire Disc = D, Track = T, A-9, Phrase = P, Entire Program = E, Random Play = R	Weight, Pounds (To Nearest Pound)	Price, \$	Notes	DIGITAL OUTPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) 3—RF (Laserdisc AC-3) O—Other
			CONVERSION TYPE M—Multibit DS—Delta-Sigma ("1-Bit") H—Hybrid	VIDEO OUTPUTS C—Composite Video S—S-Video P—Component Video R—RGB	Disc Capacity	D/A Conversion: Type (See Code) and Resolution (Number of Bits)	HDCD Decoding?	Analog Outputs: Fixed = F, Variable = V, Balanced = B, Headphone = H	Digital Outputs—See Code	Video Outputs—See Code												
CAMELOT TECHNOLOGY	Merlin PRO(RI)	1							C/B/O									24	15	2195.00	CD transport; i <sup>2</sup> S outputs; optional AT&T output.	
	The Round Table(RI)	1	M-24	No	F/V/B				C/B/O	C/S/P								24	15	2995.00	CD/DVD player; 96-kHz DAC; i <sup>2</sup> S outputs; volume control; passes DTS signals.	
	Morganna 24(RI)	1	DS-24	No	F/V				C/B/O									24	15	2195.00	Volume control.	
CARVER	MV-5(RI)	5		No	F/H				C				20-20 ±0.5	100	0.004			32	D/T/E/R	18	459.00	
CARY AUDIO DESIGN	CD-301(RI)	1	DS	No	F				C											26	2595.00	Remote has volume control.
	CD-302(RI)	1	-20	Yes	F				C											28	2995.00	
CLASSÉ AUDIO	CDP3(RI)	1	M-20	Yes	F/B				C				0-20 ±0.1	100				20	D/T/E/R	16	1395.00	CD transport.
	CDP5(RI)	1	M-20	Yes	F/B				B				20-20 ±0.1	106	0.003				D/T/E/R	16	1995.00	
	CDP-1(RI)	1	M-20	Yes	F/B				B				20-20 ±0.1	108	0.003				D/T/E/R	18	3495.00	
	CDT-1(RI)	1							C/A/B										D/T/E/R	13	2495.00	
CONRAD-JOHNSON	DR1(RI)	1							C									30	D/T	18	1795.00	CD transport; with optional AT&T and AES/EBU outputs, \$2195.00.
	DF2(RI)	1	DS	No	F				C				20-20 ±0.5		0.1			30	D/T	17	1695.00	Tube analog section.
	DV2-b(RI)	1	DS	No	F				C				20-20 ±0.5		0.1			30	D/T	18	2495.00	
CREEK	CD43(RI)	1	DS-24	No	F				C/B				4-20 ±0.5	96					D/T/R	9	995.00	
CYRUS	DAD 3(RI)	1	-18	No	F				T				20-20 ±0.5	100	0.008			20	D/E	8	999.00	Upgradable to DAD 3Q (DAD 3Q price, \$1499.00).
DANIELS AUDIO	CD 5.1(RI)	5	DS	No	F/V				C				0-20 +0. -0.1	100	0.003			30	D/T/E/R	15	1450.00	Phase-coherent analog filter; optional balanced output; with upgraded power supply, CD 5.1 Ωmega, \$2500.00.
DENON	DVD-3000(RI)	1	DS-24	No	F/H				C/T	C/S/P			20-44 ±1	115	0.0025			20		9	899.00	CD/DVD player; decodes 96-kHz and Dolby Digital (AC-3) recordings; passes DTS signals.
	LA-2300(RI)	1	DS	No	F				3	C/S			20-20	115				20	D/T/P/E	16	799.00	CD/laserdisc player.
	DP-S1(RI)	1							C/T/A/B									20	D/T/E/R	37	8000.00	CD transport; master clock sync with DA-S1 D/A converter. Proprietary D/A conversion; four DACs.
	DCD-1650(RI)	1	-20	No	F/V/H				C/T				2-20	118	0.0018			20	D/T/P/E/R	23	999.00	Proprietary D/A conversion. As above. As above.
	DCD-425(RI)	1	DS	No	V/H				C				20-20	103	0.005			20	D/T/E/R	20	199.00	
	DCM-560(RI)	5	-20	No	F/V/H				C				20-20 ±0.2	113	0.0020			20	D/T/E/R	15	650.00	
	DCM-460(RI)	5	-20	No	F/V/H				C				20-20 ±0.2	110	0.0025			20	D/T/E/R	13	450.00	
	DCM-360(RI)	5	-20	No	V/H				C				20-20	108	0.0025			20	D/T/E/R	12	319.00	
DCM-260(RI)	5	DS	No	V/H				C				20-20	108	0.0028			20	D/T/E/R	12	269.00		
DPA DIGITAL	Enlightenment Transport(RI)	1							C/T									16	D/T/P/E	13	1395.00	CD transport; master clock sync with all DPA D/A converters.
	Renaissance Player(RI)	1	-24	No	F				C/T				20-20 ±0.5					16	D/T/P/E	16	1895.00	Clock sync as above; proprietary D/A conversion.
DUAL	CD5150RC(RI)	1			V/H								2-20 ±0.3	100	0.005			20	D/T/P/E/R	11	695.00	Clock sync as above; proprietary D/A conversion.
	CD1070RC(RI)	1			V/H								2-20 ±0.3	90	0.01			16	D/T/P/E/R	10	395.00	
EAD	Ultradisc 2000(RI)	1	M-20	Yes	F				C				0-20 ±0.1	113	0.001			24	D/T/E/R	32	2995.00	
ELECTRO-COMPANET	EMC1(RI)		DS-24	No	F/B				C/B				20-20 ±0.5	110	0.005			16	D/T/P/E	40	3995.00	Top-loading; decodes 96-kHz recordings.
ELECTRONIC VISIONARY SYSTEMS	DVD-1(RI)	1	DS-20	No	F				C/T	C/S			20-44 ±0.1	110	0.003			24	D/T/P/E/R	8	1000.00	CD/DVD player; decodes 24-bit, 96-kHz recordings.
ELITE	DVL-91(RI)	1	M-20	No	F				C/T/3	C/S/P			4-44	115	0.002				D/T/P/E/R	20	1800.00	CD/DVD/laserdisc player; decodes 96-kHz recordings; 10-bit video DAC; graphic user interface.
	DV-09(RI)	1	M-24	No	F				C/T	C/S/P			4-44	115	0.0028				D/T/P/E/R	33	2200.00	CD/DVD player; decodes 96-kHz recordings; 10-bit video DAC; graphic user interface.
	PD-65(RI)	1	DS	No	F				C/T				2-20	111	0.002			24	D/T/E/R	21	800.00	Magazine CD changer. File-type CD changer. As above. As above.
	PD-59(RI)	1	DS	No	F				C/T				2-20	110	0.0026			24	D/T/E/R	9	545.00	
	PD-M59(RI)	6	DS	No	F/H				T				2-20	100	0.003			32	D/T/E/R	9	330.00	
	PD-F59(RI)	25 + 1	DS	No	F/H				C/T				2-20	105	0.003			24	D/T/P/E/R	11	345.00	
	PD-F79(RI)	50 + 1	DS	No	F/H				C/T				2-20	105	0.003			24	D/T/P/E/R	13	450.00	
	PD-F07(RI)	100 + 1	DS	No	F/H				C/T				2-20	105	0.003			36	D/T/P/E/R	14	500.00	
PD-AP1	1							F				2-20						R	6	260.00	Controller for up to three File-type CD changers.	
ENSEMBLE	Dichrono Drive (EC)(RI)	1							C/B									20	D/T/P/E	29	9400.00	CD transport.
EXPOSURE	CDP(RI)	1	M																	14	1995.00	
G AND D TRANSFORMS	Reference One(RI)	1							C									24	D/T/E/R	9	699.00	CD transport; optional AES/EBU output.
	UTP-1(RI)	1							C/B									24	D/T/E/R	15	1449.00	CD transport.
	CD Player(RI)	1	DS-18	No	V								2-20 ±0.1	98	0.003			24	D/T/E/R	9	699.00	Digital polarity inversion.
	UCD-1(RI)	1	DS-18	No	V				C				2-20 ±0.1	98	0.003			24	D/T/E/R	14	1449.00	As above.
GOLDEN THEATER	DVD-1(RI)	1																				CD/DVD player.
GOLDMUND	SRTT(RI)	1							C/B											16	3790.00	CD transport.
	Mimesis 39(RI)	1							C/B											35	5990.00	As above.
	Mimesis 36(RI)	1							C/B											55	15,250	As above.
	Mimesis 39 DA++(RI)	1		No	F				C/B				20-20 ±0.5							35	6990.00	Proprietary D/A conversion.



DVD/CD/VIDEO CD

SONY

ON/STANDBY



DISPLAY TIME/TEXT SHUFFLE PROGRAM REPEAT CLEAR

DISC 1 DISC 2 DISC 3 DISC 4 DISC 5

ALL DISCS 1 2 3 4 5

DISC 1

OPEN



5 DVD CHANGER

Harrison Ford  
AIR FORCE ONE

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AT THE BEACON THEATRE

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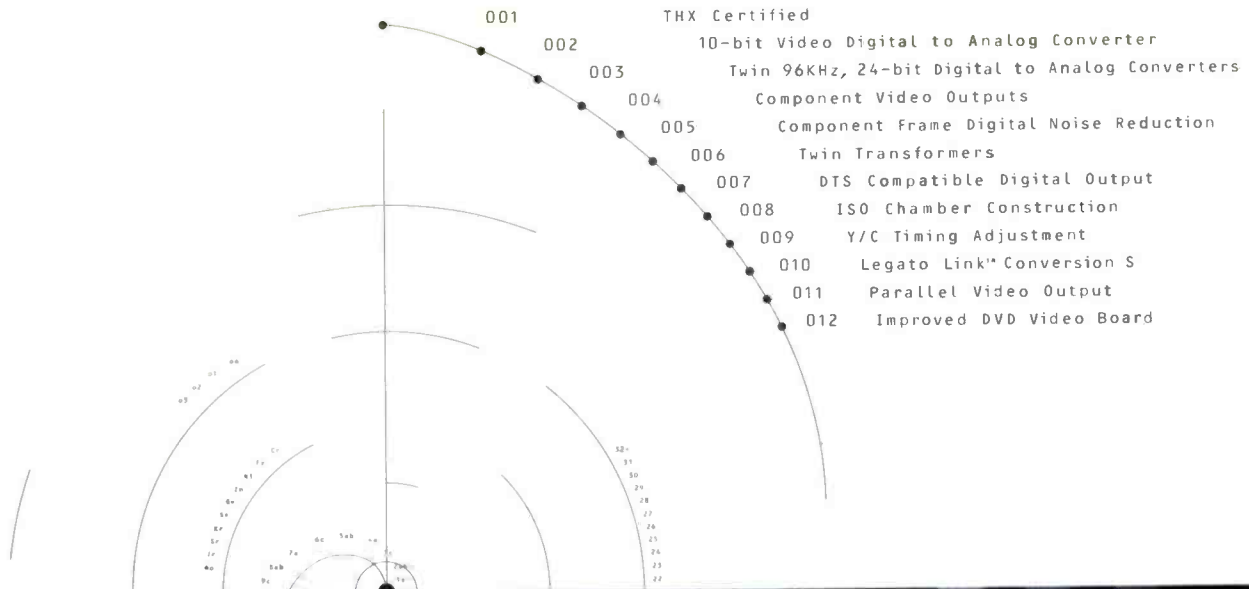
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allows you to control a Sony Megastorage™ CD changer!

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# CD & DVD PLAYERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Disc Capacity	D/A Conversion: Type (See Code) and Resolution (Number of Bits)	HDCD Decoding?	Analog Outputs: Fixed-F, Variable-V, Balanced-B, Headphone-H		Digital Outputs—See Code		Video Outputs—See Code	Frequency Response, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Number of Programmable Selections	Repeat Functions: Entire Disc=D, Track=T, A-B Phrase=P, Entire Program=E, Random Play=R	Weight, Pounds (To Nearest Pound)	Price, \$	Notes	DIGITAL OUTPUTS	
					C	T	C/S/P	C										C	C
HARMAN KARDON	FL8350(RI)	5	DS-20	No	F/H	C			20-20			32	D/T/E/R		329.00	Reloadable during play.			
	FL8550(RI)	5	M-20	Yes	F/H	C			20-20			32	D/T/E/R		449.00	As above.			
	HD720(RI)	1		No	F/H	C			20-20			20	D/T/P		349.00				
	Signature 3.0(RI)	1		No	No	C/T		C/S/P	20-20						1799.00	CD/DVD player; RS-232 control port; upgradable software.			
JADIS	JD1 Super														16,950	CD transport.			
	JD3 JD3 Deluxe Orchestra														4295.00 7995.00 2495.00	CD player. As above; external power supply; tube analog stage. CD player.			
JOLIDA	JD 601A(RI)	1	M-16	No	F				20-20 ±0.5	95	0.05	24	D/T/E/R	9	450.00	Tube analog stage.			
JVC	XU-301BK(RI)	3	DS		F/H	T			8-20	94	0.009	16	D/T/E/R	13	550.00	CD changer/MD recorder (see also "Digital Recorders"); remote QWERTY keyboard; tilting for 200 discs; pitch control.			
	XV-D2000BK(RI)	1	DS		F/H	C/T	C/S	2-44			0.002	16	D/T/P/E/R	11	999.95	CD/DVD player; 5.1-channel analog outputs.			
	XL-MC334BK(RI)	200	DS		F	T		4-20	105	0.004	32	D/T/E/R	17	330.00	CD Text display; reloadable during play.				
	XL-MC222BK(RI)	200	DS		F	T		4-20	100	0.006	32	D/T/E/R	17	280.00	Reloadable during play.				
	XL-MC302(RI)	100+	DS		F	C		2-20	107	0.002	32	D/T/E/R	38	870.00	Changer and controller in separate chassis; daisy-chainable to 300 discs.				
	XL-MCM1	1				C						32	D/T/E/R	30	550.00	Add-on CD transport for model above.			
	XL-M418BK(RI)	6+1	DS		F			2-20	107	0.002	32	D/T/E/R	10	280.00	Tilting for 48 discs.				
	XL-M318BK(RI)	6+1	DS		F			2-20	107	0.002	32	D/T/E/R	10	260.00					
	XL-F254BK(RI)	5	DS		F/H			2-20	107	0.0022	32	D/T/E/R	12	200.00	Reloadable during play.				
	XL-F154BK	5	DS		F			2-20	107	0.0022	32	D/T/E/R	12	180.00	As above; remote controllable via system bus.				
	XL-F5TH(RI)	5	DS		F			2-20	107	0.0022	32	D/T/E/R	11	180.00	Reloadable during play.				
	XL-V282BK(RI)	1	DS		F/H			2-20	106	0.0025	32	D/T/E/R	8	190.00	Peak level search.				
	XL-P84CR(RO)	1	DS		F/H							24	D/T/E/R	1	170.00	Portable; includes car kit; 40-second anti-shock memory.			
XL-P64CR(RI)	1	DS		F/H							24	D/T/E/R	½	140.00	Portable; includes car kit; 10-second anti-shock memory.				
XL-P54CR(RO)	1	DS		F/H							24	D/T/E/R	½	120.00	As above.				
XL-P34(RO)	1	DS		F/H							24	D/T/E/R	½	110.00	Portable; 10-second anti-shock memory; includes rechargeable batteries.				
KENWOOD	DV-2070(RI)	1	-24	No	F/H	C/T	C/S/P	4-44	114			18	D/T/P						
	DV-203(RI)	1	-24	No	F/H	C/T	C/S/P	4-44	114			18	D/T/P	13		CD/DVD player; decodes 96-kHz recordings; remote has joystick.			
	CD-2280M(RI)	200	DS	No	F	C		4-20 ±0.5	97	0.005	32	D/T/E/R	20	500.00	Two-zone output; CD Text display.				
	CD-2260M(RI)	200	DS	No	F	C		4-20 ±0.5	97	0.005	32	D/T/E/R	20	300.00	CD Text display.				
	CD-224M(RI)	200	DS	No	F			4-20 ±0.5	98	0.004	32	D/T/E/R	16	250.00	As above.				
	CD-223M	200	DS	No	F			4-20 ±0.5	98	0.004	32	D/T/E/R	16	230.00	As above.				
	CD206(RI)	5	DS	No	V/H	C/O		4-20	100	0.003	32	T/P	11	220.00	As above.				
	CD204(RI)	5	DS	No	V/H			4-20	95	0.003	32	T/P	11	160.00	As above.				
CD203	5	DS	No	V/H			4-20	95	0.003	32	T/P	11	140.00	As above.					
KRELL	KAV-250cd(RI)	1	M-20	Yes	F/B	C		20-20	103				D/T		2350.00	12-V trigger input.			
	KAV-300cd(RI)	1	M-20	Yes	F/B	C/T		20-20	103				D/T		3500.00	As above.			
	KPS-25s(RI)	1	M-20	Yes	F/V/B	C/T/B		20-20	103				D/T/P		20,000	Preamp/CD (see also "Preamps").			
MARK LEVINSON	No. 31.5(RI)	1				C/T/A/B						30	D/T/P/E	64	9495.00	CD transport; upgradable.			
	No. 37(RI)	1				C/A/B							D/T/P/E/R		3995.00	CD transport; communicates with Mark Levinson 30 Series components.			
	No. 39(RI)	1	M-20	Yes	F/V/B	C							D/T/P/E/R		5995.00	Communicates as above; coax and Toslink digital inputs.			
LINN	Karik(RI)	1	DS	No	F	C		20-20					D/T/P/E	14	3595.00	Master clock sync with Numerik D/A converter.			
	Mimik(RI)	1	DS	No	F	C		20-20					D/T/P/E	14	1700.00				
LUXMAN	D-322(RI)	1	-18	No	F/H			5-20 ±1	105	0.003	20	D/T/P/E	9	395.00					
	D-355(RI)	1	DS	No	V/H	C		2-20	100	0.007	24	D/T/P/E/R	12	495.00					
	D-375(RI)	1	DS	No	V/H	C/T		2-20	103	0.004	24	D/T/P/E/R	12	795.00					
	D-700S(RI)	1	-20	Yes	F/B/H	C		20-20 ±1	110	0.002	24	D/T/P/E/R	20	2500.00					
MARANTZ	CC-870(RI)	101	M-16	No	V	C		20-20 ±0.1	100	0.005	30	D/T/E/R	16	600.00					
	CC-65SE(RI)	5	DS-18	No	V/H	C		20-20 ±0.01	100	0.005	30	D/T/E/R	17	500.00					
	CC-67(RI)	5	DS-18	No	V/H	C		20-20 ±0.01	100	0.005	30	D/T/E/R	15	400.00					
	CC-48(RI)	5	DS-16	No	V	C		20-20 ±0.1	100	0.005	30	D/T/E/R	15	280.00					
	CC-38(RI)	5	DS-16	No	F	C		20-20 ±0.1	100	0.05	30	D/T/E/R	15	250.00					
	CD-17 mk2(RI)	1	DS-18	No		C/T		20-20 ±0.2	104	0.0015	30	D/T/P/E/R	17	1000.00					
	CD-67SE(RI)	1	DS-18	No	V/H	C/T		5-20 ±0.5	104	0.0025	30	D/T/P/E/R	13	500.00					
	CD-48(RI)	1	DS-16	No	F/H	C		20-20 ±0.1	100	0.005	30	D/T/E/R	8	230.00					
	DVD-810(RI)	1	DS-18	No	F	C	C/S	20-20 ±0.01	100	0.005	24	D/T/E	12	700.00	CD/DVD player.				
	DVD-890(RI)	1														As above.			
	McINTOSH	MCD7010(RI)	1	DS	No	F/B	C/A		4-20 ±0.3	110	0.0013	20	D/T/P	22	3500.00				
MLD7020(RI)		1	DS	No	F	C/A/3	C/S	4-20	118	0.0017	24	D/T/P	54	3200.00	CD/laserdisc player.				
MELOS TECHNOLOGIES	CD9624T(RI)	1	M-24	Yes	F/B	C/T/3	P	20-20 ±0.1	90	0.09	16	D/T/E/R	28	3895.00	CD/DVD player; tube analog stage; Class A; zero feedback.				
	CDHD20T(RI)	1	M-20	Yes	F/B	C/T		20-20 ±0.1	90	0.09	16	D/T/E/R	16	995.00	Tube analog stage; Class A; zero feedback.				
MERIDIAN	508.24(RI)	1	DS-24	No	F/B	C/T		20-20		0.003	30	D/T/E	25	3495.00					
	506.20(RI)	1	DS-20	No	F	C/T		20-20		0.003	30	D/T/E	25	1895.00					
	500(RI)	1				C/T/B					30	D/T/E	25	2195.00	CD transport.				
	586.2(RI)	1	M-20	No	F	C	C/S/P	20-20		0.003	30	D/T/E	25	3995.00	CD/DVD player; five 10-bit video DACs; enhanced black level.				



- THX Certified
- 001 10-bit Video Digital to Analog Converter
- 002 Twin 96KHz, 24-bit Digital to Analog Converters
- 003 Component Video Outputs
- 004 Component Frame Digital Noise Reduction
- 005 Twin Transformers
- 006 DTS Compatible Digital Output
- 007 ISO Chamber Construction
- 008 Y/C Timing Adjustment
- 009 Legato Link™ Conversion S
- 010 Parallel Video Output
- 011 Improved DVD Video Board



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**FANATICALLY OVERENGINEERED.** DO ENOUGH TESTING AND REFINING, AND YOU GET A BETTER PRODUCT. AT LEAST THAT'S HOW IT WORKED WITH THIS DVD PLAYER. BETTER CLARITY, CLEANER SOUND, UNMATCHED IMAGE QUALITY—BETTER EVERYTHING. COPPER WALLS ISOLATE ANALOG AUDIO, DIGITAL AUDIO, DIGITAL VIDEO AND POWER SUPPLY CIRCUITS. PLUS THE BOTTOM PLATE IS FOUR TIMES THICKER THAN IN CONVENTIONAL COMPONENTS, SO ELECTROMAGNETIC INTERFERENCE IS PRETTY MUCH ELIMINATED. AND IMAGES ARE VIRTUALLY NOISE-FREE WITH OUR EXCLUSIVE COMPONENT FRAME DIGITAL NOISE REDUCTION—IT COMPARES TWO SUBSEQUENT FRAMES, DISTINGUISHES DIFFERENCES BETWEEN THE TWO AND THEN MAKES THEM MATCH. THOMAS J. NORTON, OF *STEREOPHILE GUIDE TO HOME THEATER*, SAYS, "SIMPLY PUT, I HAVE NOT SEEN BETTER PICTURE QUALITY FROM ANY DVD PLAYER, REGARDLESS OF COST." WE SET OUT TO RAISE THE STANDARD WITH THE DV-09. APPARENTLY, WE SUCCEEDED.

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# CD & DVD PLAYERS

MANUFACTURER	Model (RI)=Remote Included (RO)=Remote Optional	Disc Capacity	D/A Conversion Type (See Code) and Resolution (Number of Bits)			HDCD Decoding?		Analog Outputs: Fixed-F Variable-V Balanced-B, Headphones-H		Digital Outputs—See Code		Video Outputs—See Code	Frequency Response, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Number of Programmable Selections	Repeat Functions: Entire Disc=D, Track=T, A-B Phrases=F, Entire Program=E, Random Play=R	Weight, Pounds (To Nearest Pound)	Price, \$	Notes	DIGITAL OUTPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) 3—RF (Laserdisc AC-3) O—Other
			Conversion Type	Resolution	Bits	Decoding?	Fixed-F	Variable-V	Digital	Video											
MISTRAL	CD Player(RI)	1		No	F	C			1-20									1895.00			
MITSUBISHI	M-CD500(RI)	5	DS-18	No	F	C			4-20 ±0.3	97	0.01	40	D/T/E/R	14				279.00	CD/DVD player; decodes 96-kHz recordings.		
	DD-2000(RI)	1	-20	No	F	C			4-20	96	0.006	30	D/T/P	8				699.00			
MSB TECHNOLOGY	Platinum LS-2(RI)	2	-16	No	F	C			4-20 ±0.5	115	0.003	20	D/T/E/R	67				5495.00	CD/laserdisc player with two transport mechanisms; optional factory-installed AC-3 RF output for this and other laserdisc players, \$385.00.		
	Silver LS-2X(RI)	1	-16	No	F/H	C/T/3			4-20 ±0.5	115	0.003	20	D/T/E/R	44				1995.00		CD/laserdisc player.	
MUSEATEX AUDIO	CCD1(RI)	1				C/T												1750.00	CD transport; signal reclocking based on data-word preamble.		
MUSE ELECTRONICS	Eight(RI)	1				C/O												3500.00	CD/DVD transport; I <sup>2</sup> S output with master clock sync.		
MUSICAL CONCEPTS	Enigma VII(RI)	1	DS-18		F	C/T			20-20 ±0.02	105	0.003	16						795.00	DSP filter; Stable Platter mechanism; BNC coaxial digital output may be substituted for RCA type. As above; Signature version, \$1295.00. Stable Platter mechanism; optional BNC output as above; Signature version, \$995.00.		
	Epoch VII(RI)	1	DS-18		F	C/T			20-20 ±0.02	105	0.003	16						995.00			
	CDT-4(RI)	1	DS-18		F	C/T			20-20 ±0.02	105	0.003	16						795.00			
MUSICAL DESIGN	T-1(RI)	1	DS-18	No	F	C/T												1295.00	Harmonic reconstruction to 40 kHz via digital filter. As above.		
	CD-2(RI)	1	DS-18	No	F	C/T			2-20	110	0.003	24	D/T/E/R	17				1495.00			
	CD-2 Signature(RI)	1	DS-18	No	F	C/T			2-20	110	0.003	24	D/T/E/R	17				1995.00			
MUSICAL FIDELITY	A2CD(RI)	1	DS	No	F	C/T			20-20 ±1	105	0.009	32	D/T/P/E/R	13				775.00			
	E-61(RI)	1	DS	No	F	C/T			20-20 ±1	105	0.009	32	D/T/P/E/R	13				575.00			
MYRYAD SYSTEMS	MC100(RI)	1	DS	No	F	C			20-20 ±0.3	104	0.003	24	D/T/R	13				1300.00	PLM DAC.		
	MCD500(RI)	1	DS-20	No	F/B	C			20-20 ±0.3	105	0.002	24	D/T/R	13				2400.00			
NAD	S500(RI)	1	DS-20	No	F/B	C/B			5-20 ±0.15	100	0.002							1399.00	Modular design for upgrading; Class A; DC-coupled with servo; system control bus. System control bus. As above. As above.		
	C560(RI)	1	DS-20	No	F	C			5-20 ±0.2	100	0.002		D/T/E/R	14				599.00			
	522(RI)	1	DS-20	No	F	C			5-20 ±0.5	100	0.0025		D/T/E/R	10				299.00			
	515(RI)	5	DS-18	No	F	C			5-20 ±0.2	90	0.003	30	D/T/E/R	15				499.00			
	523(RI)	5	DS-18	No	F	C			5-20 ±0.5	100	0.003	40	D/T/E/R	13				399.00			
NAIM AUDIO	CD3-5(RI)	1	H-18	No	F				10-20				D/E	14				2150.00	Optional external power supply.		
	CDX(RI)	1	M-20	Yes	F				+0.1,-0.5 10-20 +0.1,-0.5				D/E	23				4250.00	As above.		
NAKAMICHI	MB-10(RI)	5	M-24		F/H	C/T			5-20	100	0.003		T/R					399.00			
ONIX	CD33(RI)	1	DS	No	V	C			20-20 ±0.5	100	0.002	20	D/T/P/E	13				2195.00			
DNKYD	Integra DX-C730(RI)	6	DS	No	F	T			2-20	98	0.004	40	D/T/E/R	18				549.95	Custom File memory for 202 discs; intro scan; peak level search. Custom File memory for 202 discs; reloadable during play. Reloadable during play; six-mode repeat. As above. CD/DVD player; separate optical pickups for CD and DVD; 10-bit video DAC.		
	DX-C540(RI)	6	DS	No	F	T			5-20	96	0.005	40	D/T/E/R	15				319.95			
	DX-C340(RI)	6	DS	No	F				20-20	96	0.004	40	D/T/E/R	16				259.95			
	DX-C140	6	DS	No	F				20-20	92	0.005	40	D/T/E/R	16				274.95			
	Integra DX-7911(RI)	1	DS	No	F/V/H	C/T			2-20	110	0.0025	20	D/T/P/E/R	23				1199.95			
	DX-7711(RI)	1	DS	No	F/V/H	C/T			2-20	106	0.0027	20	D/T/P/E/R	23				799.95			
	DX-7211(RI)	1	DS	No	F/H	C/T			5-20	100	0.004	36	D/T/P/R	9				229.95			
	DV-S501(RI)	1	M		F	C/T			4-22	108	0.004		D/T/P/R	9				799.95			
	CD-7250(RI)	6	DS	No	F				2-20 +1,-2	98	0.005	32	D/T/E/R	8				179.99			
	CD-8100(RI)	5	DS	No	F				20-20	100	0.04	32	D/T/E	10				149.99			
	CD-8150(RI)	5	DS	No	F				20-20	100	0.005	32	D/T/E/R	12				169.99			
	CD-8200(RI)	25	DS	No	F	T			20-20	98	0.003	24	D/T/P/E	10				199.99			
	CD-8400(RI)	100 +	DS	No	F	T			2-20	98	0.003	36	D/T/E/R	14				249.99			
	CD-3720	1	DS	No	F/H				20-20				D/T/R	½				79.99	Portable; 10-second anti-shock memory.		
	CD-3740	1	DS	No	F/H				20-20				D/T/R	½				89.99	As above.		
	CD-3760	1	DS	No	F/H				20-20				D/T/R	½				119.99	As above; includes car kit.		
	CD-3790	1	DS	No	F/H				20-20				D/T/R	½				169.99	Portable; 40-second anti-shock memory; includes car kit; night illumination.		
	CD-3690	1	DS	No	F/H				20-20				D/T/E	24				149.99	As above but 10-second anti-shock.		
PANASONIC	DVD-L10(RI)	1	DS-24	No	F/H	C/T		C/S	2-22	115			D/T/E/R	2				1400.00	Portable CD/DVD player; decodes 96-kHz recordings; 10-bit video DAC.		
	DVD-A110(RI)	1	DS-24	No	F/H	C/T		C/S	2-22	115	0.003		D/T/E/R	8				450.00	CD/DVD player; decodes 96-kHz recordings; 10-bit video DAC.		
	DVD-A310(RI)	1	DS-24	No	F/H	C/T		C/S/P	2-22	115	0.0025		D/T/E/R	8				700.00	As above.		
	DVD-K510(RI)	1	DS-24	No	F/H	C/T		C/S	2-22	115	0.003		D/T/E/R	8				850.00	CD/DVD/karaoke player; decodes 96-kHz recordings; 10-bit video DAC.		
	SL-SX300	1	DS	No	H								D/T	½				120.00	Portable CD player.		
	SL-S201C	1	DS	No	H								D/T	½				90.00	As above.		
	SL-S231C	1	DS	No	H								D/T	½				120.00	As above.		
	SL-S232C	1	DS	No	H								D/T	½				140.00	As above.		
	SL-SW405	1	DS	No	H								D/T	1				140.00	As above; anti-shock memory.		
	SL-SW505	1	DS	No	H								D/T	1				170.00	As above.		
	SL-SW515	1	DS	No	H								D/T	1				200.00	As above.		
	SL-S200	1	DS	No	H								D/T	½				70.00	Portable.		
	SL-S230	1	DS	No	H								D/T	½				90.00	As above.		
	SL-S235	1	DS	No	H								D/T	½				100.00	As above.		



Now, with the new Recordable/Rewritable DR-700 CD system from Marantz, you can record take after take of flawless digital audio until you get exactly what you want.



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no mistake. With the DR-700 you can say good-bye to all those inferior and unpredictable formats — even your old CD-R deck. (The DR-700 records CD-R's, too!) And with the superior sound quality audiophiles around the world have come to expect from Marantz — plus analog, digital coax and fiber optic I/O — the DR-700 will undoubtedly become the centerpiece of your home system.

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Fax: 630.307.2687  
[www.marantzamerica.com](http://www.marantzamerica.com)

# CD & DVD PLAYERS

MANUFACTURER	Model (RI)=Remote Included (RO)=Remote Optional	Disc Capacity	D/A Conversion Type (See Code) and Resolution (Number of Bits)	HDCD Decoding?	Analog Outputs: Fixed=F, Variable=V, Balanced=B, Headphone=H		Digital Outputs—See Code		Video Outputs—See Code	Frequency Response, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Number of Programmable Selections	Repeat Functions: Entire Disc=D, Track=T, A-B Phrase=P, Entire Program=E, Random Play=R	Weight, Pounds (To Nearest Pound)	Price, \$	Notes	DIGITAL OUTPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) 3—RF (Laserdisc AC-3) O—Other
					Digital	Video	Digital	Video										
PARADOX	E														300.00	Modification to existing CD player (DC offset, power conditioner, and green light bath).		
	S Solovox														600.00	As above.		
	1200.00															As above.		
PARASOUND	C/DP-1000(RI) C/DC-1500(RI)	1 5	H-18 H-18	No	F F	C C			5-20 ±0.5 5-20 ±0.5	105 110	0.005 0.005	20 20	D/T/E D/T/E	12 15	495.00 650.00	Optional AT&T and AES/EBU outputs. As above.		
PARAVOIX	DVDP-1000(RO)	1		No												899.00	CD/DVD player.	
PENTAGON	CD-70(RI)	1	M-20		F	C							D/T/P/E/R	27	4900.00			
PERREAUX	CD 1(RI)	1		No	F/B											1595.00		
PINK TRIANGLE	Numeral(RI) Litaural(RI) Cardinal(RI)	1 1 1	DS DS	No Yes	F/B F/B	C C C			20-20 ±0.1 20-20 ±0.1	90 100	0.007 0.005	20 20 20	D/T/P/E/R D/T/P/E/R D/T/P/E/R	15 16 14	1995.00 3695.00 1695.00	CD transport.		
PIONEER	DVL-909(RI)	1	M-20	No	F	C/T/3	C/S/P	4-44		115	0.003		D/T/P/E/R	19	1099.00	CD/DVD/laserdisc player; decodes 96-kHz recordings; 10-bit video DAC; graphic user interface.		
	DV-606D(RI)	1	M-24	No	F	C/T	C/S/P	4-44		115	0.002		D/T/P/E/R	7	599.00	CD/DVD player; decodes 96-kHz recordings; passes DTS signals; 5.1-channel analog output; 10-bit video DAC.		
	DV-505(RI)	1	M-20	No	F	C/T	C/S	4-44		115	0.003		D/T/P/E/R	6	399.00	CD/DVD player; decodes 96-kHz recordings; 10-bit video DAC.		
	CLD-D406(RI)	1	DS	No	F	C/T/3	C	4-20		102			D/T/P/E	14	600.00	CD/laserdisc player.		
	CLD-D606(RI)	1	DS	No	F	C/T/3	C/S	4-20		115			D/T/P/E	15	760.00	As above; digital memory.		
	PD-F1007(RI)	301	DS		F	T		2-20		98	0.003	360	D/T/E/R	19	475.00	File-type CD changer; CD Text display; synchronizes with Pioneer cassette decks.		
	PD-F957(RI)	100 + 1	DS		F	T		2-20		98	0.003	36	D/T/E/R	14	365.00	File-type CD changer; CD Text display.		
	PD-F907(RI)	100 + 1	DS		F	T		2-20		98	0.003	36	D/T/E/R	14	310.00	File-type CD changer; without remote.		
	PD-F607(RI)	25	DS		F	T		2-20		98	0.005	32	D/T/E/R	11	260.00	PD-F807, \$260.00.		
	PD-F507(RI)	25	DS		F	T		2-20		98	0.005	32	D/T/E/R	11	245.00	File-type CD changer; CD Text display.		
	PD-F407	25	DS		F			2-20		98	0.005	32	D/T/E/R	11	225.00	File-type CD changer.		
	PD-AP1				F			2-20		98			R	6	260.00	As above.		
	PD-M426(RI)	6	DS	No	F			2-20		98	0.005	32	D/T/E/R	8	240.00	Controller for up to three File-type CD changers.		
	PD-M406	6	DS	No	F			2-20		98	0.005	32	D/T/E/R	8	225.00	Magazine CD changer. As above.		
POLYFUSION AUDIO	920(RI)	1	M-20			C/A/O							D/T/P/E/R	17	2900.00	CD transport; includes external DC power supply.		
PROCEED	MDT(RI)	1				C/B	C/S/P						D/T/P/E/R		5000.00	DVD transport; upgradable; compatible with PHAST communication systems.		
	CDD(RI)	1				C/B							D/T/P/E/R		2495.00	CD transport; optional AT&T output.		
	CDP(RI)	1	M-18	Yes	F/V/B	C							D/T/P/E/R		3500.00	Coaxial and Toslink digital inputs.		
PROSCAN	PS8610P(RI)	1	DS-24	Yes	F/H	C/T	C/S/P	20-20		95	0.0025		D/T/P/E/R		549.00	CD/DVD player; decodes 96-kHz recordings; passes DTS signals; two sets of A/V outputs.		
	PS8680Z(RI)	1	DS-24	Yes	F/H	T	C/S/P	20-20		95			D/T/P/E/R		649.00	CD/DVD player; decodes 96-kHz and Divx recordings; passes DTS signals.		
RCA	RC5210P(RI)	1	DS-24	Yes	F/H	C	C/S	20-20		95	0.003		D/T/P/E/R		399.00	CD/DVD player; decodes 96-kHz recordings.		
	RC5510P(RI)	1	DS-24	Yes	F/H	C/T	C/S/P	20-20		95	0.0025		D/T/P/E/R		499.00	As above; passes DTS signals; two sets of A/V outputs.		
	RC5230Z(RI)	1	DS-24	Yes	F/H	T	C/S	20-20		95			D/T/P/E/R		499.00	CD/DVD player; decodes 96-kHz and Divx recordings.		
	RP-2045	1		No	V/H							22	D/T/R		129.99	Portable; includes car kit; 40-second anti-shock memory; bass boost; water-resistant.		
	RP-2215	1		No	V/H							22	D/T/R		99.99	Portable; includes car kit; 10-second anti-shock memory; bass boost.		
	RP-2240	1		No	V/H							5	D/T/E/R		99.99	Portable; 40-second anti-shock memory; bass boost.		
	RP-2245	1		No	V/H							5	D/T/E/R		119.99	As above; includes car kit.		
	RP-2249	1		No	V/H							5	D/T/E/R		129.99	As above; includes pair of battery-powered speakers.		
REGA RESEARCH	Planet(RI) Jupiter(RI)	1 1	H	No	F	C C							D/T/E/R D/T/E/R	12 12	795.00 850.00	CD transport.		
REVOX	S22 Elegance(RI)	1	H-20	No	F	C		20-20 ±0.1		90	0.003	20	D/T/P/E	9	995.00	Defeatable digital output; polarity selectable via remote.		
	B22 Emotion(RO)	1	DS-20	No	F	C		20-20 ±0.1		98	0.006	20	D/T/P/E	19	1795.00			
	E426 Exception(RI)	1	DS-20	No	F/B	C		20-20 ±0.1		105	0.003	20	D/T/P/E	26	4500.00	Top-loading.		
	B27 Emotion(RI)	1	DS-20	No	F/B	C	C/S/P	20-20 ±0.1		98	0.006	20	D/T/P/E	20	3400.00	CD/DVD player.		
ROKSAN AUDIO	Caspian(RI) Attessa DP3.P(RI) Attessa DP3(RI)	1 1 1	DS-18 DS-18	No No	F F	C C or A C/A/B		20-20 ±1 20-20 ±0.5		105 110	0.003 0.003	20 20 20	D/T/E D/T/E/R D/T/E/R	18 27 24	1690.00 2790.00 2290.00	CD transport.		
ROTEL	RCD-930AX(RI)	1	DS-16	No	F	C		20-20 ±0.8		90	0.01	21	D/P/E/R	9	300.00			
	RCD-951(RI)	1	M-20	Yes	F	C		20-20 ±0.5		100	0.005	20	D/T/E/R	11	499.00			
	RCD-971(RI)	1	M-20	Yes	F	C		20-20 ±0.05		100	0.0025	20	D/T/E/R	12	699.00			
	RCD-991(RI)	1	M-20	Yes	F/B	C/T		20-20 ±0.05		100	0.0025	20	D/T/E/R	13	1299.00			
	RCC-935(RI)	5	DS-16	No	F	C		20-18 ±0.8		96	0.004	32	D/T/E/R	12	349.00			
	RCC-945(RI)	6	DS-18	No	F	C		20-20 ±0.8		96	0.01	16	D/T/E/R	13	500.00	Elevator-style storage bank.		



# THE DAWN OF A NEW AGE

Introducing the new **TRANSPORT 3** CD TURNTABLE and **PROCESSOR 3** DIGITAL PROCESSOR from Sonic Frontiers.

Setting a new standard in CD Transport & D/A Converter design in sound, engineering and visual presentation, the TRANSPORT 3 & PROCESSOR 3 bring the world of hardware and software together into one cohesive union. The IRIS™ is the perfect complement to our reference quality PROCESSOR 3 Digital Processor which together benefit from the jitter-leading I<sup>2</sup>S•Enhanced digital interface, assuring you the clearest sound, and most life like presentation of your music.



## TRANSPORT 3

- IRIS™ access hatch. Allows you the flexibility to place your TRANSPORT 3 on either a shelf or on top of your component stand.
- Philips' cast aluminum CDM-12 Industrial top loading mechanism.
- UltraAnalog's I<sup>2</sup>S•Enhanced digital interface reduces jitter to levels below the measurable threshold of today's most advanced commercial test equipment.



- Enhanced power supply ensures complete electrical isolation between motors, optics, digital clock and AC line voltage.

- Includes SFI's famous, ergonomic, machined aluminum remote control.

## PROCESSOR 3

- modular design to all but guarantee compatibility with future digital formats
- improved digital transmission via the I<sup>2</sup>S•Enhanced digital interface for a major reduction in jitter
- improved output stage featuring 4 paralleled 6922's and the elimination of output coupling caps (direct coupled servo circuit) for reduced output impedance across the entire audio bandwidth
- discrete I-V stage, formerly an integrated function within the UltraAnalog D20400A DAC, now housed in it's own module offering improved performance over traditional op amps
- outboard power supply

For those who simply require the best in digital playback, look no further than the TRANSPORT 3 & PROCESSOR 3 - two incredible pieces of digital audio equipment which serve the music through advanced and innovative engineering.

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CIRCLE NO. 61 ON READER SERVICE CARD





# CD & DVD PLAYERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Disc Capacity	D/A Conversion Type (See Code) and Resolution (Number of Bits)	HDCD Decoding?	ANALOG OUTPUTS			DIGITAL OUTPUTS			Frequency Response, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Number of Programmable Selections	Repeat Functions: Entire Disc=D, Track=T, A-B Phase=P, Entire Program=E, Random Play=R	Weight, Pounds (To Nearest Pound)	Price, \$	Notes	
					Fixed=F, Variable=V, Balanced=B, Headphone=H	See Code	See Code	See Code	See Code										
CONVERSION TYPE M—Multibit DS—Delta-Sigma ("1-Bit") H—Hybrid	VIDEO OUTPUTS C—Composite Video S—S-Video P—Component Video R—RGB	DIGITAL OUTPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) 3—RF (Laserdisc AC-3) O—Other																	
SYMPHONIC LINE	CD Reference(RI)	1	-20	No	F	C				20-50 ±0.5		0.005	24	D/T/P	65	7500.00			
TANDBERG	TCP4035(RI)	1	-16	No	F	C				20-20 ±0.5	100	0.01	16	D/T/E	12	1499.00			
TEAC	PD-D2500(RI) PD-D2400(RI) PD-D1270(RI) PD-H570 PD-H500 VRDS-25N(RI) VRDS-10SE(RI) VRDS-9(RI) CD-P1440(RI) CD-P1120(RI)	5 5 5 7 1 1 1 1 1 1	M-16 M-16 DS DS DS		V/H V/H F F F F F F V/H					5-20 ±1 5-20 ±1 5-20 ±1 20-20 ±2 20-20 ±2 0-20 ±0.3 1-20 ±0.3 1-20 ±0.3 20-18 ±0.4	90 90 100 100 100 110 110 110 80	0.03 0.03 0.03 0.008 0.02 0.0013 0.0013 0.0015 0.09	32 32 32 32 32 20 20 20 20	D/T/E D/T/E D/T D/T/E D/T/E D/T/E D/T/E D/T/E D/T/E	17 17 17 9 9 36 23 20 8	249.00 219.00 199.00 449.00 329.00 2900.00 2100.00 1250.00 299.00		Dual-voltage. As above. As above. As above; pitch control; optional rack-mount kit. Dual-voltage; optional rack-mount kit.	
TECHNICS	SL-MC70(RI) SL-MC3(RI) SL-MC6(RI) SL-PD688(RI) SL-PD888(RI) SL-PD988(RI) SL-PG480A(RI) SL-PS770D(RI)	60 + 1 60 + 1 110 + 1 1 5 5 5 1 1	DS DS OS DS DS DS DS DS						2-20 ±1 2-20 ±1 2-20 ±1 2-20 ±1 2-20 ±1 2-20 ±1 2-20 ±1 2-20 ±0.3	100 100 100 100 100 100 100 20	0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.0023	32 32 32 32 32 32 32 20	D/T/P/E/R D/T/P/E/R D/T/P/E/R D/T/P/E/R D/T/P/E/R D/T/P/E/R D/T/P/E/R D/T/P/E/R	14 14 16 10 10 10 10 7 9	200.00 250.00 300.00 160.00 180.00 230.00 150.00 400.00		CD Text search and display. As above.		
THETA DIGITAL	Voyager(RI) DaViD(RI) Pearl(RI) Jade(RI) Miles(RI)	1 1 1 1 1							C/B/3 C/B C C/B C	C/S/P C/S/P C/S/P C/S/P C/S/P					24 24 24 24 24	D/T/P/E/R D/T/P/E/R D/T/E/R D/T/E/R D/T/E/R	55 27 21 25 23	6500.00 4500.00 1235.00 2495.00 2195.00	CD/DVD/laserdisc transport; fixed analog output for laserdisc analog soundtracks only; compatible with DTS and 24-bit/96-kHz soundtracks; optional AT&T output. CD/DVD transport; compatible with DTS and 24-bit/96-kHz soundtracks; optional AT&T output. CD transport; optional AT&T and AES/EBU outputs. CD transport; optional AT&T output. Volume control; optional AT&T and AES/EBU outputs; with optional balanced analog output, \$2595.00.
THORENS	TCD 2000(RO)	1	-16		F/H	C				20-20 ±0.2	110		29	D/T/P/E/R	12	2960.00			
THULE AUDIO	CD 100(RI) CD 150B(RI)	1 1	DS DS	No No	F F/B	C C								D/P/E D/P/E		995.00 1500.00	Fully balanced circuitry.		
TOSHIBA	SD7108(RI) SD3108(RI) SD2108(RI) SD2008(RI)	1 1 1 1	DS-24 DS-24 DS-24 DS-24	No No No No	F/H F/H F F	C/T C/T C/T C	C/S/P C/S/P C/S/P S/P	4-22 4-22 4-22 4-22	116 116 116 116	0.001 0.001 0.001 0.001	20 20 20 20	D/T/P/E D/T/P/E D/T/P/E D/T/P/E	12 10 10 10	1199.00 799.00 599.00 499.00		CD/DVD player; decodes 96-kHz recordings. As above. As above. As above.			
TUBE TECHNOLOGY	Fulcrum(RI)	1				C/T/B							16	D/T/P/E/R		1700.00	CD transport; master clock sync with Fulcrum D/A converter; disc error indicator.		
ULTECH AUDIO	UCD-100(RI)	1	-20	Yes	F	C				5-20 ±1	110	0.001	16	D/T/P/E/R	19	895.00			
VAC	CDP-1(RO) DVD-1(RO)	1 1	M-18 DS-24	Yes Yes	F F	C C/T/3	C/S/P C/S/P	20-20 ±0.5 20-20 ±0.5	98 110	0.05 0.01	10 10	D/T D/T	29 24	8290.00 8490.00		Tube analog stage; optional remote, \$250.00. CD/DVD player; remote as above.			
WADIA DIGITAL	Wadia 830(RI) Wadia 850(RI) Wadia 860(RI) Wadia 270(RI)	1 1 1 1	M M M	No No No	V/B V/B V/B		C/T/A/B C/T/A/B						20 20 20	D/T D/T/P D/T/P	16 42 48	3250.00 4950.00 7450.00 7950.00	Digital volume control; optional digital inputs (coaxial, Toslink, and AT&T) and outputs (coaxial and AT&T); upgradable for 96-kHz recordings. As above. Digital volume control; coaxial, Toslink, AT&T, and AES/EBU digital inputs; upgradable for 96-kHz recordings. CD transport; master clock sync with Wadia 271 D/A converter.		
YAMAHA	DVD-C900(RI) DVD-S700(RI) CDM-900 CDC-765(RI) CDC-665(RI) CDC-565(RI) CDX-393(RI)	5 1 110 + 1 1 5 5 5 1	DS-24 DS-24 DS DS-20 DS-18 DS-18 DS	No No No No No No No		C/T C/S/P T T F F	C/S/P C/S/P	2-20 2-20 ±0.5 20-20 ±0.5 20-20 ±0.5 20-20 ±0.5	115 115 106 115 106 102 105	0.002 0.002 0.003 0.0025 0.003 0.004 0.003					8 13 13 13 13 8	1199.00 799.00 499.00 349.00 269.00 199.00 219.00	CD/DVD changer; passes DTS signals; with amber gold finish and wood side panels, DVD-C900EL, \$1399.00. CD/DVD player; passes DTS signals. Can be daisy-chained with another unit. Pro-Bit and S-Bit Plus DAC; reloadable during play. S-Bit DAC; reloadable during play. As above.		
YBA	CD1(RI) CD2(RI) CD3(RI) CD Special(RI) CD Intégré(RI)	1 1 1 1 1	M-18 M-18 M-18 M-18 M-18	No No No No No												6000.00 4800.00 3400.00 1095.00 1795.00	Top-loading; external power supply; additional external power supply, \$2000.00. Top-loading. As above.		

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CIRCLE NO. 75 ON READER SERVICE CARD

# D/A CONVERTERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Sampling Rates: 48 kHz = A, 44.1 kHz = B, 32 kHz = C	Conversion System: Type (See Code) and Resolution (Number of Bits)	Number of Converters per Channel	Preamp Functions: Volume = V, Tone = T, Source Selection = S	HDCD Decoding?	Provision for Future Upgrades: Board Replacement = B, ROM Change = R, Software Change = S	INPUTS & OUTPUTS				Frequency Response for 44.1-kHz Sampling, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Price, \$	Notes	DIGITAL IN'S & OUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other
								Digital Inputs: Number and Type—See Code	Digital Outputs: Number and Type—See Code	Analog Outputs: Fixed = F, Variable = V, Balanced = B	Frequency Response for 44.1-kHz Sampling, Hz to kHz, ±dB						
ACCUPHASE	DC-91(RO) DC-61(RO)	A/B/C A/B/C	M-24 M-24	16 6	V/S V/S	No	B B	F/B F/B	5C/5T/1A/2B 3C/2T	3C/3T/1B 2C/2T	4-20 ±0.3 4-20 ±0.3	120 120	0.002 0.0024	13,995 5,995.00	Translates 44.1-kHz input signals to 48 kHz before converting.		
ADCOM	GDA-700	B	M-20	1	S	Yes	No	F	2C/1T/1B	1C/1B	0-20 +0, -0.5	112	0.009	1,000.00	Selectable polarity.		
ALCHEMIST	Forseti DAC APD34A	†	M-24		V/S	No		V/B	3C/1B	2C/1B	20-22 ±0.1	101	0.01	2,000.00	†96, 48, and 44.1 kHz.		
ALTIS AUDIO	Reference		DS-24	2		No	B/R/S	F/B	1C/1A/1B	1C	20-24 ±0.5	120	0.01	4,950.00	Selectable polarity.		
AMC	DAC 8 DAC 9-5404u	A/B/C A/B/C	M-18 M-18	1 1	S S	No No	No No	F F	3C/1T 1C/1T	1C	20-20 ±0.3 20-20 ±0.3	104 104	0.005 0.005	249.00 549.00	Digital tape output. Single-ended tube analog stage.		
ANALOG RESEARCH	Segue	A/B/C	M-20	1		No	No	F/V	2C		2-20 +0, -0.2	103	0.01	2,500.00	Selectable polarity.		
ARAGON	D2A2	A/B/C	-20	1	S	Yes	B	F	2C/1T/1B		20-20 ±0.2	110	0.005	999.00	Uses UltraAnalog AES 21.		
ARCAM	Delta Black Box 50 Delta Black Box 500	A/B/C A/B/C	H DS	2 2	V/S	No	B	F V	1C/1T 2C/2T/1B	1C/1T	10-20 ±0.5 20-20 ±0.05	103 105	0.005 0.005	899.00 1,500.00	Selectable polarity.		
AUDIO BY VAN ALSTINE	5211 TOPP-DAC FV TOPP-DAC	B B	M-16 M-16	1 1		No No	B B	F F	1C 1C		15-20 ±0.3 15-20 ±0.2	96 97	0.02 0.02	599.00 949.00	Tube/transistor hybrid.		
AUDIO DESIGN	ProBox-15(RO)	A/B/C	DS-20	1	S	No	No	B	1C/1T/1B	1B	20-20 ±0.2	115	0.0016	1,780.00			
AUDIOLAB	8000DAX	A/B/C	M-24		S	Yes	No	F	3C/3T/1B	1C	2-20 ±0.5	100	0.003	1,195.00	Direct-coupled analog circuits; dual analog outputs.		
AUDIO LOGIC	34 dsb	†	H-24	4		No	B/R/S	F/B	1C/1A/1B	1C	4-21.5 ±0.1	100	0.02	4,800.00	†32 to 96 kHz.		
AUDIO MATIÈRE	Arpège					No		F	2C/1T			98		4,550.00	Tube analog stage.		
AUDIOMECA	Elixir Ambrosia		DS	1		No No		V V			20-20 ±0.1		0.01	1,295.00 2,495.00			
AUDIO NOTE	DAC-1 DAC-2 DAC-3 DAC-3 Sig. DAC-4 DAC-4 Sig.					No No No No No No	No No No No No No	F F F F F F	1C/1T 1C/1T 1C/1T 1C/1T 1C/1T 1C/1T	C C C C C C			1,295.00 1,995.00 3,195.00 5,500.00 9,995.00 19,000.00	Tube analog stage. As above. As above. As above. As above. As above.			
AUDIO RESEARCH	DAC3 MKII	B	DS-20	1	S	No	No	F/B	C/T/A/B	1C/1B	0.1-20 ±0.2	90	0.005	3,995.00	Tube analog stage; selectable polarity.		
AUDIO SYNTHESIS	DAX-2	A/B/C	-20	2			B	F	1C/1T/1A/1B		1-20 ±0.25	108	0.0002	4,695.00	With balanced analog outputs, \$6195.00.		
BENCHMARK MEDIA SYSTEMS	DAC2002 DAC2004 DAC2008	A/B/C A/B/C A/B/C	DS DS DS	2 2 2		No No No	R R R	F/B F/B F/B	1C/1T/1B 2C/2B 4C/4B		0-20 ±0.1 0-20 ±0.1 0-20 ±0.1	114 109 109	0.0004 0.0004 0.0004	2,200.00 4,200.00	Four-channel analog out. Eight-channel analog out.		
BIRDLAND AUDIO	Odéon-m1	†	DS-24	1	V/S	No	B	F/V	††	1C/1T	10-20 +0, -1	114	-97 dBFS	3,500.00	Passive preamp with DAC (see also "Preamps"). †96, 48, 44.1, and 32 kHz. ††Four (each coaxial or Toslink).		
BOULDER AMPLIFIERS	2020(RI)	A/B/C	M-24	5	S	No	B/R/S	F/B	1T/1A/4B	2B	20-20 ±0.01	118	0.0009	34,000	AES/EBU record output with independent source selection (optional plug-in coaxial digital adaptor, \$125.00).		
BURMESTER	970 980	† †	M-24 M-24	2 2	V/S V/S	Yes Yes	B/R/S B/S	F/V/B F/V/B	2C/1T/1A/1B/0 2C/1T/1B	1C/1T	20-20 ±0.05 20-20 ±0.05	115 110	0.0015 0.002	33,600	Master clock sync with 969 and 979 CD transports. †96, 48, 44.1, and 32 kHz. As above.		
CAIRN	Bernina	†	M-24	1	S	No	B	F/B	3C/1T/1B	1C/1T	20-20 ±0.5	120	0.001	2,200.00	†96, 88.2, 48, 44.1, and 32 kHz.		
CALIFORNIA AUDIO LABS	Gamma Sigma II Alpha	B A/B A/B	DS-18 DS-18 DS-18	1 1 1	S S S	No No No		F F F	1C/1T 1C/1T 1C/1T/1A/1B		10-22 +0, -0.05 5-22 +0, -0.05 5-22 +0, -0.05	90 100 100	0.006 0.005 0.005	195.00 750.00 1,495.00	Tube analog stage. As above.		
CAMBRIAGE AUDIO	DAC Magic 2	A/B				No	No		C/B	1C/1T				599.00	Dual-differential DAC.		
CAMELOT TECHNOLOGY	Arthur v3.0 Mk.2 Uther v2.0 Mk.2(RI) Uther v3.0(RI) The Dragon Cinema The Dragon Pro 2 Mk.2	A/B/C A/B/C † † A/B/C	M-20 M-20 M-24	1 2 2	S V/S S	Yes Yes No	No No No	F F/V/B F/V/B	C/T/B/O 2C/1T/1A/2B/2O 1C/1T/10	1C/10 1C/1T/10				899.00 2,995.00 3,995.00 499.00 1,495.00	I <sup>2</sup> S inputs; Class-A analog stage; optional AT&T input. Fully balanced analog and digital circuitry; I <sup>2</sup> S inputs; I <sup>2</sup> S output. †96, 48, 44.1, and 32 kHz. Jitter-reduction device for CD, Dolby Digital (AC-3), and DTS signals; I <sup>2</sup> S input and output. Dual-PLL jitter-reduction and resolution-enhancement device; I <sup>2</sup> S input and output.		
CELLO LTD.	Reference	A/B/C	-20	1	S	No	B/R/S	F/V/B	2C/4B		20-20 ±0.5	108.5	0.005	11,000	UV-22 encoding.		
CHORD ELECTRONICS	DSC 1100(RI) DSC 1500(RI)								1C 1C/3T/1B	1C 1C/1T/1B		110 110	0.003	4,500.00 6,750.00			
CLASSÉ AUDIO	DAC-1	A/B/C	-20	1		Yes	B/R/S	F/B	2C/1T/1A/1B		20-20 ±0.1	110	0.003	3,995.00	Dual DAC.		
CONRAD-JOHNSON	DA2 B		DS	1	S	No	B	F	2C/1T	1C	20-20 ±0.5		0.1	1,995.00	Tube analog section; optional AT&T input.		

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CIRCLE NO. 85 ON READER SERVICE CARD

# D/A CONVERTERS

MANUFACTURER	Model (RI) = Remote Included (RO) = Remote Optional	Sampling Rates: 48 kHz = A, 44.1 kHz = B, 32 kHz = C	Conversion System Type (See Code) and Resolution (Number of Bits)	Number of Converters per Channel	Preamp Functions: Volume-V, Tone-T, Source Selection-S	HD/CD Decoding?	Provision for Future Upgrade? Board Replacement=A, ROM Change=R, Software Change=S	INPUTS & OUTPUTS		Frequency Response for 44.1-kHz Sampling, ±dB	S/N, A-Weighted, dB	THD %	Price \$	Notes	DIGITAL INS & OUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other
								Digital Inputs: Number and Type—See Code	Digital Outputs: Number and Type—See Code						
dCS	Elgar(RI)	†	M-24	1	V/S	No	B/R/S	F/V/B	2C/1T/1A/2B		1-20 ±0.15	110	12,000	DAC/digital preamp (see also "Preamps"); Sony/Philips DSD decoding. †192, 176.4, 96, 88.2, 48, 44.1, and 32 kHz. SDIF-2 input; Toslink and AT&T inputs may be substituted for coaxials; word-clock output. As above. †96, 88.2, 48, 44.1, and 32 kHz. Sony/Philips DSD decoding; word-clock input and output. †192, 176.4, 96, 88.2, 48, 44.1, and 32 kHz.	
	950(RO)	A/B/C	M-24	1	S	No	B/R/S	F/V/B	3C/2B/1O		1-20 ±0.15	110	6850.00		
	952(RO)	†	M-24	1	S	No	B/R/S	F/V/B	3C/2B/1O		1-20 ±0.15	110	9850.00		
	954(RO)	†	M-24	1	V/S	No	B/R/S	F/V/B	4B/1O		1-20 ±0.15	110	12,000		
DENON	OA-S1	A/B/C	M-20	2	S	No		F/B	2C/1T/1A/1B	1T/1A	20-20 ±0.2	120	0.0015	7000.00	Proprietary DAC; master clock sync with DP-S1 CD transport.
DODSON AUDIO	DAC263H	A/B/C	M-20	2	S	Yes	B	F	1C		20-20 ±0.1	110	0.0015	1995.00	Selectable polarity; optional AT&T or AES/EBU inputs; optional balanced analog outputs.
	DA217-MKII	A/B/C	M-20	2	S	Yes	R/S	F/B	2C/1T		20-20 ±0.1	115	0.001	3795.00	Optional AT&T or AES/EBU input.
DPA DIGITAL	PDM 1024	A/B/C	-24			No	B	F/B	2C/1T/1A	1C/1T/1B	20-20 ±0.1	98	0.01	11,500	Proprietary DAC; master clock sync with DPA CD player or CD transport.
	PDM 256	A/B/C	-24			No	B	F/B	2C/1T/1A	1C/1T/1B	20-20 ±0.1	98	0.01	6600.00	As above.
	PDM Two Enlightenment DAC	A/B/C	DS -24	1		No	B	F	2C/2T	1C/1T	20-20 ±0.5	109	0.008	4295.00	Clock sync as above.
	Renaissance DAC	A/B/C	-24			No	B	F	1C/1T	1C/1T	20-20 ±0.5	98	0.01	1595.00	As above; proprietary DAC.
	TLB-III	A/B/C	-24			No	B	F	1C/1T	1C/1T	20-20 ±0.5	98	0.01	1049.00	As above.
EAD	TheaterMaster Encore(RI)	A/B/C	M-20	1	V/S	No	B/R/S	V	4C/1T/1A	1C	10-22 ±0.4	98	0.001	2995.00	DAC/preamp/surround (see also "Preamps" and "Surround Processors").
	TheaterMaster Ovation(RI)	A/B/C	M-20	1	V/S	Yes	B/R/S	V/B	4C/1T/1A	1C	10-22 ±0.4	110	0.001	4495.00	As above.
	TheaterMaster Signature(RI)	A/B/C	M-20	1	V/S	Yes	B/R/S	V/B	4C/1T/1A	1C	10-22 ±0.4	113	0.001	6495.00	As above.
ELECTRONIC VISIONARY SYSTEMS	DAC-1	†	DS-24	1		No			1C or 1A		20-20 ±0.1	110	0.003	1000.00	†96, 48, 44.1, and 32 kHz. Upgradable at factory.
ENCORE ELECTRONICS	Ovation 4	A/B/C	-20	2	S	Yes	B	F	1C/1B		0.01-20 +0,-0.1	110	0.01	1995.00	Optional balanced DACs and balanced analog outputs, \$730.00; optional AT&T input, \$200.00.
	Pyramid 1 DAC	A/B/C	-20	2	S	Yes	B	F	1C/1A/1B		0.01-20 +0,-0.1	110	0.01	3600.00	Selectable polarity and analog filter setting; optional balanced DACs and balanced analog outputs, \$900.00; optional Toslink-to-AT&T adaptor.
	Pyramid 1 System(RI)	A/B/C	-20	2	V/S	Yes	B	F/V/B	1C/1T/1A/1B	2A/2B	0.01-20 +0,-0.1	115	0.01	14,600	Controller and separate mono DAC modules with analog preamps; selectable polarity and analog filter settings; both analog and digital, balanced and unbalanced inputs and outputs.
ENSEMBLE	Dichrono DAC (EC)	A/B/C	M-24	1	S	Yes	B	F/B	4C/1B		20-20 ±0.06	110	0.001	9400.00	Selectable polarity; one or more AT&T inputs optional.
	Dichrono DAC/PRE (EC)	A/B/C	M-24	1	V/S	Yes	B	F/V/B	4C/1B	1C	20-20 ±0.06	110	0.001	11,500	DAC/Class-A preamp (see also "Preamps"); as above.
ENTEC	Number Cruncher 1.1	A/B/C	DS			No	B	F	2C		0-20 ±0.1			3995.00	Includes data-transmitter module (fits on CD players).
	Number Cruncher 1.5	A/B/C	DS			No	B	F	1C	1C	0-20 ±0.1			4995.00	As above; upgrades of above model's capacitors, wiring, and data pump; includes digital cable.
ENTECH BY MONSTER	Number Cruncher 205.2	A/B/C	DS-20	1		No	R	F	2C/1T		20-20 ±0.25	113	0.005	449.95	
	Number Cruncher 203.2	A/B/C	DS-20	1		No	R	F	1C/1T		20-20 ±0.25	113	0.005	299.95	
GENESIS TECHNOLOGIES	Genesis Digital Lens	A/B/C					S		1C/1T/1A/1B	1C/1T/1A/1B				1800.00	Jitter-reduction device; temperature-controlled reclocking oscillator; 20-bit output.
GOLDMUND	SRDA	A/B/C			S	No	†	F	††					1990.00	Proprietary DAC. †Upgradable via plug-in module. ††Three digital inputs, each with one coaxial jack and one AES/EBU connector.
	Mimesis 12++	A/B/C			S	No	†	F	††					4250.00	DAC, upgrading, and digital inputs as above.
	Mimesis 10++P	A/B/C			V/S	No	†	V	††	2C/2T				15,490	DAC and upgrading as above. ††Eight digital inputs, each with one coaxial jack and one Toslink connector.
	Mimesis 20	A/B/C			S	No	†	F	††	2C/2B			0.001	25,000	DAC as above. †Upgradable via software change and plug-in module. ††Eight digital inputs, choice of types.



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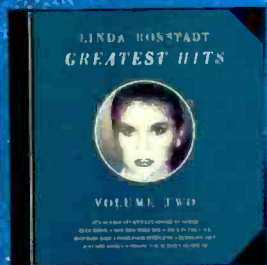
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Audio, April 1998



GZS-1128

### LINDA RONSTADT *Greatest Hits, Volume 2*

"It's So Easy" to fall in love with this classic collection from female rocker Linda Ronstadt! Features the Billboard charting top 10 rock classics *It's So Easy*, *Blue Bayou*, *Oh Baby Baby*, *Hurt So Bad* and *How Do I Make You*.



GZS-1129

### VAN HALEN *Van Halen*

**COMING SOON!**

An "eruption" of pure rock on 24 Karat Gold! Van Halen's debut album features the all-time rock anthems *Runnin' With The Devil*, *Ain't Talkin' 'Bout Love*, *You Really Got Me*, *Jamie's Cryin'*, *Eruption*, *Atomic Punk* and *Feel Your Love Tonight*.



GZS-1127

### NAT "KING" COLE *The Greatest Hits*

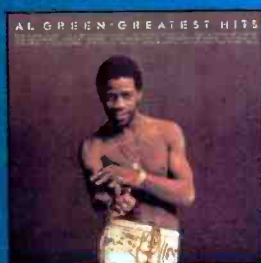
Features seven top 10 Billboard Pop Charting smash hits including *Ramblin' Rose*, *A Blossom Fell*, *Send For Me*, and *If I May*. Also includes *Mona Lisa*, *Unforgettable* (Duet with daughter Natalie) and *(Get Your Kicks On) Route 66*.



GZS-1126

### JETHRO TULL *Original Masters*

An audio celebration of the "original masters" of progressive rock! Features 4 Billboard charting hits in *Living In The Past*, *Bungle In The Jungle*, *Minstrel In The Gallery* and *Locomotive Breath*.



GZS-1125

### AL GREEN *Greatest Hits*

Features 15 Billboard charting smash hits! Includes classics like *Call Me* (*Come Back Home*), *Sha La La* (*Make Me Happy*), *Look What You Done For Me*, *I'm Still In Love With You*, *You Caught A Be With Me* and the #1 hit *Let's Stay Together*.



GZS-1123

### THE CARS *The Cars Greatest Hits*

This incredible album drives home 4 Billboard charting top 10 smash hits in *You Might Think*, *Tonight She Comes*, *Shake It Up and Drive*. Other hits include *Magic*, *Just What I Needed*, *My Best Friend's Girl*, *Good Times Roll* and more!

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- GZS-1117 Elvis Presley/ELVIS 24 Karat Hits!\*
- GZS-1115 Harry Belafonte/Jump Up Calypso\*
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# D/A CONVERTERS

MANUFACTURER	Model (RI) = Remote Included (RO) = Remote Optional	Conversion Type M—Multibit DS—Delta-Sigma ("1-Bit") H—Hybrid	Sampling Rates: 48 kHz=A, 44.1 kHz=B, 32 kHz=C	Conversion System: Type (See Code) and Resolution (Number of Bits)	Number of Converters per Channel	Preamp Functions: Volume-V, Tone=T, Source Selection=S	HD/CD Decoding?	Provision for Future Upgrade? Board Replacement-B, ROM Change=R, Software Change=S	INPUTS & OUTPUTS		Frequency Response for 44.1-kHz Sampling, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Price, \$	Notes	DIGITAL IN'S & OUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other
									Digital Inputs: Number and Type—See Code	Digital Outputs: Number and Type—See Code						
JADIS	JS1 Super JS2 JS3												12,325 5495.00 3995.00	Tube analog stage; external power supply. Tube analog stage.		
JRM	DA-20P	†	M-20	4	V/T/S	No		F/V	4C/4B	1C/1B		0-20 ±0.1	0.001	2610.00	Preamp/DAC (see also "Preamps"); compatible with variable-pitch CD players; four analog inputs; connections for Remote Unit equalizer. †Sampling rates from 25 to 50 kHz.	
KORA ELECTRONIC CONCEPT	Hermes	B	DS-18	1		No		V/B	2C/1B			20-20 ±0.1		3795.00	Tube analog stage; 2- and 5-V rms output levels.	
LANGEVIN	20 Bit D to A Langevin	A/B/C	-20	1	V/S	No	No	V	1C/1B			20-20 ±0.1	110	0.002	1575.00	Selectable polarity; UltraAnalog DAC.
LEGEND AUDIO DESIGN	Classical														4995.00	
LEHMANN AUDIO	DAC+	A/B/C	DS-20	1	V/S	No		V	2C/1T/1B	1C/1T/1B		20-20 ±0.3	107	0.0005	1995.00	Preamp/DAC (see also "Preamps").
MARK LEVINSON	No. 360	†	M-20	2	V/S	Yes	B/R/S	F/V/B	2C/1T/1A/2B	1B		20-20 ±0.01			4500.00	Decodes 24-bit signals; communicates with Mark Levinson 30 Series components; compatible with PHAST communication systems. †96, 48, 44.1, and 32 kHz. As above. ††Includes volume control and source selector; optional digital tone control to be available via software download. As above; upgrade of Mark Levinson No. 30.5; external power supply.
	No. 360S	†	M-20	2	††	Yes	B/R/S	F/V/B	2C/1T/1A/2B	1B		20-20 ±0.01			7500.00	
	No. 30.6	†	M-20	2	††	Yes	B/R/S	F/V/B	2C/2T/1A/3B	1T/2B		20-20 +0,-0.2			16,950	
LEXICON	DC-1/Base(RI)	B	DS-20	1	V/S	No	B/R/S	V	2C/2T			10-20 ±0.5	90	0.01	1995.00	Preamp/DAC/surround (see also "Preamps" and "Surround Processors"); Dolby Pro Logic. As above; Home THX processing; Logic 7 decoding. As above; Dolby Digital (AC-3) decoding. As above; DTS decoding.
	DC-1/THX(RI)	B	DS-20	1	V/T/S	No	B/R/S	V	2C/2T			10-20 ±0.5	90	0.01	2995.00	
	DC-1/AC-3(RI)	A/B	DS-20	1	V/T/S	No	B/R/S	V	2C/2T			10-20 ±0.5	90	0.01	4500.00	
	DC-1/DTS(RI)	A/B	DS-20	1	V/T/S	No	B/R/S	V	2C/2T			10-20 ±0.5	90	0.01	4995.00	
LINN	Numerik	A/B	M-20	1		No		F	2C			20-20 ±0.1			2595.00	Master clock sync with Karik CD player.
MACH 1 ACOUSTICS	DMS Standard	A/B/C	-20	1			No	F/B	1C/1T/1B			20-20 ±0.01	105	0.001	1795.00	
	DMS Reference	A/B/C	-20	1			No	F/B	1C/1T/1B			20-20 ±0.01	105	0.001	2295.00	
MANLEY LABS	C-DAC 20(RI)	A/B/C	H-20	1	V/T/S	Yes		V/B	1C/1T/1A/1B	1C		20-20 ±0.1	110	0.002		Preamp/DAC (see also "Preamps"). UltraAnalog DACs and AES 21 input receiver; selectable polarity; fully differential; tube analog stage. Tube analog stage.
	Reference	A/B/C	-20	1	V/S	Yes	No	V/B	3C/1A/3B			20-20 ±0.1	110	0.002	10,560	
	Lab Series Delta Sigma	A/B/C	DS	1	V/S	No	No	V	1C			20-20 ±0.1	100	0.002	1150.00	
MELOS TECHNOLOGIES	MAX-3R	B	M-20	1		Yes	B	F/V/B	C/T/B	C/B		20-20 ±0.1	90	0.09	2895.00	Tube analog stage; Class A; zero feedback.
MERIDIAN	566.24	A/B/C	DS-24	2		No	B/S	F/B	3C/1T/1B			20-20		0.003	2495.00	
MONARCHY AUDIO	18	B	M-18	1	V	No	No	F/V	1C/1T/1B			20-20 ±0.1	100	0.005	959.00	Digital dithering. Jitter-reduction and reclocking device.
	22B	B	M-20	1	S	No	No	F/B	1C/1T/1B			20-20 ±0.1	105	0.004	1179.00	
	22C	B	M-20	1	V/S	No	No	F/V/B	1C/1T/1B			20-20 ±0.1	110	0.003	1499.00	
	DIP	B	M-20	1				F/V/B	1C/1T	1C/1B		20-20 ±0.1	110	0.003	239.00	
MSB TECHNOLOGY	The Link	A/B/†	DS-24	4		No	No	F	1C/1T			20-20 ±0.1	100	0.007	295.00	†96-kHz capability. Six channels. Jitter-reduction device; automatic input switching; coax-to-Toslink and Toslink-to-coax conversion; one-in/three-out digital signal splitting.
	Gold PS-2	A/B	M-24	4	S	No	No	F	1C/1T/1A			20-20 ±0.1	100	0.007	3395.00	
	Triple DAC	A/B	DS-24	4		No	No	F	1C/1T			20-20 ±0.1	100	0.007	995.00	
	Digital Director	A/B		4	S	No	No	F	4C/2T	2C/1T		20-20 ±0.1	100	0.007	399.00	
MUSEATEX AUDIO	BiDAT(RO)	A/B/C	DS	1	V	No	R/S	F/V/B	1C/1T/1A/1B	None		20-20 ±0.1	100	0.01	1999.00	Signal reclocking based on data-word preamble; selectable polarity. Signal reclocking as above.
	iDAT	B	DS	2		No	R/S	F	1C/1T	None		20-20 ±0.15	100	0.01	999.00	
MUSE ELECTRONICS	Two	A/B/C	M-20	1	S	Opt.	B/R/S	F/B	2C			0-22.05	106	0.005	1700.00	Optional AT&T and AES/EBU inputs. †S input. †S input with master clock sync; selectable polarity. †96, 48, 44.1, and 32 kHz (96 kHz available with †S input only).
	Two Plus	A/B/C	M-20	1	S	Opt.	B/R/S	F/B	1C/1B/10			0-22.05	112	0.005	2500.00	
	Two Ninety Six	†	M-24	1	S	No	B/R/S	F/B	1C/1B/10			0-22.05	112	0.005	3000.00	

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# D/A CONVERTERS

MANUFACTURER	Model (RI) = Remote Included (RO) = Remote Optional	Sampling Rates: 48 kHz-A, 44.1 kHz-B, 32 kHz-C	Conversion System: Type (See Code) and Resolution (Number of Bits)	Number of Converters per Channel	Preamp Functions: Volume-V, Tone-T, Source Selection-S	HD/CD Decoding?	Provision for Future Upgrade? Board Replacement=B, ROM Change=R, Software Change=S	INPUTS & OUTPUTS			Frequency Response for 44.1-kHz Sampling, Hz to kHz, ±dB	S/N, A-Weighted, dB	THD, %	Price, \$	Notes	DIGITAL INS & OUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other
								Digital Inputs: Number and Type—See Code	Digital Outputs: Number and Type—See Code	Analog Outputs: Fixed-F, Variable-V, Balanced-B						
MUSICAL DESIGN	DAC-1A	A/B/C	M-18	1		Yes	B	F	2C		20-20 ±0.1	100	0.005	995.00	Selectable polarity; optional digital inputs (BNC coaxial or AES/EBU). Selectable polarity.	
	DAC-1A20 DAC-1A Signature	A/B/C A/B/C	M-20 M-20	1 1		Yes Yes	B B	F F	2C 2C		20-20 ±0.1 20-20 ±0.1	103 103	0.005 0.005	1195.00 1995.00		
MUSICAL FIDELITY	X-DAC X-ACT	A/B/C A/B/C	H-18 H-18	1 1		Yes No	No No	F F	1C/1T 1C/1T	None None	20-20 ±0.2 20-20 ±0.3	100 105	0.008 0.05	499.95 295.00	External power supply. As above.	
NAD	118(RI)	A/B	DS	2	V/T/S	No	No	F/V	4C	2C	20-20 ±0.25	108	0.005	1599.00	Preamp/DAC/ADC (see also "Preamps").	
PARASOUND	D/AC-2000	A/B/C	M-20	1		Yes	No	F/B	1C/1T/1A/1B	1C	2-22 ±0.1	110	0.005	1995.00	UltraAnalog DAC.	
THE PARTS CONNECTION	DAC 2.5	†	M-24	1		Yes	B	F	2C/1T		20-20 +0.08,-0.5	107	0.005	699.00	Kit; selectable polarity; optional upgrade kit. †96, 48, 44.1, and 32 kHz. †2S input; optional upgrade kit.	
	DAC 3	†	M-24	2		Yes	B	F/B	2C/1T/1A/1B/1O		20-20 +0.05,-0.5	110	0.003	1299.00		
PASS LABORATORIES	D1	A/B/C	M-20	2	V/S	No		V/B	C/T/A/B		10-20 ±0.5	135	0.01	5000.00	Zero-feedback current-to-voltage converter.	
POLYFUSION AUDIO	800	A/B/C	M-20	1	S	No	B	F	3C/2A	None	10-20 ±0.2	104	0.006	2750.00	External DC power supply. As above. DAC/preamp; external DC power supply. As above. Module for Polyfusion Audio 940 preamp. As above.	
	805	A/B/C	M-20	1	S	Yes	B	F	2C/2A/1O	None	10-20 ±0.2	106	0.006	3250.00		
	900	A/B/C	M-20	1	V/S	No	B	F/V/B	3C/2A	None	10-20 ±0.2	104	0.006	3750.00		
	905	A/B/C	M-20	1	V/S	Yes	B	F/V/B	2C/2A/1O	None	10-20 ±0.2	106	0.006	4250.00		
	220	A/B/C	M-20	1		No	B	F	1C/1A	None	10-20 ±0.2	104	0.006	1250.00		
	230	A/B/C	M-20	1		Yes	B	F	1C/1A	None	10-20 ±0.2	106	0.006	1750.00		
PROCEED	DAP	A/B/C	M-18	2	V/S	Yes	B	F/V/B	2C/1T/1A/1B	1C	20-20 ±0.01	90	0.002	1995.00	Remote capable.	
R.E. DESIGNS	LNDAC-1	A/B/C	M-20	1		No	B/R/S	F	C		20-20 +0,-0.2	110	0.004	2200.00	Switchable dither.	
REGA RESEARCH	lo	A/B/C	H	2		No		F	1C	1C				850.00		
REVOX	DLC-1 A/D(RO)	A/B/C	DS-20	1	V/T/S	No	B/R	V	3C/3T/1O	3C/2T	20-20 ±0.2	100	0.001	2600.00	A/D converter; four analog inputs (including MM/MC phono); DB-9 digital input.	
SONIC FRONTIERS	Processor 3	A/B/C	-20	2		Yes	B	F/B	2C/1T/1A/1B/1O	1C				6999.00	External power supply; modular design; †2S digital interface.	
SPECTRAL AUDIO	SDR-2000 Professional	A/B	M-20	2		Yes	B/R	F/B	3C/1T/2B		0-22 ±0.3	120	0.002		Modular; external DPS-2000 power supply; master clock sync with SDR-3000 Reference CD transport.	
THETA DIGITAL	Casa Nova(RI)	†	DS-24	1	V/S	No	B/R/S	F/V/B	6C/2T/1B	2C	20-20 ±0.2	115	0.002	3000.00	Modular preamp/DAC/surround (see also "Preamps" and "Surround Processors"); additional DAC for analog taping, additional digital inputs, and additional digital outputs optional. †96, 48, 44.1, and 32 kHz. Modular preamp/DAC/surround (see also "Preamps" and "Surround Processors"); additional digital inputs optional. Selectable polarity; optional AT&T or proprietary digital input. As above; accepts 24-bit signals.	
	Casablanca(RI)	†	M-20	2	V/S		B/R/S	F/V/B	6C/2T	2C	20-21 +0,-0.2	120	0.002	5745.00		
	DS Pro	†	M-20	2	S	Opt.	B/R/S	F/B	3C/1T/1B	1C	20-21 +0,-0.2	120	0.002	2695.00		
	Basic III-a	†	M-20	1	S	Yes	B/R/S	F	3C/1B	1C	20-21.7 +0,-0.2	120	0.002	3995.00		
	DS Pro Generation VI Single Ended	†	M-20	2	S	Yes	B/R/S	F/B	3C/1B	1C	20-21.7 +0,-0.2	120	0.002	5995.00		
	DS Pro Generation VI Balanced Chroma 396	A/B/C	H-18	1	S	Opt.	B	F	1C/1T	1C	20-20 +0,-0.2	100	0.009	750.00		
	Progeny-a	A/B/C	H-18	1	S	No	B/R/S	F	1C/1T	1C	20-20.5 +0,-0.2	102	0.008	995.00		
Prime II-a	A/B/C	H-18	2	S	No	B/R/S	F/B	1C/1T	1C	20-20.5 +0,-0.2	108	0.002	1499.00			
THORENS	TDA 2000	A	-21	2				F	2C/1T	1C	5-20 ±0.1	117	0.0009	2000.00		
TIMBRE TECHNOLOGY	TT-1 2000	A/B/C	DS-20	1	S	No	B/S	F	2C/1T/1A		20-20 ±0.1	96	0.005	4895.00	Selectable polarity; with balanced analog output and with coaxial, Toslink, AT&T, and AES/EBU inputs (one each), \$5495.00; options as upgrade, \$1250.00.	
TUBE TECHNOLOGY	Fulcrum	†	-24		S	Yes	B	F/B	1C/2T/1B	1T	20-20 ±0.1	118	0.001	2300.00	Master clock sync with Fulcrum CD transport; selectable polarity. †32 to 192 kHz.	
ULTECH AUDIO	HD/CD-10	A/B/C	-20	1		Yes	No	F	1C/1T		5-20 ±0.1	103	0.001	895.00		
VAC	DAC MkII 22.1	A/B/C A/B/C	DS-18 M-18	2 1		No Yes	No No	F/B F	2C/1A 2C		20-20 ±0.2 20-20 ±0.2	98 96	0.08 0.1	5490.00 2190.00	Selectable polarity. As above; optional AES/EBU input.	
WADIA DIGITAL	Wadia 9(RI)	A/B/C	M	4	V/S	No	B/R/S	V/B	3A					13,500	Software-based; external power supply; upgradable for 96-kHz signals. Master clock sync with Wadia 270 CD transport; upgradable for 96-kHz signals.	
	Wadia 27i(RI)	A/B/C	M	4	V/S	No	B/R/S	V/B	2C/1T/2A/1B					8950.00		

# It Even Makes the Popcorn.



Upon entering your home theater, you push a single button...



The recessed lights turn on and then dim. Your components power up, one by one. The screen descends. Background music sets the mood. As you settle in your chair and the movie begins, you sense the aroma of fresh popcorn. You think to yourself – "hey! this is cool!"

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The only Programmable Power Control System that can perform a variety of functions to enhance your audio/video experience. First, it's the highest quality surge protection available, providing a clean operating environment and constantly monitoring incoming power.

Second, enhanced noise reduction and line conditioning allow your valuable components to give you the best picture and sound possible. And finally, the Max 2000's fully programmable outlets and relays allow the total automation of a home theater system from one spot.



Current sensing outlets, voltage sense connections and a master switch can all trigger on/off sequencing for the individual outlets and outlet banks. Infrared remote signals can be programmed to trigger various system functions such as volume, lighting and screen control. The Max 2000 even includes switchable 12V output for devices that require it.

## Panamax offers the ultimate in component protection for any size system.



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CIRCLE NO. 160 ON READER SERVICE CARD

# AMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	P/T	POWER AMP										Notes							
			Integrated Amp=L, Power Amp=P, Tube=T, Hybrid=H		Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	Cont. Average Watts/Channel into 8 Ohms		Bridged Mode: Avg. Watts/Channel into 8 Ohms		Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)	Price, \$	
			No	Yes						Cont. Average Watts/Channel into 4 Ohms	Rated THD, %									
ABACUS AUDIO	ACE	P/T	1	No	100	400		8	8		0.37	20-30	A1		20	1191.00 Pair	Single-ended; optional volume or gain control; optional variable feedback control.			
ACCUHASE	M-2000	P	1	Yes	†	1.78V		250	500		0.03	20-20	AB		110	27,000 Pair	Operates into 1 ohm. †Balanced, 40 kilohms; unbalanced, 20 kilohms.  Additional line boards available. Logic-controlled relays for signal routing; without phono stage, E-210, \$2495.00.			
	A-50	P	2	Yes	†	110		50	100		0.02	20-20	A		107	14,995.00				
	A-20	P	2	Yes	†	500		20	40	80	0.02	20-20	A		48	5795.00				
	P-700	P	2	Yes	†	120		350	500	1000	0.02	20-20	AB		93	12,995.00				
	P-550	P	2	Yes	†	270		270	420	840	0.02	20-20	AB		73	8995.00				
	P-450	P	2	Yes	†	40	1.59V	200	300	600	0.02	20-20	AB		68	6000.00				
	P-350	P	2	Yes	†	40		150	210	420	0.02	20-20	AB		52	3500.00				
	E-406V(RI)	P	2	Yes	†	147		170	220		0.02	20-20	AB		51	7000.00				
	E-306V(RI)	I	2	Yes	†	113		100	140		0.035	20-20	AB		46	4200.00				
	E-210A(RI)	I	2	Yes	†	201		80	110		0.04	20-20	AB		41	2670.00				
ACOUSTIC MASTERPIECE	AM-M101	P/T	2	No	100	2V		†			1	20-20			38	2095.00	†Ultra-Linear mode, 12 watts; triode mode, 8 watts.			
ACURUS	A200	P	2	No	20			200	300		0.06	20-20	AB	3	35	999.00				
	A200x3	P	3	No	20			200	300		0.06	20-20	AB	3	45	1399.00				
	A100	P	2	No	20			100	150		0.06	20-20	AB	3	22	649.00				
	A100x3	P	3	No	20			100	150		0.06	20-20	AB	3	35	949.00				
	A125x5	P	5	No	20			125	190		0.06	20-20	AB	3	35	1599.00				
	DIA150 Remote	I	2	No	10	200	No	150	200		0.09	20-20	AB	3	55	1499.00				
ADCOM	GFA7500	P	5	No	50			150	225			20-20	AB	1.9	56	1500.00	THX processing; 12-V triggering. 12-V triggering  3 to 30-V AC/DC triggering; auto on/off. As above. †175 watts x 3. †Balanced, 10 kilohms; unbalanced, 105 kilohms.			
	GFA7400	P	5	No	50			100	150			20-20	AB	2.5	42	1000.00				
	GFA7300	P	5	No	50			60	90			20-20	AB	1.9	35	700.00				
	GFA5002	P	2	No	50			50	75			20-20	AB	1.8	18	400.00				
	GFA5006	P	2	No	50			50	75			20-20	AB	1.8	33	800.00				
	GFA5802	P	2	No	50			300	450	175	0.15	20-20	A/AB	2.3	55	1750.00				
	GFA5500	P	2	Yes	†			200	350		0.18	20-20	AB		50	1000.00				
	GFA5400	P	2					125	200		0.18	20-20	AB		40	700.00				
	GFA5300	P	2					80	125		0.18	20-20	AB		35	450.00				
	GFA5200	P	2					50	80		0.18	20-20	AB		30	350.00				
	GFA5503	P	3					200	350		0.18	20-20	AB		60	1300.00				
	GFA2535L	P	4					60	90	200	0.06	20-20	AB		35	700.00				
ADS	PH6	P	6	No	10	915		70	110	220	0.02	10-89	AB	3	46	2499.00	Bridges to three, four, or five channels; operates into 1 ohm; auto on. Fan-cooled; remote turn-on for each channel.			
	PA8	P	8	No	25	700		30	50	90	0.03	10-20 ±0.1	AB		20	1500.00				
AIR TIGHT	ATM-1	P/T	2	No	100	100		36	72		0.01	20-20			49	4195.00	Bridgeable. As above. †Triode mode, 55 watts into 8 ohms or 110 watts into 4 ohms; Ultra-Linear mode, power doubled. Ultra-Linear operation.			
	ATM-2	P/T	2	No	100	100		80	160		0.07	20-20			71	6695.00				
	ATM-3	P/T	1	No	100	100		†	†		0.08	20-20			55	11,500 Pair				
	ATM-4	I/T	2	No	100	800		24	50	48	0.01	20-20			51	3395.00				
ALCHEMIST	Forseti APD2ASS	P	2	Yes				100	200		0.05	20-20	AB		49	3200.00	Discrete inputs.  Dual output terminals for bi-wiring. External power supply. †Bridges to 100 watts with Alchemist Kraken APD7A preamp. Single-ended circuit.			
	Forseti APD20A	P	2	Yes	15	700		150	55	250	0.05	20-20	AB		35	2400.00				
	Kraken APD8A	P	2	No		880		55		†	0.05	20-20	A		22	1200.00				
	The Statement Mono APD25A	P	1	Yes	100	860		55	55	100	0.05	20-20	A		178 Pair	18,000				
	The Statement Stereo APD27A	P	2	Yes	270	800		200	350	650	0.05	20-20	A/AB		72	7500.00				
	Forseti APD15A-RC(RI)	I	2	No	47	150	Opt.	100	160		0.05	10-35	AB		30	1900.00				
	Nexus APD43A(RI)	I	2	No	47	130	Opt.	50	100		0.07	15-28	AB		25	1490.00				
Kraken APD6A	I	2	No	47	300	Opt.	55	80		0.05	20-20	A		22	1240.00					
ALTERNATE AUDIO	CA100	P	2	No	20	150		100	150		0.1	20-20	A	1.4	75	4500.00	Single-ended. As above.			
	CA35	P	2	No	20	150		25	35		0.1	20-20	A	1.4	25	2500.00				
AMC	CVT2030a	P/T	2		500	230		30	30	60	1.0	45-20	A		33	899.00	Optional balanced or bridging input module. As above.  †Bridges to three channels (45 watts x 2 and 90 watts x 1) or two channels (90 watts each) into 4 ohms.			
	CVT2100a	P/T	2		500	138		80	80	160	1.0	45-20	AB1		44	1249.00				
	2N100-5	P	5	No	22	100		150	250		0.03	20-20	AB	1.7	37	1349.00				
	2N100-3	P	3	No	22	100		150	250		0.03	20-20	AB	1.7	34	899.00				
	2N100-2	P	2	No	22	100		150	250		0.03	20-20	AB	1.7	27	649.00				
	25100	P	5	No	22	100		100	125		0.05	20-20	AB	1.5	37	999.00				
	2100	P	2	No	22	100		100	125		0.03	20-20	AB	1.5	27	499.00				
	2445	P	4	No	22	91		30	45	250	0.03	20-20	AB	1.5	29	449.00				
	AMERICAN HYBRID TECHNOLOGY	AHT 300	P/H	1	No	50			300	300			10-100	AB1		400		30,000 Pair	Class-A version, 200 watts.	
AHT 100		P/T	1	No	100	1V						20-20	AB		15,000 Pair					
ANTHEM	Integrated 2 Amp 1	I/H	2	No	60		No	80	130		0.1	20-20	AB	1.5	35	1699.00	Input for external surround processor.			
	Amp 2	I/H	2	No	100	1.3V		40	40		1.0	15-33	AB1	1.4	40	1299.00				
		P/H	2	No	50	1.2V		160	260	320	0.1	20-20	AB	1.5	40	1699.00				
ARAGON	Palladium MK II	P	1	Yes	Sel.	140		100	600		0.03	5-20	A		80	2500.00	Balanced outputs.			
	8008X3	P	3	No	22	140		200	400		0.04	5-20	A/AB		65	2500.00				
	8008BB	P	2	Yes	22	140		200	400		0.04	5-20	A/AB		80	2500.00				
	8008ST	P	2	No	22	140		200	400		0.04	5-20	A/AB		70	1999.00				
	8002	P	2	No	22	140		125	250		0.04	5-20	A/AB		50	1499.00				

# Finally...



## I got my Acurus ACT 3

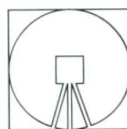
I've been waiting months for it. My dad used to joke that I'd be in college by the time we got the ACT 3. But it's here and it's sweet. The ACT 3 is so easy to set up, my dad let *me* do it. I had it totally set up and running in about 10 minutes.

My mom is thrilled with how easy it is to use. She just drops a disc in and the ACT 3 knows if it's DTS®, Dolby Digital® or a stereo CD, automatically loads that format and the speaker balance *I* set up for it. The Acurus ACT 3 is the only thing in the world that can do this...cool!

My dad is thrilled with how it sounds. He checked it out in stereo, as a stereo preamp with a built in D/A converter, and said it is one of the best sounding high end audio components he's ever heard. The ACT 3 has 20 bit D/A converters and discrete Class A direct

coupled outputs for all the channels, so it sounds as good in 5.1 surround as it does in stereo. My dad explained all this to me. He's really into audio, but sometimes he admits that mom has better ears than he does and she thinks the Acurus sounds great.

Now my friends would rather watch a movie at my house than at the movie theater. They all agree my Acurus system sounds way better than a movie theater. Was it worth the wait? Are you paying any attention? *I've got the most advanced audio/video gear on the planet...what have you got?*



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# AMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Integrated Amp=I, Power Amp=P, Tube=T, Hybrid=H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP										Notes
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)	Price, \$		
ARCAM	Alpha 7	I	2	No	25	250	Yes	40			0.01	20-20	AB		10	449.00	Preamp output. As above. Direct-coupled. Optional Dolby Digital (AC-3) and DTS surround decoding module, \$1500.00; with internal surround decoding, Alpha 10AV, \$3099.00. A/V amp with Dolby Pro Logic decoding; external decoder loop for use with Dolby Digital and DTS surround decoders; four video inputs.	
	Alpha 8(RO)	I	2	No	15	275	Yes	50			0.01	20-20	AB		10	699.00		
	Alpha 9(RI)	I	2	No	5	160	Opt.	70			0.02	20-20	AB		13	999.00		
	Alpha 10(RI)	I	2	No	7.5	160	Opt.	100			0.02	10-20	AB		22	1599.00		
	Alpha AV50(RI)	I	5	No	20	500	No	50	65		0.05	20-20	AB		14	1299.00		
	Alpha 8P	P	2	No	15	540		50			0.01	10-20	AB		9	499.00		
	Alpha 9P	P	2	No	7.5	650		70			0.02	10-20	AB		13	779.00		
Alpha 10P	P	2	No	7.5	740		100			0.02	10-20	AB		21	1199.00			
Alpha 10P3	P	3	No	7.5	740		100			0.02	10-20	AB		30	1699.00			
ARCANE AUDIO LABS	Initiation II	P	1	No	17	950		30	36		0.1	0-200	A		24	2700.00	Single-ended.	
ARONOV AUDIO	LS-960I	I/T	2		47	250		60			0.3	20-20	AB1		65	2800.00		
	LS-960	P/T	2		47	250		60			0.3	20-20	AB1		63	2200.00		
	LS-9100	P/T	1		470	1.5V		110			0.3	12-22	AB1		65	4600.00		
ART AUDIO	Symphony	P/T	2	No	200	500		8	8		0.3	20-20	A		60	4450.00	Single-ended; chrome and gold version, \$5000.00. Single-ended; optional volume control, \$200.00. As above. Triode output; Ultra-Linear version, 25 watts/channel. Triode output; Ultra-Linear version, 40 watts/channel. Triode output.	
	Diavolo	P/T	2	No		440		13	14		0.5	20-20	A		60	5995.00		
	Jota	P/T	2	No	180	500		20	20		0.5	20-20	A		80	7395.00		
	Quartet	P/T	2	No		500		15	15		0.13	20-20	A		45	2995.00		
	Concerto MkII	P/T	2	No		400		25	25		0.13	18-60	A		50	3650.00		
	Tempo MkII	P/T	1	No		500		30	30		0.3	10-50	A		35	2750.00		
	Maestro MkII	P/T	1	No		400		50	50		0.3	20-20	A		60	3600.00		
ATC	SIA2-150	I	2	No	100	500	Opt.	150	300		0.003	5-500	AB		53	3950.00	†Balanced, 1 V; unbalanced, 2 V.	
	SPA2-200	P	2	Yes	10	†		200	400		0.001	5-500	AB		62	4825.00		
	SPA2-150	P	2	Yes	10	†		200	400		0.001	5-500	AB		57	6325.00		
ATI	AT1506	P	6	No	28	1.27V		150	225	450	0.05	20-20	AB	2	88	1995.00	DB-25 input. As above; remote turn-on.	
	AT1505	P	5	No	28	1.27V		150	225	450	0.03	20-20	AB	2	73	1695.00		
	AT1504	P	4	No	28	1.27V		150	225	450	0.05	20-20	AB	2	64	1395.00		
	AT1502	P	2	No	28	1.27V		150	225	450	0.05	20-20	AB	2	40	795.00		
	AT2505	P	5	No	28	1.27V		250	325	450	0.03	20-20	AB	2	110	2695.00		
ATMA-SPHERE MUSIC SYSTEMS	M-60 MkII	P/T	1	Yes	†	†		60	45	170	1	2-75	A	0	24	3795.00	Output transformerless; one gain stage. †Balanced, 100 kilohms and 2 V; unbalanced, 200 kilohms and 1 V. Circuitry as above. ††Balanced, 100 kilohms and 1 V; unbalanced, 200 kilohms and 500 mV. Circuitry as above.	
	Novacron (MA-1.5)	P/T	1	Yes	††	††		60	45	180	2	2-75	A	0	42	5900.00		
	MA-1 MkII	P/T	1	Yes	†	†		150	140	300	1	1-75	A	0	45	7995.00		
	MA-2 MkII	P/T	1	Yes	††	††		220	220	450	0.8	1-75	A	0	105	18,700		
AUDIBLE ILLUSIONS	S-120B	P	2	No		1.5V		120	240		0.01	0.5-100	A/AB1		44	2795.00		
	M-150	P	1	Opt.		1.5V		150	300		0.01	0.5-100	A		75	5995.00		
AUDIOACCESS	PX603	I	6	No			No	24			0.01	20-20	AB		19	1450.00	Multi-room expander for use with Audioaccess PX600 multi-room controller/preamp. Multi-room amp; signal sensing; speaker output relays.	
	PX612	P	12	No	10			40	50	80	0.2	20-20	H		26	1995.00		
AUDIO ADVANCEMENTS	TriMax	P/T	1	No	50			25	25		0.1	5-110	A		20	3250.00	Deluxe version, \$5250.00 per pair. †Tube headphone amp. Output transformerless; volume control; external power supply.	
	EarMax	†	2	No								4-100	A		1	575.00		
AUDIO ANALOGUE	Puccini	I	2	No	50	100	Yes	40	60		0.01	20-20	AB		16	795.00	Operates into 2 ohms.	
	Puccini SE	I	2	No	50	100	Yes	50	80		0.01	20-20	AB		22	1195.00		
	Donizetti	P	2	No	39	100		60	110		0.01	20-20	AB		24	1095.00		
AUDIO BY VAN ALSTINE	Δ 200	P	2	No	100	113		90	150		0.09	15-40	AB	1.8	30	599.00		
	Δ 260	P	2	No	100	113		130	180		0.09	15-40	AB	1.8	33	749.00		
	Ω III 200	P	2	No	20	113		90	150		0.05	7-300	AB	1.9	30	799.00		
	Ω III 260	P	2	No	20	113		130	180		0.05	7-300	AB	1.9	33	999.00		
	Ω III 440	P	2	No	20	113		220	300		0.05	7-300	AB	1.9	38	1299.00		
	Ω III 260hc	P	2	No	20	113		130	200		0.05	7-300	AB	2.0	33	1099.00		
	Ω III 440hc	P	2	No	20	113		220	350		0.05	7-300	AB	2.0	38	1399.00		
	FV 350hc	P/H	2	No	500	113		150	225		0.04	5-100	AB	2.2	33	1499.00		
	FV 550hc	P/H	2	No	500	113		250	350		0.04	5-100	AB	2.2	38	1799.00		
	AUDIOCONTROL	The Architect 500	P	12	No	100	Var.		50	100	150	0.05	20-20	AB/H		35		
The Architect 700		P	12	No	100	Var.		50	100	150	0.05	20-20	AB/H		35			
AUDIO DESIGN ASSOCIATES	PTM-6150	P	6	No	47			150	250		0.006	20-20	A/AB		60	2199.00	THX certified. Fan-cooled. THX certified; external power supply. Bass amp; THX certified. Operates into 0.5 ohm. Fan-cooled; operates into 1 ohm. Bass amp; parametric EQ. As above; fan-cooled.	
	PTM-650	P	6	No	10	100		50	80		0.007	20-20	AB		15	1199.00		
	MPA-500	P	5	No	47	100		250	450		0.0068	20-20	A/AB		90	6999.00		
	BPA-501	P	1	No	47	100		355	500		0.004	5-200 Hz	A/AB		38	2699.00		
	PF-201	P	2	No	100	1.2V		60	110		0.07	20-20	AB		32	1649.00		
	PT-125	P	2	No	50	500		50	75		0.02	20-20	A/AB		15	1199.00		
	PBA-500	P	1	No	47	100		355	500		0.007	5-200 Hz	A/AB		38	2699.00		
	PBA-50	P	1	No	10	500		50	85		0.02	5-200 Hz	AB		15	1259.00		



# Awe-Inspiring

Introducing ANTHEM's newest & most powerful lineup of products - high power hybrid & tube designs with features such as remote control, SSP bypass loop and a headphone amplifier! Combining the musicality and finesse of vacuum tubes, with the solidity and control of solid-state, these next generation products are uniquely capable of providing music enthusiasts with extremely high value, and unprecedented sonic performance, which successfully merge the strengths of both technologies. Indeed, these products will be a force to be reckoned with!



## Integrated 2

- Hybrid design
  - 16 dB two tube preamp stage (mil-spec 6922's)
  - 130 watt solid-state power amp
- Remote Control
- Headphone Amplifier
- SSP Bypass loop (a throughput)
- Separate Preamp/Power amp capability
- Mute/Operate; Mono/Stereo; Tape/Source
- 4 position input selector; balance control; motorized Volume potentiometer
- hall-of-fame parts quality including REL-CAP, KIMBER, SOLEN, HOLCO, NOBLE etc....



## Pre 2L

- All-Tube design
  - Four tube linestage (mil-spec 6922's)
  - 8/16/24 dB switchable gain
- Remote Control
- Headphone Amplifier
- SSP Bypass loop (a throughput)
- Mute/Operate; Mono/Stereo; Tape/Source
- 4 position input selector; balance control; motorized Volume potentiometer
- hall-of-fame parts quality including REL-CAP, KIMBER, SOLEN, HOLCO, NOBLE etc....



## Amp 2

- Hybrid design
- two tube input stage (mil-spec 6922's)
- 260 watt solid-state driver & output stage
- Bridgeable into mono (over 600 watts)

Why settle for a products which compromise one sonic aspect for the other. You can have the best of both worlds with ANTHEM's next generation products... a sublime combination of both power and finesse which audiophile music lovers have long been searching for, at a price never before thought possible!

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CIRCLE NO. 60 ON READER SERVICE CARD

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp = I, Power Amp = P, Tube = T, Hybrid = H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP						Weight, Pounds (To Nearest Pound)	Price, \$	Notes	
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation				Dynamic Headroom, dB
								7	7	0.05	1-65	AB	19				
AUDIO ELECTRONIC SUPPLY	SE-1	P/T	2	No	150	1.1V		7	7			24-20	A		38	899.00	Kit versions, \$699.00 to \$1599.00.
	SE-1 Signature	P/T	2	No	150	750		7	7			19-23	A		40	1049.00	Kit versions, \$849.00 to \$1749.00.
	SE-88	P/T	2	No	150	1V		12	12			20-53	A		38	1949.00	(w/o tubes) to \$1799.00
	SET-IIM	P	1	No	12	2.5V		20	20			20-35	A		31	999.00	Single-ended; kit, \$799.00.
	SE-811	P/T	1	No	150	950		12	12			11-32	A		42	1995.00	Single-ended; kit, \$1295.00.
AUDIO LAB	AE-20	P/T	2	No	150	250	No	20	20	1.5		20-20	A		25	899.00	Kit, \$699.00.
	AE-20I	I/T	2	No	50	250		20	20	1.5		20-20	A		25	999.00	Kit, \$799.00.
AUDIO LAB	8000A MkII	I	2	No	50	100	Yes	60	100	0.05	1-65	AB		19	895.00		
	8000LX	I	2	No	47	125	No	60	100	0.07	20-20 ±0.5	AB		16	695.00		
	8000S(RI)	I/T	2	No	125	125	No	60	100	0.07	1-65	AB		19	1095.00		
	8000SX	P	2	No	50	782		60	100	0.05	20-20 ±0.3	AB		18	895.00		
	8000PX	P	2	No	50	1V		100	175	0.05	20-20 ±0.3	AB		18	1195.00	Direct-coupled. As above.	
AUDIO MATIÈRE	Accordance	P/T	2	No				30	30		10-70 ±0.5	A		40	4450.00		
	Equilibre	P/T	2	No				60	60		10-85 ±0.5	A		90	9450.00		
	Ultima	P/T	1	No				60	60		15-50 ±0.5	A		85	35,000	Single-ended; triode.	
	Majuscule	I/T	2	No				30	30		10-70 ±0.5	A		40	5450.00	Pair	
AUDIO NOTE	P1-SE	P/T	2	No	100			12	12			A		16	1900.00	Single-ended; parallel EL84 tubes.	
	P2-SE	P/T	2	No	100			17	17			A		19	2800.00	Single-ended; parallel 6L6 tubes.	
	P3-SE	P/T	2	No	100			8	8			A		58	4000.00		
	Conqueror	P/T	2	No	100			8	8			A		31	3500.00	Single-ended; 300B tube.	
	Quest Mono	P/T	1	No	100			8	8			A		31	5650.00	As above.	
	Conquest Mono	P/T	1	No	100			17	17			A		31	9400.00	Single-ended; parallel 300B tubes.	
AUDIO NOTE	Neiro	P/T	2	No	100			7	7			A		61	25,700	Single-ended; parallel 2A3 tubes.	
	Ongaku	P/T	2	No	100			27	27			A		103	95,200	VT-4C tubes.	
AUDIO PRISM	Mana	P/T	1	Yes	100	900		100	100	1.0	20-20	AB	1.1	68	14,995	Triode-switchable to 55 watts; auto standby.	
	Debut II	P/T	2	No	150	900		35	35	0.5	20-17	AB	1.09	45	2495.00	Switchable to triode operation; vibration-damped chassis.	
	Antares	P/T	2	No	150	900		35	35	0.5	20-17	AB	1.09	48	1695.00	Ultra-Linear operation; optional transformer cover, \$100.00.	
AUDIO REFINEMENT	Complete Integre(RO)	I	2	No			No	50		0.02	10-40 ±3			18	995.00	Optional remote, \$50.00.	
AUDIO RESEARCH	Reference 600	P/T	1	Yes	200	2V		500	500	1	12-80	AB		170	14,995		
	VT200	P/T	2	Yes	200	2.5V		200	200			AB		118	8995.00	Each	
	VT100 MkII	P/T	2	Yes	200	1.9V		100	100			AB		67	4995.00		
	VT50	P/T	2	Yes	200	1.95V		45	45	1	15-80	AB		41	2995.00		
	100.2	P	2	Yes	300	1.3V		100	200	1	12-45	AB		35	3495.00		
	D130	P	2	Yes	300	1.7V		130	200	0.5	0-160	AB		27	1995.00		
	SDA1	P	4	Yes	300	1.5V		100	150	0.5	0-150	AB		37	3995.00		
	CA50(RI)	I/T	2	No	100	300	No	45	45	1	18-40	AB		43	3495.00		
AUDIOSOURCE	Amp One/A	P	2	No	30	800		80	80	0.04	20-20		2	15	299.95	Line-level signal pass-through.	
	Amp Two	P	2	No	30	800		80	80	0.04	20-20		2	15	399.95	As above; switchable outputs for two pairs of speakers	
	Amp Three	P	2	No	30	800		150	400	0.04	20-20		2	26	499.95	As above.	
AUDIRE	Parlando	P	2	Yes	51	1.4V		100	200	0.02	2-50	A		85	3741.00		
	Otez	P	2	Yes	51	1.5V		250	500	0.03	2-50	AB		85	3569.00		
	Tenendo	P	2	Yes	51	1.5V		200	400	0.05	5-50	AB		50	2154.00		
	Forte	P	2	Yes	51	1.4V		125	250	0.05	2-50	AB		45	1360.00	Bipolar; MOS-FET version, \$1467.00.	
	Crescendo	P	2	Yes	51	1.3V		75	130	0.05	2-50	AB		28	760.00	Bipolar; MOS-FET version, \$865.00.	
	Monarch	P	1	Yes	33	1.2V		600	1200	0.009	20-20	A		170	30,000	Balanced output.	
AYRE ACOUSTICS	Monarch (Stereo Version)	P	2	Yes	33	1.2V		200	400	800	0.009	2-50	A		170	25,000	
	V-1(RI)	P	2	Yes	10			200	400			A/AB		110	7500.00		
AYRE ACOUSTICS	V-3	P	2	Yes	10			100	200			A/AB		55	3875.00		
	V-3	P	2	Yes	10			100	200			A/AB		55	3875.00		
BALANCED AUDIO TECHNOLOGY	VK-60	P/T	2	Yes	200	750		60	60	120		8-100	A/AB		85	4950.00	Triode; auto bias; zero feedback.
	VK-200	P	2	Yes	100	1.4V		100	200			2-250	A/AB		58	3495.00	Two-stage circuit; zero feedback; single-ended.
	VK-500	P	2	Yes	100	1.9V		250	450	1		2-300	A/AB		100	5000.00	As above; includes separate power cords.
	VK-1000	P	1	Yes	50	1.9V		350	600	1		2-300	A/AB		105	6000.00	As above; 1000-joule energy storage.
BEL	1001 MkIV	P	2	No	27	1V		50	100	200			A/AB	0		3895.00	
BEL CANTO DESIGN	SET 80	P/T	1	Yes	100	190		80	80		0.1	5-40	A1	0.5	62	8200.00	Single-ended; type 845 triode tubes; zero feedback.
	SET 40	P/T	2	No	50	280	No	40	40		0.2	5-40	A1	0.5	62	4100.00	As above.
	SET 140(RI)	I/T	2	No	30	55		40	40		0.2	5-40	A1	0.5	64	5200.00	As above.
	Orfeo 80	P/T	1	Yes	100	190		80	80		0.1	5-40	A1	0.5	72	11,250	As above.

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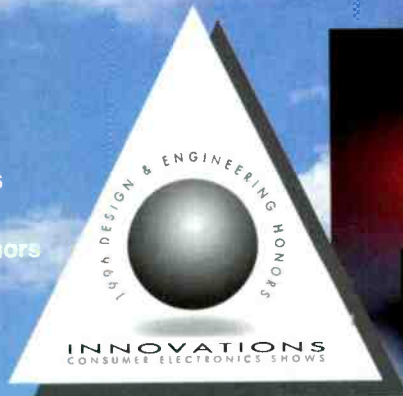
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CIRCLE NO. 57 ON READER SERVICE CARD

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp= Tube - T, Hybrid - H	Power Amp= P, P- Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	POWER AMP										Price, \$	Notes
							Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode, Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)				
BEL CANTO DESIGN (Continued)	Orfeo 40	P/T	1	No	280	40	40		0.2	5-40	A1	0.5	62	8500.00	As above.			
	Orfeo 40S	P/T	2	No	280	40	40		0.2	5-40	A1	0.5	72	5625.00	As above.			
	Solid 400 Solid 250	P P	2 2	Yes Yes	50 20	280 190	400 250	800 500	0.01 0.01	4-200 4-200	AB AB	1.5 1.5		5000.00 3000.00				
DAVID BERNING CO.	ZH270	P/T	2	No	50	700	70	70	1	2-80	AB	1	10	4500.00	Output transformerless; selectable feedback; two inputs with volume control.			
	Siegfried 811-10	P/T	2	No	50	700	10	8	4.3	0.2-45	A	1	18	5750.00	Single-ended; output transformerless; zero feedback.			
	Siegfried WE 300-B	P/T	2	No	50	700	6	4	4.3	0.2-45	A	1	18	6950.00	As above.			
BGW SYSTEMS	Millennium 1	P	2	Yes			110	165	300	0.1	20-20		28	699.00				
	Millennium 2	P	2	Yes			220	330	600	0.1	20-20		34	899.00	THX certified			
	Millennium 3	P	2	Yes			330	500	900	0.1	20-20		40	1259.00	As above.			
	Performance Series 1	P	2	Yes			110	165	330	0.1	20-20		26	849.00				
	Performance Series 2	P	2	Yes			220	330	660	0.1	20-20		32	999.00	As above.			
	Performance Series 3	P	2	Yes			330	500	1000	0.1	20-20		37	1399.00	As above.			
	Performance Series 4	P	2	Yes			440	660	1320	0.1	20-20		54	1999.00	As above.			
	BGW200	P	2	Yes			110	150	300	0.08	20-20		19	999.00				
	BGW350A	P	2	Yes			220	330	660	0.03	20-20		40	1419.00				
	BGW750G	P	2	Yes			330	495	990	0.03	20-20		61	1949.00	As above.			
GTA	P	2	Yes			360	625	1250	0.1	20-20		80	2299.00					
GTB	P	2	Yes			330	495	990	0.1	20-20		57	1599.00	As above.				
BIRDLAND AUDIO	Pleyel 250	P	2	No	16	480	50	70		0.3	20-400	A/AB	1.2	20	3850.00	No feedback.		
B & K COMPONENTS	ST1200 Series II	P	2	No	33.2	770	60		100	0.09	5-45	AB	1.4	23	498.00	Bus inputs and outputs.		
	ST1400M Series II	P	1	Yes	33.2	1.4V	150	225		0.09	5-45	AB	1.5	30	698.00	Level controls may be substituted for balanced inputs.		
	ST1400 Series II	P	2	Yes	33.2	1V	125	185		0.09	5-45	AB	1.4	31	698.00	Each		
	ST1430 Series II	P	3	No	33.2	1V	125	185		0.09	5-45	AB	1.0	37	798.00	As above.		
	ST3030 Series II	P	2	Yes	33.2	1.4V	200	300		0.09	5-45	AB	1.1	39	998.00	As above.		
	Reference 4420M	P	1	Yes	33.2	1.4V	250	400		0.09	5-45	AB	1.4	42	1298.00	As above.		
	Reference 4420	P	2	Yes	33.2	1.4V	225	350		0.09	5-45	AB	1.2	42	1298.00	Each		
	Reference 4430	P	3	No	33.2	1.4V	200	325		0.09	5-45	AB	1.1	43	1698.00	As above.		
	AV2500 Series II	P	5	No	33.2	770	60		100	0.09	5-45	AB	1.0	23	798.00	Bus inputs and outputs.		
	AV5000 Series II	P	5	No	33.2	1V	125	185		0.09	5-45	AB	1.4	43	1298.00			
AV6000 Series II	P	6	No	33.2	1V	125	185		0.09	5-45	AB	1.4	43	1498.00				
BLUE CIRCLE AUDIO	BC2	P/H	1	No	47	3V	75	38			10-35	A		52	From 6000.00	Wood chassis options.		
	BC6	P/H	2	No	47	800	25	16			10-35	A		55	Pair 3700.00			
BOSTRONICS	5/1500	P	5	No	40	1.1V	200	330	400	0.03	20-30	AB	1.3	65	1699.95			
	5/500	P	5	No	22	1V	100	100	200	0.1	20-20	†	0.8	24	999.95	†Pulse Density Modulation.		
	12/600	P	12	No	22	800	50	50	100	0.1	20-20	†	0.8	25	999.95	Signal sensing; low-voltage trigger.		
	6/300	P	6	No	22	800	50	50	100	0.1	20-20	†	0.8	18	699.95			
	2/40	P	2	No	22	800	20	33		0.1	20-20	AB	1.0	5		A/V signal sensing.		
BOULDER AMPLIFIERS	102AE	P	2	Yes	10	1.8V	100	170		0.005	10-100	AB	1.5	51	3795.00	With metal finish, 102M, \$4295.00.		
	500AE	P	2	Yes	10	1.8V	150	250		0.005	10-100	AB		51	5395.00	Peak current, 50 amps; with metal finish, 500M, \$6295.00.		
	500AE Mono	P	1	Yes	10	1.8V	500	500		0.005	10-100	AB		51	10,790	Peak current, 50 amps; balanced output.		
	500 2050	P	2	Yes	25	1.8V	150	250		0.005	10-100	AB		51	6995.00	As above.		
	2060	P	1	Yes	†		1000	1000		0.0005	5-200	A		59,000	59,000	†Balanced, 400 kilohms; unbalanced, 200 kilohms. Remote turn-on.		
BRYSTON	9B-ST	P	5	Yes			120	200						65	3695.00	Modular construction; THX version with 12-V triggering, \$3795.00.		
	8B-ST	P	4	Yes	50		120	200	400	0.007	0.5-50	AB		44	2995.00	Two-, three-, or four-channel operation; three-channel version, \$2465.00.		
	7B-ST	P	1	Yes	50		500	500		0.01	20-20	AB		42	2398.00	Impedance-matching switch; THX version, \$2495.00.		
	4B-ST	P	2	Yes	50		250	400	800	0.01	20-20	AB		42	2397.00	Mono/stereo switch; input buffer; THX version, \$2497.00.		
	3B-ST	P	2	Yes	50		120	200	400	0.01		AB		28	1565.00	Mono/stereo switch; THX version, \$1695.00.		
2B-LP	P	2	Opt.	50		60	100	200	0.01		AB		48	850.00	Mono/stereo switch.			
B-60(RO)	I	2	No	50	No	60	100		0.01		AB		20	1495.00	Pre-out/main-in jacks; with remote, \$1795.00.			
BST	JMC 1200	P	2	Yes	15		360	540	760	0.1	20-20			32	998.00			
	JMC 1600	P	2	Yes	15		450	680	900	0.1	20-20			34	1165.00			
	SA 126	P	2	Yes	15		69	97		0.1	20-20			13	315.00			
	SA 196	P	2	Yes	15		115	175		0.1	20-20			17	359.00			
	LIKER 330	P	2	Yes			98	180							434.00			
	LIKER 630	P	2	Yes			188	360							565.00			
	LIKER 930	P	2	Yes			250	490							665.00			
BURMESTER	909	P/H	2	Yes	6†	640	600		1930	0.01	2-130+0,-3	AB		160	36,500	Mono version available. †Balanced.		
	911 Mk2	P/H	2	Yes	1†	770	350		770	0.008	2-150+0,-3	AB		74	17,220	As above.		
	956 Mk2	P/H	2	Yes	1†	800	240		500	0.005	2-220+0,-3	AB		60	9400.00	As above.		
	959(RO)	I	2	Yes	22	330		75		0.005	2-200+0,-3	AB		21	6775.00			
CABASSE	AM 1000	P	1	Yes	Var.		†							4700.00	DC-offset protection. †1000 watts, instantaneous peak.			

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# AMPLIFIERS



MANUFACTURER	Model (RI) = Remote Included (RO) = Remote Optional	Integrated Amp=I, Power Amp=P; Tube=T, Hybrid=H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP												Notes
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)	Price, \$				
																		Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	
CAIRN	k	P	2	Yes	20	1.3V		100	200		0.01	20-20	A		140	7000.00				
	kV	P	5	Yes	5	1.3V		200	400		0.01	20-20	AB		130	7000.00				
	k1	P	5	Yes	5	1.3V		150	250		0.01	20-20	AB		60	1400.00				
	k3	P	2	No	5	1.3V		100	150		0.01	20-20	AB		45	1400.00				
	k5	P	5	Yes	5	1.3V		100	150		0.01	20-20	AB		70	2900.00				
CAIRN	Aria HE(RI)	I	2	No	20	260	No	40	60		0.01	20-20	AB		18	990.00				
	4808(RI)	I	2	Yes	20	180		80	120		0.01	20-20	AB		25	1400.00				
CAMBRIDGE AUDIO	A3i	I	2	No			Yes Opt.	60	90		0.05		AB		15	529.00	Speaker terminal for bi-wiring. Headphone jack.			
A1 mkIIlse	I	2	No					30			0.07		AB		12	329.00				
CANARY AUDIO	CA-301	P/T	2	No	100	330		22			0.5	10-33	A		68	3800.00	300B tubes. As above.			
	CA-303	P/T	1	No	100	720		24			0.4	10-65	A		96	5825.00				
	CA-706	P/T	2	No	100	1V		40			0.5	10-45	A		55	1885.00				
CARVER	AV-705x	P	5	No	50			†	180		0.08	20-20		1.1	45	1299.00	THX certified. †125 watts x 5 or 180 watts x 2; 200 watts available to channel with loudest signal.			
	AV-505	P	5	No	50			†	140		0.08	20-20		1.1	42	999.00				
	AV-753x	P	3	No	47				250	400	0.08	20-20		1.0	41	1599.00	THX certified. 350 watts available to channel with loudest signal.			
	LightStar 2.0	P	2	Yes	47	150		300	600		0.2	5-20	3.0	48	2795.00					
	A-760x	P	2	No	47			380	600	1200	0.08	20-20	1.0	39	1499.00	THX certified. As above.				
	A-500x	P	2	No	47			250	400		0.08	20-20	1.0	29	999.00					
	A-220	P	2	No	50			110	175		0.08	20-20	1.0	27	599.00					
	A-140	P	2	No	30			70	105		0.1	20-20	1.0	13	399.00					
CARY AUDIO DESIGN	CAD-845SEI (RO)	I/T	2	No	50	375	No	25	25		0.5	20-23	A		90	7495.00	Single-ended; optional remote volume control, \$499.00. As above; optional gold faceplate and knobs, \$599.00. Remote as above; switchable to 50-watt triode operation. Remote as above; switchable to 30-watt triode operation. Single-ended. Pair As above. Pair As above. Pair Switchable to 50-watt triode operation. †Ultra-Linear mode, 50 watts; triode mode, 25 watts. Pair Switchable to 75-watt triode operation; optional chrome chassis, \$500.00. Switchable to 100-watt triode operation. Pair Single-ended. As above. Pair As above. †Class-A1 mode, 65 watts; Class-A2 mode, 100 watts.			
	CAD-300SEI (RO)	I/T	2	No	100	420	No	11	11		0.2	20-23	A		51	3995.00				
	SLI-80(RO)	I/T	2	No	100	450	No	80	80		0.24	19-23	AB		42	2795.00				
	SLI-50(RO)	I/T	2	No	100	420	No	50	50		0.12	19-23	AB		42	2295.00				
	CAD-805C	P/T	1	Opt.	150	750		50	50		0.3	23-20	A		80	8995.00				
	CAD-300SE Signature	P/T	1	No	150	500		12	12		0.27	19-20	A		35	4795.00				
	CAD-572SE	P/T	1	No	150	1.25V		20	20		0.32	20-23	A		35	2495.00				
	SLA-80	P/T	2	Opt.	150	1V		80	80		0.24	19-23	AB		42	2495.00				
	CAD-50M MkII	P/T	1	No	150	1.25V		†	†		0.6	9-20	A		32	2495.00				
	SLM-100	P/T	1	Opt.	150	750		100	100		0.12	20-30	A/AB		40	3695.00				
	SLM-200	P/T	1	Opt.	150	700		200	200		0.15	20-20	A/AB		75	9995.00				
	CAD-211M	P/T	1	Yes	150	750		80	80		0.06	18-23	A		90	14,495				
CAD-845	P/T	2	Opt.	150	1.5V		25	25		0.54	10-23	A		100	5995.00					
CAD-2A3	P/T	1	No	150	1.4V		5	5		1	15-23	A		25	2995.00					
CAD-1610	P/T	1	Yes	150	750		†	†		3	15-43	A1/A2		135	37,500					
CELLO LTD.	Performance Amp II	P	1	Yes	1M	1.5V		200	400	800	0.1	10-22	AB1	2.7	180	25,000	Includes two external power supplies.  Two-channel version available.			
	Duet 350	P	2	Yes	1M	1.6V		350	600	1200	0.3	10-22	AB2	1.8	95	9500.00				
	Encore 50	P	1	Yes	330	752		50	100	200	0.3	10-22	AB2	1.8	28	7200.00				
	Encore 150	P	1	Yes	1M	1.7V		150	300		0.1	10-22	AB2	3.0	98	18,000				
Cello Integrated Amplifier(RI)	I	2	No	25	250	No	50	100		0.1	20-20	AB	1.5	22	3500.00					
CHIRO	C-200	P	2	No	10	1V		110	240		0.008	20-20	AB		41	998.00				
	C-300	P	3	No	10	1V		110	240		0.008	20-20	AB		45	1498.00				
	C-500	P	5	No	10	1V		110	240		0.008	20-20	AB		54	1998.00				
	C-190	P	1	No	10	1V		140	200		0.008	20-20	AB		17	798.00				
CHORD	SPM400	P	2	No	100			100	130		0.05			20	2100.00	Subwoofer amp with crossover.				
	SPM600	P	2	Yes	100			130	170		0.05			20	2750.00					
	SPM800	P	2	Yes	100			160	250		0.05			20	3750.00					
	SPM1000B	P	2	Yes	100			200	300		0.05			31	4500.00					
	SPM1200B	P	2	Yes	100			250	380		0.05			35	5750.00					
	SPM1200C	P	2	Yes	100			315	470		0.03			35	6250.00					
	SPM1400	P	2	Yes	100			350	500		0.03			35	6250.00					
	SPM1600	P	2	Yes	100			200	300		0.05			35	7500.00					
	SPM1800	P	4	Yes	100			200	300		0.05			35	7500.00					
	SPM2000	P	6	No	100			200	300		0.05			35	7500.00					
	SPM3000	P	4	Yes	100			315	450		0.03			40	8500.00					
	SPM5000	P	2	Yes	100			415	800		0.05			70	13,000					
CINEPRO PROFESSIONAL	3K6	P	6	Yes	47	Var.		350	500	†	0.015	15-20	A/AB	3.2	72	3495.00	†Bridges to three channels (1000 watts each), four channels (1000 watts x 2 and 350 watts x 2), or five channels (350 watts x 4 and 1000 watts x 1). Rear-panel ground-lift switch. †1200 watts x 3. Fan-cooled. †250 watts x 4 and 450 watts x 1 or 650 watts x 3. †1350 watts x 4 and 600 watts x 1 or 850 watts x 3. Operates into 2 ohms; ground-lift switch.			
	3K6 SE 2K5	P	6	Yes	47	1.4V Var.		375	550	†	0.015 0.015	10-25 20-20	A/AB A/AB	3.5 3.25	75 50	5995.00 2495.00				
(Continued)	1K2	P	2	Yes	47	Var.		350	500	1000	0.015	18-20	A/AB	3.2	42	1495.00				



**Disintegrated.**

The performance of integrated amplifiers is compromised for all-in-one convenience. Integrated amplifiers are not equipped with the heavy-duty, high current, high voltage power supplies available in the best separate power and preamplifiers. First of all, there just isn't enough space. More importantly, there are technical limitations. In an integrated amplifier, such supplies would generate unacceptable levels of heat and hum. And the high signal levels found in the power output stages create a source of noise, crosstalk, and preamplifier instability. Obviously, heat and noise-generating elements shouldn't be operating in close proximity to the preamplifier circuits. However, this is exactly where such elements, scaled down-to be sure, are found in integrated amplifiers.

Demonstrably superior quality, along with flexibility, is what Adcom now offers in two significant new components: The GFA-5802 power amplifier and GFP-750 preamplifier.

In the GFA-5802 we chose a classically simple circuit topology. Two high capacity transformers provide superb isolation between sensitive input stages and high current output sections. A massive toroid transformer with dual secondary windings, high current regulators, and enormous quick response storage capacitors provide all the current necessary for unparalleled clarity even under the most difficult operating conditions. MOSFET (Metal Oxide Semiconductor Field Effect Transistor) devices are widely praised by knowledgeable audiophiles for their unique combination of solid state dependability, dynamic capability, and tube-like smoothness. Each

channel uses eight carefully matched pairs to produce 300 watts per channel into 8 ohms and 450 watts per channel into 4 ohms. The GFA-5802 also includes switchable balanced (XLR) and unbalanced (RCA) inputs and dual sets of heavy duty, gold plated, five way binding posts ideal for biwiring.

The GFP-750 is a purely passive attenuator/switcher or, at your option, an active preamplifier. In passive mode, the signal sees only input switching and the high resolution attenuator. In typical Adcom fashion, the GFP-750's massive high current power supply features a large toroid transformer with multiple secondary windings for each channel. Specially chosen storage capacitors insure responsive voltage supply to all active elements. For active gain functions, it offers true differential balanced audio signal paths, with MOSFET devices. The GFP-750 features remote control, balanced (XLR) and single ended (RCA) inputs for CD as well as single ended inputs for four additional line level analog sources. Independent balanced and single ended outputs allow easy interface with almost any amplifier.

We've achieved something that you can appreciate even without a technical background. Value. Adcom components provide real value by raising the performance level our customers can expect from their investment. We don't subtract quality for convenience, we add performance to build value.

Goodbye integrated.  
Hello Adcom.

**ADCOM**<sup>®</sup>

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And what's between them.

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# AMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Integrated Amp= Tube=T, Hybrid=H	Power Amp= P	Channels	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	POWER AMP							Notes		
									Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB		Weight, Pounds (To Nearest Pound)	Price, \$
CINEPRO PROFESSIONAL (Continued)	1K2 SE 700x2	P	2	Yes	47	1.4V	No	375	550	1200	0.015	10-25	A/AB	3.5	44	2495.00	Discrete circuitry; zero feedback; operates into 2 ohms.	
				No	47	1.1V		220	330	700	0.015	20-20	A/AB	3.0	36	995.00		
CITATION	7.1 5.1	P	4	No	22	1.1V	No	150	240	450	0.03	20-20	AB	1	75	2800.00	THX certified; auto on. THX certified for use with dual-drive dipoles; auto on.	
				No	22	1.1V		100	175	300	0.03	20-20	AB	1	65	1850.00		
CLASSÉ AUDIO	Omega	P	2	Yes	75		No Opt.	450	900							15,000	Operates into 1 ohm; fully balanced circuitry.	
	CA-100	P	2	Yes	75	950		100	200				AB					1495.00
	CA-150	P	2	Yes	75	1.15V		150	300	350	0.030	20-20	AB					2295.00
	CA-200	P	2	Yes	75	1.3V		200	400	500	0.006	20-20	AB					2995.00
	CA-300	P	2	Yes	75	1.65V		300	600	700	0.004	20-20	AB					4250.00
	CA-400	P	2	Yes	75	1.9V		400	800	1100	0.007	20-20	AB					5500.00
	CAV-75	P	6	No	75	850		75	150	150	0.004	20-20	AB					1995.00
	CAV-150	P	6	Yes	75	1.2V		150	100	150	0.004	20-20	AB					3595.00
	CAP-80(RI)	I	2	Yes	75			100	200	300	0.004	20-20	AB					1395.00
CAP-150	I	2	Yes	†			150	225	0.02	20-20	AB				1995.00			
CLAYTON AUDIO	M-70	P	1	Yes	47	1.6V	No	70	140		0.1	10-20	A		45	5600.00		
	S-40	P	2	No	47	1.3V		40	80		0.1	10-20	A		50	2950.00 Pair		
DON J. COCHRAN	Delta Mode II	P/H	1	Yes	50	1.6V	No	200	200		0.07	0.5-50		0.4	58 Pair	6800.00 Pair	Differential signal path; balanced bridge output.	
CODA TECHNOLOGIES	10.5 V10	P	2	Yes	50	1.3V		100	200	400	0.1	0-100	A/AB	1.5	45	2950.00	Three chassis (left output stage, right output stage, and voltage-gain stage), each with internal power supply.	
	11.5(RI)	P	4	No	50	1.3V	100	200	400	0.1	0-100	A/AB	1.5	45	3150.00			
	20.5(RI)	P	2	Yes	50	1.3V	100	200	400	0.1	0-100	A	0.5	85	5200.00			
	System 100	P	2	Yes	50	1.8V	200	400	800	0.1	0-100	A/AB	1.0	85	5200.00			
	System 200	P	2	Yes	100	1.3V	100	200	400	0.1	0-100	A	0.5	100	6950.00			
		P	2	Yes	100	1.8V	200	400	800	0.1	0-100	A	0.5	185	12,950			
COFFIN ELECTRIC	1A	P	2	No	20	1V	No	70	140		0.2	0-100	A/AB	0	33	2400.00	Half-rack width. As above.	
	1M	P	1	No	20	1V		80	160		0.15	0-100	A/AB	0	30	1750.00		
	5M	P	1	Yes	40	1.5V		250	500		0.1	0-100	A/AB	0	120	5000.00 Each		
CONRAD- JOHNSON	Premier 300SA	P	2	Yes	100		No	300			1	20-20	AB			6995.00	Available wired for triode operation.	
	Premier 150CA	P	2	No	100			150			1	20-20	AB			4995.00		
	Premier Eleven-A	P/T	2	No	100			70	70		1	30-15	AB		54	3495.00		
	Premier Twelve	P/T	1	No	100			140	140		1	30-15	AB		51	3495.00		
	Premier Eight-A	P/T	1	No	100			275	275		1	30-15	AB		90	Each 8495.00		
	MV55	P/T	2	No	100			45	45		1	30-15	AB		39	1995.00		
	MF2250	P	2	No	100			125			1	20-20	AB			2295.00		
	MF2500	P	2	No	100			240			1	20-20	AB			3495.00		
	MF5600	P	5	No	100			125			1	20-20	AB			3995.00		
	CAV-50	I/T	2	No				45	45		1	30-15	AB		40	2495.00		
CONTINUUM	Stage 4-3-2	P	2	Yes	50	1.8V	No	200	400	800	0.1	5-100	A/AB	1.5	45	1795.00	Operates at 25 watts per channel in Class A, 100 watts in Class AB; low-frequency contour; adjustable subwoofer output.	
	Unison	P	4	No	50	1.3V		100	200	400	0.1	5-100	A/AB	1.5	45	1895.00		
		I	2	No	50			100	200		0.1	5-100	A/AB	1.5	45	2995.00		
CONVERGENT AUDIO TECHNOLOGY	JL1	P/T	1	No	100	835	No	120	150		0.1	7-35	A	0	380 Pair	19,500	Triode output; damped chassis.	
	JL1 Limited Edition	P/T	1	No	100	835		120	150		0.1	10-35	A	0	380 Pair	49,500	As above; low-loss output transformer.	
CREEK	4330(RI)	I	2	No		380	Opt.	35	50		0.03	20-20	AB		10	595.00	Optional phono boards (\$60.00 for MM, \$95.00 for MC); without remote volume control, \$495.00. With full remote, 5250 R, \$995.00; optional phono boards (\$60.00 for MM, \$95.00 for Special Edition MM, and \$95.00 for MC). Phono boards as above.	
	5250(RO)	I	2	No		400		50	60		0.03	3-25	AB		10	795.00		
	5250 SE R(RI)	I	2	No		450		60	75		0.03	3-25	AB		11	1195.00		
	A52	P	2	No		400		70	90		0.03	3-25	AB		10	895.00		
A52 SE	P	2	No		450	80	120		0.03	3-25	AB		11	1095.00				
CROWN	K1	P	2	Yes	20	1.4V	No	350	550	1100	0.1		†		32	1495.00	Level controls; multi-voltage power supply. †Balanced Pulse-Width Modulation. As above. Bridged or parallel mono operation; ground-lift switch; level controls; fan cooling. As above. As above. ††Balanced, 20 kilohms, unbalanced, 10 kilohms. As above; impedance-sensing circuit (matches power supply to load). As above. †††Balanced, 10 kilohms; unbalanced, 5 kilohms. Ground-isolation switch; level controls. As above. As above. Damping factor, 20,000; IM distortion, 0.005%.	
	K2	P	2	Yes	20	1.4V		500	800	1600	0.1		†		38	1795.00		
	MA600	P	2	Yes	20	775		225	325	655	0.05	20-20	AB/B		40	1495.00		
	MA1200	P	2	Yes	20	775		310	480	970	0.05	20-20	AB/B		44	1745.00		
	MA2400	P	2	Yes	††	775		520	800	1585	0.05	20-20	AB/B		52	2245.00		
	MA3600V2	P	2	Yes	††	775		1120	1565	3140	0.05	20-20	AB/B		55	3095.00		
	MA5000V2	P	2	Yes	†††	775		1300	2000	4000	0.05	20-20	AB/B		78	3950.00		
	PT1	P	2	Yes	††	775		220	305	605	0.05	20-20	AB/B		30	1250.00		
	PT2	P	2	Yes	††	775		325	460	910	0.05	20-20	AB/B		33	1475.00		
	PT3	P	2	Yes	††	775		540	760	1525	0.05	20-20	AB/B		36	1725.00		
Studio Reference 1	P	2	Yes	†††	775	800	1190	2375	0.002	20-20	AB/B		61	4345.00				



# AMPLIFIERS

MANUFACTURER	Model (R)=Remote Included, (RO)=Remote Optional	Integrated Amp=I, Power Amp=P, Tube=T, Hybrid=H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP						Weight, Pounds (To Nearest Pound)	Price, \$	Notes	
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation				Dynamic Headroom, dB
CROWN (Continued)	Studio Reference 2 CP66(I)	P	2	Yes	†††	775		360	565	1145	0.002	20-20	AB/B		56	2995.00	As above.
		P	6	Yes	††	1.1V		60	75	150	0.05		AB/B		25	849.00	Rear-panel level controls; temperature-controlled fan.
CYRUS	III(R)	I	2	No	22	200	No	50			0.05	40	AB		9	999.00	Preamp output.
	MR3(R)	I	2	No	22	200	No	40			0.05	40	AB		9	999.00	Three-zone, multi-room operation.
	SL Power	P	2	Yes	†	†		50	70	100	0.004	50	AB		10	699.00	
	XPA	P	2	No	10	380		50	70		0.004	50	AB		10	899.00	†Balanced, 22 kilohms and 775 mV; unbalanced, 10 kilohms and 380 mV. Auto-on sensing with input signal.
DB SYSTEMS	DB-6A	P	2	No	48	1V		40	70		0.003	20-20	AB	3	18	910.00	Three-times power-supply capacitance optional.
	DB-6AM	P	1	No	48	1V		140	225		0.008	20-20	AB	3	18	910.00	
	DB-9	†	2	No	50						0.005				2	150.00	†Headphone amp.
DENON	PDA-S1	P	1	Yes	47	1V		250	500		0.05	20-20			198	20,000	
	PDA-8300	P	3	No	47	150		120	200		0.02	20-20	AB	3	35	1500.00	THX certified.
	PDA-8200	P	2	No	47	150		120	200		0.02	20-20	AB	3	27	1000.00	As above.
	PMA-525R	I	2	No	30	150	Yes	50			0.05	20-20	AB		14	400.00	
	PMA-2000(R)	I	2	No	47	150	Yes	80	160		0.07	20-20	AB		44	999.00	
DGX AUDIO	DDA-1	I	2	No	47	300	No	100	140		0.025	20-20	AB	2	29	1995.00	Built-in D/A converter; processing for loudspeaker correction (see also "Signal Processors"); includes two DDL-1 speakers.
DPA DIGITAL	DPA 500S	P	2	Yes	22	250		250	400		0.002	10-28				5995.00	Three chassis (left, right, and power supply).
	DPA 200S	P	2	No	22	250		55	90	200	0.005	10-28	A			1495.00	
	Renaissance	I	2	No	250	250	Yes	30			0.005	20-20	†			1149.00	†Compound A.
DYNAUDIO	Arbiter	P	1	Yes	2			700	1150		0.001	0.3-300	A		310	100,000	Battery powered; mains power, ±115 V.

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*W*ith over 220 watts and 60 peak amps in each of its 5 channels, our THX-certified HCA-2205A is a foundation-shaking, hold-onto-your-chair, ultra-high-current power amplifier. To get there, we start with a 2.0 kVA power transformer and 150,000  $\mu$ F of filter capacitance. Which means that when something explodes in a movie you'll get nicely plastered against your back wall.

But awesome power is only part of the Parasound story. The HCA-2205A guarantees the flawless reproduction of musical detail and subtle special effects. In other so-called high end amplifiers, music must work its way through capacitors and inductors that block harmful direct current and maintain stability. Unfortunately, these parts also smear the sound and limit your bass *oomph*. Not so with Parasound amplifiers. Audio design legend, John Curl, has created circuits that are inherently stable and are DC-protected with active servos operating *outside* of the signal path. This means you get movie dialog that's fully articulate and bass that reaches all the way down into the nether regions.

Every detail has been thought through and refined to reproduce the original event. Look at our use of hand-matched complementary JFET inputs and MOSFET drivers. You see, Field Effect Transistors offer the warm, sweet sound of vacuum tubes and the crisp, tight

bass of transistors. Our heat sinks are so massive, we've eliminated the need for a noisy fan. So visit your Parasound dealer and get the power of your dreams. Without having to pour all that concrete.

*Parasound has always had a reputation for superior quality and our 10-year limited warranty backs it up.*



# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp= Tube = T, Hybrid = H	Power Amp = P	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP										Price, \$	Notes
									Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to KHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)				
EAGLE	4 11	P P	2 1	No No	100 100	1V 1V		110 350	195 550		0.003 0.003	0-100 0-100	AB AB	1.0 1.5	30 30	1795.00 1995.00	Factory-refurbished only. As above.			
E.A.R.	834 859 V20 861	I/T I/T I/T P/T	2 2 2 2	No No No Yes	47 47 47 47	200 300 400 900	No No No No	50 13 24 32	50 13 24 24		1.0 1.0 0.5 3.0	15-40 20-20 12-80 20-20	A A A A		47 50 55 64	3595.00 3595.00 4595.00 6495.00	Enhanced triode mode; single-ended. Enhanced triode mode. As above; zero feedback.			
EDGE ELECTRONICS	M4 M6 M8 M10 M12 Signature One	P P P P P P	2 2 2 2 2 2	No No No Opt. Opt. Opt.	30 30 30 30 30 30	100 100 100 100 100 100		70 120 140 170 220 300	140 240 340 440 440 800		0.005 0.005 0.005 0.005 0.005 0.005	5-100 3-100 1-100 1-100 1-100 1-100	A/AB A/AB A/AB A/AB A/AB A/AB		42 56 68 75 150 Pair 25,000 Set	1550.00 2365.00 4150.00 8350.00 13,500 Four chassis.				
ELECTRO-COMPANET	AW60 FTT AW120 DMB AW180 MB AW250 DMB ECI-1 ECI-2 ECI-3	P P P P I I I	2 2 2 2 2 2 2	Yes Yes Yes Yes Yes Yes Yes	330 220 330 330 47 20 47	† 300 300 300		60 120 180 250 100 50 60	120 240 360 500 180 90 110	240 480 1000	0.001 0.001 0.001 0.001 0.001 0.001 0.001	20-30 20-30 20-30 20-30 20-30 20-30 20-30	A A A A A A A	1.4 1.4 1.4 1.4 1.4 1.4 1.4	25 36 52 110 40 25 30	1995.00 3995.00 6995.00 Pair 5995.00 3495.00 1995.00 2195.00	Fully balanced differential circuitry. †Balanced, 400 mV, unbalanced, 800 mV. As above. As above. As above.			
ELECTRONIC VISIONARY SYSTEMS	ST-160 HPA-1	P †	2 2	No No	100 10	130 250		80 2	120		0.1 0.1	20-20 20-20	AB A	1.2	35 15	1300.00 1000.00	Zero feedback; optional input switching and volume control. †Headphone amp for Sennheiser 600. Zero feedback.			
ELECTRO-VOICE	P-1200 P-1250 P-2000 P-3000 7100 1.0 KW 1.5 KW 2.0 KW	P P P P P P P P	2 2 2 2 2 2 2 2	Yes Yes Yes Yes Yes Yes Yes Yes	20 20 20 20 30 20 20 20	775 775 775 775 775 775 775 775		350 350 500 750 95 300 450 550	500 500 800 1200 130 450 750 900	1000 1000 1600 2400 260 900 1550 1850	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20	AB AB AB AB AB H H H	1.2 1.2 1.2 1.2 1 1.2 1.2 1.2	18 21 24 25	1788.00 1988.00 2730.00 3576.00 654.00 1470.00 1750.00 2050.00	Limiters; detented front-panel level controls. As above; switchable to match Electro-Voice B6 and LPN speaker alignments. Limiters; detented front-panel level controls. As above. Headphone jack; optional plug-in crossover modules. Detented front-panel level controls; switchable to match Electro-Voice B6 and LPN speaker alignments. As above. As above.			
ELITE	M-72	P	4	No				50		100		20-20			48	1000.00				
ENSEMBLE	Evocco(RI) Evivo Ecco	I/H P/H I/H	2 2 2	No No No	45 20 45	360 1.1V 360	No No No	100 100 100	150 150 150		0.2 0.2 0.2	5-60 5-60 5-60	AB AB AB		33 33 33	6990.00 5490.00 4750.00				
ESSENCE	Sapphire II Emerald II Jasper III	P P P	2 2 2		20 20 20	1V 1V 1V		250 250 250	400 400 400		0.01 0.01 0.01	20-50 20-50 20-50	AB AB AB		110 120 135	9850.00 16,500 23,500	High-current mono version available. As above. As above.			
EXPOSURE	20 15 25(RI) 18 Super 18 Mono 4 DR 16 Mono	I I I P P P P	2 2 2 2 1 2 1	No No No No No No No			No Yes No	55 55 55 70 60 90 120							17 17 17 17 17 45 65	1250.00 1450.00 1850.00 1595.00 2750.00 Pair 3750.00 6995.00 Pair				
FENTON AUDIO	Stereobate II	P	1	Yes	50	500		300	600		0.022	20-100	A/AB		95	2300.00 Pair	Water-cooled; optical isolation.			
Fi	2A3 300B 421A X	P/T P/T P/T P/T	2 2 2 2	No No No No	470 100 250 470	750 500 800 750		3 8 5 3	3 8 5 6			18-23 18-23 18-25 18-23	A A A A		27 35 25 12	2350.00 3450.00 2675.00 892.00	Direct-coupled; mono version, \$2975.00 per pair. Mono version, \$4200.00 per pair. Direct-coupled; single-ended, type 2A3 tube; optional output transformer upgrade.			
FM ACOUSTICS	Classic Series F-10 Classic Series F-10B Classic Series F-30 Classic Series F-30B Classic Series F-50 FM 2011 Resolution Series 811 Resolution Series 611X Resolution Series 611 Resolution Series 411 FM 800A	P P P P P P P P P P P	2 2 2 2 2 1 2 2 2 2 2	No Yes No Yes Yes Yes Yes Yes Yes No	6 40 6 40 40 40 40 40 40 130 5	1.6V 1.6V 1.6V 1.6V 1.6V 1.6V 1.6V 1.6V 1.6V 1.6V 1.6V		200 200 400 400 800 1000 440 250 250 130 400	300 300 700 700 1600 1900 750 425 420 200 600		0.012 0.012 0.01 0.01 0.009 0.008 0.008 0.008 0.006 0.007	5-60 5-60 3-70 3-70 1-70 5-60 1-60 1-60 1-60 3-60 5-60	A A A A A A A A A A A		27 27 42 42 66 21 110 16 60 10 66	9980.00 10,980 14,980 15,980 17,980 Each 62,500 Each 59,800 40,000 38,000 24,000 17,250	Limited edition. Fully balanced circuitry. As above.			

# 9B ST



## Hearing is Believing... Feel the Emotions

Bryston's 9B ST delivers extraordinary quality to your entire home theatre surround sound experience.

Feel the emotions: be shocked, be happy, feel sad, scared out of your wits, surprised, be moved, be excited, feel like you want to cry with joy. The Bryston 9B ST amplifier will awaken all of your emotions in a simple elegant package designed to provide *5 channels of uncompromised sound quality.*

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**BRYSTON**

CIRCLE NO. 143 ON READER SERVICE CARD



# AMPLIFIERS

MANUFACTURER	Model (R)= Remote Included, (RO)= Remote Optional	Integrated Amp= Tube = T, Hybrid = H	Power Amp= P, AB, A, B, A/B	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP						Weight, Pounds (To Nearest Pound)	Price, \$	Notes
									Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridge Mode, Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation			
GOLDEN THEATER	GTA-1	P	5	No	20			150	225		0.06	20-20	AB	3	1995.00		
GOLDEN TUBE AUDIO	SE-300B Mki	P/T	1	No	100	1.25V		9			5	20-20	A		30	2998.00	Single-ended triode output.
	SE-845	P/T	1	No	100	1.25V		20			5	20-20	A		50	4998.00	Pair
	SE-85	P/T	2	No	100	1.25V		85			5	20-20	AB		45	1798.00	As above; type 845 tube.
	SE-200	P/T	1	No	100	1.25V		200			5	20-20	AB		35	3998.00	Pair
	SE-40	P/T	2	No	100	1.25V		40		80	5	20-20	A		45	998.00	Single-ended; parallel output tubes.
	SE-40SE	P/T	2	No	100	1.25V		40		80	5	20-20	A		55	1398.00	As above.
SE-300B Mk2	P/T	2	†	100	1.25V		9		18	5	20-20	A		45	1748.00	Single-ended triode output; adjustable feedback; upgraded version, \$1998.00. †Balanced input for bridged operation only.	
SI-50 Mk2(RI)	I/T	2	No	10			Opt.	50			5	20-20	AB		28	1198.00	Adjustable feedback; optional tube phono stage, \$100.00.
GOLDMUND	SRA	P	2	No	50	1.4V		50	80		0.01	0-1M			22	1500.00	
	SRM	P	1	No	50	1.4V		125	200		0.01	0-1M			24	1950.00	
	Mimesis 29	P	2	Yes	50	1.4V		250	400		0.01	0-1M		3.5	140	Each 12,990	
Mimesis 28	P	2	Yes	50	1.4V		175	300		0.01	0-1M		4	95	4990.00		
GW LABS	270	P/T	2	No	100	900		70	70		0.2		AB			1699.00	
HAFLER	9505	P	2	Yes	47	1.58V		250	375	750	0.1	0.15-300	AB		50	2200.00	
	Trans-nova P7000	P	2	Yes	47	850		350	500	1000	0.1	0.2-100	AB		40	1399.00	THX certified; fan-cooled; crossover filters for biamping.
	Trans-nova P4000	P	2	Yes	47	710		200	275	550	0.1	0.2-200	AB		34	999.00	
	Trans-nova P3000	P	2	Yes	47	1.2V		150	200	400	0.1	0.2-300	AB		23	779.00	
	Trans-nova P1500	P	2	Yes	47	870		75	85	170	0.1	0.2-300	AB		22	599.00	
	Trans-nova P1000	P	2	Yes	47	375		50	55	110	0.1	0.2-100	AB		12	569.00	
HARMAN KARDON	Signature 1.5	P	2	No	33	1V		200	350	700	0.03	1-100	AB	1.6	47		
	Signature 2.1	P	5	No	33	1V		100	150		0.03	1-100	AB	1.6	47	1499.00	
	PA 5800	P	5	No	33	1V		80	110		0.03	10-100	AB	1.4	30		
HARMONIC PRECISION	HP-150	P	2	No	24			75	90		0.1	5-50	AB	2.5		895.00	Optional 240-V operation.
	HP-150 Mono	P	1	No	24			100	125		0.09	5-50	AB	2.4		1600.00	As above.
HEADROOM	Little	†	2	No	47			0.3				20-20	AB		1	249.00	†Portable headphone amp.
	Supreme	†	2	No	47			0.3				20-20	AB		1	449.00	
	Cosmic	†	2	No	47			0.3				20-20	AB		1	599.00	
	Home	††	2	No	47			0.3				20-20	AB		5	599.00	††Headphone amp.
	Max	††	2	No	47			0.3				20-20	AB		8	1333.00	
HOUSTON	GSI-01	I/T	2	No	100	200		40	40		0.9	20-20	AB		38	760.00	
	GSP-02	P/T	2	No	200	700		60	60		1	20-20	AB		51	960.00	
	GSM-260	P/T	1	No	200	1V		†	†		0.8	20-20	A/AB		49	1860.00	†Triode mode, 35 watts; Ultra-Linear mode, 65 watts.
	GSE-8430	P/T	1	No	100	680		25	25		2	20-20	A		56	4360.00	Single-ended; type 845 and 300B tubes.
INTERACTIVE LABS	Fatboy	P	5	No	10			200	200		0.01	20-20	AB			1999.00	Current-sensing AC outlet; DC on/off triggering; convertible to 220 V.
	Littleboy Junior	P	3	No	10			200	200		0.01	20-20	AB			1199.00	As above.
		P	5	No	10			200	200		0.01	20-20	AB			1599.00	Convertible to 220 V; optional DC on/off triggering, \$100.00.
JADIS	DA 5	P/T	2					40								4795.00	
	DA 8	P/T	2					80								6795.00	
	Defy 7 Mk IV	P/T	2					100								8495.00	
	JA 30	P/T	1					30								9295.00	
	JA 80	P/T	1					60								14,995	Pair
	JA 100	P/T	1	Yes												18,495	Pair
	JA 200	P/T	1					160								25,995	Pair
	JA 250	P/T	1	Yes				400								34,995	Pair
	JA 500	P/T	1													50,000	Pair
	JA 800	P/T	2	Yes				400		800						50,000	Sys.
	Orchestra	I/T	2					40								2495.00	Two mono amps and shared external power supply; four mono amps and two power supplies, \$89,000.
DA 30	I/T	2					30								5895.00		
DA 60	I/T	2					60								8018.00		
SE 300B	P/T	1					10								13,500	Single-ended; parallel type 300B tubes.	
SE 845	P/T	1					20								20,000	Pair	
															20,000	Pair	
															20,000	Pair	
JOLIDA	JD-102B	I/T	2		100	500	No	20	20	40	1.5	27-35	AB1		19	550.00	Maximum of six additional jacks optional (for processor loop, tape output, and preamp output); optional hard-wired bridging; dual-voltage version available.
	JD-202A	I/T	2		100	400	No	40	40	80	1	30-75	AB1		28	695.00	As above but single-voltage only (115 or 230 V).
	JD-302B	I/T	2		100	450	No	50	50	100	1	25-100	AB1		39	925.00	As above.
	JD-502B	I/T	2		100	500	No	60	60	120	1	19-75	AB1		39	1100.00	As above.
	JD-801A	I/T	2		100	250	No	70	70	140		19-100	AB1		50	1400.00	As above but dual-voltage version available.

# C O N C E N T R A



PARKER AND THE SAX,  
HEIFETZ AND THE VIOLIN,  
CLAPTON AND THE GUITAR;  
IN THE VAST UNIVERSE OF MUSIC  
SOME COMBINATIONS SEEM TO WORK  
BETTER THAN OTHERS. JEFF ROWLAND  
DESIGN GROUP WOULD LIKE TO INTRODUCE  
ANOTHER COMBINATION DESTINED TO MAKE AUDIO  
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DESIGN GROUP

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E-MAIL: [jrdg@aol.com](mailto:jrdg@aol.com) WEB: <http://www.jeffrowland.com>

CIRCLE NO. 37 ON READER SERVICE CARD

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp = I, Power Amp = P, Tube = T, Hybrid = H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP										Price, \$	Notes	
								Cont. Average Watts/Channel into 8 Ohms		Cont. Average Watts/Channel into 4 Ohms		Bridged Mode: Avg. Watts/Channel into 8 Ohms		Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB			Weight, Pounds (To Nearest Pound)
								1	2	1	2	1	2							
JOULE ELECTRA	VZN-80	P/T	2	Yes	20	600		80	50	160	1	2-100	A	3	60	6900.00	Single-ended; output transformerless; differential mu-follower driver stage. As above.			
	VZN-100	P/T	1	Yes	20	600		100	60		1	2-100	A	3	50	9500.00				
	VZN-160	P/T	1	Yes	20	600		160	100		1	2-100	A	3	55	12,500.00				
	HO-100	P/H	2	No	20	1V		100	200	400	0.5	1-100	A	3	40	3500.00				
	HO-200	P/H	1	Yes	20	1V		200	400	800	0.5	1-100	A	3	40	6500.00				
JRM	Power Tower	P	4		10	†		††	†††		0.02	0.6-75	AB	3	65	4860.00	†2 V x 2 and 1.1 V x 2. ††180 watts x 2 and 70 watts x 2. †††500 watts x 2 and 250 watts x 2 into 2 ohms. All-cascade design.			
KAB ELECTRO-ACOUSTICS	Souvenir TCA	P	2	No	30	1V		19	15		0.07	30-20	A	0	17	995.00	Single-ended output.			
KCE TECHNOLOGY	P5060	P	2	No	30	750		60	100		0.1	20-20	AB	1.0	30	550.00				
	P5120	P	2	No	30	750		120	200		0.1	20-20	AB	1.0	35	800.00				
	P5180	P	2	No	30	750		180	300		0.1	20-20	AB	1.0	40	1200.00				
KENWOOD	KM-Z1	P	6	No	30	1.1V		135			0.001	20-20	AB		53	1200.00	THX certified; DB-25 and RCA inputs.			
KINERGETICS RESEARCH	Reference R-288	P	†	Yes	10	1V		††	††		0.008	20-20	A		72	3495.00	†Single-ended mode, four channels; fully balanced differential mode, two channels. ††Balanced, 350 watts into 8 ohms or 600 watts into 4 ohms; single-ended, 140 watts into 8 ohms or 300 watts into 4 ohms. Constant-current design.			
KLIMO	Kent	P/T	1	No	220			35	35		0.3		AB		19	3800.00	Operates into 1 ohm.			
	Linnet	P/T	1	No	100			100	100		0.3		A		43	8500.00				
KNÖLL SYSTEMS	MR1250	P	12	No	12	1V		50			0.1	10-40	AB	3	21	949.00				
KORA ELECTRONIC CONCEPT	Flash Design 30	I/T	2	No	100		No	25	25		1	30-20	A/AB	1.3	25	2195.00	No feedback; Class-A operation to 10 watts.			
	Design 50	I/T	2	No	100		No	30	30		0.08	16-40	A/AB	1.4	40	3295.00				
	Jupiter	P/T	2	No	50	100	No	50	50		0.07	16-40	A/AB	1.4	50	4795.00				
	Titan	P/T	2	No	10	1V		60	60		0.3	7-60	A/AB	1.4	60	4495.00				
	T100SB	P/T	2	Yes	10	1V		120	120		0.3	7-60	A/AB	1.5	60	7495.00				
		P/T	1	Yes	33	1V		80	80		0.1	10-60	A/AB	1.5	70	10,295.00				
KRELL	FPB-650M	P	1	Yes	100			650	1300		0.03	0.1-240	A			12,500.00	12-V trigger input. As above; bridgeable. 12-V trigger input; four-channel version, \$4000.00; three-channel, \$3000.00; two-channel, \$3000.00. 12-V trigger input and output.			
	FPB-350M(RO)	P	1	Yes	100			350	700		0.03	0.1-240	A			8250.00				
	FPB-250M(RO)	P	1	Yes	100			250	500		0.02	0.1-240	A			5000.00				
	FPB-600(RO)	P	2	Yes	100			600	1200		0.02	0.1-240	A			12,500.00				
	FPB-300(RO)	P	2	Yes	100			300	600		0.02	0.1-240	A			9000.00				
	FPB-200(RO)	P	2	Yes	100			200	400		0.02	0.1-240	A			6500.00				
	KAV-250a	P	2	Yes	100			250	500	1000	0.06	0.4-170	AB			3000.00				
	KAV-150a	P	2	Yes	100			150	300		0.03	1-100	AB			1950.00				
	KAV-500	P	5	Yes	100			100	200	400	0.03	1-100	AB			4500.00				
	KAV-500i	I	2	Yes	57			250	500		0.06	20-20	AB			4500.00				
KAV-300i(RI)	I	2	Yes	210			150	300		0.06	1-100	AB			2495.00					
LAMM	M1.1	P/H	1	Yes	41	725		100	100	400	0.3	4-150	A		65	7945.00	No overall feedback; remote power on/off with Lamm preamp; operates into 1 ohm. As above.			
	M2.1	P/H	1	Yes	41	1.02V		200	200	800	0.3	4-150	A/AB		66	7545.00				
	DM1	P/H	2	Yes	41	800		125	250	500	0.3	4-150	A/AB		75	9690.00				
	ML1	P/T	1	Yes	41	1.2V		90	90		2.5	12-50	A/AB		70	9990.00				
	ML2	P/T	1	Yes	41	775		18	18		3	20-80	A		68	14,645.00				
LEGACY AUDIO	The Monobloc	P	1	Yes	50	1.6V		450	800		0.03	1-100	A/AB	1.4	50	2400.00	Subwoofer level adjustment; video input.			
	Legacy Stereo	P	2	Yes	50	1.6V		250	400		0.03	1-100	A/AB	1.2	45	1995.00				
	High Current Legacy 4/3/2	P	4	No	50	1.6V		140	225		0.03	1-100	A/AB	1.2	45	1895.00				
	High Current Impulse(RI)	I	2	No	50	175	No	200	350		0.03	1-100	A/AB	1.2	50	3195.00				
LEGEND AUDIO DESIGN	Triode 200SE	P/T	1												38	28,000.00	Includes two external power supplies; single-ended.			
	LM-The Triode	P/T	1												38	5495.00				
	LM-90	P/T	1												38	4395.00				
	LM-II	P/T	1												28	3495.00				
MARK LEVINSON	No. 33	P	1	Yes	50			300	600		0.2	20-20			220	35,000.00	Adaptive bias.			
	No. 33H	P	1	Yes	50			150	300		0.2	20-20			175	19,950.00				
	No. 336	P	2	Yes	†			350	700	1400	0.3				145	8995.00				
	No. 335	P	2	Yes	†			250	500	1000	0.3				130	7495.00				
	No. 334	P	2	Yes	†			125	250	500	0.3				120	5995.00				
LEXICON	NT-512	P	5	Yes	50			120	200		0.007	0.5-100	AB		65	3995.00	THX certified.			
	NT-312	P	3	Yes	50			120	200	400	0.007	0.5-100	AB		38	2495.00				
	NT-212	P	2	Yes	50			120	200	400	0.007	0.5-100	AB		26	1695.00				

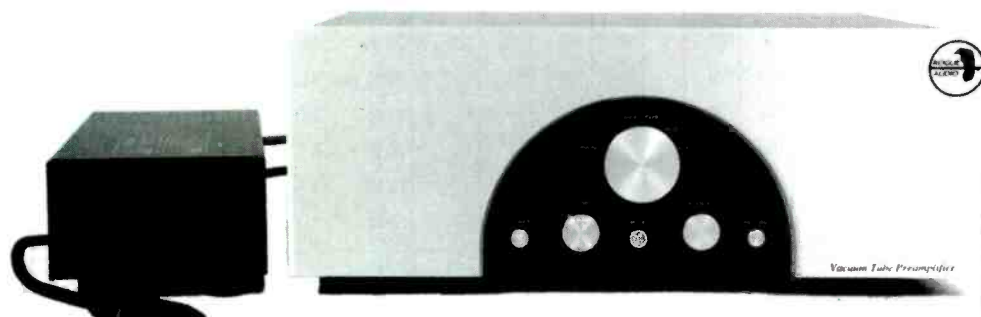


# The Rogue Audio IQ Test

Q. What are the key elements of great tube amplification?

- A) Sonic Excellence
- b) Rugged Design
- c) Great Appearance
- d) Superb Value
- e) All of the Above

If you chose 'e' then there's only one answer . . .



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CIRCLE NO. 163 ON READER SERVICE CARD

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp - I, Tube = T, Hybrid = H	POWER AMP										Weight, Pounds (To Nearest Pound)	Price, \$	Notes			
			Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	Cont. Average Watts/Channel		Bridged Mode: Avg. Watts/Channel into 8 ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz				Class of Output Operation	Dynamic Headroom, dB	
								into 8 Ohms	into 4 Ohms									
LEXICON (Continued)	NT-225	P	2	Yes	50				250	400	800	0.007	0.5-100	AB		45	2395.00	As above.
	NT-501	P	2	Yes	50				500	800		0.007	0.5-100	AB		49	2395.00	As above.
LINN	KLout	P	2	No	5			80	160							24	3995.00	
	LK85	P	2	No	10		150	62	85							16	795.00	
	LK140	P	2	No	10			95	140							15	1350.00	
	LK240	P	1	No	4.7			125	240							18	1200.00	
	AV5105 Majik-IP(RI)	P	2	No	10	300	Yes		100	200	66					11	1345.00	Without phono, Majik-IL, \$1195.00.
LORY ELECTRONICS	A250	P	2	Yes	50	300		125	150	250	0.01	15-50	AB		18	495.00		
	PA21A	P	2	Yes	50	300		140	160	280	0.008	10-50	AB		18	595.00		
	PA21C	P	2	Yes	50	300		140	160	280	0.008	10-50	AB		18	675.00		
LUXMAN	M-10	P	2	Yes	†			250	400	800	0.005	10-100	AB				9500.00	†Balanced, 80 kilohms; unbalanced, 47 kilohms.
	M-7	P	2	Yes	†			150	230	460	0.005	10-100	AB				5000.00	†Balanced, 66 kilohms; unbalanced, 47 kilohms.
	M-363	P	2	No	45	1V		150	180		0.004		AB	2.35	30	795.00		
	M-375	P	2	No	45	1V		150	180		0.004		AB	2.35	31	995.00		
	M-383	P	2	No	45	1V		220	300	550	0.003		AB	1.75	39	1495.00		
	SQ-38s	I/T	2	No	47		Yes	30†				0.5	20-20	AB			3500.00	†Into 6 ohms.
	L-505s	I	2	Yes	47	150	Yes	70				0.005	20-20	AB			2600.00	
	L-507s	I	2	Yes	47	150	Yes	100				0.005	20-20	AB			3600.00	
	A-312(RI)	I	2	No	47	150	Yes	40	70			0.01	AB	2.1	18	349.00		
	A-331(RI)	I	2	No	47	150	Yes	60	105			0.01	AB	1.75	19	449.00		
	A-353(RI)	I	2	No	40	150	Yes	60	105			0.008	AB	2	20	595.00		
	A-373(RI)	I	2	No	40	150	Yes	80	130			0.008	AB	1.75	22	795.00	Video switching.	
A-384(RI)	I/H	2	No	40	150	Yes	80	130			0.4	AB	1.4	22	995.00			
A-383(RI)	I	2	No	40	150	Yes	100	180			0.008	AB	1.75	31	1295.00	As above; multi-room.		
MADISON FIELDING	DSA 450(RO)	I	4	No	47	100		50			0.4	20-20	AB	1.2	20	799.00	Two motorized volume controls.	
	DSA 630(RO)	I	4	No	47	100		30			0.04	20-20	AB	1.2	25	949.00	Three motorized volume controls.	
MANLEY LABS	Reference 250	P/T	1	Yes	130	750		†			1.0	10-100	AB1	1.5	70	9000.00	†Tetrode mode, 300 watts into 5 ohms; triode mode, 175 watts into 5 ohms.	
	Reference 500	P/T	1	Yes	130	750		†			1.0	10-100	AB1	1.5	92	12,000 Pair	†Tetrode mode, 500 watts into 5 ohms; triode mode, 275 watts into 5 ohms. Variable feedback and slope.	
	50 Watt	P/T	1	No	100	500		40	40		1.0	20-30	AB1	1.5	13	2340.00 Pair		
	Lab Series 75+75	P/T	2	No	130	775		80	80		1.0	20-50 ±0.2	AB1	1.5	30	1850.00		
	120 Watt Mono	P/T	1	No	100	750		†			1.0	20-50	AB1	1.5	25	4000.00 Pair	†Tetrode mode, 120 watts into 5 ohms; triode mode, 65 watts into 5 ohms.	
	SE/PP 300B Retro	P/T	1	Yes	100	1V		†			1.0	20-16	A	1.5	30	5500.00	†Single-ended mode, 18 watts into 5 ohms; push-pull mode, 36 watts into 5 ohms.	
	75/150 807 SE/PP	P/T	1	No	100			†					A	1.5	75	8600.00	†Single-ended mode, 72 watts into 5 ohms; push-pull mode, 150 watts into 5 ohms.	
100 Stereo Stingray	I/T	2	No	100	750	No	80	80	1.0	20-50	AB1	1.5	50	4400.00	Controls can be bypassed.			
MA-700	I/T	2	No	100	750	No	50	50	1.0	30-20	AB	1.5						
MARANTZ	MA-700	P	1	No	25	1V		200	300	600	0.09	20-20	AB		25	500.00	THX certified.	
	MA-500	P	†	No	25	1V		125	180	450	0.09	20-20	AB		18	300.00	As above.	
	PM-17(RI)	I	2	No	10	150	Yes	60	100		0.01	10-50	AB		33	1200.00		
	PM-68(RI)	I	2	No	50	150	Yes	100	150		0.09	20-20	AB		20	500.00		
PM-57(RI)	I	2	No	50	150	Yes	50	75		0.09	20-20	AB		16	300.00			
MARCHAND ELECTRONICS	MB200	P	1	Yes	50	2V		200	200		0.01	20-20	A	1		1995.00	Price per pair, \$2995.00; transformer-coupled output; optional digital input.	
McCORMACK AUDIO	Power Drive DNA-2 Deluxe	P	2	Yes	100	1.6V		300	600		0.05	20-20	A/AB	1.5	80	4995.00	Operates in Class A up to 25 watts per channel.	
	Power Drive DNA-1	P	2	Yes	100	1V		185	370	370	0.05	0.5-200	A/AB	0.95	45	2095.00	Dual terminals; low-feedback design; Deluxe version, \$2495.00.	
	Power Drive DNA-0.5	P	2	No	100	1V		100	200		0.05	0.5-200	A/AB	1	35	1495.00	Mechanical ground; low-feedback design; Deluxe version, \$1795.00.	
	Micro Power Drive DNA-HT1	P	2	No	100	1V		50	75	120	0.05	4-150	A/AB	1	15	995.00		
	Power Drive DNA-HT1	P	3	No	100	1V		†	200		0.05	0.5-200	A/AB	1.0	45	2295.00	†100 watts x 2 and 150 watts x 1. Deluxe version, \$2895.00.	
McINTOSH	MC1000	P	1	Yes	10	2.5V		1000	1000		0.005	20-20	AB	2.1	105	6500.00	Autoformer output.	
	MC500	P	2	Yes	10	2.2V		500	500	1000	0.005	20-20	AB	2.1	114	7000.00	As above.	
	MC300	P	2	Yes	20	1.4V		300	300	600	0.005	20-20	AB	1.9	79	4000.00	As above.	
	MC162	P	2	No				160	160		0.005	20-20	AB	2.1	41	2200.00		
	MC122	P	2	No				120	120		0.005	20-20	AB	2.1	24	1200.00		
	MC7205	P	5	No				200	200		0.005	20-20	AB	2.1	53	4500.00		
	MC7106 THX	P	6	No	20	1V		100	160	320	0.005	20-20	AB	2.1	53	3500.00	THX certified.	
	MC7108	P	8	No	20	1V		100	40	†	0.005	20-20	AB	1.8	40	2500.00	†Each pair of channels bridges to 100 watts into 4 ohms.	
	MA6450(RI)	I	2	No	22	2.5V	No	100	100		0.005	20-20	AB	2.4	63	2200.00		
MA6850(RI)	I	2	No	22	2.5V	Yes	150	150		0.005	20-20	AB		91	3500.00	Autoformer output.		
MELOS TECHNOLOGIES	RWT-25	P/T	2	No	100	250		30	30	60	0.9	10-40	A	1.1	70	1895.00	Triode.	
	RWT-40	P/T	2	No	100	250		40	40	80	0.9	10-40	A	1.1	90	4895.00	As above.	
	RWT-70	P/T	1	No	100	250		70	70	140	0.9	10-40	A	1.1	80	9895.00	As above.	
	RWT-150	P/T	1	No	100	250		150	150	300	0.9	10-40	A	1.1	110	17,895.00	As above.	
	MAT-100	P/T	2	Yes	100	500		100	100	200	0.5	10-50	AB	3	70	1895.00	As above.	
	MAT-175	P/T	2	Yes	100	500		170	175	340	0.5	10-50	AB	1.4	90	4895.00	As above.	
	MAT-1000	P/T	1	Yes	100	500		400	400	800	0.5	10-50	AB	1.4	90	9895.00	As above.	
	MAT-2000	P/T	1	Yes	100	500		800	800	1500	0.7	10-50	AB	1.4	110	17,895.00	As above.	

# AMPLIFIERS

MANUFACTURER	Model (R)=Remote Included, (RO)=Remote Optional	Integrated Amp-I, Power Amp-P; Tube=T, Hybrid=H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP						Weight, Pounds (To Nearest Pound)	Price, \$	Notes
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation			
MERIDIAN	551 556 557 505	I P P P	2 2 2 1	No No Yes Yes	10 20 1.6V 1.4V 1.27V	Opt.	55 100 200 160	80 175 360 275		0.003 0.003 0.003 0.003	0-60 5-50 0-60 5-50	AB AB AB AB		20 20 60 35	1495.00 1595.00 2395.00 1395.00 Each	†Balanced, 10 kilohms; unbalanced, 22 kilohms.
MESA ENGINEERING	Baron 5881  Baron E34L Baron KT99A Knight  Tigris	P/T  P/T P/T P/T  I/T	2  2 2 1  2	Yes  Yes Yes Yes  No	†  650 650 650  60		150  175 200 100  35	150  175 200 100  35		0.5  0.5 0.5 0.5  0.5	20-20  20-20 20-20 20-20  20-20	A/AB  A/AB A/AB AB  A	1.5  1.5 1.5 1.5  1.3	65  65 65 40  35	3995.00  4500.00 5000.00 2495.00 Pair 2495.00	Selectable triode or pentode operation; selectable negative feedback (0, 2, 4, or 8 dB); 5881 output tube. †Selectable (60k; 110k for biamping). As above but E34L Tesla output tube. As above but KT99A output tube.  Selectable triode or pentode operation; adjustable negative feedback; EL84 and 6V6 output tubes.
MISTRAL	Integrated Powerstage	I P	2 2	No No		No	50 50								1095.00 995.00	
MONARCHY AUDIO	SM-70 SE-100 Basic  SE-100 Deluxe  SE-160	P P  P  P	2 1  1  1	Yes Yes  Yes  Yes	100 30  30  30	400 1.25V  1.25V  1.25V	25 100	35 160	70	0.01 0.01	20-20 20-20	A A	1 1	18 23	719.00 899.00 Each 1179.00 Each 1500.00 Each	Zero feedback.
BRUCE MOORE AUDIO DESIGN	Dual Seventy M 125  M 225  Classic 300B	P/T P/T  P/T  P/T	2 1  1  1	No No  No  No	412 412  412  412	1.2V 1V  1.5V  1.8V	70 125	70 125		1 1	15-60 15-80	A/AB A/AB	1.1 1.1	65 55	3800.00 6800.00 Pair 9800.00 Pair 4900.00 Pair	Ultra-Linear operation. As above; switchable to triode operation.  As above.  Svetlana 300B tube.



PASS LABS
ALEPH SERIES

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CIRCLE NO. 22 ON READER SERVICE CARD

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp = I, Power Amp = P, Tube = T, Hybrid = H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP							Weight, Pounds (To Nearest Pound)	Price, \$	Notes
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB			
MUSEATEX AUDIO	AS10	P	2	No	100			100	150		0.25	1-20	AB		24	1999.00	
MUSE ELECTRONICS	100 160 175 300	P P P P	2 2 1 1	Opt. Yes Yes	10 10 10	890 1.1V 1.1V 1.6V		100 160 175 300	200 250 325 500		0.5 0.5 0.5	13-200 13-200 13-250	AB AB AB AB		30 39 39 39	1350.00 1900.00 1750.00 2000.00	Balanced version. \$1450.00. Each Each
MUSICAL CONCEPTS	PA-3	P	2	No	25	1.5V		350 Max.	500 Max.	1100 Max.	0.06	0.02-120				299.00	Kit (modification to Hafler and other MOS-FET amps); with factory installation, \$394.00; with upgraded circuitry, PA-3 Signature, \$549.00.
MUSICAL DESIGN	D-75B DM-100B D-150B D-150C D-75.3	P P P P P	2 2 2 2 3	No No No No	24 24 25 25 24	900 1.7V 1.7V 1.5V 900		75 100 150 150 75	125 200 240 240 125		0.03 0.03 0.03 0.09 0.03	0.3-200 0.3-200 0.1-180 20-20 0.3-200	AB AB AB AB AB		20 28 35 36 24	795.00 1195.00 1495.00 1695.00 1095.00	Bridgeable. As above. Single-ended input and driver stages.
MUSICAL FIDELITY	A1001(RI) A220 A2 E11 E30 X-A1 X-A200 X-A50	I I I I P I P P	2 2 2 2 2 2 1 1	No No No No No No No		300 300 300 300 775 300 775 775	No Yes Yes No	200 50 25 60 100 50 200 50	400 100 50 110 160 100 400		0.06 0.01 0.005 0.005 0.05 0.003 0.003	10-30 10-20 10-20 10-20 20-20 10-35 10-50	AB A A AB AB AB AB		66 28 20 19 21 16 24	2995.00 1150.00 800.00 595.00 845.00 600.00 1495.00 699.00	Preamp output. As above. As above. As above. As above: external power supply. Pair
MUSIC REFERENCE	RM-9 Special RM-10 RM-200	P/T P/T P/T	2 2 2	No No Yes	100 100 100	1V		125 35 100	160 35 150		0.2 0.3 0.2	20-20 20-20 20-20	AB2 A/AB1 AB2	1.5	63 16 56	10,000 1350.00 2950.00	
MYRYAD SYSTEMS	MI-120(RI) MA-120	I P	2 2	No No	10 100	250 775		60 60	120 120		0.05 0.05	20-20 20-20			19 19	999.00 899.00	Responds to remote on/standby signals from Myryad preamp or integrated amp.
NAD	S200 S300(RI) C340(RI)  218THX 216THX 214 317(RI)  912 916	P I I  P P P I  P P	2 2 2  2 2 2 2  2 2	Yes Yes No	47 10 20	1.4V 350 165  1.4V 1.1V 900 150	No No	225 100 50  225 125 80 80	400 200   780 400 240 240		0.03 0.07 0.03  0.03 0.03 0.03 0.03	20-20 20-20 20-20  20-20 20-20 20-20 20-20	AB AB AB  AB AB AB AB	1 1 3.5  1 1.4 1.5	55 42 17  51 31 25 27	1799.00 2199.00 399.00  999.00 699.00 449.00 799.00  279.00 699.00	Soft clipping. Zero feedback. Impedance-sensing circuit (matches power supply to load); soft clipping. THX certified; soft clipping. THX certified. May be paired with model above for 240-watt/channel stereo operation.
NAGRA	MPA(RI) VPA	I P/T	2 1	Yes Yes	50 50	300 400	No	250 50	350 50	†	0.05 0.1	2-200 30-40	AB A		30	14,500 12,000	Power amp version (no remote, 1-V high-level sensitivity), \$12,000. †500 watts into 4 or 16 ohms. Zero negative feedback; two type 845 tubes per channel.
NAIM AUDIO	NAIT 3R(RI) NAIT 3 NAP 90/3 NAP 140 NAP 180 NAP 250 NAP 135	I I P P P P P	2 2 2 2 2 2 1	No No No No No No	75 75		Opt. Opt.	30 30 30 45 60 70 75	45 45 45 70 90 125 135		0.01 0.01 0.01 0.01 0.01 0.01	20-20 20-20 20-20 20-20 20-20 20-20 20-20	B B B B B B B		10 10 12 14 26 30 30	1600.00 1200.00 950.00 1600.00 2250.00 3550.00 3550.00	Optional MM or MC phono stage, \$175.00. As above. Includes 24-V power supply for Naim preamps. As above. As above. Fan-cooled.
NAKAMICHI	PA-1 IA-1z(RI)	P I	5 5	No No	47 47	1V 250	No	120 80			0.1 0.1	10-30 10-30	AB AB		48 38	2000.00 2900.00	Four video inputs.
NELSON-REED	Triodium I Triodium II  Triodium Silver	I/T P/T  I/T	2 1  5	No No	48 33	800 800	No	18 25	18 25		0.25 0.4	17-28 18-25	A A	1.75 2.0	60 70	5400.00 8400.00	Single-ended; zero feedback. As above. Pair As above.
NILES AUDIO	ST-1230 TVA-20	P P	12 2	No No	10	334		30 20	37 80		0.04 0.05	5-50 20-20	AB AB		28 6	1195.00	Auto on; input bus can feed all 12 channels. Auto on; auto local/main source switching.
NVA	AP10H AP10 AP30 AP50	† I/T I/T I/T	2 2 2 2	No No No	20 20 20		No Opt. Opt.	12 30 50	16 40 65			20-20 20-20 20-20	AB AB AB	1.2 1.2 1.2	5 14 16	279.00 349.00 599.00 819.00	†Tube headphone amp. For headphones with 60-ohm (or higher) impedance. Headphone output. Optional phono stage, \$160.00. As above.
OCTAVE RESEARCH	OR-1	P	2		100			80	160	320	0.9	20-20	A	3	66	4000.00	No negative feedback

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp = I, Power Amp = P, Tube = T, Hybrid = H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP						Price, \$	Notes
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation		
ODYSSEY DESIGN GROUP	Stratos	P	2	Yes	1k		150	270		0.005	1-450	A/AB	60	1195.00	
ONIX	OA30L-Mk2	I	2	No	250		40	60		0.02	20-20	AB	13	695.00	Headphone jack.
	OA30M-Mk2	I	2	No	250	Yes	40	60		0.02	20-20	AB	13	795.00	As above.
	OA31L-Mk2	I	2	No	250		60	90		0.01	20-20	AB	14	1095.00	As above; with tone controls, OA31LT/2. \$1295.00.
	OA31M-Mk2	I	2	No	250	Yes	60	90		0.01	20-20	AB	14	1295.00	Headphone jack.
	OA32L	I	2	No	250		50	70		0.02	20-20	AB	13	895.00	As above.
	OA701	P	2	No	250		70	140		0.01	20-20	AB	16	1895.00	
	OA901	P	1	No	250		100	190		0.01	20-20	AB	16	1895.00	Bi-wire facility.
	OA1200	P	2	No	250		100	170		0.02	20-20	AB	21	1495.00	Each As above.
ONKYO	M-501	P	2	No	50		150			0.09	20-20	AB	23	399.95	Multi-room remote capability when used with P-301 preamp.
	Integra M-504	P	2	No	50		165			0.003	20-20	AB	46	869.95	
	Integra A-9911	I	2	No	25	300	Yes	90		0.06	20-20	AB	43	1119.95	Mid-bass control; zero feedback.
	Integra A-9711 (RI)	I	2	No	25	300	Yes	80		0.06	20-20	AB	33	849.95	Zero feedback.
	A-9310(RI)	I	2	No	25	300	Yes	50		0.08	20-20	AB	17	364.95	Surround amp with Dolby Pro Logic decoding and DSP; Dolby Digital (AC-3) ready; three video inputs.
	A-SV640(RI)	I	5	No			Yes	†		0.08	20-20	AB	26	649.95	†Stereo, 120 watts x 2; surround, 100 watts x 3 and 30 watts x 2.
Integra A-SV810PRO (RI)	I	5	No	50		Yes	†		0.06	20-20	AB	39	1099.95	Surround amp with Dolby Pro Logic decoding and DSP. †Stereo, 75 watts x 2; surround, 85 watts x 3 and 35 watts x 2.	
OPTIMUS	SA-155	I	2	No		Yes	1.8			1.0	20-20			59.99	Phono input switchable to magnetic or ceramic.



**PASS LABS**

**X SERIES**

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CIRCLE NO. 21 ON READER SERVICE CARD

# AMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included (RO)=Remote Optional	Integrated Amp-I, Power Amp=P, Tube=T, Hybrid=H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kiloohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP						Weight, Pounds (To Nearest Pound)	Price, \$	Notes	
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation				Dynamic Headroom, dB
PAPWORTH AUDIO TECHNOLOGY	TVA10	P/T	2	No	100			50	50		0.1	10-25	AB		40	3000.00	
	M100	P/T	1	No	100			100	100		0.15	20-30	AB		40	6200.00	
	M200	P/T	1	No	100			200	200		0.25	10-30	AB		70	9800.00	Pair
	M300	P/T	1	No				300	300		0.25	10-30	AB			13,800	Pair
PARADOX	Probe	P	2		100			200	400		0.01	10-60 ±0.1	AB	3	40	4000.00	
PARASOUND	HCA-3500	P	2	Yes	50			350	600		0.03		A/AB		80	2195.00	Direct-coupled; operates in Class A to 15 watts; bi-wire connections.
	HCA-2205A	P	5	No	50			220	310		0.05	12-80	AB	1.5	80	2495.00	THX certified; direct-coupled; auto on.
	HCA-2003A	P	3	No	50			220	310		0.05	12-80	AB	1.5	60	1725.00	As above.
	HCA-1500A	P	2	No	33			205	315	630	0.03	20-20	AB1	1.5		995.00	As above.
	HCA-1205A	P	5	No	33			120	200		0.03	20-20	AB1	1.5		1650.00	As above.
	HCA-1203A	P	3	No	33			120	200		0.03	20-20	AB1	1.5		1095.00	As above.
	HCA-1000A	P	2	No	33			135	200		0.03	20-20	AB1	1.5		595.00	As above.
	HCA-806	P	6	No	33			80	120	300	0.03	20-20	AB1	1.5		1195.00	Bridges to four or five channels.
	HCA-750A	P	2	No	33			75	100	200	0.1	12-80	AB	1.5	50	429.00	Auto on.
	P/HA-150	P	2	No				10			0.02	20-20	A		27	290.00	Headphone amp; two ¼-inch jacks.
	HCA-4012A	P	12	No	50			40	60		0.08	15-50	AB	1.5		1195.00	12 inputs and selectable master stereo input; auto on; connections for daisy-chaining.
ZAMP	P	2	No	50			30	45	90	0.05	15-50	AB	1.5	5	249.00	Half-rack width; DC-triggered remote turn-on.	
THE PARTS CONNECTION	Assemblage ST-40	P/T	2	No	100	1.3V		40	40		1	20-20	AB		40	899.00	Kit, \$699.00; optional upgrade kit, \$249.00.
PASS LABORATORIES	X1000	P	1	Yes				1000					A/AB		200	12,000	Single-ended.
	X600	P	1	Yes				600					A/AB		150	7500.00	As above.
	Aleph 0	P	1	Yes	10	280		75	150	1		20-20	A	0		4000.00	As above.
	Aleph 1.2	P	1	Yes	10	280		200		1		20-20	A	0		7000.00	As above; two gain stages.

(Continued)

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# AMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Integrated Amps= Tube= Hybrid= H	Power Amp= P	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP						Price, \$	Notes	
									Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation			Dynamic Headroom, dB
PASS LABORATORIES (Continued)	Aleph 2	P	1	Yes	10	280		100			1	20-20	A	0	3400.00	As above.	
	Aleph 3	P	2	No	23	280		30		1	20-20	A	0	2500.00	As above.		
	Aleph 4	P	2	Yes	15	280		100		1	20-20	A	0	7000.00	As above.		
	Aleph 5	P	2	Yes	10	280		60		1	20-20	A	0	3800.00	As above.		
PATHOS	Twin Towers(RI)	I/H	2	No	100		No	37	20		0.1	20-20	A		4950.00	With deluxe remote, \$5700.00.	
	Classic One(RI)	I/H	2	Yes	100		No	50	95	130	0.1	20-20	A/AB		1950.00		
PENTAGON	P-70	P	2	No				200	200		0.005		AB		45	3300.00	
	PM-70	P	1	No				400	400		0.005		AB		45	6500.00	
	A-70	I	2	No				95	95		0.008		AB		35	3200.00	
PERREAUX	750	P	1	Yes	†	135		750	1300		0.05	20-20	AB	2	77	From 5495.00	†Balanced, 20 kilohms; unbalanced, 12 kilohms.
	400	P	1	Yes	†	135		400	600		0.05	20-20	AB	2	37	Each From 3495.00	
	350	P	2	Yes	†	135		350	600		0.02	20-20	AB	2	77	Each From 4995.00	
	250	P	2	Yes	†	135		250	450		0.02	20-20	AB	2	66	From 3995.00	
	200	P	2	Yes	†	135		200	300		0.02	20-20	AB	2	33	From 2995.00	
	6160	P	6	No	12	135		160	225	425	0.02	20-20	AB	2.3	81	From 4995.00	
	200i	I	2	No		150	No	200	300		0.02	20-20	AB	2	37	From 2495.00	
POLYFUSION AUDIO	860	P	2	Yes	20			100	200	200	0.006	5-25	A/AB		36	2850.00	
	960	P	2	Yes	20			200	400	400	0.006	5-25	A/AB		60	4950.00	
	870	P	3	Yes	20			100	200	200	0.006	5-25	A/AB		42	3450.00	



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# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp = I, Power Amp = P, Tube = T, Hybrid = H	Maximum Number of Channels		Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mv	Phono Input?	POWER AMP				Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)	Price, \$	Notes
			Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms					Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz						
POWER MODULES	Belles 150A-2 Belles 150A-3 Virtuoso (RI)	P P I	2 3 2	No No No	100 100 50	1.27V 1.27V 350	No	100 100 30	170 150 60	0.1 0.1 1.5	1-100 1-100 1-100	AB AB A		28 32 60	1195.00 1495.00 3995.00	Balanced differential circuitry; zero feedback; two stages.	
PROCEED	Amp 2 Amp 3 Amp 5 HPA 2 HPA 3	P P P P P	2 3 5 2 3	Yes No Yes Yes Yes	† † †† †† ††			150 150 125 250 250	250 250 250 500 500	600 0.3 0.3 0.1 0.1	20-20 20-20 20-20 20-20 20-20	AB AB AB AB AB		47 61 119 100 125	1995.00 2995.00 4995.00 3250.00 4750.00	THX certified; upgrade to model below, \$1000.00. †Balanced, 100 kilohms; unbalanced, 30 kilohms. THX certified. As above; compatible with PHAST communication systems. ††Balanced, 100 kilohms; unbalanced, 50 kilohms. Compatible with PHAST communication systems. As above.	
PROTON	AA-1660 AP-2480 AA-2080 AA-2120	P P P P	6 4 2 2	No No No No	47 47 47 47	1V 1V 1V 1V		60 80 80 120	100 120 120 180	† † 0.01 0.01	10-50 20-20 ±5 10-100 10-100	AB AB AB AB	2.5 2.5 2.5 2.5	28 25 29 31	700.00 500.00 500.00 700.00	†150 watts x 3; also bridges to four or five channels. †200 watts x 2; also bridges to three channels.	
PSE	Studio V	P	1	Yes	50	1.2V		120	230		0-500	A/AB	†	23	1990.00 Pair		
QSC	PLX 1202 PLX 1602 PLX 2402 PLX 3002 PowerLight 1.0 PowerLight 1.0HV PowerLight 1.4 PowerLight 1.5X	P P P P P P P P	2 2 2 2 2 2 2 2	Yes Yes Yes Yes Yes Yes Yes Yes	20 20 20 20 20 20 20 20	1V 1.2V 1.5V 1.7V 940 1V 960 1.1V		200 350 475 825 550 200 300 300	325 600 825 1650 900 325 500 500	0.05 0.05 0.05 0.05 0.01 0.01 0.01 0.01		AB AB H H AB AB AB H AB/H	1.9 1.9 1.9 1.9 1.9 3 1.9 1.9 1.9	21 21 21 21 18 18 18 18 18	798.00 1198.00 1498.00 1798.00 1488.00 1578.00 1698.00 1728.00	†Class-AB mode, 200 watts into 8 ohms, 325 watts into 4 ohms; Class-H mode, 450 watts into 8 ohms, 700 watts into 4 ohms.	
(Continued)																	

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# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included (RO) = Remote Optional	Integrated Amp = I, Power Amp = P, Tube = T, Hybrid = H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Photo Input?	POWER AMP						Weight, Pounds (To Nearest Pound)	Price, \$	Notes
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode Avg. Watts/Channel	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation			
QSC (Continued)	PowerLight 1.6HVX	P	2	Yes	20	1.1V	†	†		0.01		AB/H	1.9	18	1868.00	†Class-AB mode, 300 watts into 8 ohms or 500 watts into 4 ohms, Class-H mode, 700 watts into 8 ohms or 1100 watts into 4 ohms.
	PowerLight 1.8	P	2	Yes	20	1.14V	400	650	1300	0.01		H	1.9	18	2028.00	
	PowerLight 2.0HV	P	2	Yes	20	1.16V	650	1000	2000	0.01		H	3	18	2198.00	
	PowerLight 2.4MB	P	1	Yes	20	1.11V	1000	1550		0.01		H	1.9	18	2068.00	
	PowerLight 3.4	P	2	Yes	20	960	725	1200	2400	0.01		H	1.9	30	2998.00	
	PowerLight 4.0	P	2	Yes	20	1.06V	900	1400	2800	0.01		H	1.9	30	3398.00	
	MX 700	P	2	Yes	20	960	150	225	450	0.05		AB	3	25	675.00	
	MX 1000a	P	2	Yes	20	1.12V	250	350	700	0.01		AB	3	42	1135.00	
	MX 1500a	P	2	Yes	20	1.05V	350	500	1000	0.01		H	3	42	1195.00	
	MX 2000a	P	2	Yes	20	1.07V	450	650	1300	0.01		H	3	54	1595.00	
	MX 3000a	P	2	Yes	20	1V	800	1200	2400	0.01		H	3	69	2355.00	
	USA 400	P	2	Yes	20	1.12V	125	200	400	0.05		AB	2	24	675.00	
	USA 900	P	2	Yes	20	1.16V	270	450	900	0.05		AB	2	34	805.00	
	USA 1310	P	2	Yes	20	1.12V	400	655	1310	0.05		AB	2	54	1165.00	
	QUICKSILVER AUDIO	M-135	P/T	1	No	100		135	135			10-150	AB		70	
V4 Mono Amp		P/T	1	No	100		120	120			22-40	AB		51	1900.00	
Mini Mono Amp		P/T	1	No	100	1V	25	25			13-50	AB		20	499.00	
RANE	MA 6S	P	6	Yes	20	775	100	150		0.07	10-55	AB	1	33	1599.00	Bridgible. As above.
	SSA 6	P	6	No	20	775	100	150		0.07	10-55	AB	1	33	1599.00	
RBH SOUND	SAM-150	P	1	No	150	150	250	300		0.05	10-180 Hz	AB	1.5	14	199.00	Subwoofer amp; variable crossover; auto on/off; high- and line-level inputs and outputs. Bypassable variable crossover; auto on/off; high- and line-level inputs.
	SAM-200	P	1	No	250	250	180	200		0.05	10-20	AB	1.5	17	410.00	
RCM AKUSTIC	DT105	P	1	No	†		50	70		0.01		AB		9	149.00	Subwoofer amp; variable crossover. †Preamp level, 47 kilohms, speaker level, 0.2 kilohm. As above. As above. As above.
	DT107	P	1	No	†		80	125		0.01		AB		9	169.00	
	DT109	P	1	No	†		125	150		0.01		AB		10	199.00	
	DT110(RI)	P	1	No	†		125	150		0.01		AB		10	229.00	

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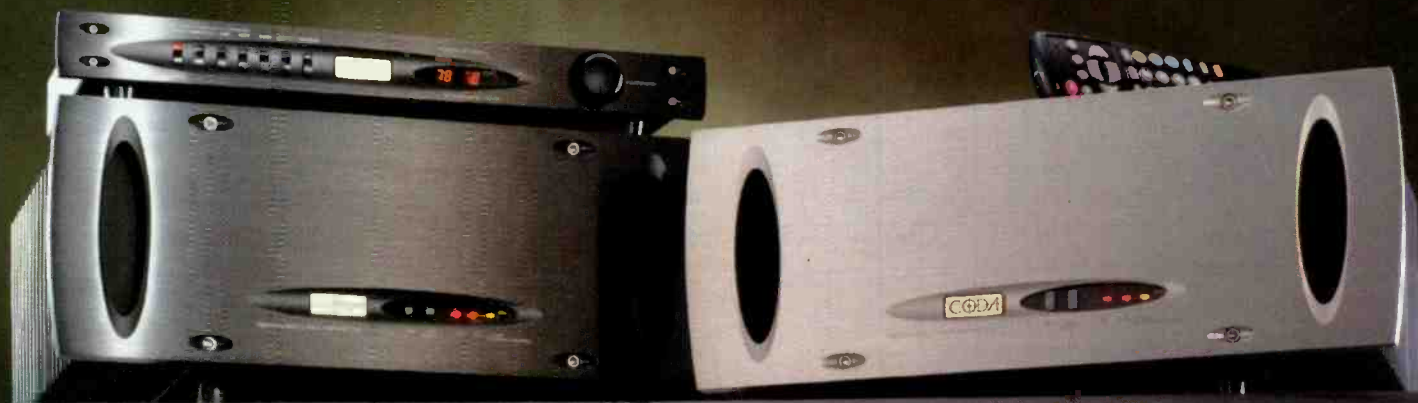
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# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp=I, Power Amp=P, Tube=T, Hybrid=H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP										Price, \$	Notes
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)				
R. E. DESIGNS	LNPA-150	P	1	No	39	1.2V		80	150		0.1	5-80	AB	0	40	2700.00 Pair	Operates into 2 ohms.		
REFERENCE LINE AUDIO	Signature Model One	P	2	No	100	Adj.		100	200		0.1	0-200	A		90	5695.00	Upgradable to models below; optional external power supply (for this and models below), \$2995.00. Upgradable to model below.		
	Silver Signature Model One	P	2	No	100	Adj.		100	200		0.1	0-200	A		90	7895.00			
	Silver Signature Limited Edition Model One	P	2	No	100	Adj.		100	200		0.1	0-200	A		90	9895.00			
REGA RESEARCH	Brio	I	2	No		150	Yes	35	55						12	595.00	Preamp output, amp input. As above.		
	Luna	I	2	No		165	Yes	40	70							695.00			
	Mira	I	2	No		200	Yes	60	100							895.00			
	Elicit	I	2	No				70	70							1425.00			
	EXS	P	2	Yes	70	200		70	110			15-73			18	995.00			
	EXXON	P	1	Yes	70	190		125	225			10-73			18	995.00			
REVOX	Maia	P	2	No				85	130							Each 895.00			
	S25 Elegance (RO)	I	2	No	47	280	Yes	60	60		0.1	20-30	AB1	1.8	15	1195.00	Optional S20AVP dedicated Dolby Digital (AC-3) and DTS surround processor, \$1300.00; optional remote, \$65.00. Multi-room ready. As above.		
REVOX	B25 Emotion(RI)	I	2	No	47	350	Yes	100	150		0.007	20-30	AB1	1.8	25	1995.00	As above.		
	E450 Exception(RI)	I	2	Yes	47	500	Yes	120	200		0.003	3-940	AB1	2	39	4900.00			
ROGUE AUDIO	Eighty-Eight M-120	P/T P/T	2 1	No No	100 100	1V 1V		60 120	60 120		0.1 0.1	20-40 20-40	A/AB A/AB		55 60	1395.00 2500.00 Pair	Switchable to all-triode operation. As above.		
ROKSAN AUDIO	Caspian Integrated Caspian	I P	2 2	No No	47 38	240 700	No	70 70	100 100				AB AB		18 18	1490.00 1000.00			
ROTEL	RA-931	I	2	No	20	150	Yes	35			0.03	20-20	AB		13	300.00	Separate record. Two-zone operation. Auto on; bridged or parallel mono operation; input level control. THX certified; DB-25 input. Auto on.		
	RA-971	I	2	No	24	160	No	60	90		0.03	20-20	AB		14	500.00			
	RA-985BX(RI)	I	2	No	24	150	No	100			0.03	20-20	AB		22	800.00			
	RB-951	P	2	No	32	1V		50		150	0.03	20-20	AB		15	350.00			
	RB-976	P	6	No	27	1V		60		90x3	0.03	20-20	AB		23	499.90			
	RB-971	P	2	No	27	1V		60	90	180	0.03	20-20	AB		15	400.00			
	RB-981	P	2	No	33	1V		130	180	360	0.03	20-20	AB		22	599.90			
	RB-991	P	2	Yes	33	1V		200	300		0.03	20-20	AB		34	999.90			
	RB-993	P	3	Yes	33	1V		200	300		0.03	20-20	AB		40	1499.00			
	RB-985 THX	P	5	No	27	1V		100			0.03	20-20	AB		34	1000.00			
RMB-100	P	1	Yes	24	1V		125	200		0.03	20-20	AB		17	499.00				
JEFF ROWLAND DESIGN GROUP	9Ti	P	1	Yes	Sel.	Sel.		350	700		0.08	20-20	AB		225	32,000 Pair	Four chassis; available with AC or battery power supplies. Optional battery power supply, \$3000.00. As above but \$5200.00 per pair.		
	8Ti	P	2	Yes	Sel.	Sel.		250	500		0.08	20-20	AB		150	13,900			
	6	P	1	Yes	Sel.	Sel.		150	250		0.05	20-20	AB		90	10,800			
	2 Concentra	P	2	Yes	Sel.	Sel.	Opt.	75	125		0.05	20-20	AB		47	5800.00 Pair			
RUSSOUND	AP 48	P	8	No	39			56	62		0.06	20-20			28	925.00	Switchable to mono; stereo input bus (can feed all channels) and four stereo inputs. As above; 12-V trigger output. Multi-source, multi-zone; includes six control keypads, four infrared emitters, and master controller.		
	IA 48 CA 6.4	I I	8 12	No No	39 10		No No	56 20	62		0.06 0.1	20-20 20-20			28	1195.00 1600.00			
SAS AUDIO LABS	SE 3.4	P/T	2	No	100			3.4				20-20	A		21	799.00	Single-ended; optional damping adjustment, \$35.00. Single-ended.		
	SE 4.6	P/T	2	No	100			4.6				20-20	A		21	879.00			
SEQUERRA ASSOCIATES	UA-1	P/T	1	Yes	10	500		100	100		0.2	10-120	A	4	200	75,000 Pair	External power supply.		
SHERWOOD	Newcastle AM-9080	P	5	No	47	1V		120	200		0.05	20-20	AB	1.5	70	1199.95			
SIEMEL	TA 20 HY 20	P I/H	2 2					60								3995.00			
SIERRA AUDIO	Everest	P	4	Yes	†	5V		100	200	400x2	0.01	0-30	A/AB	3	130	9750.00	Two-, three-, or four-channel operation; operates in Class A to 30 watts x 4 (to 64 watts x 2). †Balanced, 2.2 kilohms; unbalanced, 100 kilohms. Operates in Class A to 30 watts/channel (to 64 watts, bridged).		
	Whitney	P	2	Yes	†	5V		100	200	400	0.01	0-30	A/AB	3	80	4900.00			
SIGNATURE TECHNOLOGIES	SRa-8i	I/H	2	No	1M			70	70	140	0.03	30-21	A	1.2	45	2995.00			
	SRa-4	P/H	2	No	1M			70	70	140	0.03	30-21	A	1.2	40	2795.00			
	SRa-9m	P/H	1	No	1M			200	200		0.03	30-21	A	1.2	80	5600.00			
	SRa-8	P/H	2	No	1M			35	35	70	0.03	30-21	A	1.2	30	Each 1695.00			
SM AUDIO	Studio Series	P	2	No	50	800		80	160		0.02	20-20	AB		30	1049.00			
	Signature Series	P	1	Yes	50	1V		100	200		0.02	15-50	AB		42	999.00			
SONIC FRONTIERS	Cinema Series Amp 5	P	5	Yes	22	1.2V		130	260		0.05	20-20	AB	1.2	80	3999.00	Automatic gain-matching of balanced and unbalanced signals.		
	Power-1	P/T	2	Yes	100	940		55	55		1	20-20	AB1		50	2499.00			
	Power-2	P/T	2	Yes	100	1.25V		110	110		1	20-20	AB1		110	4999.00			
Power-3	P/T	1	Yes	100	2.2V		220	220		1	20-20	AB1		100	9999.00				

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CONTINUUM

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included (RO) = Remote Optional	Integrated Amps= Tube = I, Hybrid = H	Power Amp = P	Maximum Number of Channels	Balanced Inputs?	Input Impedance, kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP										Notes
									Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)	Price, \$		
SONOGRAPHE	SA250 SA400	P P	2 2	No No	100 100			125 200			1.0 1.0	20-20 20-20	AB AB		40 44	1195.00 1695.00			
SONOGY	Black Knight	P	2	Yes	100	1.5V		165				20-20	A/AB			3300.00	Fully balanced circuitry; zero feedback. As above.		
	Black Knight (High Current)	P	2	Yes	100	1.5V		175	300	400 500	0.5 0.5	20-20 20-20	A/AB A/AB			3600.00			
	Concept 60 Cantata	P P	2 2	Yes Yes	100 100	1.35V 1.3V		60 100	120 200	240 300	0.5 0.5	20-20 20-20	A/AB AB			4400.00 2495.00			
SONY ES	TA-N220	P	4	No				45		†	0.12	20-20	AB		22		†Bridges to three channels (45 watts x 2 and 100 watts x 1) or two channels (100 watts each). Complementary output stage. As above. Preamp outputs. As above.		
	TA-N55ES	P	2	No	20	180		110		300	0.004	5-50		2.8	27	580.00			
	TA-N90ES	P	2	Yes	50	1.5V		100	140		0.01	10-50		2.8	46	2700.00			
	TA-F70ES TA-F80ES	I I	4 4	No No	20 20	150 150		90 100	120 130		0.004 0.004	20-20 20-20	A A		44 52				
SOUNDOLIER	THP-CXB	P				25		100	100			20-70	AB		25	574.00			
SOUNDSTREAM TECHNOLOGIES	RA100 MkIII (RO)	I	2	Yes			No	40	50	100	0.1	20-20	AB	2	5	595.00	For use with Soundstream Simul-Source multi-zone A/V systems; video input.		
SOUND VALVES	M60i	P/T	1	No	300	1.6V		60	60		0.7	5-75	AB1	1.2	33	2599.00	Switchable to 30-watt triode operation; adjustable bias. Adjustable bias; optional cover; kit, \$1199.00 per pair. Adjustable bias; kit, \$899.00. Optional rack and handles.		
	M40i	P/T	1	No	150	1.2V		40	40		1	10-75	AB1	1.2	17	1799.00			
	VTA70i SV-250	P/T P	2 2	No No	100 47	1.2V 1.55V		35 130	35 130	70	1 0.03	10-50 20-20	AB1 AB	1.2	32 30	1099.00 699.00			
SPECTRAL AUDIO	DMA-360	P	1	Yes	10	150		300	533		0.009	0-2M	AB	3	67				
	Monaural Reference	P	2	Yes	100	200		200	400		0.009	0-2M	AB	3	60				
	DMA-180 Reference Series 2 DMA-150 DMA-90	P P P	2 2 2	Yes No No	10 10 200	200 200		150 100 100	300 200	180	0.009 0.009	0-2M 0-2M	AB AB	3 6	54 19				
SPECTRON	Digital One	P	2	Yes	25			300	500		0.06	20-20	D	1.8	35	2500.00	Switching amp; Pulse-Width Modulation. As above.		
	Crescendo	P	5	Yes	20	230		300	500		0.06	20-20	D	1.8	60	60			
SUNFIRE	Cinema Grand	P	5	Yes	20	230		200	400		0.1	20-20	AB	1.2	47	2375.00	Operates into 1 ohm. As above.		
	Cinema Grand Signature	P	5	Yes	20	230		375	750		0.1	20-20	AB	1.2	65	3495.00			
	Sunfire	P	2	Yes	470	230		300	600		0.1	20-20	AB	1.2	43	2175.00			
	Sunfire Signature	P	2	Yes	470	230		600	1200		0.1	20-20	AB	1.2	45	2995.00			
SUTHERLAND ENGINEERING	CA-800(RO)	I	2	Yes	25		Opt.	100	180		0.1		AB		66	8220.00	Optional phono stage, \$885.00; optional universal remote, \$100.00.		
	A-2000	P	1	No	100	4V		100	200		0.1		AB		40	12,000			
SYMPHONIC LINE	S 200	P	2	Yes	10			150	300		0.005	2-400	A/AB		70	4295.00			
	M 300	P	1	Yes	10			200	400		0.005	1.5-600	A/AB		75	8500.00			
	Kraft 250 Reference Stereo	P	2	Yes	10			280	550		0.005	1-750	A		120	12,500			
	Kraft 250 Mono Reference	P	1	Yes	10			280	550		0.005	1-750	A		100	18,500			
	Kraft 400 Mono Reference	P	1	Yes	10			450	900		0.005	1-1000	A		270	36,000			
TACT AUDIO	Millennium	I	2	No			No	150	250		0.1	20-20	D		62	9800.00			
TANDBERG	TPA 4036	P	2	No	100	100		100	160		0.006	20-20	AB	1.4	22	1499.00			
	TPA 4146	P	2	No	100	100		120	200		0.01	20-20	AB	1.2	24	1299.00			
	TPA 4147	P	3	No	100	100		120	200		0.01	20-20	AB	1.2	26	1599.00			
TAURUS AUDIO	70 MK3	P/T	2	No	100			50	50		1	10-50	AB		33	980.00	EL34 tubes. KT88 tubes. 300B tubes.		
	120S	P/T	2	No	100			70	70		1	10-50	AB		33	1400.00			
	300B	P/T	2	No	100			25	25		1	10-50	AB		33	1800.00			
TEAC	A-BX10	I	2	Yes	20	300		100	150		0.04	20-20	AB		26	2700.00	A/V amp with Dolby Pro Logic decoding; three video inputs.		
	A-H500(RI)	I	2	No	10	180		50	80		0.03	5-20			15	469.00			
	AV-H500(RI)	I	4	No	47	180		50	50		0.05	40-20			15	499.00			
THETA DIGITAL	Dreadnaught	P	†	Yes				200	400				A/AB				†Two-channel (\$3000.00), three-channel (\$3800.00), four-channel (\$4600.00), or five-channel (\$5400.00). Zero feedback.		
THOR AUDIO	TPA-150	P/T	1	No	475			150	150		0.01	10-30	A		120	14,990			
THORENS	TTA 2000	P	2	Yes	30	1V		35	60			10-150	A		17	1480.00			
	TMA 2000	P	1	Yes	15	700		140	190			10-100				1250.00			
THULE AUDIO	IA 60(RI)	I	2	No			No	60								795.00	Fully balanced circuitry.		
	PA 100	P	2	Yes				100								995.00			
	PA 150B	P	2	Yes				150								1750.00			
TRANSCENDENT SOUND	T8-MB	P/T	1	No	100	1.25V		80	50		0.5	20-30	AB		48	6995.00	Output transformerless; direct-coupled output. As above.		
	T8-ST	P/T	2	No	100	1.25V		25	15		0.5	20-30	AB		48	3595.00			
TRIANGLE	TIA-12(RI)	I	2	No	60	150	No	40	70		0.001	20-20	AB		12	1295.00	Operates into 2 ohms. As above.		
	TMA-21	P	1	No				100	180		0.001	20-20	AB		14	1665.00			
TUBE CLASSIC	SL240	I/T	2					40								790.00			
	SL260	I/T	2					60								990.00			

# Sanus Systems

AUDIO • VIDEO FURNISHINGS



Audio



Home Theater

## Euro Furniture

The list of consumer electronics manufacturers and journals that use or recommend Sanus Systems furniture is truly impressive. Why Sanus? Because Sanus furniture makes high performance audio and video equipment look and sound its very best.

Euro Furniture is a modular design. Buy exactly the number of shelves that you need now, then add shelves as you add new components. The open architecture design provides superior acoustic isolation and keeps your system running cool. Columnar sandwich construction provides high rigidity and is a stylish alternative to the utilitarian look of traditional steel racks. Fulfilling esthetic and acoustic needs equally, Euro Furniture highlights rather than hides your equipment.



Video

# AMPLIFIERS

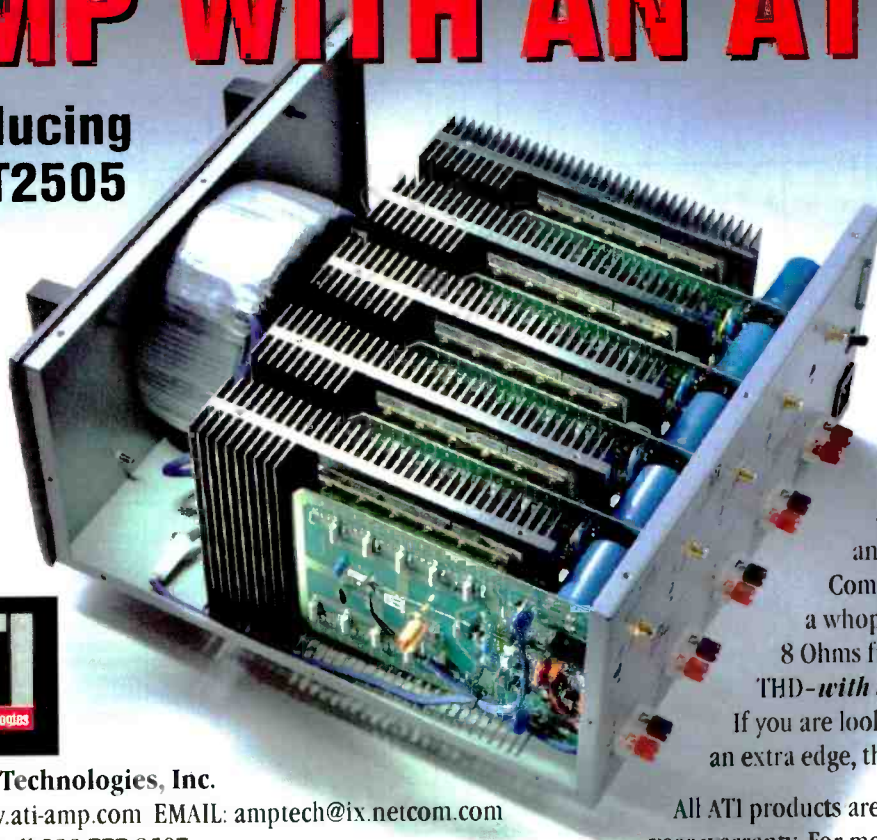
MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Integrated Amp=I, Power Amp=P, Tube=T, Hybrid=H	Maximum Number of Channels	Balanced Inputs?	Input Impedance, kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP							Weight, Pounds (To Nearest Pound)	Price, \$	Notes		
								Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms	Bridged Mode: Avg. Watts/Channel into 8 Ohms	Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB					
TUBE RESEARCH LABS	GTR800	P/T	1		150	1V		800						A/AB		400	22,500	Triode; external power supply.	
	GT400	P/T	1		150	1V		400						Var.		205	Each 13,500	Triode.	
	GT100	P/T	1		150			100	100					A/AB		75	Each 5000.00		
	TR300	P/T	1		150	1V		300						Var.		105	Each 8750.00		
	ST100	P/T	2	No	150	1V		100	100					Var.		105	Each 9000.00	Optional gold panels, \$500.00.	
TUBE TECHNOLOGY	Unisis Signature	P/T	2	No				35		70	1	12-58	AB		37	2900.00		Ultra-Linear output.	
	Benisis	P/T	1	No				100			1	12-58	AB		37	7300.00	Pair	As above.	
	Syrinx	P/T	2	No				45		90	1	12-55	AB		28	1950.00	Pair	As above.	
	Synergy	P/T	2	No				150			1	12-55	AB		28	10,000	Pair	As above.	
	Unisis Integrated	I	2	No	250	300	Opt.	35		70	1	12-58	AB			3500.00	Pair	With optional phono stage, \$3600.00.	
	Syrinx Integrated	I	2	No	250	300	Opt.	45		90	1	12-58	AB			2500.00	Pair		
Synergy Integrated	I	2	No	250	250	No	150			1	12-55	AB				11,000	Pair		
ULTECH AUDIO	UPA-650T	P	5					130						AB				3495.00	
VAC	Renaissance 140 MkIII	P/T	1	No	100	175		130	130	1	1	20-20	A		85	11,290	Each	Parallel 300B output tubes.	
	Renaissance 70/70 MkIII	P/T	2	No	100	175		65	65	1	1	20-20	A		85	11,290	Each	As above.	
	Renaissance 30/30 MkIII	P/T	2	No	100	175		32	32	1	1	20-20	A		75	6490.00	Each	As above.	
	PA 35/35	P/T	2	No	100	125		37	37	1	1	20-20	AB		60	3290.00	Pair	Triode-connected EL34 output tubes.	
	PA 80/80	P/T	2	No	100	125		83	83	1	1	20-20	AB		60	3290.00	Pair	Ultra-Linear operation; KT-88 output tubes.	
	PAM-160	P/T	1	No	100	125		160	160	1	1	20-20	AB		55	6190.00	Pair	Selectable Ultra-Linear or triode operation; parallel KT-88 output tubes.	
PAS-90	P/T	2	No	100	125		90	90	1	1	20-20	AB		75	6890.00	Pair	Ultra-Linear operation; KT-88 output tubes.		
PTT-60	P	3	No	20	300		60	100	0.1	0.1	20-20	AB		45	4990.00	Pair			
PTS-120	P	2	No	20	300		60	100	0.1	0.1	20-20	AB		38	4990.00	Pair			
VIRTUAL IMAGE	StereoBloc Twenty Forty	P/T	2	No	51	1.3V		20	20	40	1			AB		38	3500.00	Pair	Triode output; adjustable negative feedback.
VTL	Tiny Triode Limited Edition	P/T	1	No	135	1.1V		45	45	1	1	10-25	AB1	1.3	15	1500.00	Pair	Switchable to 25-watt triode operation.	
	ST-85	P/T	2	No	135	1.1V		85	85	1	1	10-25	AB1	1.3	43	1750.00	Pair		
	ST-150	P/T	2	No	135	1.1V		150	150	1	1	10-25	AB1	1.3	58	3750.00	Pair	As above but 60 watts.	
	MB-125	P/T	1	No	135	1.1V		125	125	1	1	10-25	AB1	1.3	40	3250.00	Pair	As above but 55 watts.	
	MB-175 Signature	P/T	1	No	135	1.1V		175	175	1	1	10-25	AB1	1.5	50	4990.00	Pair	As above but 75 watts.	
	MB-185 Signature	P/T	1	Yes	135	1.1V		185	185	1	1	10-25	AB1	1.5	50	4990.00	Pair	As above but 90 watts.	
	MB-250 Signature	P/T	1	Yes	135	1.1V		250	250	1	1	10-25	AB1	1.5	75	6490.00	Pair	Triode operation.	
	MB-450 Signature	P/T	1	Yes	135	1.1V		450	450	1	1	10-25	AB1	2.5	85	7490.00	Pair	Switchable to 200-watt triode operation.	
	MB-750 Signature	P/T	1	Yes	135	1.1V		750	750	1	1	10-25	AB1	2.2	140	14,490	Pair	As above but 300 watts.	
	Wotan MB-1250 Signature	P/T	1	Yes	135	1.1V		1250	1250	1	1	10-25	AB1	2.5	250	27,500	Pair	As above but 600 watts.	
WARNER IMAGING	ER-200S	P	2	No	50	1V		200	400			20-20	AB	1.4	45	2995.00	Pair		
	ER-200MSE	P	2	No	50	1V		200	400	0.06		20-30	AB	1.4	60	5595.00	Pair		
	ER-200M	P	1	No	50	1V		200	400	0.06		20-30	AB	1.4	40	4995.00	Pair		
	ER-300MSE	P	1	No	50	1.3V		300	600	0.06		15-30	AB	1.4	50	7995.00	Pair		
	ER-200Si(RI)	I	2	No	50	750	No	200	400	0.06		20-20	AB	1.4	50	5495.00	Pair	Stepped attenuator.	
	ER200DMSEi(RI)	I	2	No	50	750	No	200	400	0.06		20-30	AB	1.4	60	8995.00	Pair	As above.	
ER-300 Signature(RI)	I	1	No	50	750	No	300	600	0.06		10-40	AB	1.4	60	17,995	Pair			
WAVELENGTH AUDIO	Napoleon	P/T	1	No	100	700		10	10			10-40	A	8.5	38	12,500	Pair	Single-ended; 300B tubes.	
	KIR	P/T	1	No	100	800		32	32			5-35	A	5	42	10,000	Pair	Transformer-coupled; single-ended; VV52B tubes.	
	Cardinal XS	P/T	1	No	100	800		10	10			8-35	A	3	38	7500.00	Pair	Single-ended; 300B tubes.	
	Cornet	I/T	2	No	100	250	No	8	8			20-50	A	2	35	3500.00	Pair	As above; parallel feed.	
	Duetto Junior	P/T	2	No	100	800	No	8	8			12-40	A	3	32	4750.00	Pair	Single-ended; 300B tubes.	
WELBORNE LABS	V35	P/T	2	No	150	750		35	35	0.02		10-40	AB		48	1100.00	Pair	Kit.	
Laurel II 300B	P/T	1	No	100	750		8	8	0.025		10-32	A		65	1750.00	Pair	As above.		
Moondog 2A3	P/T	1	No	100	750		3	3	0.02		15-35	A		58	1159.00	Pair	As above.		
SE25	P/T	1	No	100	750		25	25	0.015		10-40	A		72	2450.00	Pair	As above.		
WOLCOTT AUDIO	Presence P220-M	P/T	1	Yes	100	150		170	250	0.01		16-20	AB	1.0	75	8495.00	Pair	Optional gold trim, \$300.00.	

# AMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Integrated Amp. = Power Amp = P, Tube = T, Hybrid = H	Maximum Number of Channels		Input Impedance, Kilohms	High-Level Sensitivity, mV	Phono Input?	POWER AMP		Rated THD, %	Rated Full-Power Bandwidth, Hz to kHz	Class of Output Operation	Dynamic Headroom, dB	Weight, Pounds (To Nearest Pound)	Price, \$	Notes
			Balanced	Unbalanced				Cont. Average Watts/Channel into 8 Ohms	Cont. Average Watts/Channel into 4 Ohms							
WOODSIDE	MA 100	P/T	1	No	100	750		100	125		8-60	A/AB1	1.6	38	5495.00	Peak current, 15 amps.
	MA 50	P/T	1	No	100	750		50	75		8-56	A	1.6	38	4495.00	As above.
	STA 50	P/T	2	No	100	750		50	70		8-60	A/AB1	1.6	38	2995.00	As above.
	ISA 230	I/T	2	No			Opt.	30	40		12-45	A/AB1	1.6	26	2195.00	Without MM phono stage, \$1895.00.
WRIGHT	16-i	I/T	2	No	80	120	No	8	8		30-25	A	1.0	18	750.00	Single-ended.
WYETECH LABS	Topaz 211A	P/T	2	No	200	350		18	18	36	20-25	A	3.0	106	11,000	Single-ended.
YAMAHA	MX-1	P	2	No	20	1.5V		200	260		20-20	A	1.5	53	1199.00	Operates into 2 ohms.
	MX-2	P	2	No	20	1.3V		150	190		20-20	A	1.0	43	899.00	As above.
	AX-592(RI)	I	2	No	47	150	Yes	100		0.015	20-20	AB		24	499.00	Operates into 4 ohms.
	DSP-A3090(RI)	I	7	No	47	150	Yes	80x5, 20x2		0.015, 0.05	20-20	AB		46	1999.00	A/V amp with Dolby Pro Logic decoding, Dolby Digital (AC-3) decoding, and Digital Sound Field Processing; six video inputs.
	DSP-A1(RI)	I	7	No	47	150	Yes	100x5, 35x2		0.015, 0.05	20-20	AB	1.3	51	2599.00	As above; DTS decoding; black finish; with gold finish, \$2799.00.
YBA	Integr� Phono (RO)	I	2	Opt.	47		Yes	50	90					15	1945.00	Optional MC phono, \$400.00; optional dual transformer, \$400.00; optional remote, \$300.00.
	Integr� Line (RO)	I	2	Opt.	47		No	50	90					15	1795.00	Optional dual transformer, \$400.00; optional remote, \$300.00.
	3A	P	2	Opt.	27			45	90	0.06				13	2000.00	Dual-transformer version, \$2400.00; dual-transformer mono version, \$4000.00 per pair.
	2A	P	2	Opt.	27			70	140	0.09				26	3100.00	Dual-transformer version, \$4100.00; high-current version, \$3750.00; high-current mono version, \$6250.00 per pair.
	1A	P	2	Opt.	27			85	170	0.09				46	6000.00	High-current version, \$7000.00; mono version, \$5500.00.
	Signature Stereo Passion 1000	P	2	Yes	27			100	200	0.09				53	11,000	Two-chassis version, \$16,000; four-chassis version, \$27,000.
	Passion 1000	P	1	Yes				250	500	0.09				120	16,000	Pair

## AMP WITH AN ATTITUDE!

Introducing  
the AT2505



At 1.250 watts RMS and 110 pounds, the new AT2505 is not your grandma's amp! The AT2505 is the latest in the series of award winning high-power, high-current amps from Amplifier Technologies. This amplifier, at an unbelievably low \$2,695, has all the features and value you have come to expect from ATI: massive heat sinks (this is the most powerful amplifier for home theater use that doesn't require noisy/dust collecting fans), a custom-built toroidal transformer, double-sided glass-epoxy circuit boards, fuse-fault indicators, and our unique DMC<sup>®</sup> Detachable Modular Component architecture. The AT2505 delivers a whopping FTC 250 watts RMS per channel into 8 Ohms from 20Hz to 20kHz with no more than .03% THD—with all channels driven simultaneously!

If you are looking to build a home theater system with an extra edge, the AT2505 has just the right attitude.

All ATI products are made in the USA and are protected by a 7 year warranty. For more information on the AT2505 or our other power amplifiers, or to order, call us today.



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In Canada call Artech Electronics Ltd. 514-631-6448

CIRCLE NO. 51 ON READER SERVICE CARD

# PREAMPLIFIERS

MANUFACTURER	Model (R1)=Remote Included, (RO)=Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced/Analog Inputs=L, Balanced Analog Outputs=O	Digital Inputs: Number and Type—See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing—See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.			
ABACUS AUDIO	Alpha	T	MM/MC	No												991.00		
ACCU PHASE	DC-300(R1)	S	L	O	2C/2T	4-20 ±0.3	5	0.002		1	2					16,500	Digital signal processing; optional A/D conversion boards (phono input, tape input and output, or balanced or unbalanced line input); optional digital input boards (coaxial, AT&T, or AES/EBU).	
	C-265(R1)	S	MM/MC/L	I/O		3-350 +0,-3	6	0.005	252	2	2		2.2	92	75	6000.00	Without phono, \$5200.00. Fully balanced circuitry; includes headphone amp. †Balanced, 3 Hz to 350 kHz, +0, -3 dB; unbalanced, 20 Hz to 20 kHz, +0, -0.02 dB. For model above.	
	C-290	S	L	I/O		20-20 +0,-0.2	9.5	0.005	252	2	0		2.0	94	80	14,895		
	AD-290	S	MM/MC	L	I/O		†	6	0.005	252	2	0				3495.00		
C-275(R1)	S	L	I/O				6	0.005	252	2	0				8995.00			
	AD-275	S	MM/MC	L	I/O	1-600 +0,-3	7	0.005	252	2	0		1.0	92	79	1995.00	For model above.	
	C-250(R1)	S	L	I/O									2	88	85	3200.00		
	AD-250	S	MM/MC	L	I/O											395.00		
ACOUSTECH ELECTRONICS	PH-1	S	MM/MC			20-20 ±0.3	6	0.01					4.0	80	60	1200.00		
ACURUS	RL 11(R1)	S	L			20-20 +0,-0.1	8	0.05	60	2	0					795.00	Discrete, Class-A circuitry; laser-trimmed volume and balance controls. Discrete, Class-A circuitry. As above; selectable gain and loading.	
	LS 11	S	L			20-20 +0,-0.1	8	0.05	60	2	0					649.00		
	P10	S	MM/MC			20-20 ±0.3	8	0.06					2.4	80		395.00		
ADCOM	GFP-750	S/P	L	I/O		5-85 ±0.5	10	†	†	1	0					1250.00	†Balanced, 0.025% and 183 mV; unbalanced, 0.095% and 365 mV. Tuner/preamp/surround (see also "Tuners" and "Surround Processors"); learning remote; second-zone output. Tuner/preamp/surround (see also "Tuners" and "Surround Processors"); video switching. Tuner/preamp (see also "Tuners"). As above. Five-room, multi-source switcher.	
	GFP-710(R1)	S	MM/L		2C/1T	5-80 ±0.5	8	0.007	200	1	2		2.4			600.00		
	GTP-740(R1)	S	L			20-20 ±0.5	5	0.02	200	1	0	DP/3/O				1750.00		
	GTP-600(R1)	S	L			20-20 +0,-0.5	10	0.009	153	4	2	DP/O				1100.00		
	GTP-450(R1)	S	L			10-50 ±0.5	8	0.009	256	3	2					500.00	As above.	
	GTP-350	S	L			10-40 ±0.5	8	0.009	256	1	2					400.00		
	GF8-800(R1)	S	MM/L			10-50 ±0.5	7.5	0.03	76	2	0		0.88	81		800.00		
ADS	SC6(RO)	S	L			20-20 ±0.5	5	0.01	250		2					2999.00	Six-room, eight-source controller; for use with CP6 LCD control panels. Four-room, eight-source A/V controller; for use with CP4 or CP8 LCD control panels.	
	SC4(R1)	S	L			20-20 ±0.5	5	0.01	250	2						2500.00		
ADVANCED ELECTRO-DYNAMIC SYSTEMS	VAL-1(R1)	T	L			5-100 +0,-1	10	0.1	160							995.00	Includes solid-state headphone amp.	
AESTHETIX	Callisto	T	L	I/O							0					8000.00	External power supply; stepped volume controls.	
	lo	T	MM/MC	I/O												5000.00		
AIR TIGHT	ATC-1	T	MM/L				15	0.02	150	2	0		1.8	85		3695.00	With upgraded volume pot, \$6400.00. Phono stage with one line-level input; buffered and unbuffered outputs.	
	ATC-2	T	L			5-100 ±1	15	0.01	110	1	0					5400.00		
	ATE-2	T	MM/L							2	0					6000.00		
	ATL-10A	P	L													1745.00		
ALCHEMIST	Forseti APD21SS	S	L	I/O		10-56 ±3	6	0.05	†	2	0					2150.00	External power supply. †Balanced, 1.2 V; unbalanced, 585 mV. External power supply; normal and inverted outputs for bridging Alchemist Kraken APD8A amp. External power supply. As above.	
	Kraken APD7A	S	L			3-100	7	0.1	300	1	0					1080.00		
	Forseti APD21A Statement APD35A(R1)	S	L	I/O		3-60	7	0.1	300	2	0					1750.00		
		S	L	I/O		10-95 +0,-3		0.01	140							3500.00		
ALTERNATE AUDIO	RCAP(R1)	S	L			10-40 +0,-1	15	0.1	150	1	0					2500.00	Single-ended; Class A; responds to other makers' remotes. Single-ended; Class A.	
	BCAP	S	L			10-40 +0,-1	15	0.1	150	0	0					1500.00		
AMC	1100	S	L	No		5-110 +0,-3	10	0.003	170	1	2					219.00	Built-in mixer. Optional balanced output module, \$275.00; with balanced input, CVT1030a, \$849.00. Video switching. Preamp/surround with sound-field processing (see also "Surround Processors"); video switching. Preamp/surround (see also "Surround Processors"); video switching. Preamp/surround (see also "Surround Processors"); video switching. Preamp/DAC/surround (see also "Surround Processors"); video switching.	
	CVT1030	T	MM/L	No		4-80 +0,-3	33	0.03	150	1	2		1.15	79		699.00		
	AV81c(R1)	S	L	No		20-20 ±0.5	12	0.01	150	2	2	DP/O				569.00		
	AV81HTc(R1)	S	L	No		20-20 ±0.5	12	0.01	150	2	2	DP/O				849.00		
	AV81HT-THX (R1)	S	L	No		20-20 ±0.5	12	0.01	150	2	2	DP/THX				1349.00		
	AV81HTc-DD (R1)	S	L	No	1C/1T	20-20 ±0.5	12	0.01	150	2	2	DP/3				1399.00		
AMERICAN HYBRID TECHNOLOGY (Continued)	AHT/P	S	MM/MC			1-50 ±0.1	15	.0015					Sel.	98	2700.00	External power supply; DC-coupled; dual mono version, \$3500.00. External power supply.		
	AHT/P Nonsignature	S	MM/MC			1-60 ±0.05	20	.0015					Sel.	98	5750.00			



# PREAMPLIFIERS

DIGITAL INPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other	MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs: Number and Type—See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing—See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other
														MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.			
	AMERICAN HYBRID TECHNOLOGY (Continued)	AHT/H AHT/L Nonsignature	S S	L L			1-1M ±1 1-1M ±0.1	.0015 36	.0015	1 †	0 0					3500.00 8000.00	As above; DC-coupled; optional balanced out. †Optional.		
	ANALOG RESEARCH	Terzetto	S	MM/MC			RIAA, ±0.05	5	0.01					Sel.	85	73	995.00	Optional balanced in and out; optional external power supply.	
	ANTHEM	PRE 2L (RI) PRE 1L PRE 1P	T T T	L L MM/MC			2-130 ±0.5 2-130 +0, -0.5 20-20 ±0.5	30 30	0.1 0.1	2 0	0 0			2	90	72	1299.00 999.00 899.00	Input for external surround processor; includes headphone amp.	
	ARAGON	Aurum 28K (RI) 47K	S S S	L L MM/MC	0		20-20 +0, -0.1 20-20 +0, -0.1 20-20 ±0.3	16 8 8	0.03 0.04	75 65	2 2	0 0		2.4	86		1799.00 1199.00 595.00	Discrete, Class-A circuitry; includes external power supply; direct-coupled. Discrete, Class-A circuitry; selectable gain and loading; includes external power supply; optional high-storage supply. \$250.00.	
	ARCAM	Alpha 9 (RI)	S	L			20-20 ±0.5	8		200	2	2					799.00	Optional MM/MC phono board, \$100.	
	ARONOV AUDIO	LS-9000	T	L			10-100	4.0	0.25	250	1						1900.00		
	ART AUDIO	VPL MkII VPS	T T	L L			20-20 ±0.1 1-80 ±0.02	7 20	0.02 0.05	80 80	0 0						1995.00 3195.00	Optional VP1 phono stage, \$500.00. External tube power supply.	
	ATC	SCA2 (RO)	S	L	I/O		0-500 ±0.1	†	.0002	†	2	0					6075.00	Optional remote, \$475.00; optional phono stage, \$700.00. †Balanced, 15-V maximum output and 275-mV high-level sensitivity; unbalanced, 7.5-V maximum output and 150-mV high-level sensitivity.	
	ATMA-SPHERE MUSIC SYSTEMS	P-5 MP-3 MP-1	T T T	MM/L MM/MC/L MM/MC/L	O I/O I/O		2-150 2-400 2-400	10 20† 30†		200 200	1 2 2	0 0 0		1 0.2 0.05	70 80 85	70	1700.00 3800.00 7600.00	Direct-coupled output; fully differential circuitry; zero feedback; line-level version, \$3200.00. †into 600 ohms. External tube power supply; direct-coupled output; fully differential circuitry; zero feedback; line-level version, \$6800.00.	
	AUDIBLE ILLUSIONS	Modulus 3A Modulus 4P Modulus L2 (RI)	T H T	MM/L MC L			5-100 ±1 5-200 ±1 5-150 ±1	80 40 80	0.1 0.01 0.1	50 50	1 2			100	80 90		2295.00 1925.00 1895.00	Optional MC input. Variable MC loading. Optional digital input.	
	AUDIOACCESS	PX600	S	L			10-84 +0, -1	3.5	0.008		1	2					2650.00	Six-zone preamp/controller; optional wall-mounted keypad; optional PX603 amp/controller for three additional rooms, \$1450.00.	
	AUDIO ADVANCEMENTS	PreMax	T	L			2-100 +0, -3	15	0.01	Var.	1	0					3250.00	With plug-in MM phono stage, \$4250; with plug-in MC phono stage, \$5250.	
	AUDIO ANALOGUE	Bellini	S	MM/MC/L			2-500 +0, -3		0.01	300	2	0		3	70	70	895.00	Direct-coupled.	
	AUDIO BY VAN ALSTINE	Ωmega III SL Ωmega III EC Super PAS 3i SL Super PAS 4i SL FET Valve SL FET Valve EC	S T S H H H	MM/L MM/L MM/L MM/L MM/L MM/L			12-40 ±0.2 12-40 ±0.2 10-40 ±0.2 10-40 ±0.2 10-40 ±0.1 10-40 ±0.1	12 12 10 11 15 15	0.004 0.004 0.004 0.003 0.001 0.001	50 50 50 50 50 50	2 3 2 2 2 3	0 2 0 0 0 2		0.7 0.7 0.6 0.6 0.7 0.7	78 78 74 74 82 82		539.00 739.00 669.00 709.00 1079.00 1279.00	Without phono circuits, \$449.00. Without phono circuits, \$649.00. Kit, \$529.00. Kit, \$569.00. Without phono circuits, \$899.00. Without phono circuits, \$1099.00.	
	AUDIO DESIGN ASSOCIATES	CR-8P (RO) DSP-8 (RO) CPC-8 (RO) Delta-3	L L L S	L L L L			20-20 ±0.25 20-20 ±0.25 20-20 ±0.25 15-100 +3, -6	5 5 5 6	0.05 0.007 0.007 0.03		4	2 3 9					1653.00 1679.00 16.800 2425.00	For multi-room System Omega. Multi-room preamp. 8 x 8 multi-room, multi-source switcher. 8-in, 3-out A/V matrix switching; 12-character display labelling.	
	AUDIO ELECTRONIC SUPPLY	AE-1 AE-2 PH-1	T S T	L MM/L MM			15-300 ±0.5 9-150 RIAA	20 20		50	0 0	0 0		2 6	76		849.00 499.00 499.00	Kit, \$599.00. Kit, \$349.00.	
	AUDIOLAB	8000C MK III 8000PPA 8000Q (RI)	S S S	MM/MC/L MM/MC L			20-20 ±0.5 10-20 ±0.2 10-20 ±0.2	7.8 10 7.7	0.01 0.01 0.007	100 Adj.	3 3	2		2	81 75	77 75	795.00 1295.00 1399.00		
	AUDIO MATIÈRE	Paraphrase	T	L			5-200 ±0.5	5			1	0					5950.00		
	AUDIO NOTE	M-1 Line M-1 Phono M-1 RIAA M-2 Line M-2 Phono M-2 RIAA M-3 Line M-3 Phono M-7 Tube-S M-7 Phono	T T T T T T T T T T	L MM/L MM L MM/L MM L MM/L MM/L MM							1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0					995.00 1295.00 995.00 1995.00 2995.00 1995.00 5995.00 8995.00 29,700 31,600	Selectable feedback. As above. As above. As above. Transformer-coupled balanced output. As above. For Audio Note Ongaku amp.	

# PREAMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs Number and Type — See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing — See Code	PHONO STAGE				Price, \$	Notes
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.	Price, \$		
AUDIOPRISM	Avanti	T	L			3.5-300 +0,-0.3	17	0.15	100	1	0						7995.00	Includes two external power supplies; optional attenuator upgrade, \$2500.00. Includes external power supply; stepped attenuator; zero feedback; optional upgraded power supply, \$1000.00; upgrade to model below, \$2300.00. Includes external power supply; optional upgraded supply, \$1000.00; optional Vishay stepped attenuator, \$2500.00; with deluxe power supply, Mantissa Silver Signature-R, \$5345. Includes external power supply.
	Mantissa	T	L			3.5-300 +0,-0.3	17	0.15	100	1	0						1995.00	
	Mantissa Silver Signature	T	L			3.5-300 +0,-0.3	17	0.15	100	1	0						3995.00	
	Mantissa PH1	T	MM/MC			10-20 ±0.2	5	0.1				7	85	70			3750.00	
AUDIO RESEARCH	PH3	H	MM/MC			0.5-400 ±3	30	0.005				1.0	94	74			1495.00	With upgraded components, PH3 SE, \$2495.00.
	REF 1(RI)	T	L	I/O		1-200 ±0.5	30	0.015		1	0						8495.00	
	LS25(RI)	T	L	I/O		0.2-400 +0,-0.3	40	0.01		2	0						4995.00	
	LS15(RI)	T	L	I/O		1-100 +0,-0.3	30	0.01		2	0						2995.00	
	LS10(RI)	S	L	I/O		0.02-200 +0,-0.3	18	0.01		1	0						5495.00	
	LS9(RI)	L	L	I/O		0.1-60 +0,-0.3	24	0.005									1995.00	
AUDIOSOURCE	Pre One/A	S	L			20-20	11.5	0.008	120	1	2						249.99	Tuner/preamp (see also "Tuners"); video switching.
	PreAmp/Tuner Two(RI)	S	MM/L			10-100 ±5	4.3	0.008	120	1	2	2.5	75				499.95	
AUDIO SYNTHESIS	Passion V	S/P	L	I/O		1-200		0.002		1	0						2395.00	31-step attenuators.
	Passion	S/P	L			1-200		0.002		1	0						1495.00	
	Pro Passion	S/P	L			1-200		0.002		0	0						1295.00	
AUDIRE	Andante	S	MM/MC/L			5-100 +0,-0.2	12	0.005	100	2	4		1.0	90	80		1903.00	Inverts polarity only in MC stage.
	Diffet 3	S	MM/L			5-100 +0,-0.25	15	0.005	100	2	0		1.0	86			1000.00	
	Diffet 5	S	L	I/O		1-750	24	0.005	100	0	0						2500.00	
	Legato	S	MM/L			5-100 +0,-0.25	10	0.01	100	2	0		1.0	75			587.00	
AYRE ACOUSTICS	K-1(RO)	S	L	I/O						1	0						5250.00	Optional remote, \$250.00; optional phono stage, \$1600.00. Remote as above; optional phono stage, \$1000.00.
	K-3(RO)	S	L	I/O						1	0						3250.00	
BALANCED AUDIO TECHNOLOGY	VK-3i(RO)	T	L	I/O		2-300 +0,-0.3	50	0.02		0	0						1995.00	No buffers or followers; zero feedback. As above. Plug-in module for VK-3i. Fully balanced circuitry; zero feedback. As above; switchable step-up transformers.
	VK-5i(RO)	T	L	I/O		2-300 +0,-0.3	40	0.01		0	0						4000.00	
	VK-P3	S	MM/MC									3	85	80			500.00	
	VK-P5	T	MM/MC	O								1.5	73	71			1995.00	
	VK-P10	T	MM/MC	I/O								1.5	87	77			4000.00	
BEL CANTO DESIGN	SEP 1(RI)	T	L	I/O		2-200 +0,-0.5	15	0.05	50	2	0						3500.00	Optional D/A converter module, \$1000.00; optional phono stage, \$750.00. As above. As above.
	SEP 2(RI)	T	L			2-200 +0,-0.5	15	0.05	50	2	0						2250.00	
	Solid 1P(RI)	S	L			2-200 +0,-0.5	10	0.01	50	1	0						1750.00	
	Tosca Fidelity	S	MM/MC	I/O		1-100 +0,-0.5	15	0.01	150	1	0	5	85	75			1590.00	
BENZ-MICRO	PP-1	S	MC														1290.00	Includes external power transformer; 10-Hz rumble filter.
																	1350.00	
BIRDLAND AUDIO	Odéon-m1	S/P	L		†					1	0						3500.00	Passive preamp with DAC (see also "D/A Converters"). †Four (each coaxial or Toslink).
B & K COMPONENTS	Reference 10 (RI)	S	L	No	6C/5T	5-150 ±3	9	0.02	90	2	0	DP/3					1998.00	Two-zone tuner/preamp/upgradable surround (see also "Tuners" and "Surround Processors"). As above.
	Reference 20 (RI)	S	L	No	6C/5T	5-150 ±3	9	0.02	90	2	0	DP/3/DTS					2498.00	
BLUE CIRCLE AUDIO	BC3 Despina	T	L			10-25 +0,-0.2	25	0.035		1	0						3300.00	External power supply; optional wood knobs; upgraded version, BC3 Galatea, \$4650.00 (upgradable to model below). External power supply; optional wood knobs.
	BC3000	T	L			5-25 +0,-0.2	26	0.035		1	0						6250.00	
BOULDER AMPLIFIERS	L3AE/MC	S	MC/L	O		20-20 +0,-0.05	24	0.003	60	1	0						3775.00	Black finish; with metal finish, L5M, \$4595.00. Includes external power supply. Four chassis (left and right audio, digital controller, and power supply).
	L5AE	S	L	I/O		20-20 +0,-0.05	24	0.015	60	2	0						3995.00	
BRYSTON	PRO Phono 2010(RI)	S	MM/MC	O		20-20 +0,-0.05	24	0.015				2.5					4495.00	Remote control of volume, muting, and polarity; line level and MM phono, BP-25P, \$2395.00; line level only, BP-25, \$1995.00.
	BP-5	S	MM/L	O		22-20	†	0.005	500	1	0						1065.00	
	BP-1	S	MM	O													750.00	
	BP-20	S	L	I/O		20-20 ±0.05	†	0.025	500	1	0						1495.00	
	BP-25MC(RI)	S	MM/MC/L	I/O		20-20 ±0.05	†	0.025	500	1	0						2995.00	

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AUDIO ADVENTURE'S MANUFACTURER OF THE YEAR  
CIRCLE NO. 53 ON READER SERVICE CARD

# PREAMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs Number and Type—See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing—See Code	PHONO STAGE				Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other	
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wid.	MC Phono S/N, dB, A-Wid.	Price, \$			
BURMESTER	808MK5(RI) 877MK2XLR(RI) 935MK2(RO)	S S S	MM/MC/L MM/MC/L MM/MC/L	I/O I/O I/O		2-680 +0,-0.5 5-300 +0,-0.5 5-550 +0,-0.5	19 22 19	.0015 .0015 .0015	110 180 160	2 2 1	0 0 0		0.35 1.5 1.6	90 89 89	84 88 81	32,555 15,010 8240.00	Modular; external power supply. Without phono stage, \$12,810. Without phono stage, \$6040.00.		
CAIRN	Nanda(RI) Faurio(RI) Trek(RI) Cervin(RI)	S S S S	L L L L	I/O I/O I/O I/O	3C/1T/1A/ 1B 3C/1T/1A/ 1B	20-100 +0,-0.5 20-100 +0,-0.5 20-100 +0,-0.5 20-100 +0,-0.5	20 20 20 20	0.001 0.001 0.001 0.001	180 180 180 180	1 1 1 1	0 0 0 0					1400.00 5000.00 2300.00 7000.00	Preamp/surround (see also "Surround Processors"). Eight-channel preamp/surround (see also "Surround Processors"); automatic room EQ (mike supplied).		
CANARY AUDIO	CA-801 CA-601 CA-606	T T T	L L L			10-64 ±1 22-31 ±1 10-76 ±3	30 30 18	0.02 0.06 0.08	150 80 130								4600.00 1815.00 1415.00	External power supply.	
CARVER	CT-24(RI) CT-25.1(RI) DD-5.1(RI) LightStar Direct(RI)	S S S P	MM/L MM/L L L	I/O I/O I/O I/O	2C/1T	20-20 ±0.5 20-20 ±0.5 3-20 ±0.5 0-100	10 10 10 10	0.01 0.01 0.05 0.001	150 85 100 100	2 2 1 1	0 0 0 0		1.0 1.0 1.0 1.0	78 74 74 74		499.00 599.00 1299.00 2195.00	Tuner/preamp (see also "Tuners"); Sonic Holography. Tuner/preamp/surround (see also "Tuners" and "Surround Processors"). Preamp/DAC/surround (see also "Surround Processors").		
CARY AUDIO DESIGN	PH-301MM PH-301 SLP-50(RO) SLP-74P(RO) SLP-98P(RO)	T T T T T	MM MM/MC L MM/L MM/L			RIAA RIAA 9-300 9-260 9-300	20 20 20 20 20		100 100 100 100 100	0 0 0 1 1			1.5 1.5 1.5 1.5 1.5	81 78 78 90 90		1195.00 1795.00 1295.00 1795.00 2995.00	Optional remote volume control, \$499.00. As above. As above; optional gold-plated faceplate and knobs, \$599.00; without phono stage, SLP-98L, \$2595.00.		
CELLO LTD.	Audio Suite Encore Line Palette Etude	S S S P	† L L L	† I/O O No		20-20 ±0.25 20-20 ±0.25 20-20 ±0.25	12 12 9	0.005 0.01 0.005	† 2 2 2	0 0 6 0			70			† 10,000 8500.00 2500.00	†Modular design; choice of line, MM, and MC modules; price depends on choices (average price, \$15,000). Preamp/EQ (see also "Equalizers").		
CHIRO	C-800	S	L			14-150 +0,-0.5	11	0.008	2V	2	0						2198.00	Six-channel, two-zone tuner/preamp/surround (see also "Surround").	
CHORD	CPA 1800 CPA 2200(RI) CPA 2800(RI) CPA 3200(RI) CPA 4000(RI)	S S S S S	MM/MC/L MM/MC/L MM/MC/L MM/MC/L MM/MC/L	I/O I/O I/O I/O I/O		2.5-200 +0,-3 2.5-200 +0,-3 2.5-200 +0,-3 2.5-200 +0,-3 2.5-200 +0,-3	† † † † †		2 2 2 2 2								2900.00 3900.00 5250.00 5750.00 10,000	†Balanced, 15.6 V; unbalanced, 7.8 V. †As above. †Balanced, 12 V; unbalanced, 6 V. †As above. †As above.	
CINEPRO PROFESSIONAL	LC-1 DTC-1(RI)	S S	L L	O O	6C/3T/1B	2-200 10-22	25 15	0.009 0.01	120 120	1 1	0 0						795.00 3495.00	Fully differential balanced circuitry; optional balanced XLR outputs, \$125. Preamp/surround (see also "Surround Processors").	
CLASSÉ AUDIO	CP-35(RI) CP-45(RI) CP-50(RI) CP-60(RI)	S S S S	L L L L	I/O I/O I/O I/O		20-20 20-20 20-20 20-20	24 28 42 42	0.05 0.007 0.007 0.007	120 120 120 120	1 1 2 2	0 0 0 0						1095.00 1795.00 2695.00 3695.00	Optional MM/MC phono board, \$200.00. As above. As above but \$500.00. As above.	
CODA TECHNOLOGIES	04R(RI) 02B 03P 01P	S S S S	L L MM/MC MM/MC/L	I/O † † O		0-200 +0,-3 0-200 +0,-3 0-200 +0,-3	10 10 10 10	0.01 0.01 0.01	200 200 200	1 1 1 2	0 0 0 0		10 10	87 85	82 80	2500.00 1950.00 1950.00 2950.00	†Balanced MC in, balanced MM and MC out.		
COFFIN ELECTRIC	2P(RI)	S	L			0-1M +0,-0.1	12	0.001	250	1	0						2400.00	Stepped attenuator; direct-coupled.	
CONRAD-JOHNSON	ART(RI) PFR(RI) EFI Premier Fourteen(RI) Premier Fifteen Premier 16LS (RI) PF2 PV10A PV12A	T S S S T T T S T T	L L MM/MC L L MM/MC L MM/MC/L MM/L MM/MC/L			2-75 +0,-1 2-75 +0,-1	15 10 10 15 10 20 20	0.25 0.01 0.01 0.25 0.01 0.01 0.01	2 2 2 2 2 1 2	0 0 0 0 0 0 0			1.3 1.1			14,995 2795.00 1995.00 4395.00 3995.00 7995.00 1795.00 1495.00 2595.00	Without phono, PF2L, \$1395.00. Without phono, PV10AL, \$1195.00. Without phono, PV12AL, \$1995.00.		
CONTINUUM ELECTRONICS	Window(RI)	S	L	I/O		5-200 +0,-3	10	0.01	500	2	0						1595.00		
CONVERGENT AUDIO TECHNOLOGY	SL1 Sig. 3	T	MM/MC/L	Opt.		0.1-600	50	.0005	25	1	0		0.1	96	76	5950.00	External power supply; stepped attenuator; line-level version, SL1L Sig. 3, \$5350.00.		
CREEK	P52R(RI) OBH-12(RI) OBH-10(RI) OBH-8 OBH-9	S P P S S	L L L MM MC	O		3-35 20-20 ±0.25 20-20 ±0.25		0.01 0.01 0.01	1 1 1	0 0 0							895.00 325.00 225.00 199.00 249.00	Optional phono boards (\$60.00 or \$95.00 for MM, \$95.00 for MC). With upgraded power supply and components, OBH-8SE, \$325.00. 0.5-mV sensitivity; upgraded power supply, OBH-2PS, \$100.00.	

Close your eyes. Can you hear the sunset?



**IA-1z** Audio/Video Integrated Amplifier with built-in Dolby Digital decoder and 5.1-channel design



**CA-1** Audio/Video Control Amplifier with built-in Dolby Digital decoder and 5.1-channel design



**AV-1s** Audio/Video Receiver with Dolby Pro Logic decoder and DVD-ready 5.1-channel inputs

**PA-1** Five Channel Power Amplifier



**DE-1** Dolby AC-3 RF Demodulator for CA-1 and IA-1z (required only with certain laserdisc players)



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**AV-3s** Audio/Video Receiver with Dolby Pro Logic decoder

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# PREAMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Circuitry Tube = T, Hybrid = H, Passive = P	Stages: MM Phono = MM, MC Phono = MC, Line or High Level = L	Balanced Analog Inputs = I, Balanced Analog Outputs = O	Digital Inputs Number and Type — See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing — See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other	
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.				
CYRUS	Pre(RI)	S	MM/L	I/O		1-100 +0,-3	4	0.005	†	1	0		2.75	87		1099.00	†Balanced, 77.5 mV; unbalanced, 200 mV. Optional MC module.		
DANIELS AUDIO	Bluebird	S	L			0-20 +0.002,-0	8	0.01	100	1	0					2350.00	External power supply.		
	Mountain	S	L			0-20 +0.002,-0	8	0.01	100	1	0					4350.00			
	Nightingale	S	MM/MC			20-20 ±0.1	8						91	81		1150.00		Adjustable gain.	
DB SYSTEMS	DB-1B/2A	S	MM/L			20-20 ±0.04	9	.0008	120	1	0		0.9	77		850.00	Includes external power supply. As above; without oak cabinet, \$1280.00.		
	DBR-15B/2A	S	MM/L			20-20 ±0.04	9	.0008	120	1	6		0.9	77		1454.00			
	DB-1B-HL/2A	S	L			10-50 ±0.1	9	.0008	120	1	0					710.00		Includes external power supply.	
	DB-4B	S	MC			10-100 ±0.1	2	.0008								235.00		Requires DB-2A power supply.	
	DB-8	S	MM			20-20 ±0.04	4	0.002								150.00		Wall-mount transformer.	
DB SYSTEMS	DB-8HG	S	MC			20-20 ±0.04	3	0.005					0.9	76	80	175.00	As above; MC phono sensitivity, 1.2 mV.		
															66				
dCS	Elgar(RI)	S	†	O	2C/1T/1A/2B	1-20 ±0.15	6			0	0					12,000	Digital preamp/DAC (see also "D/A Converters"). †Digital inputs only.		
DENNESEN ELECTROSTATICS	JC80MKII	S	MM/MC/L	O		5-20 ±0.01	18	0.005	100	2	0		2	100		6500.00	Mono; external power supply.		
	JS90	S	L	O			18	0.005	100	2	0					Pair 3200.00	External power supply.		
DENON	PRA-S1	S	MM/MC/L	I/O	5	10-100 +0,-3	8	0.005	150	2	0					17,000	Tuner with RDS/preamp/surround (see also "Tuners" and "Surround Processors").		
	AVP-8000(RI)	S	L				8	0.005	150	2	2	DP/3/THX				3500.00			
DPA DIGITAL	DSP 200S	S	L			10-28 ±1	2	0.005	250	1	0					895.00	External battery power supply; digitally controlled attenuators.		
	DSP 200SD	S	MM/MC				2	0.005	250	1	0		2			995.00			
DYNAUDIO	Arbiter(RI)	S	MM/MC/L	I/O		5-100 ±0.1	17	.0003	500	4						96,000			
EAD	TheaterMaster Encore(RI)	S	L		4C/1T/1A	10-22 ±0.4	4	.0005	1V	1	0	DP/3/DTS/O				2995.00	Preamp/DAC/surround (see also "D/A Converters" and "Surround Processors"). As above.		
	TheaterMaster Ovation(RI)	S	L	O	4C/1T/1A	10-22 ±0.4	8	.0005	1V	1	0	DP/3/DTS/O				4495.00			
	TheaterMaster Signature(RI)	S	L	O	4C/1T/1A	10-24 ±0.4	8	.0005	1V	2	0	DP/3/DTS/O				6495.00			
E.A.R.	MC3	P	MC			5-100 ±2	30	0.1					1.2	70	70	995.00	Step-up transformer; no RIAA EQ.		
	834P	T	MM/MC			10-50 +0,-1	30	0.3								†		†Chrome finish, \$1195.00; black finish, \$895.00.	
EDGE ELECTRONICS	834L	T	L			10-100 +0,-1	20	0.3	180	1	0					†	†Chrome, \$1495.00; black, \$995.00.		
	Si-1	S	L			1-100 ±0.1	16	0.005		1	0					2150.00	Optional battery power supply, \$1850.00.		
EDGE ELECTRONICS	T-3	T	L			2-80 ±0.1	20	0.01		1	0					2150.00			
EIDOLON RESEARCH	Salesia	T	MM/L			0.5-150 +0,-1.5	70	0.01	Sel.	2	0		1.45	78		1299.00	Passive and active RIAA.		
Julia	T	MM/MC/L			0.5-200 +0,-1.5	85	0.01	Sel.	2	0		1.45	79	68	4399.00				
ELECTRO-COMPAINET	EC4.6(RI)	S	L	I/O		20-150	10	0.001	500	1						2995.00	Fully balanced differential circuitry; floating grounds. As above.		
	EC4R	S	L	I/O		20-150	10	0.001	500	2						2495.00			
	EC4½(RI)	S	L	I/O		20-150	10	0.001	500							1995.00			
ELECTRONIC VISIONARY SYSTEMS	UA24N	P	L	Opt.		0-2M										225.00	24-position mono stepped attenuators; mount on amp; with balanced in and out, UAB24N, \$425.00 per pair.		
ELITE	C-72(RI)	S	MM/MC/L			1-150 +0,-3		0.002	150		2		2.0	74	76	850.00	Video switching.		
ENCORE ELECTRONICS	DL2010.2b	H	MM/MC/L			0.1-200 +0,-3	22	0.025	125	2	0		4.0	65	65	3495.00	Stepped volume control; without phono stage, \$2950.00.		
ENSEMBLE	Dichrono DAC/PRE (EC)	S	L	O	4C/1B	20-20 ±0.06	8.7	0.001	138	0	0					11,500	Class-A preamp/DAC with HDCD (see also "D/A Converters"). External power supply; active/passive RIAA.		
	Fonovivo	S	MM/MC			10-85 ±3	9.5	0.03					3.1	88	76	2650.00			
ESOTERIC SOUND	RIAA	S	MM			20-20 ±0.5	2	0.01					3.0	65		40.00			
ESSENCE	Emerald	T	L			15-100 +0,-1	20	0.05	50							5985.00			
	Jasper	T	L			15-100 +0,-1	20	0.05	50	2						9850.00			
	Reference	T	L			15-100 +0,-1	20	0.05	50	2						16,500			
EXPOSURE	19	S	L				15			1	0					1450.00			
	17	S	MM or MC/L				15			1	0					1650.00			
	21(RI)	S	L				15			1	0					1995.00			
EXPOSURE	13 Phono	S	MM or MC				15									1350.00			
EXPRESSIVE TECHNOLOGIES	Preamp 1	T	MM/L			20-20 ±0.1	10			2	0		0.5			9500.00	Zero feedback; passive RIAA equalization. Transformer, 28-dB fixed gain.		
	SU-1	T	MC	I/O		0.7-150 +0,-0.1	25									3500.00			
Fi	Y	T	L			15-65 +0,-1	10			0	0					892.00			

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CIRCLE NO. 67 ON READER SERVICE CARD

# PREAMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included (RO)=Remote Optional	Circuitry: Solid State=S Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs: Number and Type—See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing—See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.			
FIRST SOUND	Presence	T	L			5-250	10		1						2695.00	External power supply; with ladder attenuator, Presence Deluxe, \$3695.00; with ladder attenuator and upgraded external power supply, Presence Deluxe 4.0, \$5595.00. External power supply; ladder attenuator with Vishay resistors; with two external power supplies, Ultimate Paramount, \$13,595. Stepped attenuator; with ladder attenuator, Reference II, \$2195.00; with upgraded ladder attenuator (Vishay resistors), Reference Signature, \$4395.00.		
	Paramount	T	L			5-250	10		1					7795.00				
	Reference I	P	L						1	0				1195.00				
FM ACOUSTICS	Resolution Series 155	S	L			2-2M ±1.5		100	1						4980.00	Class A; zero feedback. Class A; fully balanced circuitry. Class A. As above. As above.		
	Resolution Series 255	S	L	I/O		2-2M		100	1					16,980				
	Resolution Series 266	S	L	I/O		1-2M +0,-3	55	0.003	100	1	0			33,000				
	Resolution Series 122	S	MM/MC			1-400	8	0.07						4998.00				
	Resolution Series 222	S	MM/MC	I/O		1-400 ±1	34					10	104	89	18,500			
GOLDEN THEATER	GTX-1(RI)	S	L		5C/2T	5-100 +0,-0.5	9	0.02		3	0	DP/3/DTS			1995.00	Preamp/surround (see also "Surround Processors"); universal remote.		
GOLDEN TUBE AUDIO	SEP-2(RI)	T	L			20-22 +0,-0.5	7	0.01	150	2	0				1098.00	External tube power supply. For models above. Selectable gain; rechargeable battery power supply.		
	SEP-3(RI)	T	L			20-22 +0,-0.5	7	0.01	150	2	0			1598.00				
	PB-2	T	MM/MC									1	75	70	300.00			
	LP-1	S	MM/MC									1	75	70	395.00			
GOLDMUND	SRP	S	L			0-600 ±3	14	0.01	150	1	0				1800.00	RS-232 data port for software upgrades and control; optional A/D conversion.		
	Mimesis 22	S	L	O		0-2.5M ±3	25	0.01	150	3	0				25,000			
GW LABS	TL1	T	L												899.00			
HARMAN KARDON	PT2500	S	MM/L			5-110 +0,-3		0.02	180		2	DP/O			529.00	Tuner/preamp/surround (see also "Surround Processors"); Dolby 3 Stereo decoding. Tuner with RDS/preamp/surround (see also "Surround Processors"); upgradable to DTS.		
	Signature 2.0	S	L		4C/2T	10-50 +0,-0.5	4	0.03		6	2	DP/3/O			2499.00			
HARMONIC PRECISION	HP-1	S	MM/MC/L			4-100 +0,-3	10	0.01	135	1	0		1.5	90	90	895.00		
HOUSTON	TC-2	T	L			10-200 ±1	10	0.02	250						1160.00			
JADIS	DPL2	T	L												3120.00	External power supply; with balanced in and out, JPS2 Bal., \$17,995. Four chassis (two modules, two power supplies). External power supply; with remote, JP80MC MkII R, \$20,190. Four chassis (two modules, two power supplies). External power supply.		
	DPL	T	L												4990.00			
	JPL MkII	T	L	Opt.											6840.00			
	JPS2	T	L												13,995			
	JP200 Bal.	T	L	I/O											29,745			
	JP800(RI)	T	L	I/O											18,690			
	JP80MC MkII (RO)	T	MM/MC/L												28,300			
JP200MC MkII	T	MM/MC/L												13,995				
JPS3	T	MM/MC												4990.00				
DPMC	T	MM/MC												4990.00				
JARRETT-WAUTERS RESEARCH	1.0	T	MM/MC/L	No		20-20 ±0.5	10	0.1	126	2	0		2.0		3695.00			
JOULE ELECTRA	LA-100(RI)	T	L			5-100 +0,-1	15	0.1	300	1	0				3495.00	Mu-follower design. As above; external power supply. As above. Powered from model above or optional external supply. As above.		
	LAP-100(RI)	T	MM/MC/L			5-100 +0,-1	15	0.1	300	1	0		2	80	70			5495.00
	LA-400(RI)	T	L	I/O		5-100 +0,-1	15	0.1	300	1	0				5995.00			
	OPS-1(RO)	T	MM/MC			10-80 +0,-1	15	0.1					2	80	70			
OPS-2(RO)	T	MM/MC			10-80 +0,-1	25	0.1					2	80	70				
JRM	Preamp	S	MM/MC/L			0-100 +0,-1	12	0.001	Sel.	2	Opt.		1.25	88	78	1710.00	Includes 10-watt/channel headphone amp; video inputs; infrasonic filter. †Two three-band pre-EQs, eight-band master EQ. Two MM inputs; cross-fade input select; master and cue buses. Preamp/DAC (see also "D/A Converters"); connections for Remote Unit equalizer; optional RIAA phono stage, \$75.00.	
	PEM	S	MM/L			0-100 +0,-1	12	0.001	Sel.	2	†		1.25	88		3240.00		
	DA-20P	S	L		4C/4B	0-100 +0,-0.1	12	0.001	Sel.		3					2610.00		
KAB ELECTRO-ACOUSTICS	Souvenir VSP	S	MM	No		30-15	3.5	0.07					8	79	329.00	Mono with stereo bypass; includes processing for 78-rpm records (see also "Signal Processors"). As above; impulse noise limiting.		
	Souvenir VSP/iNL	S	MM	No		30-15	3.5	0.07					8	79	429.00			



# PREAMPLIFIERS

DIGITAL INPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other	MANUFACTURER	Model (RI)=Remote Included (RO)=Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs, Number and Type — See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing — See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other	
														MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.				
	KAB ELECTROACOUSTICS (Continued)	Souvenir EOS	S	MM/MC/L			20-20	5	0.07	100	1	4		8	70		699.00	Preamp/EQ (see also "Equalizers"); three LP EQ curves, one 78-rpm EQ curve; adjustable input capacitance; mono blend control.		
	KCE TECHNOLOGY	P3010	S	L			2-100 +0,-0.5	15	0.005	250	1	2					375.00			
	KENWOOD	KC-Z1(RI)	S	MM/L		4C/4T	6-100 +0,-3		0.003	200	1	2	DP/3/THX	2.5	87		2800.00	Tuner/preamp/surround (see also "Tuners" and "Surround Processors").		
	KINERGETICS RESEARCH	Reference R-2.8	S	L	I/O	4C/2T	10-150 +0,-0.5	13	0.008	2V	1	0	DP/3/DTS/THX				6495.00	Six-channel, two-zone tuner/preamp/surround (see also "Surround Processors"); available as preamp for future upgrading.		
	KLIMO	Argo	T	MC			10-450 +0,-3	10	0.2							75	2200.00	External power supply; adjustable MC input impedance.		
		Merlin(RO)	T	MM/L			3-450 +0,-3	25	0.07		1	0		1.0	76		5250.00	Optional remote, \$750.00; without phono stage, Merlin LS, \$3900.00.		
		Viv	T	MM/MC			3-450 +0,-3		0.18					1.0	76	75	6600.00	External power supply; variable input impedance.		
	KLYNE AUDIO ARTS	System Six 6LE3.5	S	L			1-200 +0,-0.2	10	0.005	100	2	0					2350.00	See models below. With internal MM/MC stage, 6LE3.5/P, \$2950.00.		
		6PE3.5	S	MM/MC				10	0.01					7.1	85	70	2450.00	See models below.		
		System Seven 7LX3.5	S	L	I/O		1-200 +0,-0.2	10	0.005	100	1	0					3750.00	External power supply; with balanced in and out, 7LX3.5/B, \$4550.00.		
		7PX3.5	S	MM/MC				10	0.01					7.1	85	72	3950.00	External power supply; with balanced output, 7PX3.5/B, \$4550.00.		
	KORA ELECTRONIC CONCEPT	Triode	T	MM/L			20-200 ±0.3	20			1	0					1995.00	Headphone output; separate source selectors for listening and recording.		
		Equinox	T	MM/L			20-200 +0,-0.1	10			1	0					3195.00	Single-ended, Class-A headphone output.		
		Eclipse(RI)	T	MM/MC/L	O		10-200 ±0.02	10			2	0					5195.00	As above; buffered and unbuffered outputs; includes two remotes.		
	KRELL	KRC-HR(RI)	S	L	I/O		0.2-400 +0,-3		0.002		1						6900.00	Includes external power supply.		
		KRC-3(RI)	S	L	I/O		0.3-300 +0,-3		0.005		1						3200.00			
		KAV-250p(RI)	S	L	I/O		0.5-132 +0,-3		0.007		1						2000.00			
		Reference Phono	S	MC													2200.00			
		Standard Phono	S	MM/MC													1600.00		As above.	
		Audio+Video Standard(RI)	S	L	I/O	2C/2T/1B						1		DP/3/DTS			12,800.00		Preamp/surround (see also "Surround Processors").	
	KRELL	KPS-25s(RI)	S	L	I/O	2C/2T/1B	0.1-1M +0,-3		0.005		1						20,000.00	Preamp/CD (see also "CD Players").		
		L1(RI)	H	L	O		3-100 +0,-0.3	70	0.05	135	2	0					6990.00	Remote on/off switch for Lamm power amps.		
	LEGACY AUDIO	High Current(RI)	S	L	I/O		1-100 ±0.1	12	0.001	175	2	0					1595.00	Optical volume and balance controls.		
	LEGEND AUDIO DESIGN	LAD-L2	T	L													4495.00			
		LAD-L1	T	L													2995.00			
		Legend Passive	P	L													1295.00			
	LEHMANN AUDIO	DAC+	S	L		2C/1T/1B	20-20 ±0.3	9	.0005		0	1					1995.00	Preamp/DAC (see also "D/A Converters").		
		Black Cube	S	MM/MC			10-100	2	.0005					0.18	71	71	695.00	External power supply; selectable impedance.		
	MARK LEVINSON	No. 25S	S	MM or MC	No												2995.00	Requires PLS-226 power supply.		
		No. 32	S	L	I/O													Two chassis (control functions/display power supply in one, preamp connections in the other); optional phono stage.		
		No. 380(RI)	S	L	I/O		20-20 +0,-0.01	16	0.01		2	0					3995.00	Communicates with Mark Levinson 30 Series components.		
	LEXICON	No. 380S(RI)	S	L	I/O		20-20 +0,-0.01	16	0.01		2	0					6495.00	As above.		
		DC-1/Base(RI)	S	L		2C/2T	10-20 ±0.5	6	0.01	200	1		DP				1995.00	Preamp/DAC/surround (see also "D/A Converters" and "Surround Processors").		
		DC-1/THX(RI)	S	L		2C/2T	10-20 ±0.5	6	0.01	200	1	3	DP/THX/O				2995.00	As above; Logic 7 decoding.		
	LEXICON	DC-1/AC-3(RI)	S	L		2C/2T	10-20 ±0.5	6	0.01	200	1	4	DP/3/THX/O				4500.00	As above.		
		DC-1/DTS(RI)	S	L		2C/2T	10-20 ±0.5	6	0.01	200	1	4	DP/3/DTS/THX/O				4995.00	As above.		
		AV5103(RI)	S	L		4C/1T						0	DP/3/O				8495.00	Preamp/surround (see also "Surround Processors"); Limik surround sound.		
	LINN	Kairn(RI)	S	MM/MC/L							2	0					2995.00	Line-level version, Wakonda-L, \$1495.00.		
		Kairn-Pro(RI)	S	L							2	0					2395.00			
		Wakonda-P(RI)	S	MM/L							1	0					1645.00			
	LIRPA LABS	Lirpa 1Mk K3 (RI)	†	LMNOP	OY	††	18-34 +13,-0.5	0.6	00.1	Yes	3.5	7.8	C/3P/O	12.4	45	29	1000.99	Externalized power supply; with kitchen sink, \$1400.99; without it, \$1600.99.		
	LORY ELECTRONICS	SP83	S	L			2-60 +0,-0.5	13	.0004	150	2	2					385.00	Controllable via RS-232 data port.		
	LUXMAN	C-10	S	L	I/O		20-20 +0,-0.1	7.5	0.005	150	2	2					18,000.00	Video switching.		
		C-7	S	L	I/O		20-20 +0,-0.1	7.5	0.005	150	2	2					5500.00			
		C-383(RI)	S	MM/MC/L			10-100 +0.2,-0.8	9	0.003	150	4	2					995.00			
		CL-38	T	L	No		20-100 ±1	10	0.12	170	1	1					8000.00			
		C-08	S	L	No		8-100 ±0.5	10	0.05	150	2	1					10,000.00			
		E-03	S	MM/MC	I/O		20-100							4	103	83	2000.00			

# PREAMPLIFIERS

## DIGITAL INPUTS

- C—Coaxial (RCA or BNC)
- T—Toslink (Plastic Fiber-Optic)
- A—AT&T Style (Glass Fiber-Optic)
- B—Balanced (AES/EBU)
- O—Other

## MANUFACTURER

Model (RI)=Remote Included, (RO)=Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs Number and Type—See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & P Processor Loops	Number of Tone Controls	Surround Processing—See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other	
												MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.				
MANLEY LABS	Manley Reference Line	T	L	I/O	10-100 ±0.2	30	0.001	100	0	0					5000.00	External power supply; variable feedback.		
	Manley Reference Phono	T	MM/MC/L	I/O	10-100 ±0.5	30	0.001	100	0	0	1	65	60	7000.00	As above; balanced MC input.			
	Mastering Room Phono	T	MM/MC/L	I/O	10-100 ±0.5	30	0.001	100	0	0	1	60	60	4800.00	Variable feedback; balanced MC input.			
	Control Master Line	T	L	I/O	20-100 ±0.5	30	0.001	100	0	0				3600.00	Variable feedback; stepped attenuator.			
	C-DAC 20(RI)	T	L	I/O	10-100 ±3	30	0.002	100	1	0						Preamp/DAC with HDCD (see also "D/A Converters"). Variable feedback. As above; stepped volume control; buffered tape output.		
	Purist Preamp	T	L	O	20-100 ±0.5	25	0.001	100	0	0				1650.00				
	Lab Series Line	T	L		10-50 ±0.5	25	0.001	100	0	0				1150.00				
	Lab Series Phono	T	MM		RIAA	30	0.001					1.5	65		950.00			
Manley Bal-Coil	T	MM/MC	I	RIAA	50	0.001					1.15	70	65	2250.00	External power supply; balanced MC input; MC gain controls; optional balanced output.			
RIAA Phono	T	MM/MC	I	RIAA	50	0.001												
MARANTZ	AV-550(RI)	S	L		1C/1T	20-20 ±0.01	7	0.01	150	1	2	DP/3			1000.00	Tuner/preamp/surround (see also "Surround Processors").		
MARCHAND ELECTRONICS	PR41	P	L			0-100	50								995.00	46-position stepped attenuator.		
MATISSE	Reference	T	MM/MC/L			12-100 +0.04,-0.14	20	0.03	150	1	0		2	75	75	8800.00	External power supply; stepped attenuator; MC phono sensitivity, 0.2 mV. Stepped attenuator.	
	Fantasy Line Stage	T	L			12-100 +0.04,-0.14	20	0.016	150	1	0					5400.00		
	Atom	T	L													2995.00		
McCORMACK AUDIO	Active Line Drive ALD-1	S/P	MM/MC/L	O		5-100 +0,-1	10	0.01	225	2	0		1.1	80	75	1995.00	Optional phono stage and external power supply; one passive and seven active inputs; with upgraded components and connectors, Deluxe ALD-1, \$2395.00. Buffered; optional external power supply, with upgraded components and connectors, Deluxe TLC-1, \$1395.00. Includes headphone amp (10-watt music power); two headphone jacks; speaker binding posts. Active and passive outputs. Adjustable phono loading and gain.	
	Line Drive TLC-1(RO)	S/P	L			0-200		0.001		2	0					1095.00		
	Micro Integrated Drive	S	L			0-250	9	0.01		0	0					795.00		
	Micro Line Drive Micro Phono Drive	S/P S	L MM/MC			10-200 ±0.1 10-200 ±0.15	6 6	0.008 0.01	500	1	0	1.1	75	70	795.00 595.00			
McINTOSH	C40	S	MM/L	I/O		20-20 +0,-0.5	8	0.002	250		5		0.5	90		3500.00	Built-in compander and 20-watt/channel monitor amp. Four-zone, multi-room A/V controller. Two chassis (controller and power supply in one, audio stages in the other).	
	CR12	S	L	O		20-20 +0,-0.5	8	0.01	250		2					3300.00		
	C100(RI)	S	MM/MC/L	I/O		10-40	12	0.002	450		2		0.88	86		6500.00		
MELOS TECHNOLOGIES	SHA-1	T	L			4-200 ±0.1	40	0.1	5	0	0					1195.00	Optoelectronic, shunt volume control.	
	SHA-2	T	L	O		4-200 ±0.1	40	0.1	5	1	0					1595.00		
	SHA-Gold Reference(RI)	T	L	O		4-200 ±0.1	40	0.1	5	1	0					2295.00		
	V-SHA	T	MM/MC/L	O		10-100 ±0.1	40	0.1	10	1	0	0.1	80	80	1595.00			
	PS1-Gold	T	MM/MC	O		10-100 +0.5	40	0.1				0.1	80	80	1595.00			
	MA-333L(RI)	T	L	O		5-300 ±0.1	40	0.1	5	2	0					3795.00		
	MA-333LB(RI)	T	L	I/O		5-300 ±0.5	80	0.1	3	1	0					4595.00		
MA-333PH	T	MM/MC	I/O		5-300 ±0.5		0.1				0.1	80	80	2995.00				
MERIDIAN	565 7.1(RO)	S	L		1C/1T	10-50 ±0.003	12		Var.	0	2	DP/3/DTS/THX/O				4995.00	Preamp/surround (see also "Surround Processors"); decodes MPEG-2 and Meridian Lossless Packing compression systems; optional remote, \$99.00. Multi-zone preamp/surround (see also "Surround Processors"); decoding as above. As above; modular. †\$9995.00 to \$16,000, depending on options (base unit: five coaxial and two Toslink digital inputs; no outputs; optional analog inputs; balanced line, unbalanced line, MM phono, or MC phono; optional analog outputs: four- or eight-channel balanced or unbalanced line and two-channel tape and headphone; optional additional digital inputs: two coaxial and two Toslink or two AT&T and two AES/EBU; eight optional coaxial digital outputs; four or eight optional video inputs; two optional video outputs; optional on-screen display).	
	561(RI)	S	L		5C/1T	10-50 ±0.003	12			2	2	DP/3/DTS/THX/O				4995.00		
	861(RI)	S	L	†	†	10-50 ±0.003	12			†	2	DP/3/DTS/THX/O				†		

(Continued)

# PREAMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs, Number and Type—See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing—See Code	PHONO STAGE			Notes	
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wid.	MC Phono S/N, dB, A-Wid.		Price, \$
MERIDIAN (Continued)	562V(RO)	S	MM or MC/ L	No	5C/2T		2.5	0.003	500	2	0		Sel.	70	60	2445.00	Preamp/DAC; video switching; without MM or MC phono, \$2195.00; without phono, D/A conversion, and video inputs, \$1395.00; optional remote, \$99.00. Without MM or MC phono, \$1195.00; remote as above. Without MM or MC phono, \$2195.00; remote as above.
	501.2(RO)	S	MM or MC/ L	No			3	0.003	800	1	0		Adj.	70	60	1445.00	
	502(RO)	S	MM or MC/ L	I/O			3	0.003	840	1	0		Adj.	70	60	2445.00	
MISTRAL	Linestage Phono Stage	S S	L MM/MC			7-56				1	0					995.00 695.00	
MONARCHY AUDIO	10A 9A 33	S T S	L L L		1C/1T/1B	20-100 +0.0-0.1 20-20 +0.0-0.5 20-100 +0.0-0.1	18 20 18	0.001 0.05 0.001	150 150 150	1 1 0	0 0 0					1179.00 1179.00 1439.00	Mii-spec 6DJ8 tubes. Preamp/20-bit DAC.
BRUCE MOORE AUDIO DESIGN	Companion II  Companion III Deluxe Dual Mono Nomad	T  T T T	L  L L MM			3-180  1-500 1-1M 2-200	20 30 30 30	0.05 0.025 0.025 0.025	200 160 160	1 1 1 0	0 0 0 0			4.0	82	1550.00 2400.00 5500.00 2000.00	Optional MC step-up transformer (78-dB S/N), \$400.00.
MORRISON AUDIO	ELAD EGAD	S S	L MM/MC			0.16-200 +0.3 0.16-200 +0.3	10 10	0.001 0.001	Var.				Var.	80	80	1000.00 1500.00	External power supply. As above.
MUSEATEX AUDIO	AVC-1(RI)	S	L	I/O		1-100 +0.0-0.25	3	0.25	88	†	0					1999.00	†Two audio and two A/V tape loops.
MUSE ELECTRONICS	Three(RI)	S	L	I/O		2-200	5	0.02	50	1	0					1950.00	
MUSICAL CONCEPTS	MC-3  MC-3 Signature	S  S	MM/L  MM/L			0.5-150 ±3  0.5-150 ±3	30 30	0.01 0.01	175 175	0 0			Var.	75 75		239.00 509.00	Kit; user-installed MM phono stage and upgraded line stage. Factory-installed MM phono stage and deluxe line stage; optional deluxe MM phono stage, \$200.00.
MUSICAL DESIGN	SP-3 SP-2B	S T	MM/L L			0.1-110 ±0.1 0.1-160	30 20	0.02 0.01	170 100	1 1	0 0		0.8	80		1690.00 995.00	Without phono card, \$1295.00. Direct input bypasses switching; single-stage circuitry.
MUSICAL FIDELITY	E-20(RI) X-Pre X-LP	S T S	MM/MC/L L MM/MC	O O O		20-20 ±1 20-20 ±0.3 20-20 ±0.5		0.01 0.007 0.01	250 250	2 0	0 0		3 3	80 81	70	575.00 395.00 295.00	External power supply. As above.
MUSIC REFERENCE	RM-4C RM-4+ RM-5 MKIV	T T T	MC MM MM/L	No No		10-100 2-200 +0.1 1-100	20 40	0.01 0.01 0.15			1		0.25	87	90	750.00 950.00 1995.00	Adjustable gain and impedance.
MYRYAD SYSTEMS	MP-100(RI)		L	O		20-20 ±0.2	20	0.005	200	2	0					999.00	Optional phono stage (MM board, \$99.00; MC board, \$129.00).
NAD	S100(RI)  911  PP-1 118(RI)  116(RI) 114 917(RI)	S  S S S S S	MM/MC/L  L  MM L MM/MC/L MM/MC/L L	O  I/O  No	4C	20-20 ±0.1  20-20 +0.0-0.05  20-20 ±0.5 20-20 ±0.25  20-20 ±0.2 20-20 ±0.2 20-20 ±0.5	10  10  12 12 6	0.002  0.005  0.04 0.005  0.01 0.02 0.03	80  150  80 80 150	2  2  2 2 2	0  4  2 2 2		1.5  2.5  1.5	76  72  76 78 76	76	1499.00 399.00 129.00 1599.00 799.00 399.00 699.00	Class A; system control bus; without plug-in phono module, \$1199.00. Six-channel distribution preamp; mike input insertable in any channel; fixed and variable outputs for each channel. External power supply; infrasonic filter. Digital preamp with D/A and A/D conversion (see also "D/A Converters"). Turner/preamp/surround (see also "Tuners" and "Surround Processors").
NAGRA	PL-P	T	MM/MC/L			22-60 +0.1	10	0.1	150	1	0		0.25	80	74	9500.00	Powered by rechargeable D cells; includes AC power supply; level-monitoring meter.
NAIM AUDIO	NAC 92R(RI)  NAC 72  NAC 102(RI) NAC 82(RI) NAC 52(RI)	S  S S S S	L  L L L MM or MC/ L			20-20 ±0.5  20-20 ±0.5  20-20 ±0.5 20-20 ±0.5 20-20 ±0.5	7  7 7 7 7		75  75 75 75	2  2 3 3 3	0  0 0 0 0					1350.00 1550.00 2250.00 4600.00 7150.00	Requires external power supply; optional MM or MC phono boards, \$175.00 per pair; without remote, NAC 92, \$1000.00. Power supply and phono options as above. As above. As above. Requires Naim Supercap power supply, \$4400.00.
NAKAMICHI	CA-1(RI)	S	L		3C/2T	10-50 +0.3	8	0.01	250	3	0	DP/3				2300.00	Preamp/surround.
NELSON-REED	NRA-3	S	MM/MC/L			1-400 +0.3	7	0.005	150	1	0		2.0	85	75	1295.00	Without MC phono, NRA-2, \$1095.00; line-level only, NRA-1, \$795.00; optional NRA-W crossover module, \$295.00.
ODYSSEY DESIGN GROUP	Tempest	S	MM/MC/L			2-200 ±3	10	0.005		2	0					1195.00	



# PREAMPLIFIERS

MANUFACTURER	DIGITAL INPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other	Model (RI) = Remote Included, (RO) = Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs, Number and Type — See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & P Processor Loops	Number of Tone Controls	Surround Processing — See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other	
														MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.				
ONIX		OA 35	S	L			11-35 ±1	1	0.001	240	2	0		2.0	80		1495.00	Line-level and MC phono version at same price; without phono, OA 36L, \$2195.00; optional universal remote, \$180.00.		
		OA 36M(RO)	S	MM/L			11-35 ±1	1	0.001	240	2	0					2395.00			
ONKYO		P-301(RI)	S	MM/L	No		15-30 ±1	5	0.009		3	2		2.5	83		289.95	Multi-room capability if used with M-501 amp.		
		Integra P-304	S	MM/MC/L	No		0.8-170 ±3	6	0.005		2	1		2.5	92	81	559.95			
PAPWORTH AUDIO TECHNOLOGY		PPA6	T	L	No		6-40 ±0.1	10	0.05		2	0					2980.00			
PARADOX		Peruser	S	L			10-60 ±0.1	30	0.01								4000.00			
PARASOUND		P/PH-100	S	MM		None	10-50 ±1	10	0.009	150	1	2		2	72		120.00	Half-rack width. Includes headphone amp. Preamp/surround (see also "Surround Processors"); upgradable to Dolby Digital (AC-3) with P/DD-1500 decoder.		
		P/HP-850	S	MM/L			10-100 +0,-2	10	0.005	300	2	0		DP/THX	2.5	65				395.00
		P/SP-1500(RI)	S	L			10-100 +0,-1	10	0.005								995.00			
THE PARTS CONNECTION		Assemblage L-1	H	L			10-120 +0,-0.37	40	0.02		1	0					799.00	Kit version, \$599.00; optional upgrade kit, \$299.00.		
PASS LABORATORIES		X2	S	L	I/O		5-100 +0,-3	40	0.01		1						2500.00	Single-ended. As above; fully balanced circuitry. Single-ended.		
		Aleph P(RI)	S	L	I/O		5-100 +0,-3	15	0.1		1	0					4000.00			
		Aleph ONO	S	MM/MC			20-20										2500.00			
PATHOS		InControl(RI)	H	L	0		20-20 ±0.1		0.1		2	0					5990.00	External power supply.		
PENTAGON		C-70	S	L			3-106		0.003		2						3000.00	Selectable gain and loading.		
		PS-3	S	MM/MC													1900.00			
PERREAUX		SM6(RI)	S	L	I/O		20-20 ±0.15	1.5	0.003	200	2	0					From 2995.00	Preamp/surround (see also "Surround Processors"). As above.		
		SM1(RI)	S	L	0	2C/1T	20-20 ±0.15	1.5	0.003	200	2	0					From 2495.00			
		AVP1(RI)	S	L			20-20 ±3	1.5	0.02	250	2	0		DP/3			1995.00			
		EDSP(RI)	S	L										DP/3			995.00			
		EP4	S	L																
POLYFUSION AUDIO		940	S	MM/MC/L	0		5-100 ±0.1	16	0.006	250	2	0		Var.	72	66	4000.00	Includes external DC power supply; without phono stage, \$3250.00; optional DAC with two digital inputs (one coaxial, one AT&T), \$1250.00; optional DAC with HDCD, \$1750.00. Power supply as above; without phono stage, \$3650.00; DAC options as above.		
		945(RI)	S	MM/MC/L	0		5-100 ±0.1	16	0.006	250	2	0		Var.	72	66	4400.00			
POWER MODULES		Belles 15A	S	L			1-700 +0,-3	8.9	0.05	200	2	0					1195.00			
PROCEED		AVP(RI)	S	L	I/O	5C/1T/1B	20-20 +0,-0.2	10	0.05		1						4995.00	Preamp/surround (see also "Surround Processors"); multi-zone control; ISF certified; remote turn-on of Proceed amps; compatible with PHAST communication systems. Preamp/surround (see also "Surround Processors"); multi-zone control; ISF certified; upgradable to accept Proceed PSDS (Dolby Digital and DTS decoder). Remote turn-on of Proceed amps.		
		PAV(RI)	S	L	I/O	None	20-20 +0,-0.2		0.01		4	0		DP/THX			4195.00			
		PRE(RI)	S	L	I/O	None	20-20		0.03			2	0							1995.00
PROTON		AP-2000(RI)	S	MC/L			20-20 ±0.5	10	0.02	150	2	2				55	300.00	Selectable subwoofer crossover; bass EQ.		
PSE		HL-1(RI)	H	L	I/O		5-100 +0,-0.1	24	0.01	250	2	1					2395.00	Optional digital inputs (one coaxial, one AT&T); optional MM/MC phono stage. Without phono stage, Studio SL Line, \$850.00.		
		Studio SL Phono	S	MM/MC/L	0		5-100 +0,-0.1	12	0.005	250	1	0		10	80	78	950.00			
PUREST SOUND SYSTEMS		500	P	L			0-150		0.002		1	0					325.00	Selectable output (buffered or passive).		
		1000	P	L			0-150		0.002		2	0					495.00			
		Dual Mono Mk3 500	P	L			0-150		0.002		1	0					385.00			
		Silver Editions 1000	P	L			0-150		0.002		2	0					565.00			
		Silver Editions 1000	S/P	L			10-100		0.006			2	0							685.00
		Line Buffer Loesch Line	T	L			5-50		0.06			1	0							1385.00
PURIST AUDIO DESIGN		Cadenza(RI)	H	L	I/O		20-100 ±0.5	25	0.001	10	1					6000.00				
QUICKLINE AUDIO		PA-4	S	MM/MC			10-20 ±0.2	11.5	0.01					3.1	90	75	1595.00	External power supply.		

# PREAMPLIFIERS

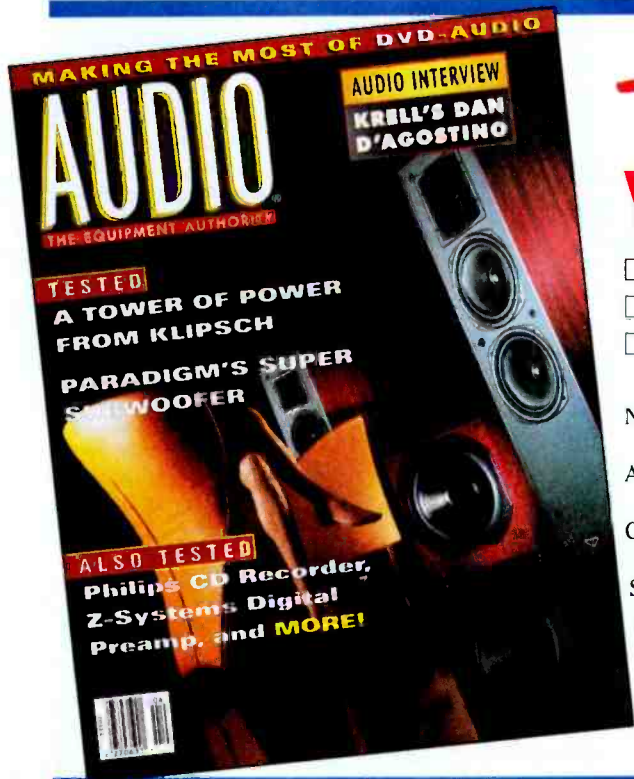
DIGITAL INPUTS C—Coaxial (RCA or BNC) T—Toslink (Plastic Fiber-Optic) A—AT&T Style (Glass Fiber-Optic) B—Balanced (AES/EBU) O—Other	MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs: Number and Type — See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing — See Code	PHONO STAGE			Price, \$	Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other
														MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.			
	QUICKSILVER AUDIO	LS Preamp Phono Preamp Moving Coil Transformer	T T	L MM MC			0.1-200 +0,-3 20-20 ±0.25	65 50 2.8	50	1	0		3			995.00 895.00 375.00	Transformer; 23-dB fixed gain; for cartridges with output impedance from 0.5 to 40 ohms.		
	R. E. DESIGNS	LNLSA-1	S	L			10-200	7	0.005	1	0					1200.00	Two buffered and five unbuffered inputs.		
	REFERENCE LINE AUDIO	Preeminence One(e) Preeminence One Preeminence Two Signature Buffer LS Silver Signature Buffer LS	P P P S S	L L L L L			0-100M 0-100M 0-100M 0-250 0-250									995.00 1295.00 1995.00 2495.00 4995.00	Upgradable to model below. Upgradable to model below. Upgradable to model below.		
	REFLECTION AUDIO	OM1	S	MM/MC/L	I/O		0-2M +0,-3	0.014	Adj.	1	0		Adj.			6950.00	Includes battery power supply; without battery supply, phono stage, and balanced in/out, \$3950.00 (options individually: \$1450.00 for battery supply, \$800.00 for phono, and \$800.00 for balanced in/out).		
	REGA RESEARCH	Cursa(RI) Hal(RI) Eos	S S S	L MM/MC/L MM/MC			12-120 10-100		0.008	208	2	0		2.8 2.6		895.00 1575.00 695.00	Optional MM or MC phono board, \$95.00.		
	ROGUE AUDIO	sixty-six ninety-nine(RO)	T T	MM/MC/L L			10-250 +0,-1 5-250 +0,-1	50 50	0.1 0.1	1 1	0 0					1195.00 1595.00			
	ROKSAN AUDIO	ROK L2.5 ROK L1.5 ArtaXerxes 10	S S S	L L MM/MC			20-20 ±0.5 20-20 ±0.5 20-20 ±0.5	0.005 0.005 0.005		2 2					2	88 84	2190.00 3890.00 690.00		
	ROTEL	RC-971BXII RC-972(RI) RC-995(RI) RTC-940AX(RI) RQ-970BX Phono	S S S S S S	L L MM/MC/L L MM/MC			4-100 +0,-3 4-100 ±3 4-100 ±0.5 4-100 +0,-3 20-20 ±0.2	10 1 10 10 10	0.004 0.004 0.004 0.004 0.004	150 150 150 150	2 1 2 2	2 2 0 2			2.5 2.5	75 75	70 70	300.00 399.00 899.00 500.00 199.90	Separate record control; dual outputs. Optional MM or MC phono input. Separate record control; dual outputs. Tuner/preamp (see also "Tuners").
	JEFF ROWLAND DESIGN GROUP	Coherence II(RI) Synergy II(RI) Cadence	S S S	L L MC	I/O I/O I/O		4-150 +0,-3 4-150 +0,-3 2-200 +0,-3	13 13 13	0.015 0.003 0.005	Adj. Adj.	1 1	0 0				14,500 5500.00 3300.00	Includes external battery power supply. Includes external AC power supply; external battery supply optional. Shares power supply with either of above models.		
	RUSSOUND	PR-4Z(RO)	S	L			20-20 ±0.1	10	0.008	150	0	8				1995.00	Four- to sixteen-zone, multi-source control; optional keypads and paging devices.		
	SAS AUDIO LABS	7A 10A	T T	L L			4-160 +0,-0.3 4-160 +0,-3	20 14	0.008 0.01	150 175	1 1	0 0				699.00 1049.00	Dual volume controls; two outputs for biamping. As above.		
	SEQUERRA ASSOCIATES	PA-1	S	MM/MC/L	I/O		8-150 ±0.2	10	0.002	20	1	0		0.6	90	100	25.000	External battery power supply; subwoofer crossover.	
	SHERWOOD	Newcastle AVP-9080(RI)	S	MM/MC/L		1C/1T/1O	10-100 +0,-2	9	0.003	200	2	2	DP/3/DTS	2	80	70	1199.95	Tuner/preamp/surround (see also "Tuners" and "Surround Processors"); RF digital input; component video input and output.	
	SIEMEL	TU10 TR20 MM20 MC20	T S S S	L L MM MC												2995.00 2995.00 1595.00 1595.00			
	SIGNATURE TECHNOLOGIES	SRp-7g(RO)	T	MM/MC/L			10-35 ±1	0.01	65	1	0				72	1995.00	Without phono board, \$1695.00; optional remote, \$350.00.		
	SM AUDIO	Studio Series	S	MM/MC/L	No		20-20 ±0.1	10	0.005	250	2	0			80	70	999.00		
	SONIC FRONTIERS	Line 1(RI) Line 2(RI) Line 3(RI) Phono 1	T T T H	L L L MC	I/O I/O I/O No		2-250 +0,-0.5 2-250 +0,-0.5 2-250 +0,-0.5 20-20 ±0.15	56 56 56 34	0.01 0.01 0.01 0.01		2 2 2	0 0 0				2499.00 3299.00 4999.00 1999.00	Fully balanced circuitry. As above; external power supply. As above. 1.0-mV sensitivity; selectable loading; 54-dB gain (44 or 62 dB available from factory).		
	SONOGRAPHE	SC26(RI)	S	L			20-20 +0,-0.1	3.5	0.05		2	0				995.00			
	SONOGY	Concerto Concerto RIAA-MM Concerto RIAA-MC	S	L MM MC			20-20 +0,-0.5	3	0.2	Var.	1	0			5	1900.00 350.00 350.00	Modular design; external power supply; zero loop feedback. Plug-in for model above. Plug-in for Concerto; 0.3-mV sensitivity.		

# PREAMPLIFIERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Circuitry: Solid State=S, Tube=T, Hybrid=H, Passive=P	Stages: MM Phono=MM, MC Phono=MC, Line or High Level=L	Balanced Analog Inputs=I, Balanced Analog Outputs=O	Digital Inputs: Number and Type—See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing—See Code	PHONO STAGE				Notes	SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing O—Other	
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wid.	MC Phono S/N, dB, A-Wid.	Price, \$			
SONY ES	TA-E90ES(RI)	S	MM/MC/L	I/O	1C/2T	3-300 +0,-3 10-20 ±0.1	3 2.5	0.003 0.003		2 2	0	DP	2.5	95	85	1700.00	Preamp/DAC/surround; digital compression/expansion; parametric EQ. Preamp/DAC/surround; laserdisc AC-3 RF digital input.		
	TA-E2000ESD (RI)	S	MM/L													1700.00			
	TA-E9000ES(RI)	S	MM/L			3C/5T/10	20-20 +0,-0.5	4	0.05	250	2	3	DP/3/DTS/O						1700.00
SOUNDSTREAM TECHNOLOGIES	Simul-Source SN-1(RO)	S	L	O		20-20 ±0.1		0.005			0						1295.00	Multi-zone A/V controller.	
SOUND VALVES	SV-100	S	MM/MC/L	No		20-20 ±0.1	5	0.005	65	2	2		6.0	87	80	678.00	Headphone jack; without phono stage, \$549.00. Class A; triode tubes; auto muting. Class A; triode tubes; zero feedback; buffered tape output; headphone output; internal crossover with subwoofer level control.		
	VTP-101i The Glory Model I	T H	MM/L L			2-180 +0,-3 5-300 +0,-3	15 20	0.01 0.03	200 160	3 2	0 0		5	75		799.00 1795.00			
SPECTRAL AUDIO	DMC-30 Reference(RI)	S	L	I/O		0-1M ±0.1	80	0.01	100	2	0							External power supply; line-level version available. As above.	
	DMC-20 Reference Series 2	S	MM/MC/L	I/O		0-1M ±0.1	80	0.01	100	1	0		1.5		90				
	DMC-12	S	MM/MC/L			0-1M ±0.1	40	0.01	100	1	0		1.5		85				
SPECTRON	10	S	MM/MC/L	I/O		0-4M	10	0.005		1	2		Adj.	90		2900.00	Selectable polarity for each channel; two-band EQ.		
SPL	ProMike 9524	S	L	I/O		20-90		.0005			2						1299.00		
	MikeMan 9523	S	L	I/O		20-90		.0005			2						699.00		
	EQ Magix 9422	S	L	I/O		20-90		.0002			2						1499.00		
SUNFIRE	Classic Vacuum Tube Preamp	T	L	O		20-20	20	0.1		1	2						1499.00	For model above. Tuner/preamp/surround (see also "Tuners" and "Surround Processors"). †Five (three coaxial only, two coaxial and Toslink).	
	Tube Phono Stage Theater Grand (RI)	T S	MM/MC MM/L		†	20-20	7	0.1	350	1	2	DP/3/DTS	1.4	81	72	350.00 2995.00			
SUTHERLAND ENGINEERING	C-800(RO)	S	L	I			5			1	0						5485.00	Optional universal remote, \$100.00; optional MM/MC phono module, \$885.00. Buffered tape outputs. Adjustable gain and cartridge loading.	
	C-2000(RO) PH-2000	S S	L MM/MC	No No		20-200 ±0.1	15	0.01	200	1	0		1.58	90	84	8000.00 6800.00			
SYMPHONIC LINE	P20 P30	S S	MM/MC/L L			2-200 ±3 2-300 ±3	50 50	0.005 0.005		2 2							2500.00 5000.00	External power supply; optional phono stage, \$800.00. External power supply; optional MM phono stage, \$300.00; optional remote, \$200.00.	
	Erleuchtung (RO)	T	L			1-100 ±3	100	0.05		2							6900.00		
TANDBERG	TCA 4038(RO)	S	MM/L			20-150 ±0.5 20-20 ±0.5	10 5	0.006 0.001	90 100	2 1	2	DP/3	1.2	75		1099.00 1999.00	Preamp/surround (see also "Surround Processors").		
	TCA 4138	S	L		2C														
TAURUS AUDIO	LS-2S	T	L	No		5-20 ±1	20	0.008		0	0						700.00		
THETA DIGITAL	Casa Nova(RI)	S	L	O	6C/2T/1B	20-20 ±0.2	†	0.002		††	0	†††					3000.00	Modular preamp/DAC/surround (see also "D/A Converters" and "Surround Processors"); two-zone output; fully balanced circuitry; includes crossover. †Balanced, 20 V; unbalanced, 10 V. ††One analog loop, two digital loops. †††Dolby Pro Logic, Dynaquad matrix, and proprietary logic matrix surround included, other matrix and non-matrix processing types optional. Modular preamp/DAC/surround (see also "D/A Converters" and "Surround Processors"); fully balanced circuitry; includes crossover; additional digital inputs optional. †Dolby Pro Logic and proprietary logic matrix surround included, other matrix and non-matrix processing types optional.	
	Casablanca(RI)	S	L	O	6C/2T	20-21 +0,-0.2	6	0.002		0	†						5745.00		
THOR AUDIO	TA-1000	T	L			15-35 ±0.1	5	0.01		1	0						6990.00		
	TA-2000	T	MM/L			15-35 ±0.1	5	0.01		1	0						8490.00		
	TA-3000	T	MM/MC			20-20 ±0.05	2	0.01		1	0						5990.00		
THORENS	TTP 2000F(RO)	S	MM/MC/L	I/O		10-150 ±0.3	10.7		150		0						1800.00		
THULE AUDIO	PR 100(RI)	S	L	O						1	0						995.00	Fully balanced circuitry.	
	PR 150B(RI)	S	L	I/O						1	2						1500.00		
TIMBRE TECHNOLOGY	TT-3	S	L	I/O		20-200 +0,-0.5	7	0.005	100	1	0						2695.00		

# PREAMPLIFIERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Circuitry: Solid State = S, Tube = T, Hybrid = H, Passive = P	Stages: MM Phono = MM, MC Phono = MC, Line or High Level = L	Balanced Analog Inputs = I, Balanced Analog Outputs = O	Digital Inputs Number and Type — See Code	Frequency Response, Hz to kHz, ±dB	Maximum Output, V rms	THD, %	High-Level Sensitivity, mV	No. of Tape & Processor Loops	Number of Tone Controls	Surround Processing — See Code	PHONO STAGE			Price, \$	Notes
													MM Phono Sensitivity, mV	MM Phono S/N, dB, A-Wtd.	MC Phono S/N, dB, A-Wtd.		
TRANSCENDENT SOUND	LL-1	T	L			5-300 +0,-1	20	0.02	200	0	0				1199.00	Grounded-grid circuit.	
TRIANGLE	TPA-22(RI)	S	L			20-20 ±0.1	10	0.001	500	2	0				1665.00		
TUBE RESEARCH LABS	GTRP GTP GTRPP	T T T	L MC MC				40								8500.00 3800.00 12,500	Stepped attenuators. As above; MC phono sensitivity, 0.125 mV.	
TUBE TECHNOLOGY	Seer/Phono Prophet	T T	MM/L L			4-116 4-120	8 8	0.05 0.03	125 160	1 1	0 0	0.8			1650.00 3000.00	Without phono stage, Seer/Line, \$1500.00.	
VAC	CPA-1 MkIII 20.1 CPA-2	T T T	MM/MC/L L MM/MC/L	O		7-180 +0,-0.5 12-100 +0,-0.5 7-180 +0,-0.5	15 10 15	0.1 0.1 0.1	Sel. Sel. Sel.	1 1 1	0 0 0	3.5 2.5	68 70 68	6490.00 1390.00 6690.00	Without phono stage, CLA-1 MkIII, \$4290.00. Without phono stage, CLA-2, \$5000.00.		
J. C. VEROIER	Le Control	P	MM/L							1	0				795.00	MM stage requires power supply (optional supply, \$50.00).	
VTL	TL2.5(RI) TL5.5(RI)	T T	L L	I/O		6-200 ±0.5 6-200 ±0.5	60 40	0.01 0.01	100 100	2 2	0 0				1495.00 2950.00	Optional MM/MC phono stage, \$550.00. As above but \$750.00.	
WAVELENGTH AUDIO	Sine V3 Tangent Cotangent	T T H	L MM/MC MM/MC			5-50 +0,-1 20-45 +0,-3 20-20 +0,-3	10 3 3	0.05 0.05 0.1	200	1	0	1.5 5	90 80	85 72	3500.00 3000.00 1000.00	Single-stage circuit; transformer- coupled input. Battery power supply. Optional battery power supply, \$500.00.	
WELBORNE LABS	Compleat Hybrid Line Stage Compleat Hybrid Phono Stage Reveille Tube Line Stage Reveille Passive Line Stage	H H T P	L MM/MC L L			20-50 ±3 20-50 ±1 10-80 ±1 10-100	12 10 10	0.05 0.02 0.001		0 1 1	0 0 0	1.0			895.00 729.00 1495.00 595.00	Kit. As above. As above. As above.	
WILSON BENESCH	Stage 1	S	MC			5-70 +0,-0.2	9	0.01					70	1500.00	For Wilson Benesch ACT 1 or ACT 2 turntable; 0.15-mV sensitivity; adjustable input resistance and capacitance.		



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id tape outputs; without stage, SC26L, \$2495.00. section, tube; phono section, Without phono stage, SC27L, 00. ve.  
 al power supply. supply for stand-alone use, 10.  
 al power supply; no feedback.  
 osition record out selector; o inputs.  
 al power supply; optional led supply, \$2000.00; optional ed input or output (for this and s below), \$100.00 each; without , 1PL, \$4995.00.  
 al power supply; optional led supply, \$700.00; optional ono module, \$650.00; without , 2PL, \$2495.00.  
 It phono, 3PL, \$1700.00. -supply upgrades, \$2000.00 00.00; without phono, ure Line, \$11,500.



# TUNERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	FM Only=F, RDS=R	AM Stereo Capable?	Signal Strength for 50-dB Quieting, dB <sub>f</sub> , Mono/Stereo	Capture Ratio, dB, Wide/Narrow	AM Suppression, dB	Alternate-Channel Selectivity, dB, Wide/Narrow	Total Number of Station Presets	Separation at 1 kHz, dB	THD at 1 kHz and 100% Modulation, %, Mono/Stereo	Maximum S/N, dB, Mono/Stereo	Price, \$	Notes
ACCPHASE	T-109(RI)	F		17/37	1.5/1.5	80	70/100	32	50	0.02/0.04	90/85	2995.00	
ADCOM	GTP-740(RI)		No	22/41	2.0		55	14		0.05/0.09	70/78	1750.00	Tuner/preamp/surround (see also "Preamps" and "Surround Processors").
	GTP-600(RI)		No	14/36	1.7	63	75	14	55	0.07/0.09	80/75	1100.00	As above.
	GTP-450(RI)		No	15/36	1.8	60	73	14	50	0.08/0.09	78/75	500.00	Tuner/preamp (see also "Preamps").
	GTP-350		No	15/36	1.8	60	73	14	50	0.08/0.09	78/75	400.00	As above.
AMC	T7(RI)		No	15/37	1.5	60	65	30	50	0.08/0.08	78/74	399.00	
ANTENNA PERFORMANCE SPECIALTIES	T-2		No	16.5/37	1.5	53	80	20	50	0.1/0.15	80/75	295.00	
	T-1		No	18/38	1.5	58	85	40	55	0.008/0.1	80/75	595.00	
ARCAM	Alpha 7		No		1.5	50	60	24		0.1/0.2	75/68	449.00	
	Alpha 8		No		1.5	50	60	24		0.1/0.2	75/68	549.00	
AUDIO DESIGN ASSOCIATES	MT-3000 Multi-Tuner(RO)		Yes	13/34	1.4	54	80	3x20	50	0.075/0.09	74/69	4999.00	Multi-room.
AUDIOLAB	8000T		Yes	17/36	1/2	60	65/40	39	50	0.05/0.08	82/75	1195.00	
AUDIO REFINEMENT	Complete Tuner (RO)		No		1.5		27		50	0.07/0.25	75/70	695.00	Optional remote, \$50.00.
AUDIOSOURCE	PreAmp/Tuner Two(RI)		No		1	40	65	18	60	0.2/0.4	76/70	499.95	Tuner/preamp (see also "Preamps").
B & K COMPONENTS	Reference 10(RI)		No	15/35	2	55	65	40	40	/0.25	/70	1998.00	Two-zone tuner/preamp/upgradable surround (see also "Preamps" and "Surround Processors").
	Reference 20(RI)		No	15/35	2	55	65	40	40	/0.25	/70	2498.00	As above.
BURMESTER	978(RI)	F/R						60	65	/0.06	/70	12,800	Balanced outputs.
	931 RDS	F/R						60	61	/0.07	/70	6040.00	As above.
CAIRN	Annapurna HE(RI)	R	No	18/40	2		65	20	35	0.2/0.3	75/65	1400.00	
CARVER	CT-25.1(RI)		No	25/40.7				16	40	0.4/0.5	80/75	599.00	Tuner/preamp/surround (see also "Preamps" and "Surround Processors").
	CT-24(RI)		No	16.8/39.2				30	40	0.2/0.5	76/68	499.00	Tuner/preamp (see also "Preamps").
CLASSÉ AUDIO	Tuner 1(RI)	F						80	40	0.1/0.1	/70	1295.00	Balanced and unbalanced output.
CREEK	T43(RI)		No	20/40		54		58	30	0.3/0.3	68/68	695.00	
CYRUS	FM7(RI)	F		18/36	1.5		55	29	50	0.05/0.08	83/76	699.00	
DENON	AVP-8000(RI)	R										3500.00	Tuner/preamp/surround (see also "Preamps" and "Surround Processors").
	TU-1500RD	R	No					40	50	0.08/0.12	82/78	375.00	
	TU-280	No	No	15.3/38.5	1.5	50	50	30	40	0.1/0.2	79/74	275.00	
ELITE	F-93		No	15.9/36.2	1.0	80	85	40	60	0.03/0.2	96/88	900.00	
JOLIDA	JD 401 A(RI)	R	No					30		0.05/0.05	75/70	350.00	Tube output stage.
KENWOOD	KC-Z1(RI)		No	/41.2		50		44	40	0.6/0.7	75/68	2800.00	Tuner/preamp/surround (see also "Preamps" and "Surround Processors").
LINN	Kremlin(RI)	F										4400.00	
	Kudos(RI)	No						50				1750.00	
Kudos-Module	No						50				1150.00		
LIRPA LABS	Drift Away	F	Yes	47/725	201/200	0	10/10	1.5		6/1	1/2	9.95	Steam-percolation powered.
LUXMAN	T-353L		No	/26	1.5	62	62	30	48	0.1/0.15	78/65	449.00	
MAGNUM DYNALAB	MD 108(RO)	F		13/33	1.5/1.5	70	46/80	0	50	0.1/0.1	80/80	5500.00	Tube/transistor hybrid; balanced output.
	Etude(RO)	F		13.2/34	1.5/	70	70/80	60	60	0.1/0.18	80/	1350.00	
	FT101A(RO)	F		13.2/34	1.5/	70	60/80	60	60	0.1/0.18	75/	875.00	
	FT11	F		14.5/35.3	1.5	70	70	3	50	0.13/0.3	75/	545.00	
MARANTZ	ST-17(RI)		No	10.7/33.8	1.5/2.0	55	50/80	60	55	0.05/0.08	80/73	600.00	
	ST-46(RI)		No	16.8/38.6	1	60	50	30	45	0.09/0.15	78/70	250.00	
McINTOSH	MR7084(RI)		No	19/39	1.5		70	50	50	0.08/0.08	80/75	1500.00	
MERIDIAN	504(RO)	F		14.7/38.4				30		0.003/0.003	70/70	1295.00	
MUSICAL FIDELITY	E-50	F		19.9/42		55		20	45	0.2/0.5	78/70	575.00	
MYRYAD SYSTEMS	MT-100(RI)	F							45	0.1/0.2	80/74	999.00	
NAD	S400(RI)	F		16.1/36.1	1.5	70		30	50	0.1/0.2		999.00	Class A; selectable antenna inputs; 25-kHz tuning increments; system control bus.
	C440		No	16.1/36.1	2.5	65		30	45	0.1/0.2		349.00	FM blend circuit; eight-character preset titling; 25-kHz tuning increments; system control bus.
	412		No	13/35	1.6/1.6	60	58/	12	45	0.08/0.1	80/74	299.00	
	917(RI)	No	No	22/40	1.6	60	58	30	35	0.25/0.25	76/70	699.00	Tuner/preamp/surround (see also "Preamps" and "Surround Processors").
NAIM AUDIO	NAT 03	F										1250.00	
	NAT 02	F										2350.00	
	NAT 01	F										3700.00	Includes external power supply.
ONIX	TU39(RO)	F		9.1/32		70	30/100		70	0.07/0.15	91/92	1895.00	
ONKYO	Integra T-4711(RI)	R	No	16.1/36.1	1.3/	50	/80	40	55	0.03/0.07	85/77	From 549.95	
	Integra T-9090i(RI)	F		15.8/37.2	1.0/	64		20	†	0.009/0.02	85/84	789.95	†Wide mode, 50 dB; narrow mode, 43 dB.
	T-4310R	R	No		1.5/	50	55/	30	40	0.1/0.1		279.95	
	T-4210	No	No		1.5/	50	55/	30	40	0.1/		199.95	





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# TUNERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	FM Only=F, RDS=R	AM Stereo Capable?	Signal Strength for Mono/Stereo	Capture Ratio, dB, Wide/Narrow	AM Suppression, dB	Alternate-Channel Selectivity, dB, Wide/Narrow	Total Number of Station Presets	Separation at 1 kHz, dB	THD at 1 kHz and 100% Modulation, % Mono/Stereo	Maximum S/N, dB, Mono/Stereo	Price, \$	Notes
PARASOUND	T/DQ-1600(RI)		No	14.8/37.2	1.0/	55	60/80	20	46	0.07/0.25	80/75	385.00	
PERREAU	TU6(RO)		No					20	40	0.08/0.3	75/70	From 1295.00	
REGA RESEARCH	Radio		No		1.6	60		24	53	0.08/0.1	81/74	595.00	
REVOX	S-26 Elegance(RO) B-26 Emotion(RO) E-460 Exception(RO)	F/R F/R F/R		15.2/36.8 13.2/34.8 12/32	1/1.5 1/1.5 0.5/1.0	70 70 72	50/75 50/80 50/85	35 35 50	43 43 43	0.5/0.7 0.07/0.1 0.07/0.1	74/70 80/ 80/	995.00 1695.00 3500.00	
ROKSAN AUDIO	Caspian	F		1.0	80			50	50	0.03/0.07	87/76	1000.00	
ROTEL	RTC940AX(RI) RT940AX(RI) RT935AX	No No No		14.8/37.2 12.5/34.5 12.5/34.5	1.0 1.5 1.5	58 60 60	70 63 63	16 20 20	48 40 40	0.07/0.25 0.08/0.3 0.08/0.3	80/75 75/70 75/70	500.00 350.00 269.90	Tuner/preamp (see also "Preamps").
SHERWOOD	Newcastle AVP-9080(RI)	No		14.2/38	1.0	70	70	30	45	0.15/0.25	80/73	1199.95	Tuner/preamp/surround (see also "Preamps" & "Surround Processors").
SONY ES	ST-SA5ES ST-S211(RO)			22.1/42.1		54	55	40 40	70 40	0.004/0.0075 0.3/0.5	100/92 80/75	800.00 150.00	
SUNFIRE	Theater Grand(RI)	No		/31.6	1.0		70	40	40	0.2/0.5	75/68	2995.00	Tuner/preamp/surround (see also "Preamps" and "Surround Processors").
TANDBERG	TPT 4031(RI)	F		17.2/36.4	1.0		100	16	45	0.15/0.15	82/78	1499.00	
TEAC	T-H500	No						60	45	0.15/0.3	70/65	229.00	
THORENS	TRT-2000(RO)	R						59	60		/74	1480.00	
TUBE TECHNOLOGY	Sylph	No		17/36	1.5	64	77.5	12	55	0.09/0.3	77/69	1750.00	Balanced tube output stage.
YAMAHA	TX-950(RO) TX-492(RO)	No No		15.1/37.7 15.1/37.7	1.2 1.5	70 55	85 85	40 40	60 52	0.02/0.03 0.1/0.2	96/90 80/75	429.00 199.00	

# RECEIVERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional, (RDS)=Tuner Shows RDS Data	Number of Amplified Channels (Line Level Subwoofer Output=S)	Average Watts/Ch, into 8 Ohms, Main/Center/Surround, All Channels Driven	AMPLIFIER SECTION										TUNER SECTION					Weight, Pounds (To Nearest Pound)	Price, \$
				THD, %, Main/Center/Surround	Rated Full-Power Bandwidth, Hz to kHz	MM Phono S/N, dB, A-Wid.	Dynamic Headroom, dB	Number of Video Inputs	Number and Type of Digital Inputs: Coaxial=C, Toslink=T, RF (Laserteck: AC-3)=RF	Surround Processing - See Code	External Surround-Decoder Inputs (AC-3 Ready)?	Signal Strength for Mono/Stereo	Capture Ratio, dB	THD at 1 kHz, % Mono/Stereo, 100% Modulation	Alternate-Channel Selectivity, dB	Maximum S/N, dB, Mono/Stereo				
AIWA	AV-DV70 AV-DV500 AV-DV50 AV-D30	5, S 5, S 5, S 5, S	120/120/60 70/70/70 120/120/60 70/70/35					3 3 3 3	1C/1T	DP/3 DP DP DP	No Yes Yes Yes					25 21 25 22	600.00 500.00 400.00 250.00			
B & K COMPONENTS	AVR101 Series 100(RI) AVR202 Series 200(RI)	5, S 5, S	105/105/105 105/105/105	0.09/0.09/0.09 0.09/0.09/0.09	5-45 5-45	1.4 1.4	7 7	6C/6T 6C/6T	DP/3 DP/3/DTS		/40 /40	2 2	/0.25 /0.25	65 65	/70 /70	55 55	2498.00 2798.00			
CARVER	HTR-885.1(RI)	5, S	80/80/30	0.01	20-20	75	1.1	2		DP	Yes	16/39		0.5/0.2		25	599.95			
DENON	AVR-5600 (RI & RDS) AVR-3600(RI) AVR-3200(RI) AVR-2700(RI) AVR-2400(RI) AVR-1700(RI) AVR-1400(RI) AVR-1100(RI) DRA-775RD (RI & RDS) DRA-375RD (RI & RDS) DRA-275R(RI)	5, S 5, S 5, S 5, S 5, S 5, S 5, S 5, S 2 2 2	140/140/140 110/110/110 85/85/85 80/80/80 75/75/75 70/70/70 65/65/65 55/55/55 90 60 40	0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.08/0.08/0.08 0.009 0.05 0.05	20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20	76 76 76 76 76 76 76 76 76 78 78		2C/3T 2C/1T 2C/1T 2C/1T 2C/1T 2C/1T 2C/1T 2C/1T 2	DP/3/THX DP/3/O DP/3 DP/3/O DP/O DP/3/O DP/O DP	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	15.3/38.5 15.3/38.5 15.3/38.5 15.3/38.5 15.3/38.5 15.3/38.5 15.3/38.5 15.3/38.5 15.3/38.5 15.3/38.5	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.1/0.2 0.1/0.2 0.1/0.2 0.15/0.3 0.1/0.2 0.15/0.3 0.1/0.2 0.15/0.3 0.1/0.15	55 55 50 55 50 55 50 55 50 55	80/75 80/75 80/75 80/75 80/75 80/75 80/75 80/75 80/75	54 33 30 26 30 22 23 18 25	2800.00 1800.00 999.00 799.00 699.00 599.00 549.00 399.00 750.00			
DUAL	CR5950RC(RI) CR9065RC(RI) M-1100SW(RI)	4 4 4, S	85/85 80/80 75/75/75	0.02/0.02 0.02/0.02 0.03/0.03/0.02	10-70 10-70 15-60	95 85 106	2 2 2			Yes Yes	26/46 22/32 22/32		0.07/0.12 0.1/0.15 0.1/0.15	75 70 75	80/70 80/70 80/70	22 17 88	790.00 590.00 2480.00			
ELITE	VSX-09TX(RI) VSX-07TX(RI) VSX-14(RI) VSX-11(RI)	5, S 5, S 5, S 5, S	100/100/100 100/100/100 100/100/100 100/100/100	0.8/0.8/0.8 0.8/0.8/0.8 0.09/0.09/0.09 0.09/0.09/0.09	20-20 20-20 20-20 20-20	80 80 75 75	5 5 4 3	2C/1T/1RF 2C/1T	DP/3/THX DP/3/THX DP/3 DP	No No No Yes	16.8/38.6 16.8/38.6 16.8/38.6 16.8/38.6	1.0 1.0 /0.5 /0.5	0.2/0.3 0.2/0.3 /0.5 /0.5	65 65 60 60	73/70 73/70	34 30 21 20	1750.00 1450.00 800.00 600.00			
HARMAN KARDON	HK3270 AVR40 AVR5 AVR35 AVR45 AVR65 AVR85	2 5, S 5, S 5, S 5, S 5, S 5, S	70 55/55/25 40/40/40 40/40/40 50/50/50 60/60/60 85/85/85	0.05 0.09/0.7/0.7 0.05/0.05/0.05 0.08/0.08/0.08 0.08/0.08/0.08 0.08/0.08/0.08 0.07/0.07/0.07	20-20 20-20 20-20 20-20 20-20 20-20 20-20	0 3 3 4 4 4 5		1C/1T 1C/1T 1C/1T 1C/1T	DP/O DP/O DP/3/O DP/3/O DP/3/DTS/O DP/3/O	No Yes No Yes Yes No	13.5/40 13.5/40 13.5/40 13.5/40	2.0 2.0 2.0 2.0	0.3/0.5 0.3/0.5 0.3/0.5 0.2/0.5	65 70/65	27	299.00 429.00 699.00 879.00 1199.00 1699.00				

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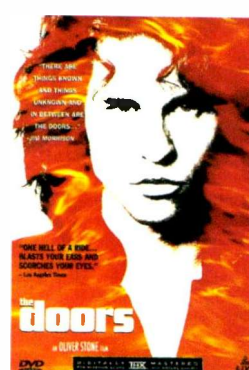
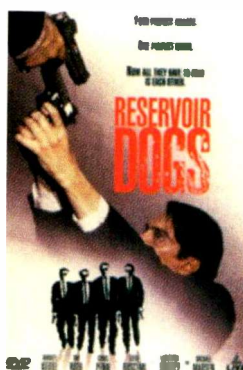
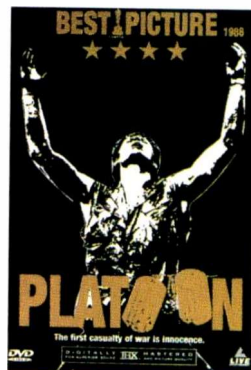
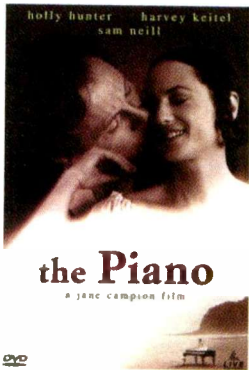
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CIRCLE NO. 26 ON READER SERVICE CARD

# RECEIVERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional, (RDS) = Tuner Shows RDS Data	Number of Amplified Channels (Line-Level Subwoofer Output = S)	Average Watts/Ch. into 8 Ohms, Main/Center/Surround, All Channels Driven	AMPLIFIER SECTION										TUNER SECTION				
				THD, %, Main/Center/Surround	Rated Full-Power Bandwidth, Hz to kHz	MM Phono S/N, dB, A-Wtd.	Dynamic Headroom, dB	Number of Video Inputs	Number and Type of Digital Inputs: Coaxial = C, Toslink = T, RF (Laserdisc AC-3) = RF	Surround Processing — See Code	External Surround-Decoder Inputs (AC-3 Ready)?	Signal Strength for 50-dB Quieting, dbf, Mono/Stereo	Capture Ratio, dB	THD at 1 kHz, %, Mono/Stereo, 100% Modulation	Alternate-Channel Selectivity, dB	Maximum S/N, dB, Mono/Stereo	Weight, Pounds (To Nearest Pound)	Price, \$
JVC	RX1024VBK(RI)	5, S	100/100/100	0.02/0.8/0.8	20-20	78	5	1C/2T	DP/3/O		Yes	16.3/38.3	1.5	0.15/0.2	60	80/73	26	900.00
	RX-884VBK(RI)	5, S	100/100/100	0.02/0.8/0.8	20-20	78	5	1C/2T	DP/3/O		Yes	16.3/38.3	1.5	0.15/0.2	60	80/73	26	550.00
	RX-774VBK(RI)	5, S	100/100/100	0.06/0.8/0.8	20-20	78	3		DP/O			16.3/38.3	1.5	0.15/0.2	60	80/73	25	450.00
	RX-664VBK(RI)	5, S	100/100/100	0.8/0.8/0.8	40-20	78	2		DP/O			16.3/38.3	1.5	0.15/0.2	60	80/73	21	330.00
	RX-555VBK(RI)	4, S	100/100/50	0.8/0.8/0.8	40-20	78	2		DP/O			16.3/38.3	1.5	0.15/0.2	60	80/73	19	230.00
KENWOOD	VR-2090(RI)	5, S	100/100/100	0.09/0.09/0.09	20-20	77	4	2C/2T	DP/3/DTS			/41.2		0.3/0.6		75/68	27	999.00
	VR-2080(RI)	5, S	100/100/100	0.09/0.09/0.09	20-20	77	4	2C/2T	DP/3/DTS			/41.2		0.3/0.6		75/68	25	799.00
	VR-209(RI)	5, S	100/100/100	0.09/0.09/0.09	40-20	75	3	1C/1T	DP/3			/41.2		0.6/0.7		75/68	19	399.00
	VR-207(RI)	5, S	100/100/100	0.09/0.09/0.09	40-20	75	3		DP/3			/41.2		0.6/0.7		75/68	19	300.00
	VR-205(RI)	5, S	50/50/50	0.09/0.09/0.09	40-20	75	3		DP			/41.2		0.6/0.7		75/68	18	200.00
	104AR	2	100	0.09	20-20		0		DP			/41.2		0.6/0.7	50	75/68	19	150.00
103AR	2	50	0.09	20-20		0		O			/41.2		0.6/0.7	50	75/68	15	130.00	
KRELL	KAV-300(RI)	2	150	0.06	1-100													3250.00
LIRPA LABS	Wide (on steroids)			4 TD														500 to 1
	Wide (off steroids)			0 TD														1 to 500
LUXMAN	RV-371(RI)	5	75/55/50	0.04/0.04/0.05	20-20	80	1.5		DP		No	13.5/37.0	1.25	0.15/0.2	65	80/75	39	1749.00
	RV-357	4	80/80/30	0.08/0.08/0.5		74	2		DP			25/40.7		0.15/0.4	80/75	20	795.00	
MARANTZ	SR-48mk2	2	50	0.09	20-20							16.2/		0.3/0.5	50	70/65		
	SR-68	2	70	0.09	20-20							16.2/		0.3/0.5	50	70/65		
	SR-66(RI)	5, S	50/50/25	0.09	20-20			3				16.3/38.3	1	0.2/0.5	65	76/68		
	SR-480	5, S	60/60/60	0.05/0.05/0.05	20-20			4				13.5/	1	0.2/0.5	65	76/68		350.00
	SR-590	5, S	60/60/60	0.05/0.05/0.05	20-20			4	1C/1T	DP/3	Yes	13.5/	1	0.2/0.5	65	76/68		
	SR-685	5, S	80/80/80	0.05/0.05/0.3	20-20			5	1C/1T	DP/3	No	13.5/	1	0.2/0.5	65	76/68		
	SR-880(RI)	5, S	110/110/60	0.09	20-20			5	1C/1T/1RF	DP/3	No	13.5/	1	0.2/0.5	65	76/68		1500.00
	SR-780(RI)	5, S	100/100/80	0.09	20-20			4	1C/1T/1RF	DP/3	No	16.3/38.3	1	0.2/0.5	65	76/68	28	1200.00
MITSUBISHI	M-VR1000(RI)	5, S	100/100/60	0.1/0.1/0.1	20-20			4			No	15.6/37.8	1.0	0.08/0.15	55	80/74	20	1299.00
	M-VR800(RI)	5, S	70/70/70	0.1/0.1/0.1	20-20			4			No	15.6/37.8	1.0	0.08/0.15	55	80/74	20	999.00
	M-VR600(RI)	5, S	65/65/30	0.5/0.5/1.0	20-20			4			No	15.6/37.8	1.0	0.15/0.3	60	80/74	20	499.00
	M-VR400(RI)	5, S	50/50/20	0.5/0.5/1.0	20-20			2			No	15.6/37.8	1.0	0.15/0.3	60	80/74	13	349.00

Does your home theater receiver remember your favorite movie?



BASS

CENTER

# RECEIVERS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional, (RDS) = Tuner Shows RDS Data	Number of Amplified Channels (Line-Level Subwoofer Output = S)	Average Watts (Ch. into 8 Ohms, Main/Center/Surround, All Channels Driven)	THD, % Main/Center/Surround	AMPLIFIER SECTION							TUNER SECTION						
					Rated Full-Power Bandwidth, Hz to kHz	MM Phono S/N, dB, A-Wid.	Dynamic Headroom, dB	Number of Video Inputs	Number and Type of Digital Inputs: Coaxial = C, Toslink = T, RF (Laserdisc, AC-3) = RF	Surround Processing — See Code	External Surround-Decoder Inputs (AC-3 Ready)?	Signal Strength for 50-dB Quieting, dBf, Mono/Stereo	Capture Ratio, dB	THD at 1 kHz, %, Mono/Stereo, 100% Modulation	Alternate-Channel Selectivity, dB	Maximum S/N, dB, Mono/Stereo	Weight, Pounds (To Nearest Pound)	Price, \$
NAD	T770(RI)	5, S	70/70/70	0.08	20-20	3.5	5	2C/1T	DP/3	Yes	16.1/36.1	2.5	0.15/0.25		73/67	36	1699.00	
	T750(RI)	5, S	50/50/30	0.08	20-20	3.5	4		DP	Yes	16.1/36.1	2.5	0.15/0.25		73/67	22	699.00	
	AV713	5, S	50/50/15	0.08	20-20				DP		17.2/38.2	1.5	0.15/0.25	55	73/67	21	599.00	
	AV711	5, S	40/40/20	0.08/0.08	20-20				DP				0.15/0.25		73/67	18	499.00	
	C740(RI)	2, S	35	0.03	20-20	3.5	0		DP		16.1/36.1	2.5	0.1/0.15		73/67	13	499.00	
	712	2, S	25	0.03	20-20	3	0				15/37	1.6	0.1/0.1	58	80/74	13	399.00	
	710	2, S	20	0.03	20-20	3					14/35	1.6	0.08/0.1	60	82/76	13	299.00	
NAKAMICHI	AV-10(RI)	5, S	100/100/100	0.1/0.1/0.1	10-40		4	2C/2T	DP/3/DTS	No	17/38.5		0.3/0.4		74/68	33	949.00	
	AV-7(RI)	5, S	80/80/80	0.1/0.1/0.1	10-40		3		DP	Yes	17/38.5		0.3/0.4		74/68	24	449.00	
	RE-10(RI)	5, S	100	0.1	10-40		3				17/38.5		0.3/0.4		74/68	28	349.00	
ONKYO	TX-DS939	5, S	100/100/100	0.03	20-30	80	7	1C/2T	DP/3/THX	Yes	17.2/37.2	1.5	0.1/0.2	55	76/70	46	2799.95	
	TX-DS838	5, S	90/90/50	0.08	20-30	80	4	1C/1T	DP/3		17.2/37.2	1.5	0.1/0.2	55	76/70	37	1499.95	
	TX-DS747	5, S	80/80/40	0.08/0.08/0.08	20-20	80	4	2C/1T	DP/3		17.2/37.2	1.5	0.1/0.2	50	76/70	29	999.95	
	TX-SV646	5, S	80/80/30	0.08/0.08/0.3	20-20	80	4		DP	Yes	17.2/37.2	1.5	0.1/0.2	50	76/70	27	799.95	
	TX-SV545	5, S	65/65/25	0.08/0.08/0.3	20-20	80	3		DP	Yes	17.2/37.2	1.5	0.1/0.2	50	76/70	26	599.95	
	TX-SV444	5, S	75/75/25	0.08	20-30	80	2		DP	Yes	18.2/39.2	1.5	0.15/0.25	55	76/70	26	429.95	
	TX-SV343	5, S	50/50/15	0.08/0.08/0.3	20-20	80	2		DP	No	17.2/37.2	1.5	0.1/0.2	50	76/70	18	349.95	
	TX-8511	2, S	100	0.2	20-20	80					18.2/38.2	1.5	0.15/0.25	55	73/67	21	350.00	
	TX-8211	2, S	48	0.3	40-20	80	0				18.2/38.2	1.5	0.15/0.25	55	73/67	16	250.00	
	OPTIMUS	STAV-3690(RI)	5, S	100/100/100	0.09/0.8/0.8	20-20	75	3		DP/0	No	16.8/38.6		0.5/0.5	60	73/70	20	349.99
STAV-3680(RI)		5, S	100/100/100	0.09/0.8/0.8	20-20	75	3		DP/0	No	16.8/38.6		0.5/0.5	60	73/70	20	299.99	
STAV-3770(RI)		4, S	100/100/100	0.9/0.9/0.9	40-20	75	2		DP/0	No	20.2/38.6		0.5/0.5	60	73/70	16	229.99	
STAV-3500(RI)		2, S	100	0.9	40-20	75					16.8/38.6	2.0	0.5/0.5	60	73/70	15	199.99	
STA-795		2, S	50	0.5	40-20	83	0						0.35/0.4	60	65/65	12	149.99	
PIONEER	VSX-D906(RI)	5, S	100/100/100	0.8/0.8/0.8	20-20	80	5		DP/3	No	16.8/38.6		0.5/0.5	60	73/70	29	1210.00	
	VSX-D607S(RI)	5, S	100/100/100	0.8/0.8/0.8	20-20	75	4	2C/1T	DP/3		16.8/38.6		/0.5	60	73/70	21	599.00	
	VSX-D557(RI)	5, S	100/100/100	0.8/0.8/0.8	20-20	75	4	2C/1T	DP/3		16.8/38.6		/0.5	60	73/70	21	499.00	
	VSX-D507(RI)	5, S	100/100/100	0.8/0.8/0.8	20-20	75	3		DP	Yes	20.2/38.6		/0.5	60	73/70	20	349.00	
	VSX-D457(RI)	5, S	100/100/100	0.8/0.8/0.8	20-20	75	2		DP	Yes	20.2/38.6		/0.5	60	73/70	20	299.00	
	VSX-D407(RI)	4, S	100/100/100	0.9/0.9/0.9	20-20	75	2		DP	Yes	20.2/38.6		/0.5	60	73/70	16	249.00	
(Continued)	VSX-D307(RI)	4, S	100/100/100	0.9/0.9/0.9	20-20	75	2		DP	Yes	20.2/38.6		/0.5	60	73/70	16	199.00	

Why not?

## INTRODUCING JVC'S RX-1024VBK DOLBY DIGITAL RECEIVER

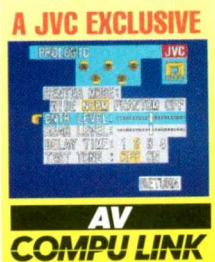


Imagine just putting in a tape or DVD and your entire system immediately kicks in and starts running perfectly. No hitting multiple buttons on the remote or messing with dozens of surround levels before the movie begins.

That's the kind of convenience you can only get from JVC. The AV COMPU LINK feature on our new RX-1024 receiver will automatically turn on all your JVC components—TV, VCR, DVD, CD, etc. If you're watching a movie, AV COMPU LINK remembers and instantly recalls all the listening settings you prefer for volume, bass, EQ, rear levels, delay times and more. The same holds true for your favorite CDs, MDs, cassettes, and radio stations.

And the RX-1024 is built to JVC world class performance standards too. That means a heavy duty transformer and 5 separate amplifiers with oversized capacitors and discrete outputs to deliver 100 watts of pure power to each channel. It means using only the most advanced microprocessing for onboard Dolby Digital and Dolby Pro Logic decoding. Not to mention assignable digital inputs that provide for future upgrades like Digital TV.

So check out the only surround sound receiver that always knows exactly what you expect from a movie—and delivers it every time. JVC's new RX-1024.



# JVC

1700 Valley Road, Wayne, NJ 07470 www.jvc.com  
CIRCLE NO. 130 ON READER SERVICE CARD

# RECEIVERS

SURROUND PROCESSING		MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional, (RDS) = Tuner Shows RDS Data	AMPLIFIER SECTION										TUNER SECTION					
				Number of Amplified Channels (Line-Level Subwoofer Output = S)	Average Watts/Ch. into 8 Ohms, Main/Center/Surround, All Channels Driven	THD, %, Main/Center/Surround	Rated Full-Power Bandwidth, Hz to KHz	MM Phono S/N, dB, A-Wtd.	Dynamic Headroom, dB	Number of Video Inputs	Number and Type of Digital Inputs: Coaxial=C, Toslink=T, RF (Laserdisc AC-3)=RF	Surround Processing — See Code	External Surround-Decoder Inputs (AC-3 Ready)?	Signal Strength for 50-dB Quieting, dBf, Mono/Stereo	Capture Ratio, dB	THD at 1 KHz, % Mono/Stereo, 100% Modulation	Alternate-Channel Selectivity, dB	Maximum S/N, dB, Mono/Stereo	Weight, Pounds (To Nearest Pound)
DP — Dolby Pro Logic 3 — Dolby Digital (AC-3) DTS — DTS THX — Home THX Processing 0 — Other		PIONEER (Continued)	SX-255R(RI) SX-205	2 2	100 100	0.9 0.9	40-20 40-20	72 72	0 0				16.8/38.6 16.8/38.6	/0.5 /0.5	60 60	73/70 73/70	15 15	255.00 220.00	
		ROTEL	RX 950AX(RI) RSX 965(RI)	2 5, S	50 80/80/80	0.03 0.03/0.03/0.03	20-20 20-20	82 82	2 5	2C/2T	DP/3/DTS	Yes	14.8/37.2 14.8/37.2	1.0 1.0	0.07/0.25 0.07/0.25	63 63	80/75 80/75	20 51	599.90 1199.00
		SHERWOOD	Newcastle R-945 MkII(RI) Newcastle R-925 MkII(RI) Newcastle R-626(RI) Newcastle R-326(RI) RVD-9090(RI) RVD-7090(RI) RVD-6090(RI) RV-5090(RI) RV-4080(RI)	5, S 5, S 5, S 5, S 5, S 5, S 5, S 5, S 4	100/100/100 100/100/100 80/80/80 50/50/50 100/100/100 80/80/80 50/50/50 50/50/50 50/50/50	0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.05 0.06/0.06/0.06 0.08/0.08/0.08 0.08/0.08/0.08	10-40 10-40 10-40 10-40 20-20 20-20 20-20 20-20 20-20	77 77 77 77 77 75 73 73 70	5 5 4 4 5 5 4 3 3	2C/1T 2C/1T 2C/1T 2C/1T 2C/1T 2C/1T 2C/1T 2C/1T 2C/1T	DP/3/DTS DP/3 DP/3 DP/0 DP/3/DTS DP/3 DP/3 DP DP	No Yes Yes Yes No Yes Yes Yes No	15/35.8 15/35.8 15/35.8 15/36.11 15/36.11 15/40 15/40 15/40 15/40	1 1 1 1.25 1 1.25 1.25 2 2	0.15/0.25 0.15/0.25 0.15/0.25 0.2/0.4 0.2/0.4 0.2/0.4 0.3/0.5 0.3/0.5 0.3/0.5	70 70 70 70 75/70 73/68 73/68 73/68 70/65	36 33 28 26 35 28 24 22 20	1299.00 899.95 699.95 499.95 850.00 550.00 450.00 350.00 250.00	
		SONY	STR-DE925(RI) STR-DE825(RI) STR-DE625(RI) STR-DE525(RI) STR-DE425(RI) STR-DE325(RI)	5, 2S 5, 2S 5, 2S 5, 2S 5, S 4, S	100/100/100 100/100/100 100/100/100 100/100/100 100/100/50 100/100/50	0.09/0.09/0.09 0.09/0.09/0.09 0.09/0.09/0.09 0.09/0.09/0.09 0.09/0.09/0.09 0.09/0.09/0.09	20-20 20-20 20-20 20-20 20-20 20-20	5 4 4 4 2 2	1C/3T 1C/3T	DP/3/DTS DP/3 DP DP DP DP	Yes Yes Yes Yes No	18.3/38.3 18.3/38.3 18.3/38.3 18.3/38.3 18.3/38.3 18.3/38.3	0.3/0.5 0.3/0.5 0.3/0.5 0.3/0.5 0.3/0.5 0.3/0.5	60 60 60 60 60 60	76/70 76/70 76/70 76/70 76/70 76/70	27 27 27 27 16 16	700.00 600.00 480.00 360.00 300.00 250.00		
		SONY ES	STR-DA90ESG (RI) STR-DA80ES (RI) STR-GA8ES(RI) STR-GA7ES(RI)	5, S 5, S 5, S 5, S	100/100/100 100/100/100 120/120/50 90/90/40	0.05/0.05/0.05 0.05/0.05/0.05 0.05/0.05/0.8 0.05/0.05/0.8	20-20 20-20 20-20 20-20	5 5 5 5		DP/3 DP/3 DP DP	Yes Yes	18.3/38.3 18.3/38.3 18.3/38.3 18.3/38.3	0.3/0.59 0.3/0.59 0.3/0.59 0.3/0.59	60 60 60 60	76/70 76/70 76/70 76/70	35 34 32 30	1600.00 1200.00		

**Is the music you record STILL held together with tape?**



# RECEIVERS

SURROUND PROCESSING DP—Dolby Pro Logic 3—Dolby Digital (AC-3) DTS—DTS THX—Home THX Processing 0—Other	MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional, (RDS)=Tuner Shows RDS Data	AMPLIFIER SECTION										TUNER SECTION					
			Number of Amplified Channels (Line-Level Subwoofer Output—S)	Average Watts/Ch. into 8 Ohms, Main/Center/Surround, All Channels Driven	THD, %, Main/Center/Surround	Rated Full-Power Bandwidth, Hz to kHz	MM Phono S/N, dB, A-Wtd.	Dynamic Headroom, dB	Number of Video Inputs	Number and Type of Digital Inputs: Coaxial=C, Toslink=T, RF (Laserdisc AC-3)=RF	Surround Processing— See Code	External Surround-Decoder Inputs (AC-3 Ready)?	Signal Strength for 50-dB Quieting, dBf, Mono/Stereo	Capture Ratio, dB	THD at 1 kHz, % Mono/Stereo, 100% Modulation	Alternate-Channel Selectivity, dB	Maximum S/N, dB, Mono/Stereo	Weight, Pounds (To Nearest Pound)
	TEAC	AG-D9200(RI) AG-D9100(RI) AG-V8600(RI) AG-V8520(RI) AG-H500(RI)	5, S 5, S 4, S 4, S 2	100/100/100 100/100/100 100/100/100 100/100/100 40	0.5/0.5/0.5 0.5/0.5/0.5 0.5/0.5/0.5 0.5/0.5/0.5 0.9	20-20 20-20 20-20 20-20 40-20		4 4 3 3	1C/1T 1C/1T	DP/3 DP/3 DP DP		23/40 23/40 23/40 23/40 23/40	2.0 2.0 2.0 2.0 2.0		65/60 65/60 65/60 65/60 65/60	24 24 20 20 16	799.00 799.00 399.00 399.00 469.00	
	TECHNICS	SA-EX110(RI) SA-EX320(RI) SA-AX720(RI) SA-AX920(RI) SA-AX6(RI)	2 4 5 6 6	100/100/100 80/80/80 100/100/100 100/100/100 100/100/100	0.8/0.8/0.8 0.9/0.9/0.9 0.9/0.9/0.9 0.9/0.9/0.9 0.9/0.9/0.9	40-20 40-20 20-20 20-20 20-20	70 70 70 70 70	2 2 2 2 2		DP DP DP DP	Yes Yes Yes Yes	18.3/38.3 18.3/38.3 18.3/38.3 18.3/38.3	1 1.5 1.5 1.5	0.2/0.3 0.2/0.3 0.2/0.3 0.2/0.3	75/70 73/67 73/67 73/67	14 17 21 22 24	180.00 200.00 300.00 350.00 400.00	
	TOSHIBA	XB1507(RI)	5, S	100/100/100	0.09/0.09		75	4	2C	DP/3/0	No	16.8/38.6		/0.5	60	73/70	21	999.00
	YAMAHA	RX-V2095(RI) RX-V2092(RI) RX-V992(RI) RX-V795(RI) RX-V793(RI) RX-V595(RI) RX-V592(RI) RX-V492(RI) RX-V393(RI) RX-V293(RI) RX-770(RI) RX-596(RI) RX-496(RI) RX-396(RI)	7, S 7, S 5, S 5, S 5, S 5, S 5, S 5, S 5, S 5, S 2 2 2 2	100/100/100/25 100/100/100 80/80/80 85/85/85 80/80/80 70/70/70 75/75/35 70/70/20 50/50/20 50/50/10 85 80 75 50	0.02/0.02/0.05 0.02/0.02/0.02 0.04/0.07/0.03 0.04/0.07/0.07 0.04/0.07/0.07 0.04/0.07/0.3 0.04/0.04/0.04 0.04/0.04/0.04 0.04/0.04/0.04 0.019 0.025 0.04 0.04	20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 20-20 10-50 20-20 20-20 20-20	86 86 86 86 85 80 80 82 88 88 82	2 2 2 2 2 2 2 2 2 2 2 2 2	2C/4T 2C/1T 2C/1T 3C/1T 3C/1T 2C/1T	DP/3/DTS/0 DP/3/0 DP/3/0 DP/3/DTS/0 DP/3/0 DP/0 DP/0 DP/0	Yes No No Yes No Yes Yes Yes Yes No	15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7 15.1/37.7	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	/0.2 0.1/0.2 0.1/0.2 /0.2 0.1/0.2 0.1/0.2 0.1/0.2	85 85 85 85 85 85 85 85 85 85 85 85 85 85	80/75 80/75 80/75 80/75 80/75 80/75 80/75 80/75 80/75 81/76 80/75 80/75 80/75	44 33 27 27 24 20 18 17 22 21 18 14	1599.00 1599.00 999.00 799.00 799.00 499.00 499.00 399.00 299.00 199.00 549.00 399.00 299.00 249.00

## INTRODUCING JVC'S XU-301BK 3CD/MiniDisc COMBINATION DECK



Why?

Tape? You're still using tape? Why? Now you can digitally record, edit, mix, insert, re-record, index, title, change pitch and add voice-overs with JVC.

Our XU-301 combines a 3 CD Triple-Tray Changer together with MiniDisc Record/Playback for direct digital-to-digital recording. An array of programming features, along with the XU-301's exclusive pitch control and mic mixing, let you add your own personal touch to every MD compilation you create.

And JVC's exclusive TEXT COMPU LINK makes selecting the music you want to record simpler than ever.

Found only on JVC receivers (like the new RX-1024), TEXT COMPU LINK displays the title, artist, genres, etc. from text encoded CDs and MDs on your TV screen. For CDs that don't have text, the XU-301 remote has a "qwerty" style alpha numeric keyboard that makes it easy to input the data you want to catalog.

So stop holding your music together with tape. Enter the perfect world of digital recording with JVC's XU-301.

A JVC EXCLUSIVE

DISC SEARCH 1:29  
 DISC 198 LAURIE ANDERSON  
 MR. HEARTBREAK  
 TRACK 1: KURURU  
 TRACK 2: Excellent Rish  
 TRACK 3: Blue Lagoon

SEARCH USER FILE MODE  
 TITLE IMPU 1 INDEX 11  
**TEXT  
COMPU LINK**

# JVC

1700 Valley Road, Wayne, NJ 07470 www.jvc.com

CIRCLE NO. 131 ON READER SERVICE CARD

# TURNTABLES

MANUFACTURER	Model	Speeds—See Code	Wow & Flutter, % DIN 45-507	Rumble, -dB, DIN 45-539-B	Drive System	Speed Inaccuracy, ±%	Speed Adjustment Range, ±%	Controls Outside Dustcover?	TONEARM										Price \$
									Type: Pivot=L, Servo=S, Air-Bearing=A	Pivot-to-Stylus Distance, Inches	Auto Cue=C, Auto Return=R	Recommended Tracking Force Range, Grams	Anti-Skating Adjustable?	Cartridge Weight Range, Grams	Total Cable Capacitance, pF	Cartridge Mount: Fixed=F, Removable Shell=R, P=Mount=P	Dimensions, Inches (To Nearest Inch)		
AUDIOMECA	Romance J1	B			Belt		Yes	Yes	P				Yes			F	19 x 16 x 8 20 x 18 x 8	2595.00 4995.00	
BASIS AUDIO	Debut Gold MkV	B	0.02	90	Belt	0.02											23 x 17 x 7	8200.00	
	Debut Gold Vacuum MkV	B	0.02	90	Belt	0.02											23 x 17 x 7	10,600	
	1400	B	0.02	90	Belt	0.02	Yes										16 x 16 x 6	1200.00	
	2000	B	0.02	90	Belt	0.02	Yes										16 x 16 x 6	2000.00	
	2001	B	0.02	90	Belt	0.02	Yes										16 x 16 x 6	3000.00	
	2400	B	0.02	90	Belt	0.02	Yes										16 x 16 x 7	4500.00	
	2500	B	0.02	90	Belt	0.02	Yes										16 x 16 x 7	5500.00	
	2700	B	0.02	90	Belt	0.02	Yes										16 x 16 x 7	6900.00	
2800	B	0.02	90	Belt	0.02	Yes										16 x 16 x 7	7900.00		
BST	PR136	B	0.08	55	Direct		10	Yes					Yes	6-10		R	17 x 14 x 6	399.00	
	PR106	B	0.08	55	Direct		10	Yes					Yes	6-10		R	17 x 14 x 6	279.00	
	PR96	B		50	Belt		10	Yes					Yes	6-10		R	17 x 14 x 6	209.00	
CLEARAUDIO	Reference Evolution	B			Belt		Yes	Yes	P/L/S		1.2-3.0 1.2-2.5	No	4.0-14 2.5-8			17 x 17 x 10 17 x 16 x 8	6500.00 2500.00		
DANIELS AUDIO	Saturn	B			Belt												20 x 15 x 10	2880.00	
DENON	DP-47F	B	0.01	78	Direct	0.002	Yes	Yes	P/S	8.7	C/R	0-3	Yes	3-12		R	17 x 7 x 17	650.00	
	DP-23F	B	0.02	75	Direct	0.002	Yes	Yes	P/S	8.7	C/R	0-3	Yes	4-9		R	17 x 5 x 15	425.00	
	DP-7F	B	0.018	75	Direct	0.01	Yes	Yes	P/S	8.7	C/R	1.25	Yes	6		P	15 x 4 x 15	325.00	
	DP-26F	B	0.12		Belt	0.01	Yes	Yes	P	8.1	C/R	3.5	No	6		F	15 x 4 x 14	150.00	
	(w/MM preamp)																		
DUAL	CS-455G	B	0.07	70	Belt	0.012	No	No	P		R	0.5-1	Yes	2-10	150	R	18 x 6 x 15	520.00	
	CS-450G	B	0.07	70	Belt	0.012	No	No	P		C/R	0.5-1	Yes	3-10	150	R	18 x 6 x 15	520.00	
	CS-435S	B	0.08	70	Belt	0.012	No	No	P		C/R	0.5-1	Yes	3-10	180	R	18 x 6 x 15	415.00	
	CS-415-1S	B	0.1	70	Belt	0.02	No	No	P		C/R	1-2.25	Yes	3-10	200	R	18 x 6 x 15	335.00	
ESOTERIC SOUND	MUT RA-6 (w/cartridge)	C	0.18	60	Belt	0.02	7	No	P	8 1/4	R	1.25-3.5	No	6	300	P	17 x 13 x 4	215.00	
	Vintage Ramses (w/cartridge)	C	0.06	70	Belt	0.02	8	No	P	9 1/4	R	1.25-3.5	No	6	250	P	17 x 15 x 4	394.00	
	Ramses II (w/cartridge)	C	0.15	70	Belt	0.02	15	No	P	9 1/4	C	1.25-5	Yes	2-10	200	R	18 x 14 x 6	445.00	
	Aten Broadcast Transcription (w/cartridge)	D	0.15	70	Belt	0.02	15	No	P	9 1/4	C	1.25-5	Yes	2-10	200	R	18 x 14 x 6	485.00	
		C	0.15	70	Belt	0.02	15	No	P	9 1/4	No	1.25-5	No	2-10	200	R	18 x 14 x 6	545.00	
IMMEDIA	RPM-2	B			Belt	1	10	Yes									19 x 15 x 5	From 4995.00	
	RPM-1	B			Belt	1	0	Yes											
JVC	ALA158BK	B	0.04		Belt		Yes	Yes	P/S	8.8	R	1.25				P	5 x 18 x 15	119.95	
KAB ELECTRO-ACOUSTICS	Broadcast Standard Transcriber SLBD78	C	0.025	78	Direct	0.002	8	No	P	9 1/4	No	1-8	Yes	6-10	200	R	18 x 6 x 14	625.00	
		B	0.05	70	Belt	0.05			P	10 1/2		1.5-5	Yes	6.0	200	R	17 x 13 x 5	450.00	
		C	0.06	70	Belt	0.01	6	Yes	P	9 1/4	R	1.25	Yes	6.0	200	P	17 x 4 x 15	299.95	
KENWOOD	KD-492FC	B	0.05	68	Belt		Yes	Yes	P	8 3/4	C		No			F	17 x 15 x 4	120.00	
	KD-291RC	B	0.05	68	Belt		Yes	Yes	P	8 3/4	R		No			F	17 x 15 x 4	80.00	
KUZMA	Stabi Basic	A	0.05	83	Belt	0.08	0.5	No									20 x 17 x 7	1700.00	
	Stabi	B	0.05	83	Belt	0.08	0.5	Yes									20 x 17 x 7	2400.00	
	Stabi Reference	B	0.05	83	Belt	0.08	0.5	Yes									19 x 16 x 6	5500.00	
LINN	LP12	B			Belt	0.03		No									18 x 14 x 6	From 1700.00	
J. A. MICHELL	Mycro Gyrodec MkIII	B	0.05	77	Belt	0.22		No	P				Yes			F	18 x 5 x 13	1395.00	
	Gyrodec MkIII	B	0.05	80	Belt	0.01		No									20 x 6 x 16	1795.00	
	QC PSU Gyrodec MkIII LE	B	0.05	80	Belt	0.01		No									20 x 6 x 16	2545.00	
	Gyrodec MkIII LE	B	0.05	80	Belt	0.01		No									20 x 6 x 16	1995.00	
	QC PSU	B	0.05	80	Belt	0.01		No									20 x 6 x 16	2745.00	
	Orbe	C	0.07	79	Belt	0.67		No									20 x 8 x 16	4200.00	
MUSIC HALL	MMF-2	B	0.15	70	Belt	0.9		No	P	9		1.25-5.25	Yes	2.0-7		F	16 x 13 x 4	299.00	
NAD	533	B			Belt		0	No	P	8 1/4		0.75-3	Yes	0-3	100	F	16 x 4 x 14	449.00	
ONKYO	CP-1400A (w/cartridge)	B	0.045	66	Belt	0.03	Yes	Yes	P	8 3/4	C	2	Yes	5-9		R	17 x 15 x 5	199.95	
OPTIMUS	LAB-1100	B	0.25		Belt		Yes	Yes	P		C/R	2.5-4.5	No			R	14 x 14 x 4	99.99	
OPUS 3	Continuo	B	0.06	86	Belt	0.02		No	L				No	2-10		F	20 x 14 x 8	2595.00	
PINK TRIANGLE	Anniversary Tarantella	C	0.05	80	Belt	0.01	5	Yes									7 x 18 x 18	4795.00	
		B	0.08	78	Belt	0.02	5	Yes									6 x 12 x 12	1295.00	
PIONEER	PL-990	B	0.25		Belt							2.5-4.5					18 x 7 x 16	160.00	



# TURNTABLES

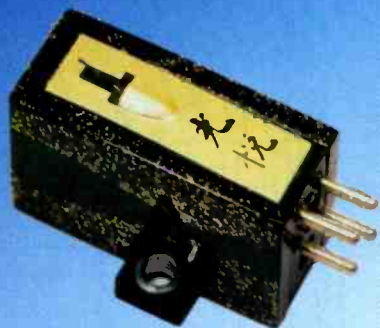
SPEED CODE A—33 1/3 rpm B—33 1/3, 45 rpm C—33 1/3, 45, 78 rpm D—Continuously Variable	MANUFACTURER	Model	Speeds—See Code	Wow & Flutter, % DIN 45-507	Rumble, -dB, DIN 45-539-B	Drive System	Speed Inaccuracy, ±%	Speed Adjustment Range, ±%	Controls Outside Dustcover?	TONEARM										Price, \$
										Type: Pivoted=P, Linear=L, Servo=S, Air-bearing=A	Pivot-to-Stylus Distance, Inches	Auto Cue=C, Auto Return=R	Recommended Tracking Force Range, Grams	Anti-Skating Adjustable?	Cartridge Weight Range, Grams	Total Cable Capacitance, pF	Cartridge Mount: Fixed=F, Removable Shell=R, P-Mount=P	Dimensions, Inches, including Dustcover (To Nearest Inch)		
	PRO-JECT	1.2 6.1 Perspective	B B B	0.15 0.15 0.15	70 70 75	Belt Belt Belt			No No No	P P P	9 1/2 9 1/2 9 1/2			Yes Yes Yes		F F F	17 x 13 x 5 19 x 14 x 7 19 x 14 x 7	395.00 695.00 995.00		
	REGA RESEARCH	Planar 2 (w/RB250 arm) Planar 78 (w/RB250 arm) Planar 3 (w/RB300 arm) Planar 9 (w/RB900 arm)	B † B B			Belt Belt Belt Belt			No No No No	P P P P	9 1/2 9 1/2 9 1/2 9 1/2		0.75-2.5 0.75-2.5 0.75-2.5 0.75-2.5	Yes Yes Yes Yes		120 120 120 80	F F F F	17 x 14 x 6 17 x 14 x 6 17 x 14 x 6 17 x 14 x 6	495.00 495.00 695.00 2595.00	
	ROCKPORT TECHNOLOGIES	Capella II Capella II Limited Edition System III Sirius	B B B	0.02 0.02 .00005	96 96 120	Belt Belt Direct	0.015 0.015 .00002	Yes Yes Yes		A A A	6 1/2 7 7		0.5-3.5 0.5-3.5 0.5-3.5		3-15 3-15 3-15	F F F	24 x 18 x 8 24 x 18 x 8 24 x 19 x 32	7500.00 28,350 53,500		
	ROKSAN AUDIO	Xerxes X TMS	B B	0.02 0.02	80 80	Belt Belt	0.15 0.15	0.2 0.2	Yes Yes									18 x 14 x 6 18 x 15 x 6	From 2750.00 From 4000.00	
	ROTEL	RP955	B	0.03	70	Belt		3	No	P			0.5-3	Yes	3-9	F			599.00	
	SME/SUMIKO	20 MkII 30 MkII	C C			Belt Belt		10 10	Yes Yes									17 x 13 x 7 18 x 14 x 9	8000.00 22,000	
	SONY	PS-LX300H (w/arm) PS-LX56 PS-LX150 PS-J10	B B B B	0.1		Belt Belt Belt Belt		2 2	Yes Yes Yes Yes			R R R						18 x 7 x 14 17 x 14 x 5 14 x 14 x 4 11 x 3 x 12	399.00 100.00 100.00	
	SOTA	Moonbeam Comet Satellite Sapphire Star Nova Cosmos Millennia	B B B C B B B B	0.1 0.1 0.1 0.03 0.03 0.03 0.025 0.03	65 65 65 87 87 87 87 92	Belt Belt Belt Belt Belt Belt Belt Belt	0.1 0.1 0.1 0.02 0.02 0.02 0.02 0.01	No No No 5 5 5 5 5	No No No No No No No No	P P P Opt. Opt.	8 7/8 9			Yes Yes	2.5-10 2.5-10	150 150	F F	6 x 18 x 14 6 x 19 x 15 8 x 21 x 17 8 x 21 x 17 8 x 21 x 17 8 x 21 x 17 8 x 21 x 17 9 x 26 x 15	449.00 699.00 875.00 1595.00 2395.00 2695.00 4500.00 6400.00	
	SYMPHONIC LINE	RG 6 Reference System Adagio	B B			Belt Belt		70 20	Yes Yes									20 x 16 x 3	21,000 4600.00	
	TEAC	PA-400	B	0.12	60	Belt			Yes									14 x 14 x 4	129.00	
	TECHNICS	SL-BD20D SL-BD22 SL-1200MK2	B B B	0.045 0.045 0.025	70 70 70	Belt Belt Direct			Yes Yes Yes									17 x 4 x 14 17 x 4 x 14 18 x 6 x 14	180.00 210.00 700.00	
	THORENS	TD 295 II TD 180 III (w/Stanton 500III cartridge) TD 280 IV (w/Stanton 500III cartridge) TD 318 III TD 320 III TD 520 (w/SME-312 arm) TD 520 (w/SME-3012R arm)	C C B B B C C	0.045 0.045 0.045 0.04 0.04 0.035	70 70 70 72 72 72	Belt Belt Belt Belt Belt Belt		0 0 0	No No No No No No	P P P P P P	C R C C C C			Yes Yes Yes Yes Yes Yes	4-10 4-10 4-10 4-10 4-10 4-10	100 150 150 120 120 120	R F R R R R	6 x 14 x 17 6 x 13 x 17 6 x 13 x 17 7 x 14 x 18 7 x 14 x 18 7 x 18 x 21 7 x 18 x 21	From 999.00 473.00 540.00 925.00 1080.00 5770.00 4680.00	
	J. C. VERDIER	La Platine Verdier	B/ D			String	0.0025	8	Yes									17 x 15 x 9	From 8500.00	
	VPI	HW-19JR HW-19 MKIII HW-19 MKIV Aries TNT Junior TNT Series 2.5 TNT Series 3 TNT-4	B B B B B D D D	0.03 0.03 0.03 0.02 0.02 0.01 0.01	79 79 81 86 84 86 90	Belt Belt Belt Belt Belt Belt Belt	0.05 0.05 0.03 0.02 0.02 0.01 0.01	No No No No No No No										22 x 17 x 6 22 x 17 x 6 22 x 17 x 7 22 x 16 x 5 25 x 19 x 8 25 x 19 x 8 25 x 19 x 8 32 x 19 x 8	650.00 1250.00 1850.00 2200.00 2800.00 4200.00 5000.00 6400.00	
	WELL TEMPERED LAB	Record Player Classic Super Reference	B B B B			Belt Belt Belt Belt				P P P P	9.2 9.2 9.2 9.2		0.75-2.5 0.75-2.5 0.75-2.5 0.75-2.5	No Yes Yes Yes			F F F F	19 x 16 x 6 19 x 16 x 7 19 x 16 x 7 19 x 16 x 7	1695.00 2795.00 3695.00 4995.00	
	WILSON BENESCH	ACT 2 (w/external power supply) Circle	B B	0.058 0.08	78 78	Belt Belt	0.01 0.02	3 Yes	Yes Yes	P P	9 1/4		1-3 1.25-4	Yes Yes	4-16 1-10	220 300	F F	19 x 15 x 6 12 x 12 x 6	6395.00 2995.00	



# TONEARMS

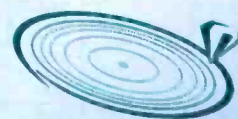
MANUFACTURER	Model	Type: Air-Bearing=A, Pivoted=P, Linear=L	Cartridge Mount: Fixed-F, Removable Shell=R	Changeable Wand=W	Cueing?	Anti-Skating Adjustment?	Adjustable Vertical Tracking Angle?	Pivot-to-Stylus Distance, inches	Overall Length, inches	Maximum Tracking Error, Degrees per Inch	Recommended Tracking Force Range, Grams	Cartridge Weight Range, Grams	Total Cable Capacitance, pF	Mounting Hole Diameter, inches	Price, \$	Notes
AUDIO CRAFT	AC-3300 AC-4400	P P	W W	Yes Yes	Yes Yes	Yes Yes	9 1/4 13 1/4			0.5-2.7 0.5-2.7		60 60	1 1/2 1 1/2	1500.00 1800.00	Unipivot design.	
AUDIOMECA	SL5	L	R	Yes		Yes	8	9.8							3495.00	
AUDIOQUEST	PT-6 PT-7 PT-8	P P P	F F F	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	8 1/4 8 1/4 8 1/4	11 11 11		0-3 0-3 0-3	3-12 3-12 3-12	72 118 125	1 1/4 1 1/4 1 1/4	495.00 625.00 750.00	Adjustable viscous damping. As above. As above.	
BASIS AUDIO	Basis RB250 Basis RB300  Basis RB900  Vector	P P  P	F F  F	Yes Yes  Yes	Yes Yes  Yes	Yes Yes  Yes	9 1/2 9 1/2  9 1/2	11 1/8 11 1/8  13 1/2		0.75-2.5 0.75-2.5  0.75-2.5		120 120  80		400.00 600.00  1200.00	With Basis 1400 turntable, \$200.00. With Basis 1400 turntable, \$400.00; with Basis 2000 Series H turntable, \$500.00. With Basis 1400 turntable, \$1000.00; with Basis 2000 Series H turntable, \$1100.00.	
DENNESEN	ABL-1	A	W	Yes		Yes	Adj.	12	0	Adj.	Any	100			2000.00	
EMINENT TECHNOLOGY	2.5	A	W	Yes		Yes	7 3/8	10 3/4	0	0-5	0-16	22			2500.00	Includes air pump; optional fluid damping, \$95.00.
GRAHAM ENGINEERING	2 Basic  2 Deluxe 2L Basic 2L Deluxe	P  P P P	W  W W W	Yes  Yes Yes Yes	Yes  Yes Yes Yes	Yes  Yes Yes Yes	9 1/4  9 1/4 9 1/4 9 1/4	11 1/2  11 1/2 11 1/2 11 1/2	1  1 1 1	0.9-3  0.9-3 0.9-3 0.9-3	4-20  4-20 4-20 4-20	140  140 140 140	1 1/2  1 1/2 1 1/2 1 1/2	2250.00  3000.00 2250.00 3000.00	Tungsten bearing housing; fine and coarse VTA scales; with SW-3 ceramic armtube, \$2650.00; upgradable to Deluxe model. Tungsten side weights; includes gauges and tools. Mass optimized for Linn LP-12; with SW-3 ceramic armtube, \$2650.00. Tungsten side weights; includes gauges and tools.	
IMMEDIA	RPM-2	P	F	Yes	Yes	Yes	10	13 1/2			0-13		1/4		2495.00	Unipivot bearing.
KUZMA	Stogi Stogi Reference	P P	F F	Yes Yes	Yes Yes	Yes Yes	9 1/8 9 1/8	10 3/4 10 3/4	2 2	1-3 1-3		300 300	1 1/4 1 1/4	1200.00 1850.00		
LINN	Ekos Akito		F F	Yes Yes	Yes Yes		9 9				3-9 2-10			2595.00 850.00		
MÖRCH	UP-4  DP-6 DP-6T	P  P P	W  W W	Yes  Yes Yes	Yes  Yes Yes	Yes  Yes Yes	9 1/8  9 1/8 12 1/8	11 3/4  11 3/4 14 3/4		0.75-3  0.75-3 1.0-3.5	3-15  3-15 2-15	128  128 128	7/8  7/8 7/8	745.00  From 1290.00 From 1950.00	Copper wire; with silver wire, \$795.00; choice of six armtubes; unipivot. Armtube choice as above; dual bearings. Continuous VTA adjustment.	
NAIM AUDIO	ARO	P	W	No	Yes	Yes	9	11 1/2			5.5-12		3/4		2200.00	Unipivot design.
OPUS 3	Cantus	L	F	Yes	No	No			1.3						995.00	
PINK TRIANGLE	Brava	L	W	Yes		Yes	8 3/4	3		0.75-3.0	5-12	260	7/8		1995.00	
REGA RESEARCH	RB900 RB300 RB250	P P P	F F F	Yes Yes Yes	Yes Yes Yes	No No No	9 1/2 9 1/2 9 1/2	11 1/8 11 1/8 11 1/8		0.75-2.5 0.75-2.5 0.75-2.5		80 120 120		995.00 425.00 325.00		
ROCKPORT TECHNOLOGIES	Series 7000	A	F	Yes		Yes	6 1/2	9 1/2	0	0.5-3.5	3-15				6750.00	Adjustable viscous damping.
ROKSAN AUDIO	Tabriz Tabriz 21 Artemiz	P P P	F F F	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	8.76 8.76 8.76	11.4 11.4 11.4	1.7 1.7 1.7	1.2-3.0 1.5-3.0 1.5-3.0	4-12 4-12 4-12	200 150 150	0.9 0.9 0.9			
SME/ FLAT EARTH AUDIO	Series II Imp. Model 3009 Series II Imp. Model 3009/S2 Series II Imp. Model 3009-R Series II Imp. Model 3010-R Series II Imp. Model 3012-R	P P P P P P	F R R R R	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	9.1 9.1 9.18 9.42 12.16	0.31 0.31 0.31 0.3 0.23	0-1.5 0-1.5 0-5.0 0-5.0 0-5.0		4-9 4-9 0-32.5 0-31.5 0-25	83 83 83 83 83		475.00 515.00 785.00 805.00 865.00	6.5-gram effective mass. 9.5-gram effective mass. 12.7-gram effective mass. 12.8-gram effective mass. 14-gram effective mass.	
SME/SUMIKO	Series 309  Series IV,Vi Series V	P  P P	R  F F	Yes  Yes Yes	Yes  Yes Yes	Yes  Yes Yes	9 1/8  9 1/8 9 1/8	11 1/8  11 1/8 11 1/8		0-3  0-3 0-3	4-18  4-18 4-18	140  140 140	1 1/8 x 2 3/4 1 1/8 x 2 3/4 1 1/8 x 2 3/4	1450.00  2750.00 3200.00	ABEC-3 bearings; damped aluminum casting. ABEC-7 bearings; damped magnesium casting; adjustable static tracking. Bearings and casting as above; adjustable dynamic and static tracking.	
TRIPLANAR	Triplanar IVi	P	F	Yes	Yes	Yes	9 3/4	12	0.3	0.75-2.5	4-25				From 2495.00	Azimuth and VTA adjustable; silicone damping trough; aluminum armtube; with black anodized armtube, Triplanar V, from \$2550.00.
VPI	JMW-10 JMW-12	P P	W W	Yes Yes		Yes Yes	10 12	12 1/2 14 1/2	1.62 0.94		4-14 5-16			2300.00 2800.00	Unipivot bearing.	
WELL TEMPERED LAB	Record Player Classic Reference	P P P	F F F	Yes Yes Yes	No Yes Yes	Yes Yes Yes	9.2 9.2 9.2	12.2 12.2 12.2		0.75-2.5 0.75-2.5 0.75-2.5				795.00 1095.00 1795.00	Azimuth adjustable; damped. As above. As above.	

# Take One Home for a Spin



**Benz**  
**Basis**  
**Shakti**  
**Winds**  
**Koetsu**  
**Graham**  
**Aesthetix**  
**Transfiguration**  
**Record Research Lab**

Pictured clockwise from left to right: Koetsu Urushi, Transfiguration Esprit, Benz Micro Glider, Graham Model 2 tonearm, Basis 2500 turntable



Musical Surroundings, Inc.  
5856 College Ave., #146,  
Oakland, CA 94618  
510.420.0379 Fax 510.420.0392  
email: [info@musicalsurrroundings.com](mailto:info@musicalsurrroundings.com)  
photo courtesy Fi Magazine 1-800-779-4434



# PHONO CARTRIDGES

MANUFACTURER	Model	Frequency Response, Hz to kHz, ±dB	Principle: Moving Iron=MI, Induced Magnet=IM, Moving Magnet=MM	Individual Response Curve Supplier?	Channel Separation at 1 kHz, dB	Channel Separation at 10 kHz, dB	Output at 1 kHz, mV/5 cm/Second rms Lateral Velocity	Recommended Tracking Force Range, Grams	Recommended Load Capacitance, pF	Stylus Type—See Code	Stylus Radius (Radius), Mils	Dynamic Compliance, μm/rms Vertical/Lateral	Stylus Replacement: User=U, Factory=F	Mounting: Integral Shell=I, P-Mount=P, Standard=S	Weight, Grams	Price, \$	Replacement Stylus Price, \$	
GRADO REFERENCE PRODUCTS	Platinum	10-60	Flux Bridge	No	40	35	4.5	1.5		E			F	S	6.5	300.00	200.00	
	Sonata	10-60	Flux Bridge	No	40	35	4.5	1.5		E			F	S	6.5	500.00	330.00	
	Master	10-60	Flux Bridge	No	40	35	4.5	1.5		E			F	S	6.5	800.00	530.00	
	The Reference	10-60	Flux Bridge	No	40	35	4.5	1.5					F	S	6.5	1200.00	800.00	
IMMUTABLE MUSIC	Transfiguration Temper Supreme	10-20 ±1.5	MC	Yes	30	30	0.35	1.7-2		X	0.3 x 0.8	15/15	F	S	7.5	3800.00	1600.00	
	Transfiguration Spirit	10-20 ±1.5	MC	Yes	27	27	0.56	1.8-2.2		X	0.3 x 0.8	12/12	F	S	7.8	1500.00	800.00	
	Transfiguration Esprit	10-20 ±1.5	MC	Yes	27	27	2.1	1.8-2.2		X	0.3 x 0.8	12/12	F	S	7.8	1500.00	800.00	
KAB ELECTRO-ACOUSTICS	KSL500 (78-rpm or mono LP)	10-17	MM	No	25		10	4.0	275	S	2.7 x 2.7, 0.7 x 0.7		U	P	10	55.95	34.00	
	KS500-27 (78-rpm only) Custom styli for KS500-27:	10-17	MM	No	25		10	3-7	275	S	2.7 x 2.7	10/10	U	S	6	44.95	34.00	
	D2.5E 1940-55		MM					3-7		E	0.7 x 2.5	10/10	U	U			89.00	
	D3.3E 1925-40		MM					3-7		E	0.7 x 3.3	10/10	U	U			89.00	
	D3.5E 1900-25 Transcription styli for KS500-27:		MM					3-7		E	0.7 x 3.5	10/10	U	U			89.00	
D2.0E D2.3E		MM					3-7		E	0.7 x 2.0 0.7 x 2.3	10/10 10/10	U	U			89.00 89.00		
KOETSU	Onyx Platinum Signature	20-100	MC	No	30		0.2	1.8-2.0		X			F	S		7500.00	2800.00	
	Rosewood Signature	20-100	MC	No	30		0.2	1.8-2.0		X			F	S		5500.00	2200.00	
	Platinum Urushi	20-100	MC	No	30		0.6	1.8-2.0		X			F	S		4000.00	1800.00	
	Rosewood Signature	20-100	MC	No	30		0.6	1.8-2.0		X			F	S		3500.00	1300.00	
	Standard (Red)	20-100	MC	No	30		0.6	1.8-2.0		X			F	S		2500.00	1100.00	
LINN	New Arkiv Klyde K9	20-20 ±1 20-20 ±2	MC MC MM	No No	30 30		0.4 0.15 1.7 1.7	1.8-2.0		E E		10/10 12/12	F U	S S	7.2 8 7	2200.00 1195.00 350.00		
	Jubilee Super Gold	20-40 ±3 20-40 ±3	IM IM	No No	30 25	30 25	5 5	1.6 1.6	220 220	M M		15/15 15/15	F F	S S	10 6.7 6.7	1750.00 850.00 700.00	390.00 250.00 200.00	
	Gold	20-40 ±3	IM	No	25	25	5	1.6	220	E		15/15	F	S	6.7	700.00		
LYRA	Lydian Beta	10-50	MC	No	35	35	0.5	1.6-1.8		X			F	S	9.5	995.00	600.00	
	Clavis da Capo	10-50	MC	No	35	35	0.25	1.6-1.8		X			F	S	9.5	1895.00	1395.00	
	Parnassus da Capo	10-50	MC	No	35	35	0.25	1.6-1.8		X			F	S	10.5	3495.00	1850.00	
JOHN MAROVSKIS	JMAS MIT-1	10-10 ±1	MC	No	25	20	0.25	2.25-2.5	500	V	0.2 x Line	/16	F	S	5.5	750.00	375.00	
MERIDIAN	502MC		MC													250.00		
	502MM IA30		MM													250.00 685.00		
ORTOFON	MC-Rohmann	20-20 ±2	MC	No	25	15	0.25	2.5		X	0.45 x 1	12/12	F	S	9	1600.00	1120.00	
	MC2000 II	20-40	MC	Yes	25		0.125	2-2.5		X	0.5 x 0.9	13/13	F	S	9.5	1450.00	1015.00	
	MC25 FL	20-30	MC	No	25		0.5	1.8-2.2		X	0.18 x 0.4	16/16	F	S	10.5	450.00	315.00	
	MC7500	20-20 ±2	MC	Yes	25	18	0.13	2-3		X	0.45 x 0.1	12/12	F	S		2800.00	1960.00	
	MC5000	20-20	MC	No	25		0.14	2.2-2.7		X	0.5 x 0.1	12/12	F	S	9.5	2200.00	1540.00	
	MC3000MII	+2.5,-0 20-20	MC	No	25		0.15	1.7-2.2		X	0.5 x 0.1	13/13	F	S	9.5	1850.00	1295.00	
	MC30 Super II	+2.5,-0 20-20 ±4,-1	MC	No	25		0.2	1.6-2.0		X	0.5 x 0.8	16/16	F	S	10	850.00	595.00	
	MC20 Super II	20-20 ±4,-1	MC	No	25		0.2	1.6-2		X	0.5 x 0.8		F	S		700.00	490.00	
	MC15 Super II	20-25	MC	No	25		0.35	2-2.4		X	0.8 x 0.4	15/15	F	S	7	225.00	160.00	
	MC10 Super II	20-20 ±4,-1	MC	No	25		0.2	1.6-2.0		X	0.5 x 0.7	15/15	F	S	10	525.00	368.00	
	MC3 Turbo	20-40 ±3,-1	MC	No			3.3	1.8-2.2		X		13/13	F	S	5	250.00	175.00	
	MC1 Turbo	20-30 ±3,-1	MC	No			3.3	1.8-2.2		X		13/13	F	S	5	150.00	110.00	
	X5 MC	15-35 ±4,-1	MC	No			2.2	1.7-2.2		X		12/12	F	S	5	300.00	228.00	
	X3 MC	20-40 ±3,-1	MC	No			2.2	1.7-2.2		X		13/13	F	P/S	5	250.00	175.00	
	X1 MC	20-30 ±3,-1	MC	No			2.2	1.7-2.2		X		13/13	F	P/S	5	135.00	95.00	
	OM30 Super	20-20 ±2,-0	MM	No	25		4	1.0-1.5	300		X	0.4 x 0.8	40/35	U	P/S	5	250.00	140.00
	OM20 Super	20-20 ±2,-1	MM	No	25		4	1.0-1.5	300		E	0.18 x 0.8	35/30	U	P/S	5	175.00	90.00
	OM10 Super	20-20 ±3,-1	MM	No	22		4	1.25-1.75	300		E	0.18 x 0.8	30/25	U	P/S	5	80.00	35.00
	OM5E	20-20	MM	No	22		4	1.25-1.75	300		E		25/25	U	P/S	5	55.00	30.00
	OM3E	+3,-1.5 20-20 ±3,-2	MM	No	20		4	1.25-1.75	300		X		25/25	U	P/S	5	40.00	30.00
TM20UD	20-20 ±3,-1	MM	No	25		3.5	1.0-1.5	400		X		35/35	U	P/S	6	149.00	90.00	
TM14U	20-20	MM	No	20		4.5	1.0-1.5	400		E		30/30	U	P/S	6	89.00	35.00	
TM7	20-20	MM	No	20		5	1.0-1.5	400		E		30/30	U	P/S	6	60.00	30.00	
PICKERING	XSV/500 MKIIS	10-50	MM	No	35		3.8	0.75-1.5		X	0.3 x 2.8		U	S	5.6	381.00	106.00	
	TL-3S	10-25	IM	No	35		4.4	0.75-1.5		X	0.3 x 2.8		U	P/S	5.6	206.00	58.00	
	TLE	10-20	MM	No	28		4.4	1-1.5		E	0.3 x 0.7		U	P/S	5.9	84.00	29.00	
	XV-15/625E	10-25	IM	No	35		4.4	0.75-1.5		E	0.3 x 0.7		U	S	6.3	163.00	40.00	
	XV-15/150DJ	10-20	IM	No	28		8.0	0.7		E	0.3 x 0.7		U	S	6.3	108.00	22.00	
	XV-15/150DJP (w/2 styli)	20-20	IM	No	28		4.4	0.7		S	0.7		U	S	5.5	160.00	56.00	
	XV-15/625DJ	20-20	IM	No	30		4.4	0.7		E	0.7		U	S	5.5	234.00	109.00	
	PLUTO AUDIO	Pluto One	15-30	MC	Yes	32	28	0.45	1.35-1.5		V			F	S	16	6395.00	
RADIO SHACK	Radio Shack/ Stanton RSS500DJ	20-20	MM	Yes	28			2.5		S						35.00		
	Radio Shack/ Shure RXP3	20-20	MM	Yes	29			1.25-1.75		E	0.2 x 0.7		U	P		34.99		







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# HEADPHONES

MANUFACTURER	Model	Operating Principle	Frequency Range, Hz to kHz	Impedance, Ohms	Sensitivity, dB SPL, for 1 mW Input	THD at 95 dB SPL, %	Cord Length, Feet	Cord Style: Flat-F, Coiled=C, Round=R	Plug Type: 3.5-mm Mini=M, 1/4-Inch Phone=P, Adaptor Included=A	Individual Volume Controls?	Circumaural=C, Supra-Aural=S, Open-Air Design=O, In-Ear=I	Headband: None (Fits in Ear)=N, Adjustable=A, Folding=F	Cover Material on Ear Cup	Weight, Ounces	Price, \$	Notes
AIWA	HP-XV313	Dynamic	5-23				16	A	No	C	A	Vinyl		60.00		
	HP-X311	Dynamic	5-23				10	A	No	C	A	Vinyl		35.00		
	HP-X211	Dynamic	15-20				10	A	No	C	F	Vinyl		25.00		
	HP-X111	Dynamic	15-20				10	A	No	C	A	Vinyl		18.00		
	HP-A371	Dynamic	10-22				7	A	No	O	A	Foam		25.00		
	HP-AV085	Dynamic	20-20				16	A	No	O	A	Foam		15.00		
	HP-A181	Dynamic	20-20				7	A	No	O	A	Foam		12.00		
	HP-A083 HP-081	Dynamic Dynamic	20-20 20-20				4 4	A A	No No	O O	A A	Foam Foam		12.00 8.00		
AKG	K301	Dynamic	20-25	100	94	0.3†	10	R		No	C/O	A	Sim. Leather	7.8	169.20	†At 94 dB SPL.
	K401	Dynamic	18-28	120	94	1.0†	10	R		No	C/O	A	Cloth	7.8	196.80	
	K501	Dynamic	16-30	120	94	1.0†	10	R		No	C/O	A	Cloth	7.8	238.00	
	K290S	Dynamic	20-20	120	92	2.0†	20	R		No	C	A	Sim. Leather	10	334.00	Surround.
	K1000	Dynamic	30-25	120	74					No	††	A			1528.00	††Open-air, pivoting transducers held away from ear.
AUDIO-TECHNICA	ATH-M2X	Dynamic	20-20	4-16	100		11.5	F	M/A	No	C	A	Vinyl	4	39.95	
	ATH-M3X	Dynamic	20-21	4-16	100		11.5	F	M/A	No	C	A	Vinyl	5	49.95	
	ATH-908	Dynamic	20-20	40	90		9.8	F	M/A	No	C	A	Vinyl	6.9	95.00	
	ATH-910	Dynamic	20-22	40	92		9.8	F	M/A	No	C	A	Vinyl	7.2	115.00	
BEYERDYNAMIC	DT911	Dynamic	5-35	250	98	0.2	12	C	M/A	No	C/O	A	Felt		249.00	
	DT531	Dynamic	10-30	250	95	0.2	12	C	M/A	No	C/O	A	Felt		179.00	
	DT2000	Dynamic	15-20	40	86	0.3	12	C	M/A	No	C/O	A	Felt		129.00	
	DT331	Dynamic	20-20	40	86	0.3	12	C	M/A	No	C/O	A	Felt		99.00	
	DT131	Dynamic	20-18	40	96	0.2	7	C	M/A	No	S/O	A	Cloth		49.00	
	DT990 PRO	Dynamic	5-35	600	96	0.2	12	C	P	No	S/O	A	Felt		169.00	
	DT770 PRO	Dynamic	5-35	600	96	0.2	12	C	P	No	C/O	A	Felt		169.00	
	DT250	Dynamic	10-30	80	100	0.3	7	R	P/A	No	C/O	A	Felt		199.00	
	DT150	Dynamic	5-30	250	97	0.3	7	R	P	No	C/O	A	Sim. Leather		179.00	
	DT831	Dynamic	5-35	600	98	0.2	12	C	P/A	No	C	A	Felt		240.00	
	DT931	Dynamic	5-35	600	98	0.2	12	C	P/A	No	C/O	A	Felt		319.00	
DENON	AH-D950	Dynamic	2-31	30	106		10	F	M/A	No	C	A	Vinyl	9	165.00	
	AH-D750	Dynamic	2-30	30	106		10	F	M/A	No	C	A	Vinyl	9	135.00	
	AH-D650	Dynamic	3-29	35	106		10	F	M/A	No	C	A	Vinyl	7	100.00	
	AH-D550	Dynamic	3-28	35	106		10	F	M/A	No	C	A	Vinyl	7	80.00	
	AH-D350	Dynamic	3-26	32	104		10	F	M/A	No	C	A	Vinyl	7.5	65.00	
	AH-D210	Dynamic	5-26	32	104		10	F	M/A	No	C	A	Vinyl	5.6	55.00	
	ELECTRONIC VISIONARY SYSTEMS	EVS-1	Dynamic	12-39	300	97	0.1	10	R	P	No	C/O	A	Velvet	9.2	150.00
ERGO	Mod 1	Dynamic	28-20	100	95	0.4	10	F	P	No	O	A	Plastic	13	195.00	
	Mod 2	Dynamic	20-20	100	96	0.3	10	F	P	No	O	A	Plastic	13	250.00	
	AMT	†	20-20	3	100	0.2	10	F	P	Yes	O	A	Plastic	22	995.00	†Air Motion Transformer. Includes amp.
ETYMÖTIC RESEARCH	ER-4S	Dynamic	20-16	100	98	1.5†	4	R	M/A	No	I	N		1	330.00	†At 100 dB.
GRADO LABORATORIES	SR40	Dynamic	20-18	32	94		9	R	M/A	No		A	Foam	6	39.95	
	SR60	Dynamic	20-20	32	94		7	R	M/A	No		A	Foam	7	69.00	
	SR80	Dynamic	20-20	32	94		7	R	M/A	No		A	Foam	8	95.00	
	SR125	Dynamic	20-20	32	94		7	R	P	No		A	Foam	8	150.00	
	SR225	Dynamic	20-22	32	94		7	R	P	No		A	Foam	8	200.00	
	SR325	Dynamic	18-24	32	96		7	R	P	No		A	Foam	11	295.00	
	GRADO REFERENCE PRODUCTS	RS1	Dynamic	12-30	32	98		7	R	P	No		A	Foam	9	695.00
RS2		Dynamic	14-28	32	98		7	R	P	No		A	Foam	8	495.00	As above.
JVC	HA-W100RF	Dynamic	50-12			4†			A		C	A	Plastic	11	99.95	RF wireless; 160-foot range. †At 1 kHz.
	HA-D990	Dynamic	5-27	65	106			R	P	No	C	A	Plastic	8.5	149.95	
	HA-D810	Dynamic	5-26	32	104			R	M/A	No	C	A	Plastic	6.9	79.95	
	HA-D727	Dynamic	15-24	32	106			R	M/A	No	S	A	Plastic	7.1	69.95	
	HA-D626	Dynamic	16-23	32	107			R	M/A	No	S	A	Plastic	6	44.95	
	HA-D525	Dynamic	18-22	32	103			R	M/A	No	S	A	Plastic	6.7	39.95	
	HA-D50	Dynamic	8-24	56	107			R	A	No	C	A	Plastic	10	69.95	
	HA-D40	Dynamic	16-23	32	103			R	A	No	C	A	Plastic	9	54.95	
	HA-D30	Dynamic	18-22	32	102			R	A	No	C	A	Plastic	8	39.95	
	HA-D20	Dynamic	16-22	32	93			R	A	No	C	A	Plastic	5.6	34.95	
	HA-D15	Dynamic	15-23	32	104			R	A	No	C	A	Plastic	4.5	24.95	
	HA-CD88	Dynamic	14-22	32	102			R	M/A	No	O	A	Foam	1.4	34.95	
	HA-CD70F	Dynamic	8-22	32	98			R	M	No	O	F	Plastic	1.7	24.95	
	HA-CD57	Dynamic	15-25	32	100			R	M	No	O	F	Plastic	1.5	11.95	
	HA-33	Dynamic	17-25	32	100			R	M	No	O	F	Foam	1.5	7.95	
	HA-V550	Dynamic	8-20	32	103			R	A	No	O	S	Plastic	4.3	34.95	
	HA-P75	Dynamic	10-23	32	108			R	M	No	S	F	Plastic	4.4	44.95	
	HA-F67	Dynamic	16-22	16	100			R	M	No	I	N	Foam	0.21	16.95	
	HA-F65	Dynamic	16-20	16	105			R	M	No	I	N	Foam	0.21	34.95	
	HA-F47	Dynamic	16-22	16	100			R	M	No	I	N	Foam	0.21	14.95	
	HA-F27	Dynamic	16-22	16	100			R	M	No	I	N	Foam	0.21	9.95	



"The magic of the HD 600s  
is their midrange—a purity of tone...  
that is quite special."  
—Sam Tellig, *Stereophile*  
February 1998



"WP, KR, and ST are unanimous  
in calling these the best dynamic  
headphones they've ever heard."  
—*Stereophile Recommended Component*  
April 1998

## **makes raves**

The Sennheiser HD 600 is, quite simply, the finest dynamic headphone ever created. With its exceptionally smooth frequency response, remarkable clarity, and unparalleled comfort, it virtually speaks for itself. It's reassuring to know, of course, that everyone else seems to agree with what it has to say.

"...the Sennheiser HD 600s  
are a must-audition product—  
even, dare I suggest, a must-own."  
—Wes Phillips, *Stereophile*  
February 1998

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Manufacturing Plant: Am Labor 1, 30900 Wedemark, Germany

# HEADPHONES

MANUFACTURER	Model	Operating Principle	Frequency Range, Hz to kHz	Impedance, Ohms	Sensitivity, dB SPL, for 1 mW Input	THD at 95 dB SPL, %	Cord Length, Feet	Cord Style: Flat=F, Coiled=C, Round=R	Plug Type: 3.5-mm Mini=M, 1/4-inch Phone=P, Adaptor Included=A	Individual Volume Controls?	Circumaural=C, supra-aural=S, Open-Air Design=O, In-Ear=I	Headband: None (Fits in Ear)=N, Adjustable=A, Folding=F	Cover Material on Ear Cup	Weight, Ounces	Price, \$	Notes
KENWOOD	KPM-210	Dynamic	20-20	32	102	8	F	M/A	Yes	C	A	Plastic		20.00	Noise-cancelling circuitry.	
	KPM-310	Dynamic	20-20	32	102	10	F	M/A	Yes	C	A	Plastic		30.00		
	KPM-410	Dynamic	20-21	32		10	F	M/A	Yes	C	A	Plastic		50.00		
	KPM-510	Dynamic	20-20	32	100	10		M/A	No	C	A	Plastic		80.00		
	KPM-810		20-20	32		5	C	M/A	Yes	C	A	Plastic		100.00		
	KPM-10		20-20	32	90	4		M	M	Yes	I	N/F	Leather			9.99
	KPM-30		20-20	32	90	4		M	M	No	I	F	Plastic			9.99
KPM-50	20-20	32	102	4		M	M	No	I	F	Plastic		14.99			
KPM-100	20-18	32	101	4		M	M	No	C	F	Plastic		9.99			
KLH AUDIO SYSTEMS	KHP102	Dynamic	20-20	32	102	6	R	M/A	No	S	A	Foam Sim.	0.75	19.95	Includes wind-up earbuds and case.	
	KHP200V	Dynamic	20-20	32	105	9	R	M/A	Yes	S	A	Leather Sim.	1.3	29.95		
	KHP201TW	Dynamic	20-20	32	105	9	R	M/A	Yes	S	A	Leather Sim.	1.3	39.95		
	KHP420V	Dynamic	20-25	64	106	9	R	M/A	Yes	S	A	Leather Sim.	1.3	59.95		
KHP500S	Dynamic	20-22	32	103	9	R	M/A	Yes	S	A	Leather Sim.	1.3	69.95	Surround circuitry.		
KOSS	ESP950	Electrostatic	8-35	100k	104	0.01	10	F	A	Yes	C/O	A		12.5	800.00	Two detachable cords. As above.
	KTX/4	Dynamic	40-20	32	95	0.3	4	F	M		O	A		2.6	14.99	
	KTX/2	Dynamic	60-20	32	90	1	4	F	M		O	A		1.9	9.99	
	A/250	Dynamic	16-25	60	98	0.1	8	F	P/A		C/O	A		9.1	250.00	
	A/200	Dynamic	18-25	60	98	0.1	8	F	P/A		C/O	A		7.9	200.00	
	A/130	Dynamic	16-23	60	98	0.1	8	F	P/A		C	A		8.1	150.00	
	R/200	Dynamic	18-23	60	84	0.3	8	C/R	M/A		C/O	A		7.6	90.00	
	R/100	Dynamic	16-22	60	85	0.2	8	C/R	M/A		C	A		7.6	90.00	
	R/90	Dynamic	18-23	60	100	0.3	8	C/R	M/A		C/O	A		7.5	70.00	
	R/80	Dynamic	16-22	60	101	0.2	8	C/R	M/A		C	A		7.4	70.00	
	R/45	Dynamic	20-22	60	85	0.2	4.5	F	M/A		S/O	A		5.5	60.00	
	R/40	Dynamic	18-20	60	90	0.1	4.5	F	M/A		S	A		5	55.00	
	R/35	Dynamic	20-22	60	101	0.2	8	F	M/A		S/O	A		5.3	50.00	
	R/30	Dynamic	18-20	60	106	0.1	8	F	M/A	Yes	S/O	A		5	50.00	
	R/20	Dynamic	20-22	60	101	0.2	8	F	M/A		S/O	A		5	45.00	
	R/10	Dynamic	30-22	60	103	0.1	8	F	M/A		S/O	A		5	45.00	
	TD/80	Dynamic	20-17	60	98	0.02	10	C/R	M/A		S	A		4.5	40.00	
	TD/65	Dynamic	20-17	90	101	0.2	8	F	M/A		S	A		10	50.00	
	TD/61	Dynamic	25-15	38	94	0.5	8	F	M/A		C	A		9	30.00	
	HD/2	Dynamic	20-20	60	100	0.3	8	F	M/A		C	A		5.4	25.00	
	HD/33	Dynamic	60-20	32	91	1	4	F	M/A		S/O	A		3.4	30.00	
	Porta Pro	Dynamic	15-25	60	101	0.2	4	F	M/A		S/O	A		3.4	15.00	
	Porta Pro Jr.	Dynamic	15-25	60	101	0.2	4	F	M/A		S/O	A		2.8	50.00	
	KSC/35	Dynamic	15-25	60	101	0.2	4.5	F	M/A		S/O	A		2.8	40.00	
	KSC/20	Dynamic	20-20	16	98	1	4	F	M/A		N	N		1.3	35.00	
	KSC/19	Dynamic	20-20	16	98	1	4	F	M/A		N	N		0.6	20.00	
	GT/5	Dynamic	20-20	60	96	0.2	8	F	M/A		I	N		0.6	20.00	
	LS/9	Dynamic	30-20	32	84	1	3.6	F	M		I	A		4.7	30.00	
	LS/7	Dynamic	20-20	32	92	1	8	F	M		I	A		1	20.00	
	LS/6	Dynamic	20-20	32	92	1	3	F	M		I	A		1	15.00	
	SP/7	Dynamic	20-20	32	92	1	4	F	M		I	N		1	12.00	
	SP/5	Dynamic	20-20	32	92	1	4	F	M		I	N		0.8	12.00	
	QZ/2000	Dynamic	15-20	5k			4	F	M		I	A		0.5	8.00	
	QZ/99	Dynamic	40-20	60	102	0.3	8	C/R	M/A		O	A		2.8	200.00	
	TC/99	Dynamic	15-25	60	101	0.2	8	F	M		O	A		15	59.99	
	TC/45	Dynamic	15-25	60	101	0.2	8	F	M		O	N			100.00	
	R/70B	Dynamic	15-25	60	101	0.2	8	F	M/A		O	N			35.00	
	R/65B	Dynamic	20-22	60	101	0.2	8	F	M/A		S/O	A		5.6	65.00	
	R/60B	Dynamic	18-20	60	106	0.1	8	F	M/A		S	A		5.4	60.00	
	R/55B	Dynamic	18-20	60	106	0.1	8	F	M/A		S	A		5.2	55.00	
	R/50B	Dynamic	20-20	60	101	0.2	8	F	M/A		S/O	A		5.1	55.00	
	SB/50	Dynamic	30-20	60	103	0.1	8	F	M/A		S	A		5.1	50.00	
	SB/30	Dynamic	15-25	60	101	0.2	8	F	M/A		S/O	N		1.5	50.00	
	SB/20	Dynamic	20-17	100	100	0.2	8	F	M/A		C/O	A		10.5	49.99	
	SB/10	Dynamic	20-20	60	100	0.3	8	F	M/A		C	A		3.5	39.99	
SB/35	Dynamic	60-20	32	91	1.5	8	F	M/A		S/O	A		3.5	20.00		
SB/25	Dynamic	15-25	60	101	0.2	8	F	M/A		S/O	N		1	35.00		
SB/15	Dynamic	20-17	100	100	0.2	8	F	M/A		S/O	A		8.86	45.00		
JR/900	Dynamic	20-20	60	100	0.3	8	F	M/A		C	A		2.5	35.00		
HB/500	Dynamic	20-20	20-20		0.2	1				S	A		10	400.00	RF wireless.	
													7.5	120.00	Infrared; wireless.	
LARAL GROUP	IR1000	Dynamic	35-18	40	0.5			M	Yes	O	A	Foam		59.95	Infrared; wireless; multimedia.	
	3000IR	Dynamic	50-14	40					Yes	O	A			34.95	Infrared; wireless.	
	3500IR	Dynamic	35-16	60					Yes	O	A			39.95	As above.	
	4000IR	Dynamic	35-18	40	0.5			M	Yes	O	A	Foam Sim.		49.95	As above.	
	6000IR	Dynamic	35-18	40	0.5			M	Yes	O	A	Leather		59.95	As above.	
NOISE CANCELLATION TECHNOLOGIES	Noise Buster Extreme	Dynamic	20-20	100	103	1	2.6	R	A	Yes	S	A	Vinyl	4	60.00	Adjustable active noise cancellation.
ONKYO	DP-600	Dynamic	4-28	600	92	10	R	P	No	C	A	Leather	6 7/8	109.95		
	DP-400	Dynamic	4-28	35	106	10	R	M		C	A	Leather	6 3/4	69.95		
	DP-200	Dynamic	4-22	40	97	8	R	M		O	A	Foam	2	39.95		
OPTIMUS	33-174	Dynamic	20-18	32	88	3/4	R	M	No	I	N	Plastic		1.99	Mono. As above.	
	33-175	Dynamic	20-18	32	88	3/4	R	M	No	I	N	Plastic		1.99		
	33-177B	Dynamic	200-4	20	92	25	F	M	No	I	N	Plastic	0.63	3.99		
	33-178-T	Dynamic	20-20	16	99	4	F	M	No	O/I	N	Plastic	1.55	5.99		
(Continued)													0.5	9.99		

# HEADPHONES

MANUFACTURER	Model	Operating Principle	Frequency Range, Hz to kHz	Impedance, Ohms	Sensitivity, dB SPL, for 1 mW Input	THD at 95 dB SPL, %	Cord Length, Feet	Cord Style: Flat=F, Coiled=C, Round=R	Plug Type: 3.5-mm Mini=M, 1/4-Inch Phone=P, Adaptor Included=A	Individual Volume Controls?	Circumaural=C, supra-Aural=S, Open-Air Design=O, In-Ear=I	Headband: None (Fits in Ear)=N, Adjustable=A, Folding=F	Cover Material on Ear Cup	Weight, Ounces	Price, \$	Notes
OPTIMUS (Continued)	33-991	Dynamic	16-22										Plastic	0.42	29.99	Sports model. Infrared; wireless. 900-MHz wireless. As above.
	33-1105	Dynamic	120-20										Plastic	0.9	14.99	
	33-1124	Dynamic	20-20	19	98								Plastic	6.7	19.99	
	33-1163					0.1							Foam	6.7	69.99	
	33-1144					2.5							Foam	6.7	99.99	
	33-1145												Plastic		129.99	
	Nova-11	Dynamic	30-13										Plastic		7.99	
	Nova-13	Dynamic	50-15										Plastic		9.99	
	Nova-15	Dynamic	30-20	32	88								Plastic	3.52	7.99	
	Nova-35	Dynamic	20-20	32	98								Plastic		5.99	
	Nova-42	Dynamic	30-20	33	91								Foam		14.99	
	Nova-43	Dynamic	30-20	37	103								Foam		19.99	
	Nova-71	Dynamic	20-20	32	109								Vinyl	2.27	24.99	
	Nova-56	Dynamic	20-20	32	105								Foam	5.6	4.7	
	Nova-57	Dynamic	20-20	60	96	0.2							Vinyl	9.38	19.99	
	Nova-58	Dynamic	20-18	32	105								Vinyl	13.76	49.99	
	LV-20	Dynamic	5-22	32	104	0.3							Vinyl	9.2	39.99	
	Pro-25	Dynamic	20-20	150	95	0.5							Foam	3.5	39.99	
Pro-40	Dynamic	15-25	60	103	0.2							Vinyl	10	49.99		
Pro-50MX	Dynamic	20-20	90	101	0.2							Vinyl	10.5	49.99		
Pro-135	Dynamic	20-20	90	100								Sim.		69.99		
Pro-145	Dynamic	16-22	60	101								Leather		49.99		
Pro-155	Dynamic	20-20	60	101								Leather		99.99		
PANASONIC	RP-HT950	Dynamic	5-28				12		M/A						129.95	Earpads vibrate to beat of music.  Water-resistant. As above; includes travel pouch.  Infrared; wireless; includes transmitter.
	RP-HT850	Dynamic	7-28				16		M						54.95	
	RP-HT247	Dynamic					9		M/A	Yes			Sim.		39.95	
	RP-HT242	Dynamic	10-27						M/A				Leather		34.95	
	RP-HT202	Dynamic							M/A						24.95	
	RP-HT32	Dynamic	15-22						M		S/O		A		21.95	
	RP-HT52	Dynamic	15-22						M		S/O		A		37.95	
	RP-HT62	Dynamic	15-22						M		S/O		A		28.95	
	RP-HT39	Dynamic	10-22						M		S		A		21.95	
	RP-HT35	Dynamic	10-22						M		S		A		15.95	
	RP-HT25	Dynamic	18-20						M		S		A		10.95	
	RP-HT22	Dynamic	18-20						M	Yes	S/O		A		10.95	
	RP-HT20	Dynamic	20-20				5		M	Yes	S/O		A		5.95	
	RP-HS27	Dynamic	20-20						M	Yes	S/O		A		16.95	
	RP-HS10	Dynamic	10-25						M	Yes	S/O		A		12.95	
	RP-HV600	Dynamic	10-26	16	104		4	F	M	No	S/O		N		64.95	
	RP-HV590	Dynamic	10-25						M	Yes	S/O		N		39.95	
	RP-HV570	Dynamic	10-25						M	Yes	S/O		N		34.95	
RP-HV187	Dynamic	10-25						M	Yes	S/O		N		15.95		
RP-HV169	Dynamic	10-25						M	Yes	S/O		N		11.95		
RP-HV179	Dynamic	10-25						M	Yes	S/O		N		10.95		
RP-HV177	Dynamic	10-25						M	Yes	S/O		N		8.95		
RP-HV147	Dynamic	10-25						M	Yes	S/O		N		5.95		
RP-WH20	Dynamic	20-20						M	Yes	S/O		N		69.95		
PICKERING	CD-2	Dynamic	20-20	32	105	0.5	7½	C	P	No	O	A	Foam	3	50.00	
	CD-5	Dynamic	20-20	35	100	0.5	7½	C	P	No	O	A	Foam	8.8	79.95	
PIONEER	SE-M50	Dynamic	3-50	32			16½	R	F		C	A	Plastic	8.1	75.00	
	SE-A50	Dynamic	20-20	35			9%	F	M/A		C	A	Plastic	5.3	50.00	
	SE-A40	Dynamic	20-20	35			9%	F	M/A		O	A	Plastic	5.3	40.00	
	SE-A20	Dynamic	20-20	32			6%	F	M/A						18.00	
	SE-A10	Dynamic	20-20	32			6%	F	M/A						12.00	
	SE-M350	Dynamic	5-28	35			9%	C/R	M/A		C	A	Plastic	8.4	48.00	
SE-M250	Dynamic	10-23	35			9%	F	M/A		C	A	Plastic	7.5	38.00		
RADIO SHACK	Nova-67	Dynamic	20-20	60	96	0.2	8	R	P	No	S/O	A	Foam	6	34.99	
RECOTON	W500 W200SX W222SX WP525									Yes Yes Yes Yes					900-MHz wireless. As above. As above; includes speakers. 900-MHz wireless.	
SENNHEISER	HD25	Dynamic	16-22	70	105	0.5	5	F	M/A	Opt.	S/O	A	Vinyl	14	259.00	
	HD25SP	Dynamic	30-16	85	105	0.5	10	F	P/A	No	S	A	Sim.	5	149.95	
	HD26	Dynamic	50-17	32	100	0.1	3	F	M/A	No	S/O	A	Foam	2.1	14.95	
	HD36	Dynamic	30-18.5	32	100	0.1	3	F	M/A	No	S/O	A	Foam	2.2	19.95	
	HD56	Dynamic	18-20	32	100	0.1	3	F	M/A	No	S/O	A	Foam	2.5	29.95	
	HD265	Dynamic	10-30	150	99	0.15	10	F	M/A	Opt.	C	A	Sim.	8.9	249.95	
	HD400	Dynamic	25-18	32	94	1	10		M		S	A	Leather	4.6	39.95	
	HD433	Dynamic	22-20	32	94	1	10		M/A	No	S/O	A	Cotton	4.2	39.95	
	HD435	Dynamic	22-20	32	94	1	10		M/A	No	S	A	Foam	4.2	59.95	
	HD445	Dynamic	20-20	60	94	1	10		M/A	No	S	A	Foam	4.5	79.95	
	HD455	Dynamic	18-21	52	94	0.9	10		M/A	No	S/O	A	Cotton	4.2	99.95	
	HD465	Dynamic	18-22	60	94	0.8	10		M/A	No	S/O	A	Cotton	4.2	129.95	
	HD470	Dynamic	22-20	32	94	0.5	10		M	No	S	A	Foam	4.6	59.95	
	HD475	Dynamic	16-23	60	94	0.7	10	F	M/A	No	S/O	A	Cotton	4.2	149.95	
HD490	Dynamic	17-22	32	106	0.3	10		M		S	A		4.9	99.95		
HD500	Dynamic	14-21	32	105	0.2	10		M		C	A		7.4	129.95		



# HEADPHONES

MANUFACTURER	Model	Operating Principle	Frequency Range, Hz to kHz	Impedance, Ohms	Sensitivity, dB SPL, for 1 mW input	THD at 95 dB SPL, %	Cord Length, Feet	Cord Style: flat=F, Coiled=C, Round=R	Plug Type: 3.5-mm Mini=M, 1/8-Inch Phone=P, Adaptor Included=Δ	Individual Volume Controls?	Circumaural=C, supra-aural=S, Over-Ear Design=O, In-Ear=E	Headband: None (fits in ear)=N, Adjustable=A, Folding=F	Cover Material on Ear Cup	Weight, Ounces	Price, \$	Notes
SENNHEISER (Continued)	HD525	Dynamic	20-23	150	94	0.25	10	F	M/A	No	C/O	A	Sim. Leather	7.5	129.95	
	HD535	Dynamic	20-25	150	97	0.25	10	F	M/A	Opt.	C/D	A	Sim. Leather	7.5	169.95	
	HD545	Dynamic	16-28	150	96	0.2	10	F	M/A	Dpt.	C/D	A	Velvet	8.8	199.95	
	HD565	Dynamic	16-30	150	96	0.15	10	F	M/A	Opt.	C/D	A	Velvet	8.8	289.95	
	HD570	Dynamic	18-22		102	0.2	10				C	A	Velvet	7.4	169.95	
	HD580	Dynamic	12-38	300	97	0.1	10	F	M/A	Dpt.	C/D	A	Velvet	9.2	349.95	
	HD600	Dynamic	12-39	300	97	0.1	10	F	M/A	No	C/O	A	Velvet	9.2	449.95	
	HDC451-1	Dynamic	20-18	270	94		4	F	M	No	S/O	A	Cotton	3.9	269.95	Active noise compensation.
	HE60/HEV70	Electrostatic	12-65			0.1	10	F			C/O	A	Velvet	9.1	1799.95	
	HE/HEV90 System	Electrostatic	25-75		98	0.01	10	F			C/O	A	Leather Velvet, Leather		14,900	Includes tube amp with volume control and D/A converter.
	IS450		20-22			1				Yes	S	A	Leather Foam	5.4	259.95	Stereo infrared system; includes transmitter.
	IS850		10-20			0.006					C	A	Velvet	11.6	1395.95	Digital infrared system; includes transmitter.
	MX3	Dynamic	20-20	32.5	103		3	F	M	No	I	N		0.21	14.95	
	MX4	Dynamic	20-22	16.5	106		3	F	M	No	I	N		0.21	24.95	
	MX5	Dynamic	20-22	16.5	106		3	F	M	Yes	I	N		0.21	44.95	
RS6	Dynamic	20-20		60	0.8				Yes	S/O	A	Cotton	5.6	269.95	900-MHz RF wireless.	
RS8	Dynamic	20-22		75	0.8				Yes	S/O	A	Cotton	5.6	369.95	As above.	
SONY	MDR-101LP	Dynamic	18-20	24	100		3.3	R	M	No	O	A	Urethane	2	5.99	
	MDR-201LP	Dynamic	14-20	24	100		4.9	R	M/A	No	O	A	Urethane	2.6	9.99	
	MDR-A101LP	Dynamic	18-20	24	100		3.3	R	M	No	O	F	Urethane	2	14.99	
	MDR-201V	Dynamic	14-20	24	100		4.9	R	M/A	Yes	O	A	Urethane	2.6	19.99	
	MDR-301LP	Dynamic	14-20	24	101		4.9	R	M/A	No	O	A	Urethane	3.7	24.99	
	MDR-55	Dynamic	14-24	24	105		6.6	R	M/A	No	O	A	Urethane	2.3	29.99	
	MDR-501LP	Dynamic	12-24	40	104		9.8	R	M/A	No	O	A	Urethane	5.1	49.99	
	MDR-605LP	Dynamic	12-24	40	106		9.8	R	M/A	No	O	A	Cloth	5.1	69.99	
	MDR-E811LP	Dynamic	16-22	16	104		3.3	R	M	No	I	N	Urethane	0.18	8.99	
	MDR-E821LP	Dynamic	16-22	16	104		3.3	R	M	No	I	N	Urethane	0.18	9.99	Includes carrying case.
	MDR-E827G	Dynamic	16-22	16	104		3.3	R	M	Yes	I	N	Urethane	0.18	14.99	As above.
	MDR-E827V	Dynamic	16-22	16	104		3.3	R	M	No	I	N	Urethane	0.18	19.99	As above; water-resistant.
	MDR-E848LP	Dynamic	10-23	16	108		3.9	R	M	No	I	N	Urethane	0.21	29.99	Includes carrying case.
	MDR-E888LP	Dynamic	8-27	16	108		3.9	R	M	No	I	N	Urethane	0.21	29.99	Includes carrying case.
	MDR-E228LP	Dynamic	8-23	16	108		3.3	R	M	No	I	N	Urethane	0.25	79.99	As above.
	MDR-E238LP	Dynamic	8-23	16	108		3.3	R	M	No	I	N	Rubber	0.18	19.99	Includes pouch.
	MDR-E268LP	Dynamic	8-25	16	108		3.9	R	M	No	I	N	Rubber	0.18	29.99	As above.
	MDR-G51	Dynamic	16-20	24	104		4.9	R	M	No	O	N	Rubber	0.25	49.99	As above.
	MDR-G61	Dynamic	14-24	24	104		4.9	R	M	No	O	N	Urethane	2.2	29.99	Behind-the-neck headband.
	MDR-F1	Dynamic	10-30	12	100		11.5	R	M/A	No	O	O	Urethane	2	34.99	As above.
	MDR-V100MK2	Dynamic	20-20	32	98		6.6	R	M/A	No	O	S	Cloth	7	299.99	
	MDR-V200	Dynamic	16-20	24	100		9.8	R	M/A	No	O	S	Plastic	4.9	29.99	
	MDR-V400	Dynamic	10-25	24	104		9.8	R	M/A	No	A	A	Plastic	4.6	49.99	
	MDR-V600	Dynamic	5-30	45	106		9.8	C	M/A	No	A	A	Plastic	5.6	89.99	
	MDR-V900	Dynamic	5-30	24	107		9.8	C	M/A	No	A	A	Plastic	9.2	129.99	
	MDR-CD60	Dynamic	20-20	18	96		6.6	R	M/A	No	A	A	Plastic	10.6	259.99	
	MDR-CD160	Dynamic	16-20	24	98		9.8	R	M/A	No	A	A	Plastic	5.3	19.99	
	MDR-CD360	Dynamic	10-25	40	100		11.5	R	M/A	No	A	A	Plastic	5.3	29.99	
	MDR-CD570	Dynamic	10-25	40	106		11.5	R	M/A	No	A	A	Plastic	8.3	69.99	
	MDR-CD770	Dynamic	5-30	32	106		11.5	R	M/A	No	A	A	Plastic	8.6	99.99	
	MDR-CD870	Dynamic	5-30	32	106		11.5	R	M/A	No	A	A	Plastic	11.3	199.99	
	MDR-CD1700	Dynamic	5-30	32	106		11.5	R	M/A	No	A	A	Plastic	11.5	249.99	
	MDR-CD3000	Dynamic	20-20	32	104		9.8	R	M/A	No	A	A	Cloth	14.1	349.99	
	MDR-W081	Dynamic	20-20	16	104		3.3	R	M	No	I	A	Plastic	0.46	9.99	
	MDR-W14L	Dynamic	18-22	16	104		3.3	R	M	No	I	A		0.46	12.99	
	MDR-W20G	Dynamic	10-23	16	108		3.3	R	M	No	I	A		0.6	15.99	Water-resistant.
	MDR-W24V	Dynamic	18-22	16	104		3.3	R	M	Yes	A	A		0.46	15.49	As above.
	MDR-A30G	Dynamic	10-23	16	108		3.9	R	M	No	I	F		0.7	19.99	
	MDR-A34L	Dynamic	10-23	16	108		3.9	R	M	No	I	F		0.8	19.99	
	MDR-A44L	Dynamic	10-23	16	108		3.9	R	M	No	I	F		0.9	24.99	
	MDR-NC5	Dynamic	30-15	17	100		4.9	M	Yes	O	I		Urethane	4.3	99.99	Active noise cancellation.
	MDR-NC10	Dynamic	10-22	27	106		4.6	M	Yes	O	I	N		1.6	199.99	As above.
	MDR-NC20	Dynamic	16-22	24	102		4.9	R	M	Yes	O	N		6.2	199.99	As above.
	MDR-IF130K	Dynamic	18-22							Yes	O	A	Urethane	6.3	54.99	Infrared; cordless.
	MDR-IF230K	Dynamic	18-22							Yes	O	A	Urethane	6.3	69.99	As above; rechargeable.
	MDR-IF330K	Dynamic	18-22							Yes	O	D	Urethane	6.3	99.99	As above; automatic charge function on transmitter.
	MDR-RF930K	Dynamic	20-20							Yes	D	A	Urethane	7.6	99.99	900-MHz wireless.
MDR-RF950RK	Dynamic	18-22							Yes	D	A	Plastic	9.3	149.99	As above; rechargeable.	
MDR-D33	Dynamic	10-25	45	104		4.9	R	M/A	No	A	A	Plastic	4.2	129.99		
MDR-D55	Dynamic	10-25	45	106		4.9	R	M/A	No	A	A	Plastic	4.2	179.99		
STANTON	101/HB	Dynamic	20-22	100	110	0.25†	12	C	P	No	C/O	A	Vinyl	4.2	92.00	†At 110 dB.
	101/SR	Dynamic	20-22	100	110	0.25†	12	C	P	No	C/O	A	Vinyl	4.3	92.00	
	101/STK	Dynamic	20-22	100	110	0.25†	12	C	P	No	A	A	Foam	4.3	92.00	
	1001 Pro	Dynamic	20-20	100	100	0.25	12	C	P	Yes	D	A	Vinyl	13	175.00	Adjustable bass boost.
	ST-Pro	Dynamic	20-20	32	100	0.5	7½	F	M/A	No	O	A	Fabric	5	40.00	
	DJ Pro 1000	Dynamic	20-20	30	100	0.25	10	C	P	No	D	A		7	107.00	
TECHNICS	RP-DJ1200	Dynamic	8-30								F	Plastic		199.95	Water-resistant; includes carrying case.	
	RP-F200	Dynamic	10-27								F	Plastic		34.95		
	RP-F800	Dynamic	5-30	22	103		9.9	R	M/A	No	C	Foam	8.1	79.95		
	RP-HT300	Dynamic	8-27								F	Foam		44.95		

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# CASSETTE DECKS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Frequency Response with Best Tape, Hz to KHz, ±dB	Monitoring Off Tape During Recording?	Wow & Flutter, Weighted Peak, ±%	S/N without Noise Reduction, A-Weighted, dB	S/N with Noise Reduction, A-Weighted, dB	Noise-Reduction Circuit: Dolby B = B, Dolby C = C, Dolby S = S	HX Pro Circuit?	Bias Fine Tuning: Auto = A, Manual = M	Program Search?	Intro Scan?	Level Indicators: Average = A, Peak = P, Peak-Hold = PH	Counter Indications: No. of Turns = T, Elapsed Time = E, Remaining Time = R	Auto Reverse?	Number of Mike Inputs	Dual Wells?	Timer Record/Play?	Weight, Pounds (To Nearest Pound)	Price, \$	Notes
DENON	DRW-840	20-18 ±3	No	0.06	74	B/C	Yes	M	Yes	No	P	T	Yes	0	Yes	No		400.00	High-speed dubbing; twin and relay record; relay play. High-speed dubbing; relay play. CD sync.	
	DRW-580	20-18 ±3	No	0.08	74	B/C	Yes	M	Yes	No	PH	T	Yes	0	Yes	Yes	9	250.00		
	DRM-740(RO)	20-20 ±3	Yes	0.038	75	B/C	Yes	M	Yes	No	P/PH	E/R	No	0	No	No	11	400.00		
	DRM-650S	25-18 ±3	No	0.055	77	B/C/S	Yes	A/M	Yes	No	PH	T	Yes	0	No	Yes	11	300.00		
DUAL	CC5850RC(RI)	25-19	Yes	0.01	76	B/C	Yes	A/M	Yes	No	A/PH	E/R	Yes	0	No	Yes	14	690.00		
	CC8065RC(RI)	25-15	Yes	0.05	75	B/C	Yes	A/M	Yes	No	A/P	E/R	No	0	No	Yes	12	490.00		
ELITE	CT-07D	20-20		0.09	90	B/C/†	Yes	A	Yes	Yes	P	T/E	Yes	1	Yes		10	500.00	Four motors; four heads; digital input. †DPS digital noise reduction in playback.	
	CT-05D	20-20		0.09	90	B/C/†	Yes	A	Yes	Yes	P	T/E	Yes	0	Yes		9	350.00		
HARMAN KARDON	DC520	25-19	No	0.05	59	79	B/C	Yes			P	T	Yes	0	Yes		10	329.00	High-speed dubbing; sync reverse.	
JVC	TD-W718BK	20-17	No	0.08	58	78	B/C	Yes	A	Yes		E	Yes	1	Yes	No	11	280.00	Recording in both wells; pitch control; mike mixing. Quick reverse. Pitch control; mike mixing. Remote controllable via system bus. Six motors.	
	TD-R462BK	20-17	No	0.08	58	78	B/C	Yes	M	Yes	No	P	E	0	No	Yes	10	250.00		
	TD-W354BK	20-17	No	0.08	58	78	B/C	Yes	A	Yes	No	A	T	1	Yes	No	11	220.00		
	TD-W5TH	20-17	No	0.08	58	78	B/C	Yes		Yes	No	P	T	Yes	0	Yes	10	220.00		
KENWOOD	CT2050	30-19 ±3	No	0.1	59	75	B/C	Yes	A/M	Yes	No	P	E	Yes	Yes	Yes	10	200.00	High-speed dubbing. As above.	
	CT203	30-19 ±3	No	0.1	59	75	B/C	Yes		No	No	E	Yes	Yes	Yes	10	180.00			
	CT201	30-18 ±3	No	0.1	59	68	B/C	No		No	No	E	No	Yes	No	9	100.00			
LUXMAN	K-322	25-18	No	0.08	56	71	B/C	Yes	M	Yes	No	P	E	0	No	No	9	449.00	System bus.	
	K-373	15-22	Yes	0.045	58	74	B/C	Yes	M	Yes	No	P	E/R	2	No	No	13	695.00		
MARANTZ	SD-57(RI)	20-20 ±3		0.05 wrms	57	80	B/C/S	Yes	A/M	Yes	Yes	PH	T			Yes	12	400.00	High-speed dubbing.	
	SD-455(RI)	25-18 ±3	No	0.14	53	72	B/C	Yes	A	No	No	P/PH	T	Yes	0	Yes	No	12		300.00
NAD	613	30-18	No	0.1	58	68	B/C	Yes	M	No	No	A	T	0			10	349.00	Communicates with NAD components. As above; high-speed dubbing.	
	616	30-18	No	0.1	58	68	B/C	Yes		No	No	A/PH	T	Yes	0	Yes	13	399.00		
ONKYO	Integra	20-20		0.065	58	78	B/C	Yes	M	Yes	No	A/PH	E/R	Yes	2	Yes	Yes	18	709.95	Three motors; real-time counter; quick reverse. Two motors; quick reverse. Auto reverse in both wells; high-speed dubbing. As above. Three motors; real-time counter.
	TA-RW909(RI)	20-17		0.065	58	78	B/C	Yes		Yes	No	PH	T	Yes	Yes	Yes	13	424.95		
	TA-RW505	20-17		0.07	58	78	B/C	Yes		Yes	No	PH	T	Yes	Yes	Yes	13	334.95		
	TA-RW344	20-17	Yes	0.07	58	78	B/C	Yes		Yes	No	PH	T	Yes	Yes	Yes	13	249.95		
	Integra	20-20		0.045	60	78	B/C	Yes	A/M	Yes	No	PH	E/R	Yes			16	799.95		
TA-6711	20-19		0.07	58	78	B/C	Yes	M	Yes	No	PH	T	Yes			11	279.95			
OPTIMUS	SCT-53	25-16		0.12	54	63	B	No	A			P	T	0	Yes	8	119.99	High-speed dubbing. As above. As above; CD sync; auto reverse in both wells.		
	SCT-49	50-16		0.10	54	64	B	No	A			P	T	0	Yes	9	149.99			
	SCT-56(RO)	35-16		0.07	55	70	B/C	Yes	A	Yes	Yes	P	T/E	Yes	0	Yes	10		199.99	
	SCT-86	250-10 ±3	No	0.15	52	57	B	No		No	No	P	T	No	2	No			79.99	
PIONEER	CT-W616DR	20-20		0.09	90	B/C/†	Yes	A	Yes	Yes	P	T/E	Yes	0	Yes		10	300.00	†DPS digital noise reduction in playback.	
	CT-W606DR	20-20		0.09	90	B/C/†	Yes	A	Yes	Yes	P	T/E	Yes	0	Yes		10	285.00		
	CT-W205R	20-16.5	No	0.09	57	76	B/C	No		Yes	No	PH	E	Yes	0	Yes	No	9		220.00
REVOX	B-21 Emotion (RO)	30-20 ±3	Yes	0.1	60	73	B/C	Yes	A	Yes		P/PH	E/R	No	0	No	Yes	22	2895.00	Dual capstan; three motors; microprocessor-controlled.
ROTEL	RD 960BX(RI)	30-18 ±3	No	0.035	55	74	B/C	Yes	M	Yes	No	P	E	No	0	No	No	13	399.00	
SHERWOOD	Newcastle D-480	20-18.5	No	0.08	53	73	B/C	Yes		Yes	No	P	T/E/R	Yes	0	Yes	Yes	9	250.00	Four motors. As above.
	Newcastle DD-980	20-20 ±3	No	0.06	56	81	B/C/S	Yes		Yes	No	P	T/E/R	Yes	0	Yes	Yes	11	400.00	
	DD-5080	20-18 ±3	No	0.08	53	73	B/C	Yes		Yes	No	P	T/E/R	Yes	0	Yes	Yes	9	199.00	
	DD-6080	20-19 ±3	No	0.06	56	76	B/C	Yes		Yes	No	P	T/E/R	Yes	0	Yes	Yes	11	299.00	
SONY	TC-WE305(RO)	30-15 ±3	No	0.11	58	58	B	No		No	No	P	T/E	0	Yes	No	8	120.00	Four motors. As above. As above. As above.	
	TC-WE425(RO)	30-19 ±3	No	0.08	58	58	B/C	Yes		No	No	E/R	Yes	0	No	No	9	180.00		
	TC-WE625(RO)	30-19 ±3	No	0.07	58	58	B/C	Yes	A	Yes	Yes	P	E/R	Yes	0	Yes	Yes	9		250.00
	TC-WE825S(RO)	30-19 ±3	No	0.07	58	58	B/C/S	Yes	A	Yes	Yes	P	E/R	Yes	0	Yes	Yes	9		300.00
	TC-KE400S(RO)	30-18 ±3	No	0.07	58	58	B/C/S	Yes	A	Yes	Yes	P	E/R	0	Yes	No	8	250.00		
	TC-KE500S	30-19 ±3	Yes	0.055	61	61	B/C/S	Yes	M	Yes	Yes	P	E/R	0	No	No	9	360.00		
SONY ES	TC-WA7ESA(RO)	20-19 ±3	Yes	0.07	58	58	B/C/S	Yes	A	Yes	No	P	E/R	Yes	0	Yes		9	350.00	Quick reverse.
	TC-WA8ESA(RO)	20-19 ±3	Yes	0.07	58	58	B/C/S	Yes	A	Yes	No	P	E/R	Yes	0	Yes		9	550.00	
	TC-WA9ES(RO)	20-20 ±3	Yes	0.06	59	59	B/C/S	Yes	A	Yes	No	P	E/R	Yes	0	Yes		14	950.00	
	TC-KA1ESA(RO)	20-19 ±3	Yes	0.055	61	61	B/C/S	Yes	A/M	Yes	No	P	E/R	0	No	No	9	350.00		
	TC-KA2ES(RO)	20-20 ±3	Yes	0.04	61	61	B/C/S	Yes	A/M	Yes	No	P	E/R	0	No	No	10	550.00		
	TC-KA3ES(RO)	20-22 ±3	Yes	0.022	61	61	B/C/S	Yes	A/M	Yes	No	PH	E/R	0	No	No	17	950.00		
TANBERG	TCD 3014A	18-23 ±1.5	Yes	0.06	74	74	B/C	No	M	Yes	No	A	T/E	No	0	No	Yes	22	3995.00	Phase compensation; dynamically adjusted record EQ.

# CASSETTE DECKS

MANUFACTURER	Model (R) = Remote Included, (RO) = Remote Optional	Frequency Response with Best Tape, Hz to kHz, ±dB	Monitoring Off Tape During Recording?	Wow & Flutter, Weighted Peak, ±%	S/N without Noise Reduction, A-Weighted, dB	S/N with Noise Reduction, A-Weighted, dB	Noise-Reduction Circuit, Dolby B=B, Dolby C=C, Dolby S=S	HX Pro Circuit?	Bias Fine Tuning, Auto = A, Manual = M	Program Search?	Intro Scan?	Level Indicators: Average=A, Peak=P, Peak-Hold=PH	Counter Indications: No. of Turns=T, Elapsed Time=E, Remaining Time=R	Auto P Reverse?	Number of Mike Inputs	Dual Wells?	Timer Record/Play?	Weight, Pounds (To Nearest Pound)	Price, \$	Notes
TEAC	V-8030S(RI)	15-21 ±3	Yes	0.022	60	84	B/C/S	Yes	M	Yes	No	P/PH	E/R	No	0	No	Yes	20	1150.00	Dual voltage. As above. As above; pitch control in one well. Dual voltage. As above. As above. As above.
	V-1050(RO)	15-21 ±3	Yes	0.045	60	80	B/C	Yes	M	No	No	P/PH	E/R	No	0	No	Yes	10	400.00	
	W-6000R(RI)	25-19		0.06	59	79	B/C	Yes		Yes	Yes	P/PH	E/R	Yes	2	Yes	No	15	749.00	
	W-850R(RI)	25-19		0.06	59	79	B/C	Yes		Yes	No	P	E	Yes	0	Yes	No	11	339.00	
	W-780R(RO)	25-19		0.06	59	79	B/C	Yes		No	No	P	E	Yes	0	Yes	No	10	219.00	
	W-538R	30-16		0.09	55	65	B	No		No	No	P	E	Yes	0	Yes	No	9	169.00	
	W-518R	30-16		0.09	55	65	B	No		No	No	P	E	Yes	0	Yes	No	9	169.00	
	R-565(RO)	25-19		0.06	59	79	B/C	Yes		Yes	Yes	P/PH	E	Yes	0	No	No	9	289.00	
	R-H500	40-16		0.15	55	75	B/C	No		Yes	No	P	E	Yes	0	No	No	9	329.00	
	TECHNICS	RS-TR272	40-15 ±3		0.18	64	66	B/C	Yes	A				Yes	0	Yes	No	9	200.00	
RS-TR373		40-16 ±3		0.1	66	66	B/C	Yes	A				Yes	0	Yes	No	10	220.00		
RS-TR575		40-16 ±3		0.1	66	66	B/C	Yes	A				Yes	0	Yes	No	10	270.00		
RX-BX501		30-16 ±3		0.1	66	66	B/C	Yes	A				Yes	0	No	No	8	240.00		
YAMAHA	KX-W421(RO)	20-20 ±3	No	0.15	58	74	B/C	Yes		Yes	Yes	P/PH	E	Yes	0	Yes	No	11	299.00	High-speed dubbing. As above. As above; surround processing; recording in both wells.
	KX-W321(RO)	20-19 ±3	No	0.15	58	74	B/C	No		Yes	Yes	P/PH	E	Yes	0	Yes	No	11	249.00	
	KX-393(RO)	20-19 ±3	No	0.12	58	74	B/C	Yes	A/M	Yes	Yes	P/PH	E	No	0	No	No	10	249.00	
	KX-390(RO)	20-19 ±3	No	0.07	58	74	B/C	Yes	A/M	Yes	Yes	P/PH	E	No	0	No	No	10	249.00	
	KX-W392(RO)	20-19 ±3	No	0.08 wrms	58	74	B/C	No		Yes	Yes	P/PH	E	Yes	0	Yes	No	11	249.00	
	KX-W492(RO)	20-20 ±3	No	0.08 wrms	58	74	B/C	Yes		Yes	Yes	P/PH	E	Yes	0	Yes	No	11	299.00	
	KX-W592(RO)	20-20 ±3	No	0.08 wrms	58	74	B/C	Yes		Yes	Yes	P/PH	E	Yes	0	Yes	No	11	399.00	

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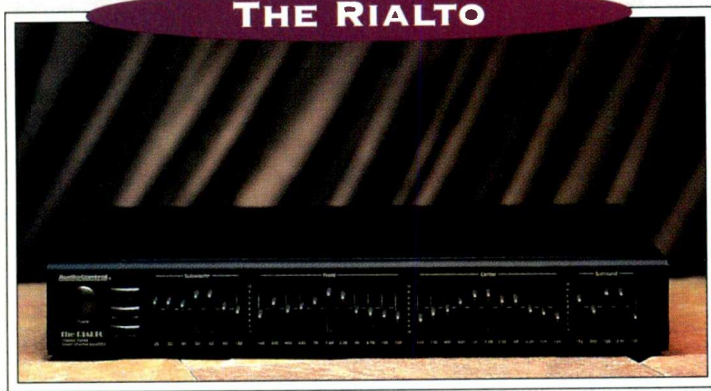
# EQUALIZERS

MANUFACTURER	Model (R)=Remote Included (RO)=Remote Optional	Number of Channels	Number of Bands per Channel	Bandwidth, Octaves	Switched Tape EQ?	Unity Gain Control?	Rated Output, V rms	THD at Rated Output, %	S/N, A-Weighted, dB	Variable Center Frequencies?	Variable Filter "Q"?	Boost/Cut Range, ±dB	Real-Time or Spectrum Analyzer?	Test Generator? Pink Noise=P, Warble Tone=W	With Calibrated Mike?	Number of Memories	Number of Tape Monitors	Infrasonic (Subsonic) Filter?	Price, \$	Notes
ACCUPHASE	DG-28	2	†	†	Yes	Yes	5	0.004	115	No	No	12	Yes	W	Yes	4	0	No	8200.00	Digital; optical and coaxial inputs and outputs; optional balanced and unbalanced analog inputs and outputs; automatic adjustment to user-set EQ curve, based on mike input. †Selectable, 64 1/8-octave or 32 1/2-octave bands.
AUDIOCONTROL	Bijou	7	†	†	No	No	6.0	0.01	109	No	No	6	No	No	No	0	0	No	995.00	THX certified, seven-channel room EQ. †Three front channels, 11 bands, 2/3-octave; surround channels, eight bands, 2/3-octave; stereo subwoofer channels, 12 bands, 1/6-octave.
	Rialto	7	†	†	No	Yes	7	0.008	113	No	No	12	No	No	No	0	0	Yes	599.00	Seven-channel room EQ. †Three front channels, 11 bands, 2/3-octave; surround channels, five bands, two-octave; stereo subwoofer channels, seven bands, 1/2-octave. Includes crossover (see also "Crossovers").
	C-131	1	30	1/2	No	Yes	7.5	0.002	112	No	No	15	No	No	No	0	0	†	529.00	Constant Q; balanced and unbalanced inputs and outputs. †Variable infrasonic filter.
	R-130	2	30	1/2	No	Yes	7.5	0.002	120	No	No	15	Yes	P	Yes	0	1	No	649.00	Real-time analyzer for model above; balanced and unbalanced inputs.
	C-101 Series III	2	10	1	Yes	No	7.5	0.005	120	No	Yes	15	Yes	P	Yes	0	1	Yes	459.00	
	Ten Series III	2	10	1	Yes	No	7.5	0.005	120	No	Yes	15	No	No	No	0	1	Yes	219.00	
AEQ-26	2	6	Var.	No	No	7.5	0.005	120	No	No	15	No	No	No	0	0	†	189.00		
Richter Scale Series III	2	6	1/2	Yes	No	8.0	0.005	120	No	Yes	12	Yes	W	Yes	0	1	Yes	349.00	For wall-mount speakers. †Variable infrasonic filter. Includes 24-dB/octave Linkwitz-Riley crossover and bridging adaptor (see also "Crossovers").	
AUDIOSOURCE	EQ Eight/II	2	10	1	Yes	No	5	0.03	80	No	No	12	Yes	No	No	0	1	No	159.95	
	EQ Eleven	2	10	1	Yes	Yes	6.4	0.03	85	No	No	12	Yes	No	No	0	2	No	199.95	
	EQ Fourteen	2	10	1	Yes	Yes	7	0.015	98	No	No	12	Yes	P	Yes	0	2	No	349.95	
	EQ-100	2	10	1	Yes	No	7	0.03	80	No	No	12	Yes	No	Yes	0	2	Yes	159.95	
EQ-200	2	10	1	Yes	Yes	7	0.03	85	No	No	12	Yes	No	No	0	2	No	199.95		
BRIGHT STAR AUDIO	EFC	2		1/2	No	No	10.5	0.02		No	No		No	No	No	0	0	Yes	450.00	For Bright Star Altair series loudspeakers.
BST	Process 8	2	15				0.01	100	Yes		12	No							199.00	
	Process 10	2	15				0.01	100	Yes		12	No							240.00	
CALREC	RQQ 2200	2	4	1/2	No	No		0.005	88	Yes	Yes	16	No	No	No	0	0	No	3935.00	
CELLO LTD.	Audio Palette-MIV	2	6	Var.	Yes	Yes	15	0.005	80	No	No	Var.	No	No	No	0	0	No	22,000	
	Audio Palette-STD	2	6	Var.	Yes	Yes	15	0.005	80	No	No	Var.	No	No	No	0	0	No	20,000	
	Audio Palette Preamplifier	2	6	Var.	No	Yes	9	0.005	80	No	No	Var.	No	No	No	0	2	No	8500.00	Preamp/EQ (see also "Preamps").
DB SYSTEMS	DB-5	2	6			4	0.0008	108	Yes		15							540.00	Model DB-2A power supply or DBP-1 cable required.	
ELECTRO-VOICE	EQ-131	1	31	1/2	No	Yes	7.75	0.01	97	No	No	†	No	No	No			Yes	524.00	†Selectable, ±6 or ±12 dB.
	EQ-215	2	15	1/2	No	Yes	7.75	0.01	97	No	No	†	No	No	No			Yes	548.00	
	EQ-231	2	31	1/2	No	Yes	7.75	0.01	97	No	No	†	No	No	No			Yes	840.00	
ESOTERIC SOUND	Re-Equalizer	2	2	10	No	No	3.5	0.02	85	No	No	16	No	No	No	36	0	No	335.00	For replay of early LPs, 78s, and transcriptions.
HARRISON LABORATORIES	SEMOD	2	15	1/2	No	No	2.8	0.1	90	No	No	+3, -24	No	P	No	0	0	Yes	459.00	Each channel's EQ bands on alternating frequencies; usable as crossover with multi-band EQ for each speaker (see also "Crossovers"); switchable noise gate (110-dB S/N with noise gate); without display, \$351.00.
INTERACTIVE LABS	Five-Q Little-Q	5	5	1.8	No	Yes				No	No	20	No	No	No	0	0	No	1199.00	
JPS LABS	The Golden Flutes	1	1		No	No	9.5	0.005		No	No	†						Yes	450.00	Bass-alignment filters available for 50 speaker models; with fully balanced circuitry, \$750.00 per pair. †Fixed boost (amount depends on speaker).
JRM	Remote Unit	2	9		Yes	Yes	10	0.001	110	No		8						Yes	1575.00	JRM preamp, DA-20 preamp/DAC, or 3PBP crossover required; continuously variable loudness.
KAB ELECTRO-ACOUSTICS	Souvenir EQS	2					5	0.07	70	No	No		No	No	No	5	1	No	699.00	Preamp/EQ (see also "Preamps"); one 78-rpm and three LP EQ curves; switchable mono blend.
KENWOOD	1070KE KE-2060	2	14		Yes	No	7	0.006	100	No	No	12	Yes	No	No	30	1	No	300.00	
		2	7		No	No	6	0.01	92	No	No		Yes	No	No	10	1	No	140.00	
LEGACY AUDIO	Steradian	2	3	Adj.	Yes		10	0.01	100	Yes	Yes	8	No	No	No	0		Yes	1295.00	Adjustable channel separation.
MANLEY LABS	Manley EQ Enhanced	2	4	Var.	No	Yes	30	0.03		Yes	Yes	20							4800.00	Passive parametric EQ; tube line driver.
	Pultec EQP1-A	1	18	Var.	No	Yes	8	1	90	Yes	Yes	10	No	No	No	0	0	No	2150.00	Tube; balanced in; polarity reversal.
	Mid Frequency EQ	1	11	Var.	No	Yes	8	1	90	Yes	Yes	10	No	No	No	0	0	No	1750.00	As above.
MARCHAND	WM8	2	1	2	Yes	No	8	0.01	110	Yes	Yes	24	No	No	No	0	1	Yes	399.00	Bass EQ.
ONKYO	EQ-101	2	7	1	Yes	No		0.01	100	No	No	12	No	No	No	0	1	No	180.00	
	EQ-201	2	7	1	Yes	No		0.01	100	No	No	12	Yes	No	No	0	1	No	270.00	
	Integra EQ-35	2	12	1	Yes	Yes		0.01	100	No	No	†	No	P	No	0	2	No	385.00	†Selectable, ±6 or ±12 dB.
OPTIMUS	31-2030	2	10	1	Yes	Yes	1	0.015	95	No	No	12	Yes	No	No	0	2	No	129.99	

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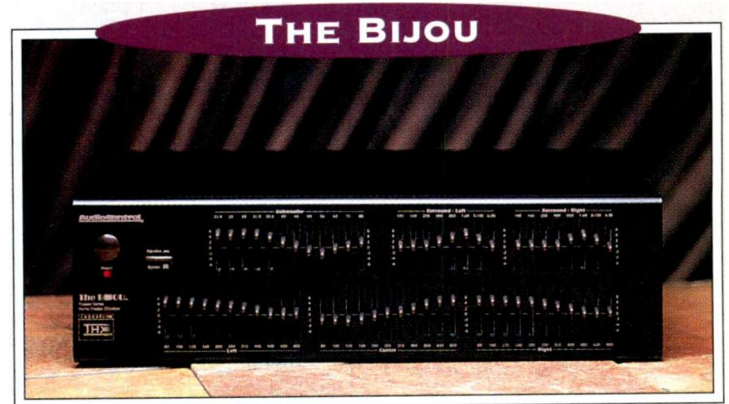
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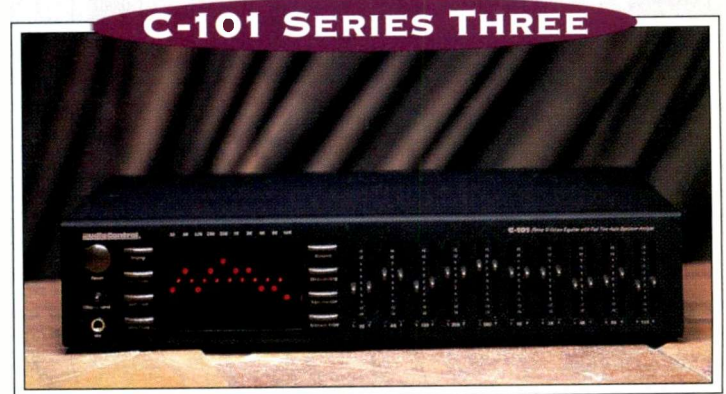
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Analyzer/Equalizer

# EQUALIZERS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Number of Channels	Number of Bands per Channel	Bandwidth, Octaves	Switched Tape EQ?	Unity Gain Control?	Rated Output, V rms	THD at Rated Output, %	S/N, A-Weighted, dB	Variable Center Frequencies?	Variable Filter "Q"?	Boost/Cut Range, ±dB	Real-Time or Spectrum Analyzer?	Test Generator? Pink Noise=P, Warble Tone=W	With Calibrated Meter?	Number of Memories	Number of Tape Monitors	Infrasonic (Subsonic) Filter?	Price, \$	Notes
PARASOUND	R/EQ-150	2	5	½	No	Yes	5	0.05	88	No	No	8	No	No	No	0	0	No	145.00	Half-rack width.
PIONEER	GR-777(RI) GR-555 GR-470(BK)	2 2 2	10 7 7	1 1¼ 1¼	Yes Yes Yes	Yes Yes Yes		0.02 0.02 0.03	110 104 106	No No No	No No No	8 10 10	Yes Yes No	No No No	No No No	5 0 0	1 1 1	No No No	410.00 260.00 135.00	
RANE	RPE 228 MQ 302L MQ 302S THX 44 SSE 35 SSE 22 ME 60 ME 30B ME 15B PE 17	2 2 2 4 3 2 2 1 2 1	28 30 30 13 11 13 30 30 15 5	½ ½ ½ ½ ¾ ½ ½ ½ ¾ ¾	No No No No No No No No No No	No Yes No No No No Yes Yes Yes Yes	9 7.75 9.75 3.5 3.5 3.5 1.2 1.2 1.2 1.2	0.001 0.009 0.009 0.015 0.015 0.001 0.008 0.009 0.009 0.005	94 96 96 120 100 120 94 98 98 98	No No No Yes No No No No No No	No No No Yes No No No No No No	12 12 12 6 6 6 12/6 12/6 12/6 -15	No No No No No No No No No No	No No No No No No No No No No	16 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	No No No No No No Yes Yes Yes Yes	1249.00 599.00 399.00 1299.00 699.00 599.00 699.00 419.00 429.00 549.00	RS-232 serial control using Raneware software under Windows 3.1 or Windows 95. Both channels ganged on one set of faders. As above. 11-band graphic and two-band parametric on left, center, and right channels; two-band parametric on subwoofer channel. ½-octave equalized stereo subwoofer outputs; low-pass filter, selectable at 100 or 125 Hz. Graphic and parametric filters for each channel. Constant Q. As above; balanced and unbalanced inputs and outputs. As above. Parametric.	
SHERWOOD	EQ-3050C	2	7	1	Yes	No	2	0.05	108	No	No	12	Yes	No	No	12	1	No	229.00	
SONY	SEQ-711	2	7		Yes	Yes		0.01	100	Yes	Yes	10	Yes	No	No	10	1	No	280.00	
SPL	Optimizer 9318 Stereo Vitalizer 9319	2 2	† 2	4		Yes Sel.	Sel.	0.002 0.002	86 75	Yes Yes	Yes Yes	12 12	No No	No No	No No	0 0	0 0	No No	1599.00 599.00	†Four-band mono or two-band stereo. Balanced and unbalanced input and output; proportional-Q filters. Signal-controlled parametric equalization, phase manipulation, and harmonic restoration (see also "Signal Processors"); with bass gain-reduction and treble-enhancement controls. Stereo Vitalizer 9526 MK2, \$699.00.
TEAC	EQA-220 EQA-190	2 2	10 10		Yes Yes			0.1 0.1	90 90			12 12	Yes Yes						129.00 119.00	Dual voltage. As above.
TECHNICS	SH-GE50 SH-GE70	2 2	7 7		No Yes		1	0.007 0.005	110 105	Yes No		12 12	Yes			12 1	1		110.00 200.00	
YAMAHA	EQ-70 EQ-550	2 2	10 10	1	Yes Yes	Yes Yes	5.4 1	0.005	105 105	No No	No No	12 12	No Yes	No P	No Yes	0 0	1 1	No Yes	199.00 399.00	

# SURROUND SOUND & AMBIENCE PROCESSORS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Decoding Type—See Table	UNIT TYPE		INPUTS & OUTPUTS						THD, %	S/N, A-Weighted, dB	Price, \$	Notes			
			Processing Techniques: Delay=D, Reverb=R, Frequency Shaping=F, Comp Filtering=C, Phase Manipulation=P, Other=O	Number of Digital Inputs	RF (Laserdisc AC-3) Input?	Number of Video Inputs	Number and Use of Outputs— See Code	Number of Tape Monitors	Number of Hall/Room Simulations	Hall/Room Simulation Adjustment?					Stereo Simulation?	Preamp Functions: Volume = V, Tone = T, Source Selection = S	Continuous Amp Power, Watts per Channel
ACURUS	ACT3(RI)	D/D/P/3/ DTS	D/R/F/C/P	8	No	4	3F, 2S, 2SW	2	4	Yes	No	V/S		1799.00	Automatic switching for stereo, Dolby Pro Logic, Dolby Digital (AC-3), and DTS; channel rebalancing for each surround mode.		
ADCOM	GTP-740(RI)	DP/3	D/F/P	3	Yes	6	3F, 2S, 2SW		4	Yes	No	V/S		0.02	90	Tuner/preamp/surround (see also "Tuners" and "Preamps"); two-zone operation; S-video and composite-video outputs; learning remote.	
	GTP-600(RI)	DP/O	D/R		No	4	3F, 2S, SW		3		Yes	V/T/S		1100.00	Tuner/preamp/surround (see also "Tuners" and "Preamps"); S-video and composite-video inputs and outputs; learning remote.		
	GSA-700(RI)	DP/O	D/R		No	2	3F, 2S, SW		3	Yes	V/T/S	50 x 2, 80 x 1		800.00	Add-on Dolby Digital (AC-3) decoder.		
	GDD-1	3		4	Yes		3F, 2S, SW			No	V/S		0.02	90	800.00		
AMC (Continued)	AV81HTc(RI)	D/DP	D/R	0	No	4	3F, 2S, SW	2	1	Yes	No	V/T/S		0.01	95	849.00	Preamp/surround (see also "Preamps").

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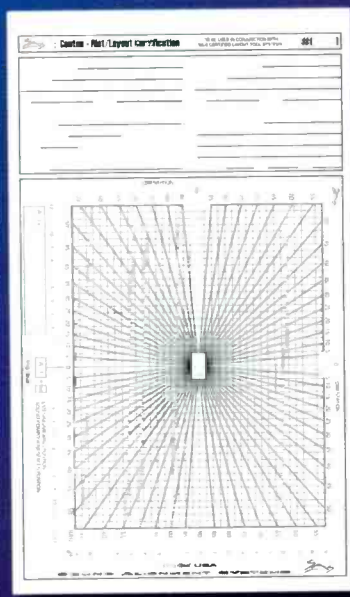
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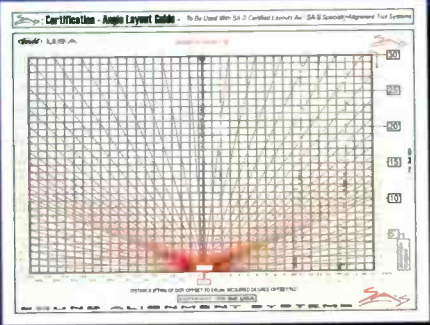
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# SURROUND SOUND & AMBIENCE PROCESSORS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Decoding Type—See Table	UNIT TYPE		INPUTS & OUTPUTS							Hall/Room Simulation	Stereo Simulation?	Preamp Functions: Volume = V, Tone = T, Source Selection = S	Continuous Amp Power, Watts per Channel	THD, %	S/N, A-Weighted, dB	Price \$	Notes	OUTPUT CODE
			Processing Techniques: Delay=D, Comb Filtering=C, Phase Manipulation=P, Other=O	Number of Digital Inputs	RF (Laserdisc AC-3) Input?	Number of Video Inputs	Number and Use of Outputs— See Code	Number of Tape Monitors	Hall/Room Simulation Adjustments?	Preamp Simulation?										
AMC (Continued)	AV81HT-THX (RI)	D/DP/THX	D/R/F/C/P	0	No	4	3F, 2S, SW	2	0				V/T/S		0.01	95	1349.00	As above.	2F—Left & Right Front	
	AV81HTc-DD (RI)	D/DP/3	D	2	No	4	3F, 2S, SW	2	0				V/T/S		0.01	95	1399.00	Preamp/DAC/surround (see also "Preamps"). Add-on Dolby Digital (AC-3) decoder; six-channel pass-through for matrix surround decoders.	3F—Left, Center, & Right Front	
	MD-DD(RI)	D/DP/3	D	2	No	0	3F, 2S, SW	0	0				V/S		0.01	95	1299.00		2S—Left & Right Surround	
	PRO 7(RI)	D/DP	D/R	0	No	0	3F, 2S, SW	1	1				V/S	†	0.01	95	549.00	2B—Left & Right Back		
ANGSTROM	200(RI)	DP/DTS	D/O	3	No	6	3F, 2S, 3B, SW	1	0			No	V/S		0.002	102	3900.00	Add-on Dolby Digital (AC-3) decoder for model above. Optional video switcher, Model 100-V, \$195.00.	3B—Left, Center, & Right Back	
	205	3	D	5	Yes	0	3F, 2S, 3B, SW	1	0			No	V/S		0.002	102	1500.00		SW—Subwoofer	
	100(RI)	DP/3	D	4	No	0		1	0			No	V/S		0.003	98	995.00			
AUDIO DESIGN ASSOCIATES	Cinema Reference	DP/3/DTS/THX	D/R/F/C/P	9	Yes	14	3F, 2S, SW	1		Yes	Yes	V/S					8000.00	For use with model below.		
	DTS-1	D	D/O	2			3F, 2S, SW				Yes	V/S		0.03			1799.00			
AUDIO RESEARCH	SSD-66	DP	D/O				3F, 2S, SW				Yes	V/S		0.005			3999.00	Tube surround controller.		
	SSD-66AC-3	D/DP/3	D/O				3F, 2S, SW		18	10	Yes	V/S		0.005			29,000			
AUDIO SOURCE	SDP1	0	D				3B	0						0.01	100	2995.00	Variable delay, 22 to 45 ms.			
B & K COMPONENTS	SS-Five(RI)	D/DP	D/F/P	0	No	0	3F, 2S, SW	1	1	No	Yes	V	24 x 2	0.01	90	299.95				
	SS-Six(RI)	D/DP	D/F/P	0	No	0	3F, 2S, SW	1	1	Yes	Yes	V	24 x 2	0.01	90	329.95				
CAIRN	Trek(RI)	DP/3/DTS	D/R/F/C/P	5	Yes	4	3F, 2S, SW	1				V/T/S		0.001	120	2300.00	Preamp/surround (see also "Preamps"). Eight-channel preamp/surround (see also "Preamps"); data port for downloading surround software from Internet via PC.			
	Cervin(RI)	DP/3/DTS	D/R/F/C/P	5	Yes	4	3F, 2S, SW	1		Yes	No	V/T/S		0.001	120	7000.00				
CARVER	DD-5.1(RI)	D/DP/3		3	Yes	0	3F, 2S, SW	0				V/S		0.05	75	1299.00	Preamp/DAC/surround (see also "Preamps"); DB-25 output. Tuner/preamp/surround (see also "Tuners" and "Preamps"); surround-channel soundstage expansion.			
	CT-25.1(RI)	DP				2	3F, 2S, SW	1				V/S				599.00				
CHIRO	C-800	DP/THX		0	No	5	3F, 2S, SW	1	0		Yes	V/S					2198.00	Six-channel, two-zone tuner/preamp/surround (see also "Preamps"). For model above and other six-channel preamp/processors; DB-25 output connector.		
	C-5.1	3/DTS		3	Yes	0	3F, 2S, SW	0	0		Yes	V/S					1798.00			
CINEPRO PROFESSIONAL	DTC-1(RI)	D/DP/3/DTS	D/F/C/P/O	6	Yes		3F, 2S, 3SW		2	No	Yes	V/T/S		0.009	110	3495.00	Preamp/surround (see also "Preamps"); selectable low- and high-pass crossovers for satellites and subwoofers; motorized rotary controls; optional analog switch box, \$1295.00.			
CITATION	5.0	DP/3/DTS/O	D/R/F/P/O	6	No	6	3F, 2S, 2B, 2SW	1	3	Yes	Yes	V/T/S		0.02	90	3650.00	Electronic crossover; high-frequency and bass EQ; without OTS, \$3350.00.			
CLASSÉ AUDIO	SSP-50	DP/3/DTS/O		7	No	6	3F, 2S, SW	2				V/S					6500.00	Preamp/surround.		
	SSP-25	DP/3/DTS/THX/O		9	Opt.	4	3F, 2S, SW	1				V/S					3000.00	As above.		
CYRUS	AVmaster	D/DP	D/R	0	No	4	3F, 2S, SW	1	5	Yes	No	V/S	65 x 1	0.005	88		Center-channel output is speaker level.			
DENON	AVP-8000(RI)	DP/3/THX	D/R/F/C/P	5	Yes		3F, 2S, SW	2	13	Yes	Yes	V/T/S		0.005	105	3500.00	Tuner with RDS/preamp/surround (see also "Tuners" and "Preamps").			
	AVD-2000(RI)	DP/3	O/R/F	4	Yes	0	3F, 2S, SW	0	6	Yes	Yes	V/S		0.005	105	599.00	Proprietary DAC; optical digital output; six-channel analog input.			
EAD	TheaterMaster Encore(RI)	DP/3/DTS/DM	D/F/O	6	No	6	3F, 2S, SW		0		Yes	V/S		0.001	98	2995.00	Preamp/DAC/surround (see also "Preamps" and "D/A Converters"); touch screen; digital adjustable crossover; auto setup; upgradable to models below.			
	TheaterMaster Ovation(RI)	DP/3/DTS/DM	D/F/O	6	No	6	3F, 2S, SW		0		Yes	V/S		0.001	110	4495.00	Preamp/DAC with HCCD/surround (see also "Preamps" and "D/A Converters"); other features as above; upgradable to model below.			
	TheaterMaster Signature(RI)	DP/3/DTS/DM	D/F/O	6	No	0	3F, 2S, SW	2	0		Yes	V/S		0.001	113	6495.00	As above.			
GOLDEN THEATER	GTX-1(RI)	D/DP/3/DTS	D/R/F/C	7	No	5	3F, 2S, SW	3	5	Yes	Yes	V/S		0.02		1995.00	Preamp/surround (see also "Preamps"); universal remote.			

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# SURROUND SOUND & AMBIENCE PROCESSORS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	DECODING TYPE	UNIT TYPE		INPUTS & OUTPUTS							Hall/Room Simulation	Stereo Simulation?	Preamp Functions: Volume = V, Tone = T, Source Selection = S	Continuous Amp Power, Watts Per Channel	THD, %	S/N, A-Weighted, dB	Price, \$	OUTPUT CODE	Notes
			Decoding Type—See Table	Processing Techniques: Delay=D, Reverb=R, Frequency Shaping=F, Comb Filtering=C, Phase Manipulation=P, Other=O	Number of Digital Inputs	RF (Laserdisc AC-3) Input?	Number of Video Inputs	Number and Use of Outputs—See Code	Number of Tape Monitors	Number of Hall/Room Simulations	Preamp Simulation?									
HARMAN KARDON	Signature 2.0	DP/3/0		6	No	6	3F, 2S, SW	6	8	Yes	Yes	V/T/S	0.03	85	2499.00	2F—Left & Right Front	Tuner/preamp/surround (see also "Preamps"); upgradable for DTS. Preamp/surround (see also "Preamps").			
	PT2500	DP/0		0	No	4	3F, 2S, SW	2	2	Yes	Yes	V/T/S	0.02	95	529.00	3F—Left, Center, & Right Front				
INTERACTIVE LABS	EI Dorado(RI)	D/DP/3	D/R/F/C/P	16	Yes	12	3F, 2S, SW	1		Yes					2999.00					
JBL	SDP-2D(RI)	D/DP/3/DTS/THX/O	D/R/F/C/P/O	4	Yes	5	3F, 2S, 2B, SW	1	15	Yes	Yes	V/T/S	0.01	90	6000.00		All-digital processing; two-zone output; serial control jack; SDP-RFD RF demodulator.			
JVC	XPA1010TN (RI)	0	D/R/F/P/O	3			2F, 2S, 2B	1	†	Yes		V/S	0.002	110	1200.00		†20 preset, 20 user-settable.			
	SUA400(RI)	D/O	D/P/O				2S	1	1			V	10 x 2	0.5	85	305.00				
KENWOOD	KC-Z1(RI)	D/DP/3/THX		4	Yes		3F, 2S, SW	1	1	Yes	No	V/T/S	0.003	101	2800.00		Tuner/preamp/surround (see also "Tuners" and "Preamps").			
KINERGETICS RESEARCH	Reference R2.8	DP/3/DTS/THX		6	No	7	3F, 2S, SW	1	0		Yes	V/S			6495.00		Two-zone, six-channel tuner/preamp/surround (see also "Preamps").			
KRELL	Audio+Video Standard(RI)	DP/3/DTS		5	Yes	8	3F, 2S, 2B, 2SW	1				V/S			12,800		Preamp/surround (see also "Preamps").			
LEXICON	DC-1/Base (RI)	D/DP	D/R/F/C/P	4	No	5	3F, 2S, 2B, SW	1	8	Yes	Yes	V/S	0.01	90	1995.00		Preamp/DAC/surround (see also "Preamps" and "D/A Converters").			
	DC-1/THX (RI)	D/DP/THX/O	D/R/F/C/P	4	No	5	3F, 2S, 2B, SW	1	8	Yes	Yes	V/T/S	0.01	90	2995.00					
	DC-1/AC-3 (RI)	D/DP/3/THX/O	D/R/F/C/P	4	†	5	3F, 2S, 2B, SW	1	8	Yes	Yes	V/T/S	0.01	90	4500.00		As above. †With LDD-1 demodulator (listed below).			
	DC-1/DTS (RI) LDD-1	D/DP/3/DTS/THX/O	D/R/F/C/P	4	†	5	3F, 2S, 2B, SW	1	8	Yes	Yes	V/T/S	0.01	90	4995.00		As above.			
				2	Yes										699.00		RF demodulator for laserdisc Dolby Digital (AC-3) output.			
LINN	AV5103(RI)	DP/3/0		5	Yes	10	3F, 2S, SW	3				V/S			8495.00		Preamp/surround (see also "Preamps"); Limik surround.			
MARANTZ	AV-550(RI)	DP/3		3	Yes	5	3F, 2S, SW					V/T/S	0.01	100	1000.00		Tuner/preamp/surround (see also "Preamps").			
	DP-870(RO)	3		3	Yes		3F, 2S, SW					V/S	0.01	100	700.00					
McINTOSH	MX130(RI) MAC-3(RI) MSD4	DP DP/3 D/3/DTS	D/F/P/O	4 4 4	Yes Yes Yes	5 0	3F, 2S, SW 3F, 2S, SW 3F, 2S, SW	2 0 0	1 0 0	Yes No Yes	No	V/T/S V/S V/T/S	0.005 0.005 0.005	90	4800.00 2500.00 3250.00		Optional Home THX module.			
MERIDIAN	565 7.1(RO)	D/DP/3/DTS/THX/O	D/F/P/O	2	No	1	3F, 2S, 2B, SW	0	11	Yes	No	V/T/S			4995.00		Preamp/surround (see also "Preamps"); decodes MPEG-2 and Meridian Lossless Packing compression systems; ambience extraction; optional remote, \$99.00.			
	561(RI)	D/DP/3/DTS/THX/O	D/F/P/O	7	No	8	3F, 2S, 2B, SW	2	11	Yes	No	V/T/S			4495.00		Multi-zone preamp/surround (see also "Preamps"); decoding and extraction as above; software upgrades posted on Internet.			
	861(RI)	D/DP/3/DTS/THX/O	D/F/P/O	†	No	†	†	†	11	Yes	Yes	V/T/S			†		As above; modular, †\$9950.00 to \$16,000, depending on options (base unit: seven digital inputs, no outputs; optional analog inputs: balanced line, unbalanced line, MM phono, or MC phono; optional analog outputs: four- or eight-channel balanced or unbalanced line and two-channel tape and headphone; optional additional digital inputs; coaxial and Toslink or AT&T and AES/EBU; optional coaxial digital outputs; eight optional digital inputs; two optional video outputs; optional on-screen display).			
MSB TECHNOLOGY	DDP-2X(RO) DTS Upgrade	3/DTS DTS	D	2	Yes	0	3F, 2S, SW	0	0		Yes	V/S	0.01	98	2195.00 699.00		Three digital outputs. DTS upgrade for Dolby Digital (AC-3) decoder, preamp, receiver, or integrated amp.			
NAD	917(RI)	DP	D				3F, 2S, SW	1	3	No		V/T/S			699.00		Tuner/preamp/surround (see also "Tuners" and "Preamps"); on-screen display.			
NAIM AUDIO	NA AV1	0	D/P/O	0	No	0	2B	0							3600.00		Naim SFX processing; 20-bit DSP.			
NuREALITY	Vivid 3D Theater(RI)	0	0	0	No	0	2F					V/S	0.05	90	249.95		Sound Retrieval System (SRS).			
ONKYO	ED-301	DP/3	D/F/O	2	No	2	3F, 2S, SW					V/T/S	0.08	96	400.00		Lucasfilm re-equalization circuit; S-video inputs and output; DB-25 audio output.			
PARASOUND	P/SP-1500 (RI)	DP/THX	D/F	0	No	4	3F, 2S, SW	2	7	No	No	V/S	0.005	105	995.00		Preamp/surround (see also "Preamps"); on-screen programming; upgradable to Dolby Digital (AC-3) with model below.			
	P/DD-1500	3	D	4	Yes	0	3F, 2S, SW	0	1	No	No		0.001	110	995.00					



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**3rd Generation:** TheaterMaster now offers 3rd generation technology. Up to 12 previously separate circuits have been integrated onto cutting-edge IC's, enhancing performance, upgradability, and reliability. Flawless decoding of Dolby Digital<sup>®</sup>, DTS<sup>™</sup>, HDCD<sup>®</sup>, Dolby Pro-Logic<sup>®</sup> and audiophile stereo is now possible at prices that will amaze you. You, the consumer, benefit most from this price/performance revolution.

**Sound:** *Extraordinary.* The original TheaterMaster was used by Hollywood to produce over 200 AC-3 movie releases. New enhancements in EAD's award-winning AccuLinear<sup>®</sup> and Digital Flywheel<sup>™</sup> circuitry achieve even greater levels of sonic realism and emotional involvement. Purity that establishes a new standard.

**Ergonomics:** With a back-lit, touch-screen programmable remote and front-panel LCD screen, TheaterMaster offers the slickest, most comprehensive user interface in the industry. Set-up, volume control, and audio/video switching are accomplished effortlessly. Controls all components in your system.



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CIRCLE NO. 86 ON READER SERVICE CARD

# SURROUND SOUND & AMBIENCE PROCESSORS

MANUFACTURER	Model (RI) = Remote Included (RO) = Remote Optional	DECODING TYPE	UNIT TYPE		INPUTS & OUTPUTS					Hall/Room Simulations	Stereo Simulation?	Preamp Functions: Volume = V Tone = T, Source Selection = S	Continuous Amp Power, Watts per Channel	THD, %	S/N, A-Weighted, dB	Price, \$	Notes	OUTPUT CODE
			Decoding Type—See Table	Processing Techniques: Delay=D, Reverb=R, Frequency Shaping=F, Comb Filtering=C, Phase Manipulation=P, Other=O	Number of Digital Inputs	RF (Laserdisc AC-3) Input?	Number of Video Inputs	Number and Use of Outputs—See Code	Number of Tape Monitors									
PERREAUX	AVP1(RI)	D/DP/3	D/R/F/P	3	Yes	5	3F, 2S, SW	2				V/S				2495.00	Preamp/surround (see also "Preamps"). As above.	2F—Left & Right Front
	EDSP(RI)	D/DP/3	D/R/F/P		Yes		3F, 2S, SW	2				V/S				1995.00		3F—Left, Center, & Right Front
PROCEED	PAV(RI)	DP/THX	D	0	No	4	3F, 2S, SW	4	0		Yes	V/S		0.03	80	4195.00	Multi-zone preamp/surround (see also "Preamps"); on-screen programming; upgradable to accept model below. 24-bit/96-kHz processing; software and hardware upgradable.	2S—Left & Right Surround
	PDS	DP/3/DTS/THX/O		11	Opt.	0	3F, 2S, SW		0							4695.00		2B—Left & Right Back
	AVP(RI)	DP/3/DTS/THX/O	D	7	Opt.	8	3F, 2S, 2B, SW	1						0.05	105	4995.00		3B—Left, Center, & Right Back
PROTON	AS-2620(RI)	DP/3	D	4	Yes	5	3F, 2S, SW	2	0		Yes	V/S		0.001	90	1000.00	SW—Subwoofer	
REVOX	S 20 Elegance(RO) Exception (RI)	D/DP/3	D/R	2		3	3F, 2S, 2B, SW	2	0		Yes	V/T/S	35 x 2, 50 x 1, 150 x 3	0.003	105	2200.00	Upgradable to DTS.	
		D/DP/3	D/R/F/C/P	4	Yes	4	3F, 2S, SW	2	10	Yes	Yes	V/T/S		0.001	110	5500.00	20-bit DAC; built-in menu display screen and center-channel speaker.	
ROTEL	RSP-975(RI)	DP/3	D/R/F/C/P	4	Yes	4	3F, 2S, SW	1	3	Yes	Yes	V/T/S		0.03	100	999.00	DB-25 output.	
	RSP-985(RI)	DP/3	D/R/F/C/P	4	Yes	4	3F, 2S, SW	1	4	Yes	Yes	V/T/S		0.03	100	1899.00		
	RDA-975(RI)	3		2	Yes	0										700.00		
SHERWOOD	Newcastle AVR-9080 (RI)	DP/3/DTS	O	3	Yes	6	3F, 2S, SW	2	4	No	No	V/T/S		0.003	90	1199.95	Tuner/preamp/surround (see also "Tuners" and "Preamps").	
SONIC FRONTIERS	Cinema Series SSP-1	D/DP/3/DTS	D/R/F/C/P/O	9	No	6	6F, 4S, SW	2		No	Yes	V/S		0.005	110	7999.00	Multi-room, multi-zone; 20-bit DACs; on-screen menus.	
SONY	SDP-800	D/DP/3	D/R/F	5	Yes	4	3F, 2S, SW		41	Yes	No	V/T/S				480.00		
SONY ES	SDP-EP9ES	D/DP/3	D/R/F	4	Yes		3F, 2S, SW	0		Yes	No	V/T/S				750.00	Preamp/surround.	
SOUND CONCEPTS	SSD-550	O	D/R/F	2			2F, 2S					V		0.01	90	975.00	Variable delay, 5 to 100 mS.	
SUNFIRE	Theater Grand(RI)	DP/3/DTS	D	5	No	5	3F, 2S, 2B, 3SW	1	5	No	Yes	V/T/S		0.1		2995.00	Tuner/preamp/surround (see also "Tuners" and "Preamps").	
TANDBERG	TCA 4138	DP/3	D/R/F/C/P	1	No	4	3F, 2S, SW	1			Yes	V/S		0.001	108	1999.00	Preamp/surround (see also "Preamps"); optional chassis for additional A/V inputs and outputs.	
TECHNICS	SH-GE90	O	D/R/P	2	No		2F		6	No	Yes	V		0.08	86	399.95	Digital sound processor with parametric EQ; six additional "sound" presets; two mike inputs; karaoke/voice mute; spectrum analyzer.	
	SH-AC300(RI) SH-AC500D (RI)	DP/3/3/DTS	D	2 4	Yes Yes		3F, 2S, SW 3F, 2S, SW					V/T/S		0.007 0.007	96 96	299.95 300.00		
THETA DIGITAL	Casa Nova(RI)	D/DP/O		9			3F, 2S, SW	3	0		No	V/S		0.002	115	3000.00	Modular preamp/DAC/surround (see also "Preamps" and "D/A Converters"); includes crossover; Dynaquad and proprietary logic matrix surround; optional Dolby Digital (AC-3), DTS, Circle, and Spatializer surround; optional laserdisc AC-3 RF input; optional video switching.	
	Casablanca (RI)	D/DP/O		8			3F, 2S, SW	1	0		No	V/S		0.002	120	5745.00	Modular preamp/DAC/surround (see also "Preamps" and "D/A Converters"); includes crossover; proprietary logic matrix surround; optional Dolby Digital and DTS decoding, \$500.00 each (\$800.00 for both); optional laserdisc AC-3 RF input, \$400.00; optional video switching; additional digital inputs and analog surround outputs optional.	
ULTIMATE SOUND	HT-1000CP (RI)	DP	D/R		No	2		1	5		Yes		40 x 4, 70 x 1	0.003	105	299.95	Built-in center-channel speaker.	
VAC	CVA-2	DP/3/DTS	F/C/P	4	Yes	4	3F, 2S, SW	0	0		No					6690.00		
YAMAHA	DSP-E492 (RO)	DP/O	O	0	No	3	3F, 2S, SW	1	6	Yes	Yes	V/S	60 x 3	0.04	95	399.00	Dolby Digital (AC-3) ready; Digital Sound Field Processing.	
	DDP-2	DP/3/O	O	4	No	2	3F, 2S, SW	0			No	V/S				105	399.00	Tri-Field Digital Sound Field Processing.

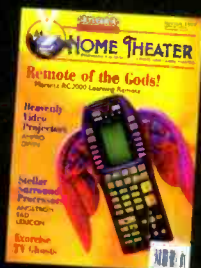


"Few products on the market can rightfully call themselves paragons – the highest possible achievement within current state-of-the-art technology. The DC-1 surround controller is such a product."

Ron Goldberg, *E-Town*, June 1997

"...the DC-1's sound quality was little short of stunning. No component I've heard can provide the depth of DSP ambience processing (and extraction), user-customization, and flexibility of the DC-1."

Daniel Kumin, *Video*, January 1998



"The DC-1 did a better job of serving both music and soundtracks than any surround processor I've experienced to date."

J. Gordon Holt, *Stereophile Guide to Home Theater*, Winter 1996

"The surround steering has the sort of drive-by-wire precision that even Ferrari can't match. The DC-1 is one of the nearest things the home entertainment industry has to being a classic."

*Home Entertainment*, April 1997



"The best digital surround processor to date at any price."

David Frangioni, *EQ*, May 1998

"The Lexicon DC-1 clearly competes with the finest and most costly processors available, despite its comparatively modest price...It has the best ergonomics and real-world features of any A/V preamp/processor I have encountered."

Anthony H. Cordesman, *Audio*, June 1998



"Looking for the most advanced digital processing you can buy? This [DC-1] is it, no contest."

*Home Theater Buyer's Guide*, Winter 1996-97

"The DC-1 produces staggering audio. It's easy to set up and it delivers every conceivable (and inconceivable) surround mode – both for home cinema and music. If you are a connoisseur of home cinema, then look no further."

Bob Tomalski, *Home Cinema Choice*, June 1997



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# SIGNAL PROCESSORS

MANUFACTURER	Model (RI)=Remote Included, (RO)=Remote Optional	Type of Processing	Function: Closed Loop=C, Open Loop=O, Transient=T	Application: Recording=R, Phono=P, FM=F, Universal=U	Simultaneous Encode/Decode?	Play/Back Only=P, Record/Play=RP	THD, %	Frequency Response, Hz to kHz, ±dB	Price, \$	Notes
AUDIOCONTROL	Phase Coupled Activator Series III	Proprietary Digital Bass Restoration	O	U	No	RP	0.005	25-20 ±0.5	299.00	Speaker and line-level inputs (see also "Crossovers"); bass time correction; programmable infrasonic filter.
AUDIO ENGINEERING ASSOCIATES	MS380TX	M-S Encoder and Decoder		U	Yes	RP	0.04	10-30 ±0.5	2395.00	Mike preamp with balanced mike inputs; supplies phantom power for mikes; simultaneous left/right and M-S unbalanced outputs; high-pass filter.
	MS38 Mk II	M-S and Stereo Effects Processor		U	Yes	RP	0.06	10-30 ±1	585.00	Balanced and unbalanced mike inputs; left/right or M-S unbalanced line inputs and outputs; stereo-width control; AC or 18-V DC powered.
	MS38 Lite	M-S Decoder		U	No	RP	0.08	20-20 ±1	305.00	Battery-powered portable; headphone amp; stereo-width control.
CEDAR AUDIO	DCX CRX	Click Suppressor	T	U	Yes			20-20	5995.00	Digital inputs and outputs only.
		Crackle Suppressor	T	U	Yes			20-20	6495.00	As above.
	DHX	Hiss Suppressor	T	U	Yes			20-20	6875.00	As above.
DB SYSTEMS	DB-7	Polarity Inverter/Infrasonic Filter	O	U		RP	0.003	20-20 +0,-0.2	235.00	Requires DB-2A power supply, \$140.00.
DGX AUDIO	DDA-1	Phase Correcting Deconvolution	O		No	P	0.01	20-20 ±0.1	1995.00	Processor/amp with D/A conversion for loudspeaker correction (see also "Amps"); includes two DDL-1 speakers.
ESOTERIC SOUND	Surface-Noise Reducer	Transient	O/T	P	No	RP	0.02	20-20 ±0.2	499.00	De-clicking and scratch removal for LPs and 78s.
KAB ELECTRO-ACOUSTICS	Souvenir-VSP	Noise Suppressor	O	P		P	0.07	30-15	329.00	For replay of 78s; eight selectable EQs; two-speed Dynamic NR; scratch filter; right or left groove-wall select; mono with stereo bypass; MM phono only (see also "Preamps").
	Souvenir-VSP/INL	Noise Suppressor	O/T	P		P	0.07	30-15	429.00	As above; impulse noise limiting.
LEGACY AUDIO	Steradian	Room Acoustics Compensator	C	U	No	P	0.01	10-100	1295.00	Balanced and unbalanced inputs and outputs.
LIRPA LABS	Scratch/Pop Gun	Surface Smoothing	†	P		P			3792.00	LP surface-restoration device; fires cork across surface areas in need of buffing (certified by NRA and Handgun Control); pistol shape for accurate aiming; optional spiked cork for undesired records; with upgraded cork, \$8997.00. †Cord loop prevents loss of cork; silver-Litz loop, \$673.00.
PHILIPS ISP	IS5021	†	O/T	U	No	RP	††	20-20	595.00	†Digital (20-bit A/D conversion and processing, 16-bit D/A conversion); scratch suppressor, de-clicker, sampling-rate converter, compander, spatial expander, low-pass treble filter, noise shaper, jitter reducer, and fader; preserves digital pitch shifts in recording. ††Analog in and out, 0.004%; digital in and out, 0.002%. Digital tone, balance, and volume controls.
PUREST SOUND SYSTEMS	Line 600	Isolation Transformer	O	U		RP	0.002	10-35 ±0.5	395.00	Input, 600-ohm unbalanced; output, 600-ohm unbalanced or 150-ohm balanced.
RANE	DC 24	Compressor/Limiter/Expander/Noise Gate		R	Yes	RP	0.05	20-20 +0,-0.05	599.95	Dynamic processor; includes crossover; independent high- and low-frequency processing for mono signals.
	MC 22	Compressor/Limiter		R	Yes	RP	0.01	20-20 +0,-0.05	299.00	XLR and phone inputs and outputs; downward expansion below -55 dB.
SERVODRIVE	HummFree	Ground-Loop Hum Eliminator	C	U				DC-VHF	599.95	Optional custom inputs and outputs.
SIGTECH	T921D	Room-Response Correction		U			0.001	20-20 ±0.5	6490.00	Room measurement and calibration by dealer; coaxial, Toslink, and AES/EBU digital inputs and outputs.
	T921D-F(RO)	Room-Response Correction		U			0.001	20-20 ±0.5	7790.00	As above; three memories; optional 20-bit D/A conversion, \$1200.00.
	T1121B-FR(RI)	Room-Response Correction		U			†	20-20 ±0.5	9990.00	Room measurement and calibration, digital inputs and outputs, and memories as above; 20-bit A/D and D/A conversion; balanced and unbalanced analog inputs and outputs. †Analog in and out, 0.004%; digital in and out, 0.001%.
	Home Theater System(RO)	Room-Response Correction		U			†	20-20 ±0.5	From 12,500	Room measurement and calibration by dealer; four channels, expandable to six; 18-bit A/D and D/A conversion (20-bit optional); one memory (additional memories optional); balanced and unbalanced analog inputs and outputs; optional digital inputs and outputs.
SIMA PRODUCTS	SVS-1	Compressor	C/O	U	No	RP	0.1	20-20 ±1	59.95	Volume stabilizer.
	SVS-4(RI)	Compressor/Expander	C/O	U	No	RP	0.1	20-20 ±1	149.95	Four-input A/V switcher; automatic source selection; volume stabilizer.
SNELL ACOUSTICS	RCS-1000(RI)	DSP Speaker and Room-Response Correction		U			0.005	0-20	15,000	Balanced and unbalanced inputs and outputs.
SOURCE COMPONENT ELECTRONICS	HRS	Harmonic Recovery	T	U	No		0.003		499.00	Unbalanced inputs and outputs; with fully balanced circuitry, \$799.00.
SPL	Hi-Fi Vitalizer	Tone and Image Enhancer	C	U			0.002	20-22 ±0.25	699.00	Controls bass Q, loudness compensation, harmonic enhancement, and stereo image width; retains phase coherence for matrixed surround signals.
	Stereo Vitalizer 9319	†	O	U		RP	0.002	20-22 ±0.25	599.00	†Signal-controlled parametric equalization (see also "Equalizers"), phase manipulation, and harmonic restoration. Balanced XLR or unbalanced phone jacks; with bass gain-reduction and treble-enhancement controls. Stereo Vitalizer 9526 MK2, \$699.00.

(Continued)

# SIGNAL PROCESSORS

MANUFACTURER	Model (RI) = Remote Included, (RO) = Remote Optional	Type of Processing	Function: Closed Loop=C, Open Loop=O, Transient=T	Application: Recording=R, Phono=P, FM=F, Universal=U	Simultaneous Encode/Decode?	Playback Only=P, Record/Play=RP	THD, %	Frequency Response, Hz to kHz, $\pm$ dB	Price, \$	Notes
SPL (Continued)	Tube Vitalizer 9530	†		R		RP	0.002	20-100	3299.00	†Signal-controlled parametric equalization, phase manipulation, and harmonic restoration. Balanced XLR or unbalanced phone jacks.
	Charisma 9733	†		R		RP	0.007	30-30	799.00	†Warms sound. Eight-channel version, Charisma 9527, \$1699.00.
	Auto Dynamic De-Esser 9629	†		R		RP	0.002	20-50	599.00	
	Spectralizer 9631	†		U		RP	0.002	32-48	3489.00	†Digital harmonics processor.
	Loudness Maximizer 9632	†		U		RP	0.002	20-20	3489.00	†Maximizes headroom and apparent loudness.
	DynaMaxx 9735	Compressor/Expander/Limiter/Noise Gate	O	U		RP	0.002	10-150 $\pm$ 3	869.00	Downward and upward expansion; automatically matches processing attack, sustain, and release times to signal.
TACT AUDIO	TACT 2.2	Digital Room Correction	C	U	Yes	P	0.003	0-22	7900.00	For main and subwoofer channels.
TADDEO	Digital Antidote II	Phase Correction			No	P	0.00004	5-17 $\pm$ 2	550.00	With silver wiring, \$750.00.
TRUE DIMENSIONAL SOUND	Passive AT	Harmonic Enhancement	O	U	Yes	RP		0-78	195.00	Passive; upgraded version, Passive Audiophile, \$395.00.
TUBE TECHNOLOGY	Tubeulator	Multi-Channel Tube Buffer	O	U		RP	0.05		750.00	Eight-channel.
VISTA	SSM-2000	Dynamic Noise Reduction/Compression	O	U	No	RP	0.02	10-35 $\pm$ 0.5	125.00	
Z-MAN	Audio Signal Enhancer (ASE)	Vacuum Tube Buffer Stage	O	U	Yes	P	0.015	20-20 $\pm$ 0.01	198.00	Line level.

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# CROSSOVERS

MANUFACTURER	Model	Type: Active=A, Passive=P, Combined Active & Passive=C	Stereo=S, Mono=M, Other=O	Subwoofer Outputs: Stereo=S, Mono=M, Inverted for Mono Bridging=B	Number of Frequency Bands per Channel	Crossover Frequencies, Hz	Independent High- and Low-Pass Frequency Selection?	Frequency Setting: Fixed=F, Switchable=S, Variable=V, Plug-in Modules=P	Level Controls: High-Pass=H, Midrange=M, Low-Pass=L (or Total Number of Controls)	S/N Ratio, dB	Distortion, %	Input Impedance, Ohms	Output Impedance, Ohms	Price, \$	Notes
ACCUPHASE	F-25	A	S/X/M	S/M	2	70-800 or 1k-12.5k	Opt	P	H/L	100	0.003	†	50	6795.00	†Balanced, 40 kilohms; unbalanced, 20 kilohms. Upgradable to four-way with optional boards (\$375.00 each).
ALTERNATE AUDIO	EC6	A	S/X	S/M/B	2	100-10k	No	P	H/L	92	0.01	100k	100	1000.00	Constant-phase design.
AMERICAN POWER AND LIGHT	Complementary Solid State	A	S/X	S/M/B	2	40-100	Yes	V	H/L	95	0.001	55k	100	2000.00	Balanced and unbalanced inputs and outputs; selectable high- and low-pass slopes (6, 12, 18, or 24 dB/octave). Kit; selectable high- and low-pass slopes (6 or 12 dB/octave).
	All Vacuum Tube	A	S	S	2	40-100	Yes	V	H/L	100	0.01	50k	250	800.00	
ANALOG RESEARCH	Custom	A	S	S	2	Custom	Yes	F	L	90	0.01	50k	150	800.00	Optional external power supply.
ATC	EC23	A	S	S	3	100-2k, 1k-20k		V	H/M/L	90	0.003		600	2199.00	
AUDIO ARTS	XVR-1	C	S/X	S/M	2	20-5k	Yes	P	L	110	0.0006	60k	100	299.00	6-, 12-, or 18-dB/octave slope; bass EQ; choice of active or passive high-pass; kit, \$269.00.
AUDIOCONTROL	Rialto	A	O	S	2	50-4.5k	No	P	H/L	113	0.008	100k	150	599.00	Seven channels with stereo subwoofer out; Linkwitz-Riley alignment; 24-dB/octave slope (see also "Equalizers"). Linkwitz-Riley alignment; 1/2-octave bass EQ and analyzer (see also "Equalizers"). Linkwitz-Riley alignment; 24-dB/octave slope; proprietary bass-restoration circuits; bass time compensation; subsonic filter; speaker and line-level inputs (see also "Signal Processors").
	Richter Scale Series III	A	S/X	S/M/B	2	50-4.5k	No	P	L	120	0.005	100k	150	349.00	
	Phase Coupled Activator Series III	A	S	S	2	50-4.5k	No	P	L	118	0.005	100k	150	299.00	
BAG END	ELF-1-120	A	S	S	2	95, 50-205		V	H/L	89		25k	50	2680.00	
	ELF-M2	A	X	M	3	95, 50-5k, 1k-20k		P	H/M/L	89		100	100	1320.00	
	ELF-M	A	X	M	2	95, 50-200		P	L	89		100	100	1080.00	
BRYSTON	10B LR	A	S/X/M	S/M	†	40/50/60/70/80/90/100/200/250/300/400/500	Yes	S	H/M/L	90				1395.00	†Usable as stereo two-way or mono three-way. Linkwitz-Riley alignment; independent high- and low-pass frequency selection; 6-, 12-, or 18-dB slope in stereo and 24- or 36-dB/octave slope in mono, with balanced input and output, \$1650.00, without Linkwitz-Riley circuit, \$1295.00.
BST	Fudge 232	A	X	M		250-6k	No	V	H/L	95	0.03	100k	220	189.00	
CABASSE	Polaris	A	S	S	2	50-200	Yes	V	L					†	†Included with Cabasse Baltic and Stromboli speakers.
CALIBRATION STANDARD INSTRUMENTS	LE-1	A	M/O	M/B	1	16-200	Yes	V/P	3	92	0.02	10k	100	990.00	ELF system.
	HLE-2	A	S/O	S/M/B	2	30-200	Yes	S/P	6	92	0.02	10k	600	Each 2490.00	As above.
DAC LABS	AU 3	P	M			2k-8k		S						25.00	Kit.
	WK 1	P	M			100-300		S						Each 25.00	As above.
DB SYSTEMS	DB-3-18	A	S/X	S/M/B	2, 3	Optional	Yes	F	H/M/L	100	0.0008	47k	700	From 540.00	18-dB/octave slope; 6 or 12 dB available.
	DB-3-24	A	S/X	S/M/B	2	Optional	Yes	F	H/L	100	0.0008	47k	700	750.00	Linkwitz-Riley alignment.
	DB-3-36	A	S/X	S/M/B	2	Optional	Yes	F	H/L	100	0.0008	47k	700	840.00	36-dB/octave slope.
ELECTRO-VOICE	DX-34A	A	S/M	S/M/B	†	20-5k, 50-12.5k, 50-20k, 500-20k	Yes	V	4	102	0.01	20k	100	2264.00	†Usable as stereo two-way or mono three- or four-way. Limiters; delay; parametric EQ; balanced inputs and outputs.
ENERGY	EAC	A	X	M	2	50-150	Yes	V	H/L					250.00	Variable bass EQ to +6 dB at 50 Hz, -3 dB at 30 Hz; 220/240-V version available.
FM ACOUSTICS	236-X100 MK II	A	S	S	2	50-2k	Yes	P	H/L	110	0.008	30k	1	16,500	Balanced inputs; with balanced inputs and outputs, \$19,980.
	236-X1000 MK II	A	S	S	2	500-20k	Yes	P	H/L	110	0.008	30k	1	16,500	As above.
	236/4-3 MK II	A	M	M	3	50-20k	Yes	P	H/M/L	110	0.009	40k	5	14,800	Balanced Inputs and outputs.
	236/4-4 MK II	A	M	M	4	50-20k	Yes	P	4	110	0.009	40k	5	Each 17,800	As above.
HARRISON LABORATORIES	SEMOD	A	†	S	2-4		Yes	S		90	0.05	10k	10	459.00	†Selectable: stereo two-, three-, or four-way crossover with multiband EQ for each speaker or two-channel, 15-band EQ on alternating 1/3-octave spacing (see also "Equalizers"). Switchable noise gate; without 30-band peak indicator display, \$351.00.
HSU RESEARCH	HDEC	A	S	S	2	28-155	Yes	P	L	90	0.01	100k	100	450.00	24-dB/octave slope; Linkwitz-Riley alignment, Class A.

# CROSSOVERS

MANUFACTURER	Model	Type: Active=A, Passive=P, Combined Active & Passive=C	Stereo=S, Stereo with Mono Subwoofer Output=X, Mono=M, Other=O	Subwoofer Outputs: Stereo=S, Mono=M, Inverted for Mono Bridging=B	Number of Frequency Bands per Channel	Crossover Frequencies, Hz	Independent High- and Low-Pass Frequency Selection?	Frequency Setting: Fixed=F, Switchable=S, Variable=V, Plug-in Modules=P	Level Controls: High-Pass=H, Midrange=M, Low-Pass=L, (Or Total Number of Controls)	S/M Ratio, dB	Distortion, %	Input Impedance, Ohms	Output Impedance, Ohms	Price, \$	Notes
JADIS	JF 1	A	S	S	2	200		F	H/L					7495.00	Other crossover points available; 12-dB/octave slope. Other crossover points available; 24-dB/octave slope.
	JF 3	A	S	S	2	200		F	H/L					11,995	
JANIS	Interphase 1A	A	X	M	2	100	No	F	L	98	0.01	200k	100	950.00	125-watt integral bass amp; 18-dB/octave Butterworth filters; extra low-pass line output. 18-dB/octave Butterworth filters. †Included with Marovkis System 3A subwoofer. 70-watt integral bass amp.
	Interphase 3AT Interphase 3A	A A	X X	M M	2 2	100 100	No No	F F	L L	98 96	0.01 0.02	200k 200k	100 100	750.00 †	
JRM	3BPB/X8	A	S/X	S/M/B	†	75-600, 180-1.5k, 1.2k-10k	Yes	P	8††	110	0.001	10k		1755.00	†Usable as stereo two-, three-, or four-way. ††0.5-dB steps. Cascaded 18-dB/octave filters; stereo and bridging outputs for all sections; infrasonic and ultrasonic filters; optional EQ for each band. As above but two-way only.
	3BPB/X4	A	S/X	S/M/B	2	Optional	Yes	P	4††	110	0.001	10k		1215.00	
KINERGETICS RESEARCH	Reference SW-800R	C	S	S	2	60/80/100/120	Yes	F	L	96	0.05	20k	10	1195.00	Balanced inputs and outputs; 6-, 12-, or 18-dB/octave high-pass slope.
KINETIC AUDIO	Three-Point	P	M	M	1	60/90/180	Yes	S	H/M			8	Var.	250.00	High-pass only.
	Four-Point	P	M	M	1	60/90/180/350	Yes	S				8	Var.	Each 250.00 Each	Low-pass only.
KRELL	KBX	A	S		2	Custom	Yes	F/P	H/L			47k	10	3500.00	Three-way version available.
LORY ELECTRONICS	PBS80	P	X	M/B	2	80	No	F	L	144	.00005	8	8	119.00	For use with Lory PA21 amplifiers. As above.
	PBS90	P	X	M/B	2	90	No	F	L	144	.00005	8	8	119.00	
MARCHAND	XM6L	A	S/X	S/M	2	20-5k	No	V	H/L	100	0.01	50k	10	695.00	Digital readout of crossover frequency; 24-dB/octave slope. 24-dB/octave slope; three-way version, \$599.00; kit, \$299.00. 48-dB/octave slope; three-way version, \$699.00; kit, \$349.00. Tube; 24-dB/octave slope; kit, \$489.00.
	XM9L	A	S/X	S/M	2	20-5k	No	P	H/L	100	0.01	25k	10	499.00	
	XM16L	A	S/X	S/M	2	20-5k	Yes	P	H/L	100	0.01	25k	10	549.00	
	XM26	A	S/X	S/M	2	20-5k	Yes	P	H/L	100	0.05	1M	500	1499.00	
MIRAGE	LFX 1	A	X	M		50-150	Yes	V						250.00	Three-channel; center-channel level control.
	LFX 3	A	O	S		50-100	Yes	S						800.00	
M&K SOUND	HP-80	P	S	S	1	80	No	F						175.00	High-pass only; complements low-pass filter in M&K powered subwoofers; three-channel version, \$195.00. As above but \$95.00 for three-channel version.
	VF-80	P	S	S	1	80	No	F						75.00	
MUSIC REFERENCE	RM-3	A	S	S	2	Optional	Yes	P	H/L		0.005	50k	600	1200.00	Frequency and slope selected by changing circuit cards.
NAIM AUDIO	Super NAXO 3-6	A	S		3	Custom		F	H/M/L					1600.00	Requires separate Naim power supply.
	Super NAXO 2-4	A	S		2	Custom		F	H/L					1600.00	As above.
	NA IXD	A	S		2	Custom		F	H/L					1050.00	
NESTOROVIC LABORATORIES	NL12A Signature	A	S	S	2	200		F	H/L	90	0.01	50k	100	1400.00	
NORTH CREEK MUSIC SYSTEMS	801 Unlimited	P	M		3	380, 3k		F						1600.00	Replacement crossover for B&W Matrix 801 Series 2 or Series 3 loudspeaker. Replacement crossover for B&W Matrix 802 Series 2 or Series 3 loudspeaker. Modification to NHT SuperZero loudspeaker.
	802 Unlimited	P	M		3	400, 3k		F						1600.00	
	Super Duper Zero	P	M		2	3.5k		F						69.00	
PARADIGM	X-10	P	X	M	2	125	No	F		100	0.001	10k	100	79.00	Includes 7-meter subwoofer cable. As above; variable phase control. As above.
	X-20	C	X	M	3	50-150, 125	Yes	F/V	L	100	0.004	10k	100	159.00	
	X-30	A	X	M	3	50-150, 50/80/120	Yes	S/V	L	100	0.004	20k	100	159.00	
PUREST SOUND SYSTEMS	Tannoy-Red/ Gold	P	M		2	1k-1.5k	Yes	F/S/V	H/M/L	95	0.003			585.00	Replacement crossover for Tannoy Red and Gold drivers.
PURIST AUDIO DESIGN	Two-Way Electronic Crossover	C	S	S	2	20-1k, 100-2k	Yes	S	L	90	0.001	Var.	†	3500.00	†Low-pass, 20 kilohms.
RANE	AC-22	A	S/X/M	S/M	†	70-3.6k	No	V	H/M/L	92	0.02	20k	100	429.00	†Usable as stereo two-way or mono three-way. Balanced version, AC 22B, \$439.00. †Usable as stereo three-way or mono four- or five-way. Balanced version, AC 23B, \$549.00. One frequency control for both channels. As above.
	AC-23	A	S/M	S/M	†	70-1k, 190-7k	No	V	6	92	0.02	20k	100	529.00	
	MX-22 MX-23	A A	X X	M M	2 3	100-3.5 80-1k, 350-7k	No Yes	V V	H/L H/M/L	84 84	0.1 0.2	20k 20k	100 100	299.00 399.00	
SIGNATURE TECHNOLOGIES	LPF-2	C	S/X	S/M/B	2	80	No	F	L	92	0.01	50k	600	399.00	



# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	FINISHED CABLES			Available in Bulk?	Notes
				Connector Type	Minimum and Maximum Lengths	Minimum and Maximum Prices, \$		
AAMP	AW162CL3 AW164CL3 AW142CL3 AW144CL3	OFC OFC OFC OFC	16x2 16x4 14x2 14x4	Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana	1-1000 feet 1-500 feet 1-1000 feet 1-500 feet	.16/foot .27/foot .25/foot .43/foot	Yes Yes Yes Yes	In-wall; CL-3 rated. As above. As above. As above.
ABACUS AUDIO	Advantage	Continuous-cast Copper		Spade, Banana	1-8 feet	91.00-600.00	No	Litz.
ACARIAN SYSTEMS	Alon Black Orpheus Alon Black Orpheus	Silver/Copper Silver/Copper	13 13	Spade Spade	6-50 feet 6-50 feet	550.00/10-foot pair 400.00/10-foot pair	Yes Yes	Tri-wire. Bi-wire.
ACOUSTIC ENERGY	AESC-C3	†				10.00/foot	Yes	†Ultra-pure Ohno continuous casting copper.
ACOUSTIC RESEARCH CABLES/ AAMP	HT220, HT222, HT223 HT260, HT261, HT262, HT263 HT360, HT361, HT362, HT363, HT372 HT390, HT391, HT392 HT600, HT601, HT602, HT604	OFC OFC OFC OFC	12 16 16 18	Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana	30-500 feet 30-500 feet 30-500 feet 30-100 feet 30-100 feet	29.99-495.00 17.99-195.00 19.99-245.00 39.99-99.99 39.99-79.99	Yes Yes Yes Yes Yes	Two- and four-conductor; flat. Flat. Home theater kits.
ACROTEC	6N-1010 6N-S1030 6N-S1040 6N-S1090 6N-S1200 6N-S1080	6N Copper 6N Copper 6N Copper 6N Copper 6N Copper 8N Copper			1-100 meters 1-100 meters 1-100 meters 1-100 meters 1-100 meters 1-100 meters	40.00-4000.00 25.00-2500.00 110.00-11,000 66.00-6600.00 50.00-5000.00 300.00-30,000	Yes Yes Yes Yes Yes Yes	Two-conductor; shielded. Four-conductor; for bi-wiring.
ALPHA-CORE	MI Center Stage MI2 Veracity MI3 Divinity AG1 Tiffany AG2 Carlier AG3 Faberge	Copper Copper Copper Silver Silver Silver	13 10 7 12 9 7	Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana	Any Any Any Any Any Any	5.50/foot 10.20/foot 41.00/foot 72.50/foot	Yes Yes No Yes Yes No	Goertz. As above. As above; sold in pairs. Goertz. As above. As above; sold in pairs.
AMERICAN POWER AND LIGHT	Linear Direct Linear Direct	Silver Silver	16 14	Spade Spade	3 feet up 3 feet up	150.00-500.00 200.00-600.00	No No	Solid core; shielded. As above.

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# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	FINISHED CABLES			Available in Bulk?	Notes
				Connector Type	Minimum and Maximum Lengths	Minimum and Maximum Prices, \$		
APATURE PRODUCTS	Accusound Silver (4+4)	Silver	16	Pin, Spade, Banana	Any	100.00-1000.00	Yes	Bi-wire or shotgun available.
	Accusound Silver (8+8)	Silver	12	Pin, Spade, Banana	Any	200.00-2500.00	Yes	As above.
	Accusound Silver (16+16)	Silver	10	Pin, Spade, Banana	Any	400.00-5000.00	Yes	Bi-wire or shotgun with Accu-Boot available.
	Black Beauty Signature	OFC	12	Pin, Spade, Banana	Any	70.00-1000.00	Yes	Black flex jacket.
	SP-518/TM-12	OFC	12	Pin, Spade, Banana	1-500 feet	10.00-500.00	Yes	518-strand; clear or amber jacket.
	SP-134	OFC	16	Pin, Spade, Banana	1-500 feet	5.00-250.00	Yes	130-strand; clear jacket with stripe.
	Flat White	OFC	16	Pin, Spade, Banana	1-500 feet	6.00-300.00	Yes	288-strand.
	U.L. Theater Blue	OFC	16	Pin, Spade, Banana	1-500 feet	5.00-500.00	Yes	CL-3 rated; two- or four-conductor.
	U.L. Theater Quad	OFC	16	Pin, Spade, Banana	1-500 feet	10.00-750.00	Yes	CL-3 rated; shielded.
	U.L. Theater 518	OFC	12	Pin, Spade, Banana	1-250 feet	10.00-400.00	Yes	As above.
AUDIODYNE	SPL-Link	Silver	10/20	Spade	6-15 feet	260.00-350.00	No	Discrete conductors; bi-wire capable.
	Wavelength	Silver		Spade	4-20 feet	120.00-280.00	No	Air-core.
	Wavelength Bi-Wire	Silver		Spade	4-20 feet	240.00-560.00	No	Individual low- and high-frequency cables.
Wavelength Subwoofer	Silver	10	Spade	4-20 feet	60.00-140.00	No	For subwoofers.	
AUDIO ELECTRONIC SUPPLY	HD Speaker Cables	Copper		Spade	4-22 feet	88.00-259.00	Yes	
AUDIO INSURGENTS	Congenial	Copper	14	Spade	6-25 feet	139.00-443.00	No	Custom lengths and terminations.
	Congruent	OFC	10	Spade	6-25 feet	235.00-748.00	No	As above.
	Stellar	OFC	10	Spade	6-25 feet	319.00-984.00	No	As above; insulated conductors.
AUDIO MAGIC	Illusion	Silver		Spade, Banana	4-26 feet	2900.00-10,610	No	Air dielectric; sand-filled; ribbon conductors.
	Sorcerer	Silver		Spade, Banana	4-26 feet	1099.00-4820.00	No	As above.
	Spellcaster II	Silver		Spade, Banana	4-26 feet	649.00-3627.00	No	Air/Kynar dielectric; sand-filled; ribbon conductors.
	Excalibur II	Silver		Spade, Banana	4-26 feet	449.00-2233.00	No	Air/Kynar dielectric.
AUDIO NOTE	AN-D	6N Copper	16	Pin, Spade, Banana	4-26 feet	449.00-2233.00	No	EE P. dielectric; Mylar-filled; PVC jacket.
	AN-L	Silver-clad Copper	16/12x4	Pin, Spade, Banana	4-26 feet	279.00-1018.00	Yes	As above.
	AN-SPX	Silver-clad Copper	16x2	Pin, Spade, Banana	4-26 feet	95.00-323.00	Yes	
AUDIO NOTE	AN-D	6N Copper		Banana	1-500 feet	10.00-5000.00	Yes	Litz; shielded.
	AN-L	6N Copper		Banana	2-50 feet	1000.00-25,000	Yes	Litz.
	AN-SPX	5N Silver		Pin, Spade, Banana	2-50 feet	6000.00-150,000	Yes	As above.
	AN-SPZ	Silver		Pin, Spade, Banana	2-50 feet	6000.00-150,000	Yes	
AUDIOQUEST (Continued)	F-14	Long-grain Copper	17	Any	Any	.95/foot	Yes	Blue or white.
	F-18	Long-grain Copper	14	Any	Any	1.95/foot	Yes	Brown or white.

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CIRCLE NO. 15 ON READER SERVICE CARD

# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	Connector Type	FINISHED CABLES			Notes	
					Minimum and Maximum Lengths	Minimum and Maximum Prices, \$	Available in Bulk?		
AUDIOQUEST (Continued)	Type 2 +	Long-grain Copper	17	Any	Any	1.50/foot	Yes	Spread spectrum; CL-3 rated. Spread spectrum. As above. As above. As above. 2mm-thick; on-wall. CL-3 rated. As above. CL-3 rated; in-wall. As above; shielded. As above.	
	Type 4 +	Long-grain Copper	15	Any	Any	2.50/foot	Yes		
	Type 6 +	Long-grain Copper	13	Any	Any	4.50/foot	Yes		
	Indigo +	Long-grain Copper/ FPC	12	Any	Any	187.00/8-foot pair	Yes		
	Crystal +	Long-grain Copper/ FPC	11	Any	Any	245.00/8-foot pair	Yes		
	Midnight +	FPC	10	Any	Any	415.00/8-foot pair	Yes		
	FF-4	Long-grain Copper	17	Any	Any	.95/foot	Yes		
	FF-8	Long-grain Copper	14	Any	Any	1.95/foot	Yes		
	SA-20	FPC	15	Any	Any	5.00/foot	Yes		
	SA-30	FPC-6	15	Any	Any	20.00/foot	Yes		
	SA-40	FPS	15	Any	Any	50.00/foot	Yes		
	RF-200	Long-grain Copper	17	Any	Any	.85/foot	Yes		
	RF-400	Long-grain Copper	14	Any	Any	1.50/foot	Yes		
	SR-1404	Long-grain Copper	11	Any	Any	2.50/foot	Yes		
SR-1602	Long-grain Copper	16	Any	Any	.95/foot	Yes			
SR-1604	Long-grain Copper	13	Any	Any	1.75/foot	Yes			
AUDIO RESEARCH	Litzline 2 SGL 2	Copper Copper		Spade Spade	0.5-9 meters 0.5-9 meters	490.00 up 160.00 up	No No		
AUDIOSTREAM	AC-7 AC-10 AC-50 TL-2 TL-4 TL-6 MC-2 MC-4	HPC HPC HPC HPC HPC HPC HPC HPC	16 14 12 16x2 14x4 12x6 16x2 14			.25/foot .50/foot .75/foot .25/foot .60/foot .99/foot .30/foot .60/foot	Yes Yes Yes Yes Yes Yes Yes Yes	130-strand. 266-strand; center web. 420-strand; center web. Helical spiral array. As above. As above. As above; CL-3 rated; in-wall. As above; 2+2-conductor.	
AUDIOTRUTH	Forest + Argent + Clear + Sterling + Dragon +	FPC/FPC-6 FPC-6/FPS FPC-6/FPS FPC-6/FPS FPS	11 12 10 10 10	Any Any Any Any Any	1 foot up 1 foot up 1 foot up 1 foot up 1 foot up	575.00/8-foot pair 1055.00/8-foot pair 1535.00/8-foot pair 2335.00/8-foot pair 3695.00/8-foot pair	Yes Yes Yes Yes Yes	Spread spectrum. As above. As above. As above. As above.	
AURAL SYMPHONICS	Purple Ver 3 Hybrid Ver 3	Silver/Copper Silver/Copper		Any Any	6-15 feet 6-15 feet	850.00-3500.00 2050.00-5650.00	No No		
BEL	The Wire S12 The Wire S24	Copper Copper	11 9	Spade Spade	0.5 meter 1 meter	250.00 454.00	No No		
BELKIN COMPONENTS	F8C100-XX-NW Synapse Gold Quadratic Balance	6N Copper	16	Pin, Spade, Banana	15-100 feet	15.00-100.00	Yes	Navaho white jacket.	
	F8C102-XX-NW Synapse Gold Quadratic Balance Plus	6N Copper	12	Pin, Spade, Banana	15-100 feet	25.00-150.00	Yes	As above.	
	F8C120-XX Synapse Gold Thinflex	6N Copper	12	Pin, Spade, Banana	15-100 feet	30.00-175.00	Yes		
	F8C122-XX Synapse Gold Super Thinflex	6N Copper	16	Pin, Spade, Banana	15-100 feet	50.00-225.00	Yes		
	F8C104-XX-NW Synapse Platinum Spherical Pair	6N Copper	10	Spade, Banana	10-100 feet	75.00-350.00	Yes	As above; shielded; twisted pair.	
	Platinum Series-Spherical Pair	OFC	10	Pin, Banana	30-500 feet	79.99-989.99	Yes	Twisted pair; clear or white jacket.	
	Gold Series-Quadratic Balance	OFC	12	Pin, Banana	30-500 feet	54.99-614.99	Yes	Clear or white jacket.	
	Gold Series-Super Thinflex	OFC	12	Pin, Banana	30-500 feet	54.99-824.99	Yes	As above.	
Silver Series-Quadratic Balance	OFC	16	Pin, Banana	30-500 feet	29.99-329.99	Yes	As above.		
Silver Series-Ultra Thinflex	OFC	16	Pin, Banana	30-500 feet	34.99-414.99	Yes	As above.		
CABASSE	Cabasse	Copper							
CABLE TALK	Talk 3 Talk 3 Bi-Wire Concert 2.1 Concert 2.1 Bi-Wire	6N Copper 6N Copper Copper Copper				Any Any Any Any	2.00/foot 4.00/foot 5.75/foot 11.50/foot	Yes Yes Yes Yes	Signal return flow system. As above.
CAMELOT TECHNOLOGY	Sir Tristan	Copper		Spade	8-15 feet	150.00-265.00	Yes	Custom lengths.	
CARDAS AUDIO	Golden Cross Speaker	Copper	5.5	Spade	0.5 meter up	813.00 up	No		
	Cross Speaker	Copper	10	Spade	0.5 meter up	298.00 up	No		
	Quadlink-Five Speaker	Copper	12.5	Spade	0.5 meter up	159.95 up	No		
	Twinlink-A Speaker	Copper	15.5	Spade	0.5 meter up	85.95 up	No		
	Crosslink	Copper	10	Spade	0.5 meter up	56.00 up	Yes		
CUSTOM HOUSE	Open Air	Copper	16	Pin, Spade, Banana	0-500 feet	1.00/foot	Yes	PVC insulation.	
	Open Air	Copper	14	Pin, Spade, Banana	0-500 feet	2.00/foot	Yes	As above.	
	Open Air	Copper	12	Pin, Spade, Banana	0-500 feet	3.00/foot	Yes	As above.	
	Benchmark 1	Copper	6/16	Pin, Spade, Banana	0-500 feet	5.00/foot	Yes	As above.	
	Benchmark 2	Copper	6/16	Pin, Spade, Banana	0-500 feet	7.00/foot	Yes	PVC and urethane insulation.	
	Barracuda	Copper/Silver	6/16	Pin, Spade, Banana	0-500 feet	10.00/foot	Yes	PVC, urethane, and Teflon insulation.	
DANIELS AUDIO	Alpha	OFC	15	Pin, Spade, Banana	3-24 feet	99.00-309.00	No	Litz twisted pair.	
	Epsilon	OFC	13	Pin, Spade, Banana	3-24 feet	159.00-579.00	No	As above.	
	Omega	OFC	13	Pin, Spade, Banana	3-24 feet	339.00-1599.00	No	As above.	
D.H. LABS	Silver Sonic T-14 Silver Sonic T-14 Shotgun	Silver/OFC Silver/OFC	14 11	Pin, Spade, Banana Pin, Spade, Banana	Any feet Any feet	4.00/foot 8.00/foot	Yes Yes	Pure Teflon dielectric. As above.	
DISCOVERY CABLE	Discovery 1-2-3	Copper	16x6	Pin, Spade, Banana	8-50 feet	320.00-1500.00	Yes		
	Discovery Signature	Copper	14x4	Pin, Spade, Banana	6-50 feet	500.00-2500.00	Yes	Teflon insulation.	
	Discovery Essential	Copper	18x12	Pin, Spade, Banana	6-50 feet	900.00-5000.00	No	As above.	
DPA DIGITAL	IS 19	Copper/Silver		Spade, Banana	1-10 meters	164.00-1136.00/pair	Yes		
	Black Sixteen	Copper/Silver		Spade, Banana	1-10 meters	386.00-3490.00/pair	Yes		

# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	FINISHED CABLES				Notes
				Connector Type	Minimum and Maximum Lengths	Minimum and Maximum Prices, \$	Available in Bulk?	
DUNLAVY AUDIO LABS	DAL-Z6	Copper		Spade, Giant Spade, Banana	8-24 feet	360.00-585.00	No	6-ohm characteristic impedance.
ENSEMBLE	Sonoflux	Copper	6x2	†	1-20 meters	49.00/meter	Yes	Electrostatically shielded; resonance damping. †Beryllium copper bananas or gold-plated spades.
	Voiceflux FS	Copper	10x4	†	1-20 meters	99.00/meter	Yes	Electrostatically and magnetically shielded; resonance damping.
ESOTERIC AUDIO U.S.A.	Audiophile UltraPath Series II	Copper	8	Pin, Spade, Banana	4-12 feet	450.00-1050.00	Yes	Shielded; spiral wrapped; Teflon insulation.
	Audiophile AccuPath Series II	Copper	11	Pin, Spade, Banana	6-20 feet	340.00-900.00	Yes	As above.
	Audiophile InterPath Series II	Copper	14	Pin, Spade, Banana	6-12 feet	200.00-330.00	Yes	As above.
	Audiophile IsoPath Series II	Copper	14	Pin, Spade, Banana	6-30 feet	98.00-290.00	Yes	Shielded; helical spiral; Teflon insulation.
	Home Theater Hyper S	Copper		Pin, Banana	10-60 feet	14.95-36.95	Yes	
	Home Theater Hyper Si	Copper		Pin, Banana	30-60 feet	27.95-66.95	Yes	
	Home Theater Hyper SX	Copper		Pin, Banana	30-60 feet	38.95-47.95	Yes	
	Architectural	Copper	12x2			46-.57/foot	Yes	
	Architectural	Copper	14x2			32-.39/foot	Yes	
	Architectural	Copper	16x2			20-.25/foot	Yes	
	Architectural	Copper	14x4			58-.71/foot	Yes	Twisted.
	Architectural	Copper	16x4			36-.44/foot	Yes	As above.
	Architectural Micro Reference	Copper			30-100 feet	8.99-22.95	Yes	Two-conductor.
	Architectural Micro Super	Copper			12-36 feet	13.95-23.95	Yes	As above.
Architectural "Original" Super	Copper			30-100 feet	22.95-61.95	Yes	As above; 520-strand.	
EXPOSURE	EXPC	Copper				5.00/foot	Yes	
FINESTRA DESIGN GROUP	Argento Signature	6N Silver	10	Spade	1-15 feet	200.00-3000.00	No	Litz; Teflon insulation.
	Argento Series 1	6N Silver	12	Spade	1-15 feet	120.00-1800.00	No	As above.
	Argento Series 2	6N Silver	14	Spade	1-15 feet	80.00-1200.00	No	As above.
FM ACOUSTICS	Forcelines 7	Copper		Proprietary, Spade	1.5-300 meters	1360.00 up	No	
	Forcelines 5	Copper		Proprietary, Spade	1.5-300 meters	1920.00 up	No	
	Forcelines 3	Copper		Proprietary, Spade	1.5-300 meters	2650.00 up	No	
GOLDMUND	Speaker Cable	Copper		Spade, Banana	3 feet up	2990.00 up	No	
	SR Speaker Cable	Copper		Banana	3 feet up	1300.00 up	No	
HARMONIX	HS 101 1.5 MX2T	Copper	10	Spade	1.5 meters	710.00	Yes	Shielded.
	HS 101 3.0 MX2T	Copper	10	Spade	3 meters	950.00	Yes	As above.
HIGHWIRE	700 Lsi	Silver-plated Copper	13	Spade, Banana	3-20 feet	498.00-1248.00	No	RF and noise suppression.
	1100 Lsi	Silver-plated Copper	9.5	Spade, Banana	3-20 feet	798.00-2298.00	No	As above.
	2020 Lsi	Silver-plated Copper	9.5	Spade, Banana	3-20 feet		No	As above.
JENVING	Linc 2 x 4	Copper	11	Spade, Banana	5-50 feet	20.00-200.00	Yes	Shielded; PVC and Teflon insulation.
	Linc 2 x 2	Copper	14	Spade, Banana	5-50 feet	15.00-150.00	Yes	As above.
	Ply 3 4	Copper	12	Spade, Banana	5-50 feet	30.00-300.00	Yes	PVC insulation.
	Ply 2 0	Copper	14	Spade, Banana	5-50 feet	25.00-250.00	Yes	As above.
JPS LABS	Superconductor 2 NC Series	Aluminum/Copper	5	Spade, Banana	4 feet up	1650.00 up	No	Solid core; shielded; minimized dielectric.
	The Bi-Wired Superconductor	Aluminum/Copper	13x2	Spade, Banana	4 feet up	750.00 up	No	Solid core; shielded; bi-wire.
	The Single Superconductor	Aluminum/Copper	9	Spade, Banana	4 feet up	560.00 up	No	Solid core; shielded.
	The Petite Superconductor	Aluminum/Copper	13	Gold Spade, Banana	4 feet up	390.00 up	No	As above.
	The Ultra Conductor	Aluminum/Copper	13	Spade, Banana	4 feet up	200.00 up	No	Solid core; annealed.
KIMBER KABLE	4PR	Copper	14	Spade, Banana	1-500 feet	1.50/foot	Yes	
	8PR	Copper	10	Spade, Banana	1-250 feet	3.00/foot	Yes	
	4VS	Copper	13	Spade, Banana	1-500 feet	3.00/foot	Yes	
	8VS	Copper	9	Spade, Banana	1-250 feet	6.00/foot	Yes	
	4TC	Copper	13	Spade, Banana	1-500 feet	7.00/foot	Yes	
	8TC	Copper	9	Spade, Banana	1-250 feet	12.00/foot	Yes	
	4AG	Silver	14	Spade, Banana	1-100 feet	120.00/foot	No	
	8AG	Silver	10	Spade, Banana	1-100 feet	240.00/foot	No	
	BiFocal-L	Copper	14/11.5	Spade, Banana	3-100 feet	1000.00/8-foot pair	No	Bi-wire; price includes termination.
	BiFocal-XL	Copper	11.5/8.5	Spade, Banana	3-100 feet	1500.00/8-foot pair	No	As above.
	KIMBER SELECT	KS-3033	Copper		Spade, Banana	1-100 feet	1550.00/8-foot pair	No
KS-3035		Copper/Silver		Spade, Banana	1-100 feet	3350.00/8-foot pair	No	
KS-3038		Silver		Spade, Banana	1-100 feet	6950.00/8-foot pair	No	
KINETIC AUDIO	Multi-Cable Cluster	OFC	10	Spade or Banana	3-50 feet	5.00/foot	Yes	Rope strand; single; bi-wire or biamp.
KLYNE AUDIO ARTS	Dragonfly Wings SWD-1	Copper		Spade	6-30 feet	450.00-2250.00/pair	No	Dual-conductor twisted pair.
	Dragonfly Wings SWQ-1	Copper		Spade	6-30 feet	840.00-4200.00/pair	No	Quad-conductor twisted pair.
LAT INTERNATIONAL	SS-1000-D	Silver-clad Copper	10	Pin, Spade, Banana	5-20 feet	269.00-399.00	No	Shielded; Teflon insulation.
	SS-800	Silver-clad Copper	12	Pin, Spade, Banana	5-20 feet	144.00-210.00	Yes	Teflon insulation.
	The Bi-Wire	Silver-clad Copper	12	Pin, Spade, Banana	5-20 feet	216.00-299.00	Yes	As above.
	SS-15	OFHC	10	Pin, Spade, Banana	1-250 feet	1.40/foot	Yes	
	SS-10	OFHC	12	Pin, Spade, Banana	1-250 feet	.74/foot	Yes	
LEGEND AUDIO DESIGN	Legend IV	Silver		Spade, Banana	6-20 feet	1440.00-4800.00		
	Legend III	Silver		Spade, Banana	6-20 feet	1050.00-3500.00		
	Legend II	Silver		Spade, Banana	6-20 feet	750.00-2500.00		
	Legend I	Silver		Spade, Banana	6-20 feet	450.00-1500.00		
LIBERTY WIRE AND CABLE	UltraCap 12/1	OFC	12			.98/foot	Yes	THX certified; rope construction; CL-3 rated.
	UltraCap 12/2	OFC	12x2			1.75/foot	Yes	As above.
	UltraCap 14/1	OFC	14			.79/foot	Yes	As above.
	UltraCap 14/2	OFC	14x2			1.34/foot	Yes	As above.
	UltraCap 16/1	OFC	16			.60/foot	Yes	THX certified; CL-3 rated.
	UltraCap 16/2	OFC	16x2			.92/foot	Yes	As above.
	ExtraFlex 12/2	OFC	12			.57/foot	Yes	CL-3 rated.
	ExtraFlex 12/4	OFC	12x4			1.06/foot	Yes	As above.
	ExtraFlex 14/2	OFC	14			.36/foot	Yes	As above.

(Continued)



# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	FINISHED CABLES			Available in Bulk?	Notes	
				Connector Type	Minimum and Maximum Lengths	Minimum and Maximum Prices, \$			
LIBERTY WIRE AND CABLE (Continued)	ExtraFlex 14/4	OFC	14x4			.63/foot	Yes	As above.	
	ExtraFlex 16/2	OFC	16			.28/foot	Yes	As above.	
	ExtraFlex 16/4	OFC	16x4			.48/foot	Yes	As above.	
	ExtraFlex 18/2	OFC	18			.20/foot	Yes	As above.	
	ExtraFlex 18/4	OFC	18x4			.35/foot	Yes	As above.	
	Commercial 12/2	Copper	12			.54/foot	Yes	As above.	
	Commercial 14/2	Copper	14			.28/foot	Yes	As above.	
	Commercial 14/4	Copper	14x4			.58/foot	Yes	As above.	
	Commercial 16/2	Copper	16			.17/foot	Yes	As above.	
	Commercial 16/4	Copper	16x4			.30/foot	Yes	As above.	
	Commercial 18/2	Copper	18			.14/foot	Yes	As above.	
	Commercial 18/4	Copper	18x4			.27/foot	Yes	As above.	
	FSC 16/2	OFC	16			.70/foot	Yes	Flat, paintable jacket.	
	FSC 16/4	OFC	16			1.28/foot	Yes	As above.	
	CLR 12	OFC	12			.80/foot	Yes	Clear jacket.	
	CLR 14	OFC	14			.50/foot	Yes	As above.	
CLR 16	OFC	16			.35/foot	Yes	As above.		
LINDSAY AUDIOPHILE	DL-4SE	Copper	16	Spade	8-16 feet	600.00-1200.00/pair	No	Solid core; shielded; cellulose dielectric.	
LUMINOUS AUDIO TECHNOLOGY	Synchestra	4N Silver	16	Spade, Banana	Any	25.00/foot	No	Solid core; Teflon insulation.	
	Renaissance	4N Copper	11	Spade, Banana	Any	12.50/foot	No	Solid core; PVC insulation.	
	Prestige	4N Copper	12	Spade, Banana	Any	4.50/foot	No	Solid core; isolated helical array.	
MACH 1 ACOUSTICS	Terminator	Copper	14	Any		2.50/foot	Yes	Twisted pair; polyethylene jacket.	
MACWIRE	Alpha	Copper	14	Pin, Spade, Banana	5-35 feet		No	Shielded.	
	Beta	Copper	14	Spade	5-35 feet		No	Bi-wire version available.	
	Sigma	Copper	14	Spade	5-35 feet		No	Double insulation.	
	Delta	Copper	13	Spade	5-35 feet		No	Double shield.	
MAGNAN CABLES	Magnan Signature	Copper		Spade, Banana	3-25 feet	920.00-2360.00	No	Flat.	
MARIGO AUDIO LAB	V4.0 Fractal Reference	Copper		Spade	1-50 feet	1495.00/8-foot pair	No	Each additional foot, \$100.00/pair.	
MIT	MITerminator 6	Copper		†	8-45 feet	60.00-165.00/pair	No	†Interchangeable.	
	MITerminator 5	Copper		†	8-45 feet	80.00-235.00/pair	No		
	MITerminator 4 Bi-Wire	Copper		†	8-45 feet	200.00-440.00/pair	No		
	MITerminator 4	Copper		†	8-45 feet	120.00-275.00/pair	No		
	MITerminator 3	Copper		†	8-45 feet	180.00-400.00/pair	No		
	MITerminator 2	Copper		†	8-45 feet	240.00-690.00/pair	No		
	MITerminator 2 Bi-Wire	Copper		†	8-45 feet	399.00-875.00/pair	No		
	MH-750 Plus Series Three	Copper		†	8-45 feet	595.00-2450.00/pair	No		
	MH-750 Tube Terminator Series Three	Copper		Spade	8-45 feet	695.00-2550.00/pair	No		
	MH-750 High Energy Terminator Series Three	Copper		Spade	8-45 feet	995.00-2450.00/pair	No		
	MH-750 Bi-Wire Series Two	Copper		Spade	8-45 feet	995.00-3400.00/pair	No		
	MH-750 CVTerminator Series Two	Copper		Spade	8-45 feet	From 2495.00/pair	No	Custom lengths.	
	MH-770 CVTerminator Twin Series Two	Copper		Spade	8 feet up	From 3000.00/pair	No	As above.	
	MH-770 CVTerminator Twin Tube Series Two	Copper		Spade	8 feet up	From 3500.00/pair	No	As above.	
	MH-770 CVTerminator Bi-Wire Series Two	Copper		Spade	8 feet up	From 6995.00/pair	No	As above.	
	MH-850 CVTerminator Reference	Copper		Spade	8 feet up	From 7995.00/pair	No	As above.	
	MH-850 CVTerminator Reference Bi-Wire	Copper		Spade	8 feet up	From 8995.00/pair	No	As above.	
	MH-850 CVTerminator Reference Tri-Wire	Copper		Spade	8 feet up	From 9995.00/pair	No	As above.	
	MH-850 Shotgun EVO	Copper		Spade	10 feet up	From 10,995/pair	No	As above.	
	MH-850 Shotgun EVO Bi-Wire	Copper		Spade	10 feet up	From 11,995/pair	No	As above.	
	MH-850 Shotgun EVO Tri-Wire	Copper		Spade	10 feet up	From 11,995/pair	No	As above.	
	MITerminator In-Wall System Cable	Copper				1-500 feet	1.50-750.00	Yes	CL-3/FT-4 rated.
	MITerminator Speaker Cable	Copper				1-500 feet	.80-400.00	Yes	As above.
MIT 14/2	Copper				1-500 feet	1.60-800.00	Yes	As above.	
MIT 14/4	Copper						Yes	As above.	
MOGAMI	W3103	OFC	11x2		1 foot up	3.17/foot	Yes	CL-2 rated.	
	W3104	OFC	11x4		1 foot up	5.76/foot	Yes	As above.	
	W2919	OFC	13x6		1 foot up	3.96/foot	Yes	As above.	
	W2941	OFC	13x8		1 foot up	5.56/foot	Yes	As above.	
	W3082	OFC	14		1 foot up	.96/foot	Yes	Coaxial.	
MONARCHY AUDIO	PCOCC 601	Copper	10	Spade	10 feet	99.00	Yes	TDK linear-crystal high-purity copper.	
MONSTER CABLE	Sigma Tekno	Copper		Any	3-50 feet	150.00-400.00	No		
	Sigma Delta	Copper/Silver/Platinum		Spade	3-50 feet	5000.00-25,000	No	Inductance/capacitance cancellation.	
	Sigma Delta Y	Yttrium/Barium/Copper Oxide		†	3-50 feet	††	No	As above; custom-made for application. †High-pressure dry break. ††\$100,000 per installation.	
	Sigma Retrogold	Copper		Silver Spade	3-25 feet		No		
	Monster XP	Copper	16	Pin	20-50 feet	19.95-34.95	Yes	Magnetic flux tube.	
	Monster Standard 12	Copper	12		25-100 feet	24.95-79.95	Yes		
	Monster Standard 14	Copper	14		25-100 feet	19.95-49.95	Yes	As above.	
	Monster Standard 16	Copper	16		25-100 feet	9.95-29.95	Yes	As above.	
	Powerline 2 Plus	Copper	10		250 feet	3.00/foot	Yes	CL-3 rated.	
	Original Monster Cable - Four Conductor UL CL3	Copper	12x4		250 feet	2.00/foot	Yes	As above.	
	Original Monster Cable - Two Conductor UL CL3	Copper	12x2		250 feet	1.25/foot	Yes	As above.	
	M2.4S Biwire	Copper		Spade	8-15 feet	575.00-850.00	No	Four-conductor; time-compensated multiple-gauge network.	
	M1.4S Biwire	Copper		Spade	10-25 feet	200.00-425.00	Yes	As above.	
M2.2S	Copper		Spade	8-15 feet	425.00-600.00	No	Network terminator.		

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*4PR - Loudspeaker Cable*  
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# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	Connector Type	FINISHED CABLES		Available in Bulk?	Notes
					Minimum and Maximum Lengths	Minimum and Maximum Prices, \$		
MONSTER CABLE (Continued)	M1.2S	Copper	12	Spade, Banana	10-25 feet	125.00-275.00	Yes	Pex dielectric; multi-twist construction.
	MCX2.S	Copper		Pin, Spade, Banana	10-25 feet	75.00-150.00	Yes	As above.
	MCX1S Biwire	Copper		Pin, Spade, Banana	10-25 feet	70.00-160.00	Yes	Pex dielectric; magnetic flux tube.
	MCX1S	Copper		Pin, Spade, Banana	10-25 feet	50.00-95.00	Yes	As above.
	Z3 Reference	Copper		Pin, Spade, Banana	10-15 feet	299.00-399.00	No	Time-compensated multiple-gauge network.
	Z2 Biwire	Copper		Pin, Spade, Banana	10-15 feet	199.00-274.00	Yes	Four-conductor.
	Z2 Reference	Copper		Pin, Spade, Banana	10-15 feet	149.00-199.00	Yes	Pex dielectric.
	Z1	Copper		Pin, Spade, Banana	10-15 feet	74.00-99.00	Yes	Multi-twist construction.
New Monster Cable	Copper	Pin	10-50 feet	39.95-149.95	Yes	Time-compensated windings.		
Original Monster Cable	Copper	Pin	10-50 feet	34.95-124.95	Yes			
Monster XPHP	Copper	Pin	10-30 feet	29.95-54.95	Yes	As above.		
MUSICAL DESIGN	Aura	Plated Copper	12	Spade, Banana	1-40 feet	63.00-570.00	Yes	Dual-concentric coaxial; 6-ohm characteristic impedance.
MUSIC-LINK	Image-1SC	OFHC	11.5	Copper Spade	1-15 feet	265.00-2155.00/pair	No	Litz.
	Image-2SC	OFHC	8.5	Copper Spade	1-15 feet	495.00-3995.00/pair	No	As above.
	Image-3SC	OFHC	7	Copper Spade	1-15 feet	725.00-5835.00/pair	No	As above.
MUSIC METRE	Signature	OFC	12	Pin, Spade, Banana	1-50 feet	74.00-1780.00	Yes	Solid core.
	Silver	Silver	12	Pin, Spade, Banana	1-50 feet	160.00-6000.00	Yes	As above.
	Calibre	OFC	14	Pin, Spade, Banana	1-50 feet	54.00-780.00	Yes	As above.
	Claro	Copper/Silver	12	Pin, Spade, Banana	1-50 feet	120.00-4000.00	Yes	As above.
NAIM AUDIO	NAC A5	Copper				5.00/foot		Two-conductor.
THE NATURAL CHORD	Dichord	Copper	14	Spade	1-3 meters	150.00-295.00	Yes	Custom lengths.
	Natural Chord Speaker	Copper		Pin, Spade, Banana	1-15 feet	150.00-600.00	Yes	Litz; shielded coaxial.
NORDOST	2Flat	OFC		Spade, Banana Spade, Banana	1-328 feet	2.00-656.00	Yes	Flat; Teflon insulation.
	4Flat	OFC			1-328 feet	4.00-1312.00	Yes	As above; four-conductor; bi-wire.
	Flatline Gold	OFC			2-5 meters	90.00-160.00	Yes	Flat; extruded Teflon insulation; eight-conductor.
	Super Flatline	OFC			2-5 meters	160.00-300.00	Yes	Flat; extruded Teflon insulation; 16-conductor; bi-wire.
	Blue Heaven	Silver-plated OFC			2-5 meters	400.00-700.00	No	Extruded Teflon insulation; 72-conductor.
	Red Dawn	Extruded Silver/OFC			2-5 meters	700.00-1600.00	No	38-conductor.
SPM Reference	Extruded Silver/OFC	2-5 meters	2900.00-5600.00	No	Bi-wire; 32-conductor.			
NVA	LS1	Copper/Silver	14	Banana	8-30 feet	129.00-389.00	No	Teflon insulation.
OCCLINK	PRO-9 Plus	6N Copper	11x2, 14x2	Copper Spade, Banana	1-328 feet	49.00/foot†	Yes	Bi-wire. †First 8-foot pair, \$899.00.
	PRO-11 Plus	6N Copper	11	Copper Spade, Banana	1-328 feet	22.00/foot†	Yes	Bi-wire version, 13-gauge (x2) and 16-gauge (x2). †First 8-foot pair, \$449.00.
	PRO-13 Plus	6N Copper	13	Copper Spade, Banana	1-328 feet	6.00/foot†	Yes	Multi-gauge braided. †First 8-foot pair, \$199.00.
	PRO-15 Plus	6N Silver	15	Copper Spade, Banana	1-328 feet	66.00/foot†	Yes	Multi-gauge braided. †First 8-foot pair, \$1200.00.
OCOS	Evo III	Copper		OCOS Rhodium	6-300 feet	†	Yes	Semi-conductive dielectric. †\$10.00/foot/pair; termination, \$75.00; requires OCOS adaptors (\$80.00/set of four).
PARADOX	White	Copper	15	Spade	1-10 meters	400.00-1300.00	No	Teflon insulation.
	Red	Copper	12	Spade	1-10 meters	800.00-2600.00	No	As above.
PARAVOIX	T300 T100	OFS		Pin, Spade	8-50 feet 8-100 feet	500.00-2000.00	Yes Yes	
PRECISION INTERFACE ELECTRONICS	2 Conductor Speaker Wire	Copper	18	Pin, Banana	25-1000 feet	7.00-93.00	Yes	
	2 Conductor Speaker Wire	Copper	16	Pin, Banana	25-500 feet	13.00-136.00	Yes	
	2 Conductor Speaker Wire	Copper	12	Pin, Banana	25-500 feet	23.00-275.00	Yes	
	4 Conductor Speaker Wire	Copper	15	Pin, Banana	25-500 feet	25.00-403.00	Yes	
PUREST SOUND SYSTEMS	6/6TC	Copper	12	Spade	4-50 feet	8.50-10.00	Yes	Teflon insulation.
PURIST AUDIO DESIGN	Elementa	Copper		Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana Pin, Spade, Banana	1-15 meters	230.00-1070.00	No	Fluid shield; polyurethane insulation.
	Aqueous	Copper/Silver			1-15 meters	370.00-1770.00	No	Fluid shield; Teflon insulation.
	Maximus	Copper/Silver			1-15 meters	600.00-3120.00	No	As above.
	Colossus	Silver/Chrome			1-15 meters	1110.00-7270.00	No	As above.
	Proteus	Alloys			1-15 meters	2320.00-15,200	No	As above.
	Dominus	Copper/Silver			1-15 meters	8960.00-50,960	No	Fluid shield; Teflon, polypropylene, and PVC insulation.
Dominus RS	Copper/Silver			Pin, Spade, Banana	1-15 meters	12,460-68,460	No	As above.
QED	Qudos Micro	Copper		Spade, Banana Spade, Banana Spade, Banana Spade, Banana Spade, Banana Spade, Banana		.90/foot	Yes	
	Qudos Original	Copper				1.35/foot	Yes	
	Qudos Bi-Wire	Copper				3.15/foot	Yes	
	Qudos Silver Anniversary	Silver				3.15/foot	Yes	
	Qudos Profile 4x4	Copper				6.25/foot	Yes	
	Qudos Profile Silver 12	Silver				10.50/foot	Yes	
RADIO SHACK	Megacable 12-Gauge	Copper	12	Pin	50 feet 50 feet 100 feet	.99/foot	Yes	Rope strand; plastic insulation. As above.
	Megacable 16-Gauge	Copper	16			16.99		
	Megacable Flat	Copper	14			19.99		
	Megacable Flat Flex	Copper	16x2			34.99		
REGA RESEARCH	Rega Wire	Copper		Spade, Banana		2.00/foot	Yes	Rope strand; UL rated; white jacket.
SILVERLINE AUDIO TECHNOLOGY	Sterling	Silver	8	Spade, Banana	6-12 feet	1200.00-2400.00	No	
	Audio Conductor	Silver/Copper	12/6	Spade, Banana	8-12 feet	1000.00-1500.00	No	
SONORAN AUDIO DESIGNS	Desert Cable Signature	Copper	12	Pin, Spade, Banana	1-15 feet	204.00-730.00	No	Double shield.
	Desert Cable MkII	Copper	14	Pin, Spade, Banana	1-15 feet	164.00-562.00	No	Dual coaxial.

# Pass the Popcorn. Pass the Soda.

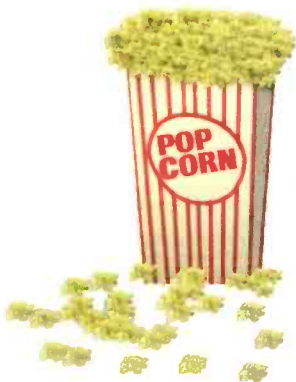


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CIRCLE NO. 141 ON READER SERVICE CARD

# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	FINISHED CABLES				Notes
				Connector Type	Minimum and Maximum Lengths	Minimum and Maximum Prices, \$	Available in Bulk?	
SOUND IMAGES	SP 1 Signature	Copper	10	Pin, Spade, Banana	3-15 feet	65.00/foot	No	Shielded; Teflon insulation; proprietary geometry over damping core. Proprietary geometry and dielectric.
	SP 2	Silver/Copper	12	Pin, Spade, Banana	3-15 feet	30.00/foot	No	
SOUND & VIDEO	StarFlex Gold I	Copper	11	Gold Pin, Spade, Banana	4-24 feet	79.00-222.00	No	Starquad design.
	StarFlex Gold II	Copper	13	Gold Pin, Spade, Banana	4-24 feet	65.00-117.00	No	As above.
SPECTRAL AUDIO	MH-750 Ultralinear Series 2	Copper		Spade	8-45 feet		No	Optimized for Spectral components. As above.
	MH-770 Ultralinear Series 2	Copper		Spade	8-40 feet		No	
STINGER ELECTRONICS	SSW10 Brz1 & 2	OFc	10	Pin, Spade, Banana	100-250 feet	104.00-232.00	No	Bronze jacket. Black jacket. Green, purple, or black jacket. Clear jacket. Black jacket. As above. Clear jacket. Black jacket. As above. White, purple, or green jacket. Black jacket. As above.
	SSW122	OFc	12	Pin, Spade, Banana	250 feet	100.00	No	
	SFlex121 & 122	OFc	12	Pin, Spade, Banana	100-250 feet	75.00-180.00	No	
	SSW12 Grn2/Pur2/Blk2	OFc	12	Pin, Spade, Banana	250 feet	115.00	No	
	SSW12 Blk5	OFc	14	Pin, Spade, Banana	500 feet	227.00	No	
	SSW165	OFc	16	Pin, Spade, Banana	500 feet	80.00	No	
	SSW161	OFc	16	Pin, Spade, Banana	1000 feet	160.00	No	
	SSW16 Blk25	OFc	16	Pin, Spade, Banana	25 feet	10.00	No	
	SSW16 Blk5	OFc	16	Pin, Spade, Banana	500 feet	95.00	No	
	SSW16 Blk1	OFc	16	Pin, Spade, Banana	1000 feet	181.00	No	
	SSW16 Wht5/Pur5/Grn5	OFc	16	Pin, Spade, Banana	500 feet	95.00	No	
	SSW416 Blk2	OFc	16	Pin, Spade, Banana	250 feet	192.00	No	
	SSW181	OFc	18	Pin, Spade, Banana	1000 feet	95.00	No	
	STRAIGHT WIRE	Crescendo	OFHC		Any	Any feet	125.00/foot	
Duo		OFHC	14	Any	Any	1.00/foot	Yes	
Backstage		OFHC	14	Any	Any	1.00/foot	Yes	
Rhythm		OFHC	13	Any	Any	2.00/foot	Yes	
Quartet		OFHC	11	Any	Any	3.00/foot	Yes	
Stage		OFHC	12	Any	Any	4.00/foot	Yes	
Sextet		OFHC	10	Any	Any	5.00/foot	Yes	
Octave		Coated OFHC	12	Any	Any	8.00/foot	Yes	
Encore		Coated OFHC	12	Any	Any	8.00/foot	Yes	
Rhapsody		Coated OFHC	11	Any	Any	15.00/foot	Yes	
Maestro		Coated OFHC	10	Any	Any	30.00/foot	Yes	
Virtuoso		Coated Silver/Copper	10	Any	Any	60.00/foot	Yes	
Black Silk		Coated Silver/Copper	9	Any	Any	60.00/foot	Yes	
Pro-12		Coated OFHC	12	Any	Any	6.00/foot	Yes	
Silver Surfer	Silver-clad OFHC	10	Any	Any	12.00/foot	Yes		
SYMDEX SYSTEMS	Reference 64	HCOFC		Spade, Banana	3-20 feet	480.00-2350.00/pair	No	64-strand; Teflon insulation. 32-strand; Teflon insulation. 16-strand; Teflon insulation.
	Reference 32	HCOFC		Spade, Banana	3-20 feet	288.00-1410.00/pair	No	
	Reference 16	HCOFC		Spade, Banana	3-20 feet	175.00-855.00/pair	No	
SYNERGISTIC RESEARCH	Alpha	Copper Matrix		Spade, Banana	5-100 feet	72.00-410.00	Yes	Basket-woven conductor geometry. Dual-balance geometry. High-frequency transmission line for bi-wiring with Signature 2. Bass version available; 32-way quad differential geometry. 32-way quad differential geometry.
	Mark II-S	Copper		Spade, Banana	5-50 feet	214.00-675.00	No	
	Signature 2	Copper		Spade, Banana	4-35 feet	376.00-1030.00	No	
	Signature 3	Copper		Spade, Banana	4-35 feet	376.00-1030.00	No	
	Resolution Reference	Copper		Spade, Banana	6-30 feet	1600.00-4000.00	No	
	Resolution Reference ".5"	Copper/Silver Matrix		Spade, Banana	Any	750.00 up	No	
Synergy Speaker 1000		Copper Matrix	16	Pin, Spade, Banana	Any	3.50/foot	Yes	
	Designers Reference	Copper/Silver Matrix		Spade, Banana	Any	2800.00 up	No	
TARA LABS	Prism Entra	OFHC	16	Any		.50/foot†	Yes	†Plus termination fee. Bi-wire. As above. Rectangular solid-core. As above; bi-wire. Rectangular solid-core; price includes termination. As above. As above. As above. As above.
	Prism Klara	OFHC	16	Any		.79/foot†	Yes	
	Prism Omni	OFHC	14	Any		1.00/foot†	Yes	
	Prism 2-2	OFHC	14	Any		3.00/foot†	Yes	
	Prism Bi-Wire	OFHC	14	Any		5.00/foot†	Yes	
	RSC Prime 500	OFHC		Spade, Banana		7.00/foot†	Yes	
	RSC Prime 1000	OFHC		Spade, Banana		10.00/foot†	Yes	
	RSC Reference Gen 2+	OFHC		Spade, Banana		539.00/8-foot pair	No	
	RSC Master Gen 2	Consonant Alloy		Spade, Banana		810.00/8-foot pair	No	
	RSC Decade	Consonant Alloy		Spade, Banana		2200.00/8-foot pair	No	
	The 2	Consonant Alloy		Spade, Banana		3200.00/8-foot pair	No	
The One	Consonant Alloy		Spade, Banana		4300.00/8-foot pair	No		
TED'S EXCELLENT CABLE	Vitality	OFc	10	Spade, Banana	Any feet	25.00-50.00/foot	No	Expanded Teflon tape dielectric; proprietary damping. Pure polyethylene dielectric.
	Insight	OFc	16x4	Pin, Spade, Banana	Any feet	4.50-13.50/foot	No	
TICE AUDIO PRODUCTS	416 A	OFHC	8	Spade, Banana	6-50 feet	430.00-1882.00	No	Four jacketed leads per set. As above; bi-wire.
	416 A Bi-Wire	OFHC	5	Spade, Banana	6-50 feet	517.00-2256.00	No	
TIFF	TSC 3	Copper	10x6	Pin, Spade, Banana	6-20 feet	255.00-675.00	Yes	Shielded; Teflon insulation. As above. As above.
	TSC 2	Copper	12x4	Pin, Spade, Banana	8-20 feet	235.00-475.00	Yes	
	TSC 1	Copper	14x2	Pin, Spade, Banana	8-20 feet	130.00-250.00	Yes	
TRANSPARENT CABLE	The Wave 200	Copper		Spade	8-35 feet	160.00-375.00	No	Passive network on cable. As above. As above. As above. As above. As above. As above. As above. As above. As above. As above.
	The Wave 100	Copper		Spade	8-35 feet	230.00-610.00	No	
	MusicWave	Copper		Spade	8-35 feet	330.00-870.00	No	
	MusicWave Biwire	Copper		Spade	8-35 feet	470.00-1010.00	No	
	MusicWave Plus	Copper		Spade	8-35 feet	530.00-1340.00	No	
	MusicWave Plus Biwire	Copper		Spade	8-35 feet	670.00-1480.00	No	
	MusicWave Super	Copper		Spade	8-35 feet	1200.00-2820.00	No	
	MusicWave Super BiWire	Copper		Spade	8-35 feet	1400.00-3020.00	No	
	MusicWave Ultra	Copper		Spade	8-35 feet	2300.00-3920.00	No	
	MusicWave Ultra BiWire	Copper		Spade	8-35 feet	2500.00-4120.00	No	

(Continued)



# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	Connector Type	FINISHED CABLES			Notes
					Minimum and Maximum Lengths	Minimum and Maximum Prices, \$	Available in Bulk?	
TRANSPARENT CABLE (Continued)	Plus BiCable	Copper		Spade	8-35 feet	1100.00-3125.00	No	As above.
	Super BiCable	Copper		Spade	8-35 feet	2000.00-4700.00	No	As above.
	Ultra BiCable	Copper		Spade	8-35 feet	3400.00-7100.00	No	As above.
	Reference	Copper		Spade	8-35 feet	4800.00-7600.00	No	As above.
	Reference BiCable	Copper		Spade	8-35 feet	7300.00-11,350	No	As above.
	Reference XL	Copper		Spade	8-25 feet	9800.00-15,300	No	As above.
	The Wall	Copper				4.00/foot	Yes	CL rated; in-wall.
	The Wall Plus	Copper				8.50/foot	Yes	As above.
	The Wall Premium	Copper				17.00/foot	Yes	As above.
	The Brick	Copper		Spade		350.00/pair		Network for The Wall.
	The Brick Plus	Copper		Spade		450.00/pair		Network for The Wall Plus.
	The Brick Super	Copper		Spade		800.00/pair		Network for The Wall Premium.
The Brick Ultra	Copper		Spade		1700.00/pair		As above.	
TRIANGLE	TC 2 250	Copper		Any	1-328 feet	2.25/foot	Yes	Flat; multi-strand; blue or ivory.
	TC 4 250	Copper		Any	1-328 feet	4.00/foot	Yes	As above; four-conductor.
TRIBUTARIES	SP1	OFHC	16			.50/foot	Yes	Square/round jacket.
	SP2	OFHC	12			1.25/foot	Yes	As above.
	SP3F	OFHC	14			1.25/foot	Yes	Flat; white jacket.
	SP4	Silver-plated OFHC	14			4.00/foot	Yes	
	SP5F	Silver-plated OFHC	14			5.00/foot	Yes	Flat.
	SP12	OFHC	12			1.00/foot	Yes	White or dark gray.
	SP16	OFHC	16			.40/foot	Yes	As above.
	CS162	Copper	16x2				Yes	CL-3 rated; white jacket.
	CS164	Copper	16x4				Yes	As above.
	CS142	Copper	14x2				Yes	As above.
	CS142DB	Copper	14x2				Yes	CL-3 rated; black jacket; direct burial.
	CS144	Copper	14/22x4				Yes	CL-3 rated; white jacket.
	CS144+4	Copper	14x4				Yes	As above.
	CS144DB	Copper	14x4				Yes	CL-3 rated; black jacket; direct burial.
	CS244S	Copper	22				Yes	CL-2 rated; twisted pair with shield and drain.
	CS164+4	Copper	16/22x4				Yes	As above.

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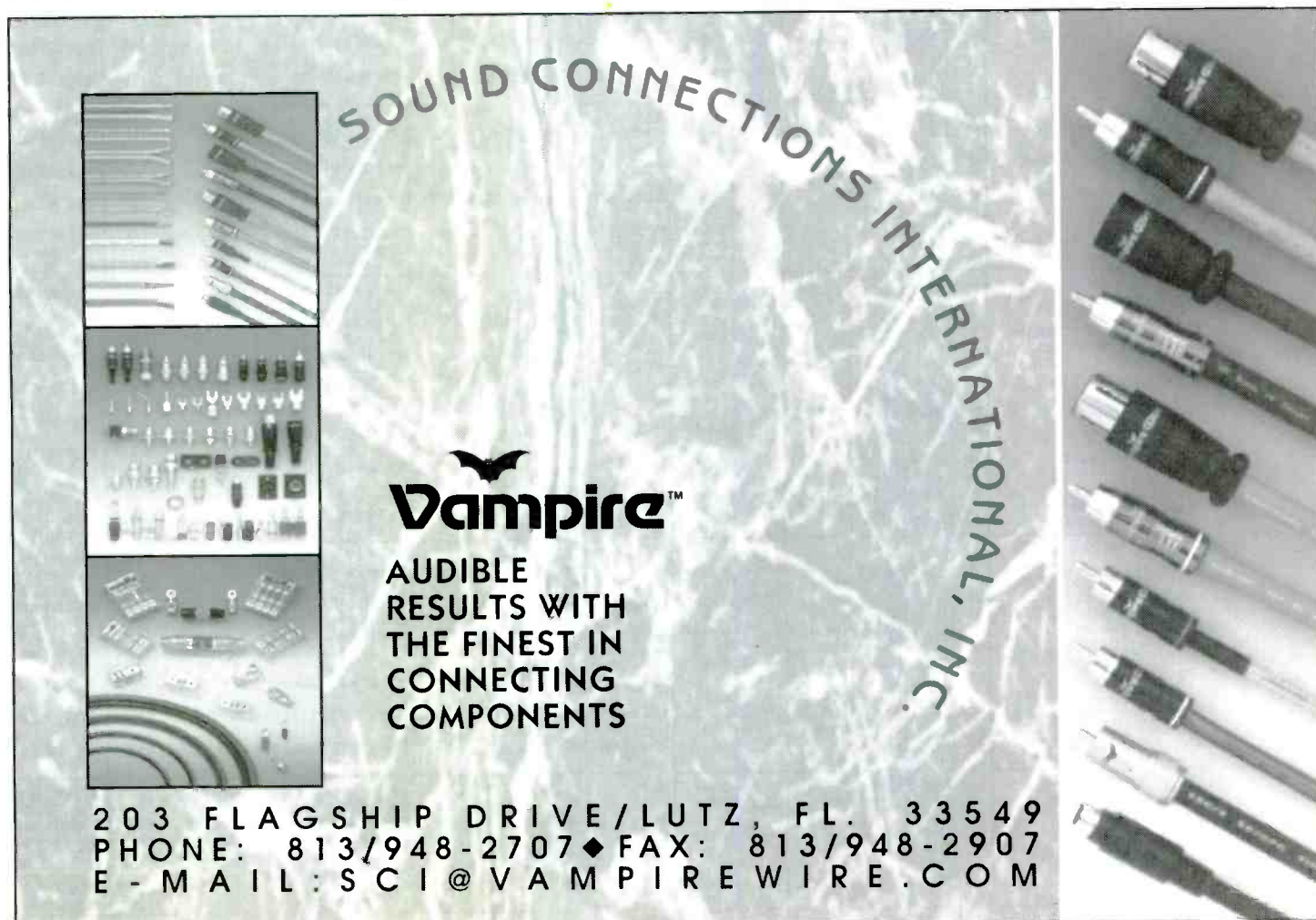
# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	Connector Type	FINISHED CABLES			Notes
					Minimum and Maximum Lengths	Minimum and Maximum Prices, \$	Available in Bulk?	
ULTRALINK	UL-18	OFHC	18	Any	1-500 feet		Yes	Bi-wire or shotgun. As above. Precision-wound, multi-gauge configuration. As above; bi-wire or shotgun. Precision-wound, multi-gauge configuration. As above; bi-wire or shotgun. CL-3 rated. As above. As above. As above. As above. As above. As above; flat. As above.
	UL-16	OFHC	16	Any	1-500 feet		Yes	
	UL-14	OFHC	14	Any	1-500 feet		Yes	
	UL-12	OFHC	12	Any	1-500 feet		Yes	
	UL-10	OFHC	10	Any	1-500 feet		Yes	
	BW-416 Bi-Wire	6N Copper	16	Any	1-500 feet		Yes	
	BW-1412 Bi-Wire	6N Copper	14/12	Any	8 feet up	90.00/8-foot pair	Yes	
	Excelsior	6N Copper	10	Any	8 feet up	100.00/8-foot pair	Yes	
	Excelsior Bi-Wire	6N Copper	10	Any	8 feet up	175.00/8-foot pair	Yes	
	Ambiance	6N Copper	8	Any	8 feet up	300.00/8-foot pair	Yes	
	Ambiance Bi-Wire	6N Copper	8	Any	8 feet up		Yes	
	CL-216	OFHC	16x2				Yes	
	CL-416	OFHC	16x4				Yes	
	CL-214	OFHC	14x2				Yes	
	CL-414	OFHC	14x4				Yes	
CL-212	OFHC	12x2				Yes		
ULF-16	OFHC	16x2				Yes		
ULF-14	OFHC	14x2				Yes		
VAMPIRE WIRE	Baby Bat	Copper				20/foot	Yes	Continuous-cast copper. As above. As above. CL-3 rated. As above. As above. As above. As above. As above.
	210C	Copper				55/foot	Yes	
	826C	Copper				95/foot	Yes	
	2100C	Copper				1.95/foot	Yes	
	SC-384	Silver-clad Copper				2.95/foot	Yes	
	SC-554	Silver-clad Copper				3.95/foot	Yes	
	SC-1108	Silver-clad Copper				7.95/foot	Yes	
	ST-I	Copper				7.95/foot	Yes	
	ST-II	Copper				12.95/foot	Yes	
	ST-III	Copper				19.95/foot	Yes	
	18-2S	Copper				45/foot	Yes	
	16-2CI	Copper				60/foot	Yes	
	16-4CI	Copper				1.00/foot	Yes	
	14-2CI	Copper				.65/foot	Yes	
14-4CI	Copper				1.30/foot	Yes		
WIREWORLD	Luna 16/4	OFC	13	Pin, Spade, Banana	0.33-500 feet	1.50/foot	Yes	Tubular conductors; CM/FT-4 rated; 8-foot pair, \$39.00. Symmetrical coaxial; CL-3/FT-4 rated; polypropylene foam dielectric; 8-foot pair, \$60.00. As above but \$90.00 for 8-foot pair. As above but \$125.00 for 8-foot pair. CL-3/FT-4 rated; dual symmetrical coaxial; polypropylene foam dielectric; 8-foot pair, \$220. As above but \$255.00 for 8-foot pair. CL-3/FT-4 rated; dual symmetrical coaxial; polypropylene foam dielectric; coated strands; 8-foot pair, \$330.00. As above but \$370.00 for 8-foot pair. CL-3/FT-4 rated; dual symmetrical coaxial; polypropylene foam dielectric; polymer-coated strands; 8-foot pair, \$600.00. As above but \$650.00 for 8-foot pair. Symmetrical coaxial; microporous Teflon dielectric; polymer-coated strands; 8-foot pair, \$750.00. CL-3/FT-4 rated; dual symmetrical coaxial; polypropylene foam dielectric; polymer-coated strands; 8-foot pair, \$1400.00. As above but \$1500.00 for 8-foot pair. As above but \$2150.00 for 8-foot pair. As above but \$4200.00 for 8-foot pair. As above but \$4300.00 for 8-foot pair.
	Terra III	OFC	14	Pin, Spade, Banana	0.33-500 feet	1.80/foot	Yes	
	Orbit III	Copper	15	Pin, Spade, Banana	0.33-500 feet	3.00/foot	Yes	
	Solstice III	Copper	13	Pin, Spade, Banana	0.33-200 feet	4.50/foot	Yes	
	Oasis III	Copper	10	Pin, Spade, Banana	0.33-200 feet	9.00/foot	Yes	
	Oasis III Biwire	Copper	13x2	Pin, Spade, Banana	0.33-200 feet	9.00/foot	Yes	
	Atlantis III	Copper	10	Pin, Spade, Banana	0.33-200 feet	15.00/foot	Yes	
	Atlantis III Biwire	Copper	13x2	Pin, Spade, Banana	0.33-200 feet	15.00/foot	Yes	
	Equinox III	Copper	9	Pin, Spade, Banana	0.33-100 feet	30.00/foot	Yes	
	Equinox III Biwire	Copper	12x2	Pin, Spade, Banana	0.33-100 feet	30.00/foot	Yes	
	Polaris III	Copper	11	Silver Spade, Gold/Copper Banana	0.33-100 feet	36.00/foot	Yes	
	Eclipse III	Copper	8	Silver Spade, Gold/Copper Banana	0.33-100 feet	72.00/foot	Yes	
	Eclipse III Biwire	Copper	11x2	Silver Spade, Gold/Copper Banana	0.33-100 feet	72.00/foot	Yes	
	Silver Eclipse III	Silver	11	Silver Spade, Gold/Copper Banana	0.33-100 feet	120.00/foot	Yes	
	Gold Eclipse III	Silver	8	Silver Spade, Gold/Copper Banana	0.33-100 feet	240.00/foot	Yes	
	Gold Eclipse III Biwire	Silver	11x2	Silver Spade, Gold/Copper Banana	0.33-100 feet	240.00/foot	Yes	
WOODS INDUSTRIES	16/2 Thunder Speaker Wire	OFC	16		50-100 feet	19.99-34.99	No	UL. As above. As above. CL-2 rated. As above. As above. As above.
	14/2 Thunder Speaker Wire	OFC	14		50-100 feet	26.99-49.99	No	
	12/2 Thunder Speaker Wire	OFC	12		50-100 feet	36.99-69.99	No	
	16/2 Thunder Cable	OFC	16		500 feet	159.99	Yes	
	14/2 Thunder Cable	OFC	14		500 feet	219.00	Yes	
	12/2 Thunder Cable	OFC	12		500 feet	319.00	Yes	
	16/4 In-Wall	Copper	16		500 feet	207.99	Yes	
16/2 In-Wall	Copper	16		500 feet	112.99	Yes		
XLO ELECTRIC	XLO/VDO ER-11	4N Copper	12	Pin, Spade, Banana	4 feet up	†	Yes	THX certified. †First 4-foot pair, \$78.00 (includes termination); each additional pair/foot, \$7.00. THX certified. †Shotgun, 9-gauge; bi-wire, 12-gauge. ††First 4-foot pair, \$106.00 (includes termination); each additional pair/foot, \$14.00; internal bi-wire, \$15.00. THX certified. †First 4-foot pair, \$44.00 (includes termination); each additional pair/foot, \$3.50. Flat-web; white jacket.
	XLO/VDO ER-12	4N Copper	†	Pin, Spade, Banana	4 feet up	††	Yes	
	XLO/VDO ER-14	4N Copper	14	Pin, Spade, Banana	4 feet up	†	Yes	
	XLO/VDO ER-15	4N Copper/Silver	14	Pin, Spade, Banana	Any feet	1.19/foot	Yes	


(Continued)

# SPEAKER CABLES

MANUFACTURER	Model	Conducting Material	Gauge (AWG No.)	Connector Type	FINISHED CABLES		Available in Bulk?	Notes
					Minimum and Maximum Lengths	Minimum and Maximum Prices, \$		
XLO ELECTRIC (Continued)	XLO/VDO ER-16	4N Copper/Silver	12	Pin, Spade, Banana	Any feet	1.49/foot	Yes	As above.
	XLO/Pro Type 650F	4N Copper	12	Pin, Spade, Banana	4 feet up	†	Yes	Braided. †First 4-foot pair, \$78.00 (includes termination); each additional pair/foot, \$7.00.
	XLO/Pro Type 600	4N Copper	11	Pin, Spade, Banana	4 feet up	†	Yes	Multiple solid-core. †First 4-foot pair, \$90.00 (includes termination); each additional pair/foot, \$10.00.
	XLO/Pro Type 1200	4N Copper	†	Pin, Spade, Banana	4 feet up	††	Yes	†Shotgun, 8-gauge; bi-wire, 11-gauge. ††First 4-foot pair, \$130.00 (includes termination); each additional pair/foot, \$20.00; internal bi-wire, \$15.00.
	XLO Ultra 6	4N Copper	10	Pin, Spade, Banana	4 feet up	†	Yes	Multiple solid-core; Teflon insulation. †First 4-foot pair, \$150.00 (includes termination); each additional pair/foot, \$25.00.
	XLO Ultra 12	4N Copper	†	Pin, Spade, Banana	4 feet up	††	Yes	Multiple solid-core; Teflon insulation. †Shotgun, 7-gauge; bi-wire, 10-gauge. ††First 4-foot pair, \$250.00 (includes termination); each additional pair/foot, \$50.00.
	XLO Type 64	4N Copper	10	Spade, Banana	4 feet up	†	Yes	Teflon insulation. †First 4-foot pair, \$295.00 (includes termination); each additional pair/foot, \$55.00.
	XLO Type 5	6N Copper	10	Spade, Banana	4 feet up	†	Yes	Teflon insulation. †First 4-foot pair, \$540.00 (includes termination); each additional pair/foot, \$110.00.
	XLO REF 2-REF 5A VDO/CL3 Super 16/2 VDO/CL3 Super 16/4  Limited Edition, The Speaker Cable	6N Copper 4N Copper 4N Copper	8 16x2 12x2, 16x4	Spade, Banana	4 feet up 500 feet 500 feet	65.00/foot .96/foot 1.88/foot  9500.00/8-foot pair	Yes Yes Yes	Teflon insulation; multi-strand. In-wall; CL-3 rated; white or green jacket. In-wall; CL-3 rated, white or purple jacket.
YAMAMURA- CHURCHILL	Millennium 1000	Copper		Spade	0.5-5 meters	150.00-485.00	Yes	
	Millennium 3000	Copper		Spade	0.5-5 meters	215.00-930.00	Yes	
	Millennium 4000	Copper		Spade	0.5-5 meters	450.00-2075.00	No	
	Millennium 6000	Copper		Spade	0.5-5 meters	640.00-3150.00	No	



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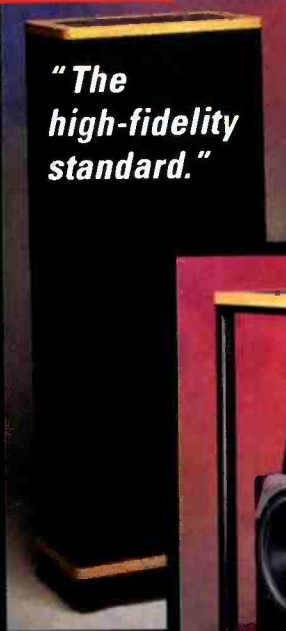
# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS										SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$						
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type	Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB		Crossover Frequencies, Hz									Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
ABACUS AUDIO	Apex	Trans. Line	No	(2)6½			1	Dome	40-20	94	6.5k	8/6	12 x 14 x 44	Oiled Ven.	Blk. Knit	75	1691.00 Pair									
ABSTRACT ACOUSTICS	Micro-Monitor	Surround Ch.; Ported Ctr. Ch.; Bass Ref.	No	4			¾	Dome	80-18	88		8/4	5 x 15 x 5	Blk.	Blk. Metal	5	119.90 Pair									
	Micro-Center CCD-100	Bass Ref.	Yes	(2)4			¾	Dome	80-18	88		8/4	5 x 14 x 5	Blk.	Blk. Metal	8	110.00 Each									
	ASX-PRO50/AV	Bass Ref.	Yes	(2)4½			¾	Dome	55-20	88		8/4	6 x 17 x 7	Blk.	Blk. Knit	12	149.00 Each									
	ASX-PRO12.SUB	Mirror-Imaged Powered Sub.	Yes	6½			¾	Dome	60-20	90		8/	12 x 8 x 9	Blk.	Blk. Knit	12	259.00 Pair									
	ASX-PRO120	Bass Ref.	No	12					30-150 Hz				15 x 20 x 15	Blk.	Blk. Knit	41	429.00 Each									
	ASX-PRO.400	Bass Ref.	No	10	5	Cone	¾	Dome	35-20	91		8/	13 x 30 x 13	Blk.	Blk. Knit	36	349.90 Pair									
	ASX-PRO.800	Bass Ref.	No	12	5	Cone	¾	Dome	35-20	92		8/	15 x 32 x 13	Blk.	Blk. Knit	42	549.90 Pair									
	ASX-PRO.1500	Bass Ref.	No	(2)12		Cone	¾	Dome	35-20	91		8/	15 x 40 x 13	Blk.	Blk. Knit	57	799.90 Pair									
	101DII	Pas. Rad.	No	15	6½	Cone	1	Dome	35-20	91		4/	15 x 40 x 13	Blk.	Blk. Knit	60	1249.00 Pair									
	102DIII	Bass Ref.	No	8			¾	Dome	40-20	89		8/	12 x 32 x 10	Blk.	Blk. Knit	23	279.90 Pair									
ACARIAN SYSTEMS	Alón Phalanx	Inf. Baf.	No	10	(6)5		1	Dipole	20-25	87	125,400.	8/4	58 x 12 x 17	Blk. Ash	Blk. Knit	140	22,000 Pair									
	Alón Adriana	Vented	No	(2)5			1	Dipole	35-25	87	3.5k	8/4	15 x 8 x 12	Opt.	Blk. Knit	35	10,000 Pair									
	Alón Circe	Inf. Baf.	No	10	5	Dipole	1	Dipole	22-25	87	400.3.5k	8/4	52 x 12 x 15	Cherry Gloss	Blk. Knit	130	12,000 Pair									
	Alón V MkIII	Inf. Baf.	No	10	5	Dipole	1	Dipole	23-25	87	400.3.5k	8/4	52 x 12 x 15	Blk. Gloss	Blk. Knit	110	5495.00 Pair									
	Alón Lotus SE	Inf. Baf.	No	8	5	Cone	¾	Dipole	35-25	90	500.3.5k	14/8	49 x 9 x 13	Blk. Gloss	Blk. Knit	70	3500.00 Pair									
	Alón II MkII	Ac. Sus.	No	10	5	Dipole	1	Dipole	30-25	87	400.3.5k	8/4	46 x 11 x 13	Blk. Gloss	Blk. Knit	70	2495.00 Pair									
	Alón I MkII	Ac. Sus.	No	8	4½	Cone	¾	Dipole	40-25	87	500.3.5k	8/4	42 x 9 x 13	Blk. Gloss	Blk. Knit	60	1795.00 Pair									
	Petite PW-1	Vented	No	5	(2)6½		1	Dipole	55-25	87	3.5k	8/6	15 x 6 x 8	Opt.	Blk. Knit	15	995.00 Pair									
	Petite Woofer SW-1	Vented Sub.	No	(2)12			1	Dipole	35-55 Hz	87	55	8/6	29 x 8 x 15	Blk. Ash Lam.	Blk. Knit	35	500.00 Each									
	Subwoofer	Isobaric Sub.	No	(2)12			1	Dipole	16-100 Hz	90		4/2	15 x 25 x 25	Blk. Ash Lam.	Blk. Knit	110	995.00 Each									
	Alón Centris LCR	Main or Ctr. Ch.; Sealed	Yes	(2)5			1	Dipole	60-25	90	3.5k	8/4	16 x 7 x 9	Blk. Ash Lam.	Blk. Knit	16	600.00 Each									
	Alón Centris Surround	Surround Ch.; Vented	No	(2)5			(2)¾	Domes	55-22	91	3.5k	8/4	16 x 13 x 9	Blk. Ash Lam.	Blk. Knit	18	600.00 Each									
	Alón Centris Subwoofer	Powered, Ported Sub.	No	10			1	Dipole	25-200 Hz	91	55-200		16 x 16 x 18	Blk. Ash Lam.	Blk. Knit	70	1400.00 Each									
ACI	Sapphire III	Aperiodic Powered Sub.	No	7			1	Dipole	64-20 ±3	90		6/4	16 x 10 x 10	Opt.	Blk. Knit	14	1899.00 Pair									
	Titan	Powered Sub.	No	12			1	Dipole	20-180 Hz ±3		50-180		27 x 14 x 16	Opt.	Blk. Knit	70	1599.00 Each									
	Jr. T	Powered Sub.	No	(2)8			1	Dipole	34-180 Hz ±3		50-180		16 x 16 x 16	Blk.	Blk. Knit	45	899.00 Each									
	Quake	Powered Sub.	No	(2)8			1	Dipole	33-150 Hz ±3		80-150		20 x 14 x 14	Blk.	Blk. Knit	50	499.00 Each									
	MC1 B-Flat B-Flat II	Ctr. Ch. In-Wall In-Wall; Coaxial	Yes	(2)5¼			1	Dipole	80-20 ±3	93.5		8/6	7 x 17 x 7	Blk. Textured	Blk. Metal	15	349.00 Each									
ACOUSTIC ENERGY	AE 100	Bass Ref.	Yes	5¼	5¼	Cone	1	Dipole	75-18 ±3	88	3k	6/	7 x 12 x 10	Opt.	Blk. Knit	13	349.00 Pair									
	AE 109	Bass Ref.	Yes	5¼	5¼	Cone	1	Dipole	55-18 ±3	90	300.3k	6/	7 x 33 x 10	Opt.	Blk. Knit	44	599.00 Pair									
	AE 120	Bass Ref.	Yes	(2)5¼			1	Dipole	38-18 ±3	89	375.3.2k	8/	7 x 36 x 11	Opt.	Blk. Knit	55	899.00 Pair									
	AE 107C	Ctr. Ch.; Bass Ref.	Yes	(2)5¼			1	Dipole	65-20 ±3	90	3.3k	6/	18 x 6 x 9	Blk. Vinyl	Blk. Knit	18	249.00 Each									
	AE 108S	Powered Sub.	No	12			1	Dipole	35-150 Hz ±3			6/	20 x 15 x 15	Blk. Vinyl	Blk. Knit	46	599.00 Each									
	AE 505	Bass Ref.	Yes	5¼	5¼	Cone	1	Dipole	75-18 ±3	88	3k	6/	7 x 12 x 10	Opt., Ash	Blk. Knit		1795.00 Pair									
	AE 509	Bass Ref.	Yes	5¼	5¼	Cone	1	Dipole	55-18 ±3	90	300.3k	6/	7 x 33 x 10	Opt., Ash	Blk. Knit		2195.00 Pair									
	AE 520	Bass Ref.	Yes	(2)5¼			1	Dipole	38-18 ±3	89	375.3.2k	8/	7 x 36 x 11	Opt., Ash	Blk. Knit		2795.00 Pair									
	AE 1 Series II	Bass Ref.	No	5¼	5¼	Cone	1	Dipole	65-22 ±3	89	3k	8/	7 x 12 x 10	Opt.	Blk. Knit	18	1995.00 Pair									
	AE 2 Series II	Bass Ref.	No	(2)5¼			1	Dipole	50-17 ±2.5	90	4k	6/	9 x 15 x 13	Opt.	Blk. Knit	38	From 2795.00 Pair									
AE 5	Bass Ref.	No	(4)5¼	(2)5¼	Cones	1	Dipole	35-25 ±2	91		6/	9 x 43 x 13	Rswd.	Blk. Knit	95	14,995 Pair										
AE 1 Signature	Bass Ref.	No	5¼			1	Dipole	65-22 ±3	88	3k	8/	7 x 12 x 10	Opt.	Blk. Knit	27	4395.00 Pair										
AE 2 Signature	Bass Ref.	No	(2)5¼			1	Dipole	50-17 ±1.5	90	4k	6/	9 x 15 x 13	Opt.	Blk. Knit	51	6995.00 Pair										
ACOUSTIC INTERFACE	Angstrom	Ac. Sus.	Opt.	6½			1	Dipole	78-20 ±2.5	90	5k	8/6	13 x 8 x 7	Blk. Enamel	Blk. Knit	12	190.00 Each									
	Shadow	Ac. Sus.	Opt.	8			1	Dipole	69-20 ±2.5	91	5k	8/6	25 x 9 x 9	Blk. Knit	Blk. Knit	21	240.00 Each									
	Intimate	Ac. Sus.	Opt.	10			1	Dipole	49-20 ±2.5	93	5k	8/6	24 x 12 x 10	Oiled Oak	Blk. Knit	32	390.00 Each									
	Transcendant	Vented	No	12			(2)1¼	Domes	38-20 ±2.5	94	1.9k	8/6	32 x 16 x 12	Oiled Wal.	Blk. Knit	51	590.00 Each									
	Professional II	Vented	No	12	2		1	Domes	29-20 ±2.5	95	800.5k	8/6	36 x 16 x 14	Oiled Oak	Blk. Knit	55	1290.00 Each									
	Professional III	Vented	No	12	3		1½, ¾	Domes	25-20 ±2.5	95	600.2k, 6k	8/6	48 x 16 x 14	Oiled Wal.	Blk. Knit	85	1990.00 Each									
	Studio Reference	Vented	No	12			1	Comp.	22-20 ±2.5	98	880.5k	8/6	60 x 16 x 14	Oiled Oak	Blk. Knit	105	2990.00 Each									
	Sound Portal	Dual Horn	No	18				Horn	15-20 ±2.5	105	550.5k	8/6	80 x 27 x 36	Oiled Wal.		500	15,000 Each									
	Sound Prism	Triamped; Dual Horn Stereo Sub.	No	18				Con. Dir. Horn	10-20 ±2	105	550.5k	8/6	80 x 27 x 36	Oiled Oak		600	25,000 Each									
	Tremor	Stereo Sub.	No	(2)12				Con. Dir. Horn	29-200 Hz ±2.5	93	75-200	8/6	26 x 62 x 16	Oiled Wal.	Blk. Knit	150	1790.00 Each									
ACOUSTIC PROFILES	PSL-C200	Bass Ref.	Yes	(2)4½	(2)4½	Cones	1	Dipole	40-20	88		8/4	6 x 22 x 9	Blk.	Blk. Knit	21	329.90 Each									
	PSL-C20	Bass Ref.	Yes	(2)4½			(2)¾	Domes	50-20	89		8/4	6 x 19 x 9	Blk.	Blk. Knit	17	249.90 Each									
	PSL-C3	Bass Ref.	Yes	(2)4½			¾	Dome	55-20	88		8/4	6 x 17 x 8	Blk.	Blk. Knit	12	199.00 Each									
	PSL-0.5CTR	Ctr. Ch.; Bass Ref.	Yes	(2)4			¾	Dome	80-18	88		8/4	5 x 14 x 5	Blk.	Blk. Metal	8	179.90 Each									
	PSL-0.5	Surround Ch.; Ported	No	(2)4			¾	Dome	55-20	88		8/4	5 x 15 x 5	Blk.	Blk. Metal	5	119.90 Pair									
(Continued)	MSL-2AV	Bass Ref.	Yes	6½			¾	Dipole	40-20	88		8/	9 x 14 x 12	Blk.	Blk. Knit	12	229.00 Pair									
	PSL-821A/V	Bass Ref.	Yes	8			¾	Dipole	30-20	91		8/4	10 x 32 x 8	Blk.	Blk. Knit	25	359.90 Pair									

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anchoic. Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Incht)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
ACOUSTIC PROFILES (Continued)	DC-10.SUB	Powered Sub.	No	10					28-150 Hz			12 x 18 x 16	Blk.	Blk. Knit	37	429.00 Each	
	DC-8.SUB	Powered Sub.	No	8					28-150 Hz			11 x 15 x 16	Blk.	Blk. Knit	37	359.00 Each	
	PSL-88.7A/V	Bass Ref.	Yes	(2)8					25-20	91		10 x 40 x 15	Blk.	Blk. Knit	58	700.00 Pair	
	RMS-3500	Bass Ref.	No	10	4	Cone	1/4	Dome	45-20	92		12 x 33 x 10	Blk.	Blk. Knit	25	399.00 Pair	
	RMS-5500	Bass Ref.	No	12	4	Cone	3/4	Dome	35-20	92		15 x 34 x 14	Blk.	Blk. Knit	35	499.00 Pair	
	RMS-1200.SUB	Powered Sub.	No	12					25-150 Hz			15 x 16 x 20	Blk.	Blk. Knit	30	399.00 Each	
ACOUSTIC RESEARCH	312 HO	Ported	Yes	12	(2)5 1/4		1	Dome	30-20 ±2	97	130.2.5k	8/	44 x 11 x 19	Opt.	Blk. Knit	74	1199.00 Pair
	310 HO	Ported	Yes	10	(2)5 1/4		1	Dome	35-20 ±2	95	130.2.5k	8/	37 x 10 x 17	Opt.	Blk. Knit	57	899.00 Pair
	308 HO	Ported	Yes	8	5 1/4		1	Dome	50-20 ±3	92	180.2.5k	8/	19 x 8 x 12	Opt.	Blk. Knit	30	649.00 Pair
	208 HO	Ported	Yes	8			1	Dome	50-20 ±3	92	2.5k	8/	18 x 10 x 13	Opt.	Blk. Knit	26	449.00 Pair
	206 HO	Ported	Yes	6 1/2			3/4	Dome	55-20 ±3	91	3k	8/	14 x 8 x 9	Opt.	Blk. Knit	15	249.00 Pair
	CS 25 HO	Ctr. or Surround Ch.;	Yes	(2)5 1/4			1	Dome	80-20 ±2	94		8/		Blk.	Blk. Knit	17	279.00 Each
	S 12 HO	Powered, Ported Sub.	No	12					20-200 Hz		Var.		16 x 16 x 16	Blk.	Blk. Knit	50	549.00 Each
	S 10 HO	Powered, Ported Sub.	No	10					35-200 Hz		Var.		14 x 15 x 15	Blk.	Blk. Knit	42	439.00 Each
	S 8 HO	Powered, Ported Sub.	No	8					40-200 Hz		Var.		13 x 13 x 13	Blk.	Blk. Knit	28	329.00 Each
	Edge Leading Edge	Ported	Yes	5 1/4			3/4	Dome	80-20 ±3	91	3.5k	8/	10 x 7 x 7	Opt.	Blk. Metal	7	279.00 Pair
Edge Seguel Cutting Edge	Inf. Baf.	Yes	12	5 1/4		3/4	Dome	20-20 ±3		3.5k	8/	Six Pieces	Blk.	Blk. Metal	65	1999.00 Sys.	
			Yes	4 1/2	4 1/2		3/4	Dome	120-20 ±3	89	4.2k	8/	Six Pieces	Opt.	Blk. Knit	4	149.00 Pair
			Yes	10			3/4	Dome	35-20 ±3		4.2k	8/		Opt.	Blk. Knit	47	999.00 Sys.
ADS	L210	Indoor/Outdoor; Ac. Sus.	Yes	4			1	Dome	85-20 ±3	88		4/	7 x 5 x 5	Opt.	Opt., Steel	6	399.00 Pair
	L310/V	Ac. Sus.	Yes	5 1/4			1	Dome	68-20 ±3	90	2k	4/	8 x 6 x 6	Opt.	Opt., Steel	10	499.00 Pair
	L310/AW	Indoor/Outdoor; Ac. Sus.	No	5 1/4			1	Dome	68-20 ±3	90	2k	4/	8 x 6 x 6	Opt.	Opt., Steel	10	499.00 Pair
	L400e	Ac. Sus.	No	6 1/2			1	Dome	60-20 ±3	90		4/	12 x 8 x 8	Opt.	Opt., Steel	13	599.00 Pair
	MV10/C	Ctr. Ch.; Ac. Sus.	No	(2)6 1/2			(2)1	Domes	59-20 ±3	89	3.5k	4/	9 x 19 x 11	Opt.	Blk. Steel		600.00 Each
	MV15/S	Dipole Surround	No	(2)7 3/4	1 1/2	Dome	(2)1	Domes	52-20 ±3	89	250.1.25k, 4k	4/	15 x 15 x 5	Blk.	Blk. Cloth		550.00 Each
	MV20/U	Ac. Sus.	No	(2)7 3/4					52-20 ±3	89	250.1.25k, 4k	4/	19 x 15 x 11	Blk.	Blk. Cloth		900.00 Each
	MV30/T	Bass Ref.	Yes	(2)6 1/2			1	Dome	38-20 ±3	88	3.5k	4/	37 x 8 x 10	Opt.	Blk. Steel		1200.00 Pair
	MV40/T	Bass Ref.	Yes	(3)6 1/2			1	Dome	34-20 ±3	91	250.2.5k	4/	39 x 8 x 12	Opt.	Blk. Steel		1700.00 Pair
	MV60/T	Bass Ref.	Yes	(2)7 3/4			(2)1	Domes	30-20 ±3	91	300.2.5k	4/	40 x 10 x 12	Opt.	Blk. Steel		2200.00 Pair
	MV80/T	Bass Ref.	Yes	(3)7 3/4	(2)1 1/2	Domes		Domes	29-20 ±3	91	250.1.25k, 4k	4/	48 x 10 x 14	Opt.	Blk. Steel		2800.00 Pair
	AVF144	Ctr. Ch.; Ac. Sus.	(2)4				1	Dome	70-23 ±3	89	2.5k	8/	5 x 13 x 6	Blk.	Blk. Steel	8	450.00 Each
	MS1/U	Powered Bandpass Sub.	7						38-100 Hz ±3		100		10 x 12 x 14	Blk.	Blk. Steel	25	650.00 Each
MS2/U	Powered Bandpass Sub.	8						30-100 Hz ±3		100		12 x 17 x 14	Blk.		40	750.00 Each	
MS3/U	Powered Bandpass Sub.	10						20-100 Hz ±3		45-170 (Var.)		17 x 17 x 17	Blk.		75	1200.00 Each	
MS4/U	Powered Bandpass Sub.	12						17-100 Hz ±3		45-170 (Var.)		20 x 20 x 20	Blk.		87	1350.00 Each	
C300i/w	In-Wall; Inf. Baf.	No	5 1/4			1	Dome	50-20 ±3	90	2.5k	4/	9 x 7 x 3	Wht.	Wht. Steel	6	399.00 Pair	
C400i/w	In-Wall; Inf. Baf.	No	6 1/2			1	Dome	42-20 ±3	91	2k	4/	11 x 7 x 3	Wht.	Wht. Steel	6	499.00 Pair	
R50i/c	In-Ceiling; Inf. Baf.	No	5 1/4			1	Dome	70-20 ±3	90	3.5k	4/	8 x 4	Wht.	Wht. Steel	6	149.00 Each	
R60i/c	In-Ceiling	No	6 1/2			1	Dome			3.5k			Wht.	Wht. Metal	7	180.00 Each	
R80i/c	In-Ceiling	No	8			1	Dome	45-20 ±3		3.5k			Wht.	Wht. Metal	8	200.00 Each	
ADVANCED AKUSTIC	101 MkIV Micro Reference	QB3 Vented	No	5			1 1/8	Dome	50-24 ±2	87	2.7k	8/4	13 x 7 x 9	Opt., Wood	Blk. Metal	25	2000.00 Pair
	201 MkIV Compact Monitor	Aperiodic	No	7			1 1/8	Dome	45-20 ±2	86	3.15k	8/6	15 x 9 x 11	Opt., Wood	Blk. Metal	35	1800.00 Pair
	401 MkIV Akustic Monitor	Aperiodic	No	(2)7			1 1/8	Dome	40-24 ±2	90	3.15k	4/3	37 x 9 x 11	Opt., Wood	Blk. Metal	65	3000.00 Pair
	801 MkIV Reference Monitor	B6 Vented	No	(2)9			1 1/8	Dome	30-24 ±2	92	2.25k	4/3	50 x 11 x 16	Opt., Wood	Blk. Metal	125	4600.00 Pair
	901 MkIV Reference Monitor	Aperiodic	No	12	(2)7	Cones	1 1/8	Dome	27-24 ±2	92	115.2.7k	6/3	46 x 10 x 18	Rswd.	Blk. Silk	150	6600.00 Pair
	1001 MkIV Akustic Reference	Aperiodic	No	(2)12	(2)5	Cones	1 1/8	Dome	25-24 ±2	92	115.2.7k	4/2	62 x 14 x 22	Opt., Wood	Blk. Metal	350	10,000 Pair
	1001 MkIV PPIS Reference Standard	Push-Pull Isobaric	No	(4)12	(2)5	Cones	1 1/8	Dome	20-24 ±2	92	115.2.7k	4/2	62 x 14 x 22	Opt., Wood	Blk. Metal	450	13,000 Pair
	MkIV Compact SubWoofer	B6 Vented Sub.	No	9					30-200 Hz ±2	90	115. Opt.	8/6	24 x 11 x 16	Opt., Wood	Blk. Metal	75	1800.00 Pair
	MkIV Reference SubWoofer	Aperiodic Sub.	No	12					25-200 Hz ±2	90	115. Opt.	8/6	26 x 14 x 22	Opt., Wood	Blk.	110	3000.00 Pair
	MkIV PPIS Reference SubWoofer	Push-Pull Isobaric Sub.	No	(2)12					20-200 Hz ±2	90	115. Opt.	4/3	26 x 14 x 22	Opt., Wood	Blk. Metal	150	4400.00 Pair
	Dynaudio Gemini	QB3 Vented	No	(2)5			1 1/8	Dome	50-24 ±3	90	2.7k	4/2	22 x 7 x 10	Opt., Wood	Blk. Metal	50	3000.00 Pair
	Dynaudio Foccus	Vented	No	7			1 1/8	Dome	45-20 ±3	88	3.15k	6/3	16 x 9 x 11	Opt., Wood		30	1850.00 Pair
	Dynaudio Twynn	Aperiodic	No	(2)7			1 1/8	Dome	40-24 ±3	90	3.15k	4/3	40 x 9 x 12	Opt., Wood	Blk.	65	2750.00 Pair
Dynaudio Aries	Sealed	No	8			1 1/8	Dome	40-20 ±3	88	2.7k	6/3	40 x 9 x 11	Opt., Wood		50	2200.00 Pair	
Dynaudio Myrage	Vented	No	(2)10	(2)3	Domes	1 1/8	Dome	35-24 ±3	92	500.2.5k	4/2	51 x 11 x 11	Opt., Wood		150	7000.00 Pair	

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
ADVANCED ELECTRO-DYNAMIC SYSTEMS	Obsidian	Vented	No	6½			1	Dome	45-20 ±3	87	2.3k	8/6	16 x 10 x 11	Gray Textured Satin Blk.	Blk. Knit	24	1095.00 Pair	
	T1000	Omni	No	9			2x6	Wave Tube	35-22 ±3	86	1.8k	8/7	49 x 14 x 14	Blk. Knit	Blk. Knit	48	3395.00 Pair	
ADVANCED SOUND	ADP Bipolar Satellites Series II	Bipolar	No	(4)8	(4)4½		Cones	1¼, ¾	Domes	40-28	94	1k, 5k, 12k	8/6	56 x 30 x 6	Opt., Wood	Opt., Knit	180	16,000 Pair
	ADP Bipolar Amplified Subwoofers Series II	Powered Sub.	No	(4)10						24-90 Hz	94	90	8/6	56 x 20 x 28	Opt., Wood	Opt., Knit	300	10,500 Pair
	AOP Ziggurat	Time Coherent, Tuned Port	No	12	4½	Cone	1	Dome	32-22	91	900, 6k	8/6	41 x 17 x 15	Opt., Wood	Opt., Knit	150	4000.00 Pair	
	ADP Campanile I	Tuned Port	No	(2)8	4½	Cone	1	Dome	38-22	92	900, 6k	4/3	36 x 13 x 13	Opt., Wood	Opt., Knit	95	3000.00 Pair	
	ADP Campanile II	Tuned Port	No	(2)10	8	Cone	1	Dome	32-22	93	300, 2.5k	4/3	49 x 13 x 20	Opt., Wood	Opt., Knit	130	4500.00 Pair	
	ADP Campanile II Plus	Tuned Port	No	15, (2)10	8	Cone	1	Dome	22-22	93	70, 300, 2.5k	4/3	59 x 14 x 20	Opt., Wood	Opt., Knit	165	6000.00 Pair	
	ADP Monolith 12P	Powered, Tuned Port Sub.	No	12						28-150 Hz	91	150	8/6	22 x 20 x 20	Opt., Wood	Opt., Knit	130	2500.00 Pair
	ADP Amplified Mono Subwoofer	Sat.	No	(2)4½			1	Dome	120-22	94	6k	4/3	18 x 8 x 12	Opt., Wood	Opt., Knit	38	600.00 Pair	
	ADP Cornerstone Bookshelf	Powered Sat.	Yes	(2)4½			1	Dome	120-22	94	6k	4/3	18 x 8 x 12	Opt., Wood	Opt., Knit	48	1000.00 Pair	
ADVANCED SOUND TECHNOLOGY	Echelon 2.0		No	8½	2		Dome	1	Dome	39-20	91	1.4k, 7k	11/7	47 x 11 x 15	Opt., Wood	Blk.	77	From 2495.00 Pair
	Echelon 0.5		No	6½			¾, 1	Cone, Dome	45-20	87	2.8k, 12k	8/6	18 x 10 x 14	Opt., Wood	Blk.	38	From 1295.00 Pair	
ADVENT	AV400	Sat. Ctr. Ch.	Yes	4			1	Cone	120-20 ±3	89	4.2k	8/	5 x 9 x 6	Opt. Blk.	Opt., Cloth Blk.	110	199.00 Pair	
	AV420CC Sub450AV	Powered Sub.	Yes/No	3½/10			1	Cone	100-20 ±3 32-150 Hz	89	4.2k 50-100 (Var.)	8/	12 x 6 x 6 14 x 12 x 16	Blk. Blk.	Blk. Blk.	120	159.00 Each 399.00 Each	
ADVENT	AV575	Sat. Ctr. Ch.	Yes	5			1	Dome	80-20 ±3	91	4.2k	8/	13 x 6 x 7	Blk. Blk.	Blk. Blk.	80	349.00 Pair	
	AV520CC Sub550AV	Powered Sub.	Yes/No	(2)4¼/15			1	Dome	80-20 ±3 27-150 Hz ±3	90	4.2k 40-100 (Var.)	8/	13 x 6 x 7 18 x 16 x 22	Blk. Blk.	Blk. Blk.	80	259.00 Each 599.00 Each	
AERIAL ACOUSTICS	10T	Vented	No	10½	5¼	Cone	1	Dome	28-22 ±2	86	360, 2.7k	4/3	42 x 13 x 19	Opt., Wood	Blk. Foam	110	6500.00 Pair	
	8	Vented	No	10½	7	Cone	1	Dome	28-22 ±2	86	300, 2.5k	6/4	45 x 9 x 20	Opt., Wood	Blk. Cloth	120	5000.00 Pair	
	7B	Vented	No	(2)7	5	Cone	1	Dome	35-22 ±2	86	400, 2.7k	6/4	43 x 9 x 15	Opt., Wood	Blk. Cloth	95	3800.00 Pair	
	7A	Vented	No	9			1	Dome	35-22 ±2	86	2.2k	4/3	41 x 10 x 14	Opt., Wood	Blk. Cloth	80	2800.00 Pair	
	5	Ac. Sus.	No	7			1	Dome	60-22 ±2	85	2.5k	4/3	13 x 8 x 10	Opt., Wood	Blk. Foam	25	1800.00 Pair	
	CC3	Ctr. Ch.; Ac. Sus.	Yes	(2)7	5	Cone	1	Dome	58-22 ±2	86	450, 4k	6/4	10 x 24 x 11	Blk. Blk.	Blk. Cloth	42	1200.00 Each	
	SR3 (optional remote)	Surround; Ac. Sus.	No	7	(2)¾	Cones	(2)¾	Domes	55-22 ±3	85	300, 3.5k	6/3	16 x 17 x 7	Blk. Blk.	Opt., Cloth	31	2400.00 Pair	
	SW3 (w/remote)	Powered, Vented Sub.	No	12½						20-120 Hz ±2		30/40/50/65/80/120		24 x 14 x 23	Blk.	Blk. Cloth	120	3600.00 Each
	AES	Axia Two	Surround	Yes	(2)5¼			¾	Dome	60-21	90	3k	8/	18 x 7 x 10	Blk. Wood Vinyl	Blk.	15	189.00 Each
		Basis 120	Powered Sub.	No	12					28-180 Hz		60-180 (Var.)		13 x 15 x 16	Blk. Wood Vinyl	Blk.	55	595.00 Each
225S		In-Wall/Ceiling	No	6½			1	Dome	40-22.5	90	2.5k	8/	12 x 8 x 3	Wht. Plast.	Wht. Steel	8	179.95 Each	
100S MkII		In-Wall/Ceiling	No	6½			¾	Dome	52-21	91	3k	8/	12 x 8 x 3	Wht. Plast.	Wht. Steel	6	124.95 Each	
65F		In-Wall/Ceiling; Coaxial	No	6½			¾	Dome	40-21.5	91	3k	8/	9 Dia. x 3	Wht. Plast.	Wht. Plast.	3	139.95 Each	
50S MkII		In-Wall/Ceiling	No	5¼			¾	Dome	68-21	91	3k	8/	12 x 8 x 3	Wht. Plast.	Wht. Steel	5	99.95 Each	
45R		In-Ceiling; Coaxial	No	5¼			¾	Dome	68-21	91	5k	8/	8 Dia.	Wht. Plast.	Blk. Plast.	5	99.95 Each	
40R		In-Ceiling; Dual Voice Coils	No	5¼	5¼				68-18	88	88	8/	8 Dia.	Wht. Plast.	Blk. Plast.	5	89.95 Each	
35F		In-Wall/Ceiling; Coaxial	No	5¼			¾	Dome	68-21	91	5k	8/	8 Dia.	Wht. Plast.	Wht. Plast.	5	89.95 Each	
30F		In-Wall/Ceiling; Dual Voice Coils	No	5¼	5¼				68-18	88	88	8/	8 Dia.	Wht. Plast.	Wht. Plast.	5	79.95 Each	
25M MkII	In-Wall/Ceiling; Dual Voice Coils	No	5¼	5¼				68-18	88	88	8/	12 x 8 x 3	Wht. Plast.	Wht. Steel	5	79.95 Each		
ALTEC LANSING	ACS45.1	Powered; Sats. & Sub.	Yes	6	3	Cone			35-20	89		10k	Three Pieces	Wht.	Wht. Knit	19 Sys.	99.99 Sys.	
	ACS48	Powered; Sats. & Sub.	Yes	6½	3	Cone	½	Dome	32-20	89	180		Three Pieces	Gray	Gray Knit	15 Sys.	159.95 Sys.	
	ADA70	Powered; Sats. & Sub.	Yes	6	3	Cone	1	Dome	35-20	89	3.5k	10k	Three Pieces	Wht.	Wht. Knit	20 Sys.	149.99 Sys.	
	ADA305	Powered; Sats. & Sub. w/Dolby Pro Logic Processing	Yes	6	3	Cone			32-20	89		10k	Three Pieces	Wht.	Wht. Knit	21 Sys.	199.99 Sys.	



The Extraordinary Technology  
Inside Definitive's New BP3000TL



"Thunder Towers"  
—*Stereo Review*



# “Definitive’s New Flagship BP3000TL Brings You the Ultimate Listening Experience!”

*Our revolutionary bipolar BP3000TLs, with dual built-in 1000-watt powered 18" subwoofers, are the absolute state-of-the-art for music and home theater perfection.*

## **“Speaker of the Decade”**

Reviewers and experts agree that our extraordinary BP2000 Series bipolar powered towers have set the industry reference standard for superior music and home theater performance. Now, Definitive again literally redefines the state-of-the-art with a brilliant new achievement in sonic perfection.

The amazing new BP3000TL is a true technological masterpiece! Our engineers have perfected a highly sophisticated six-driver dual D’Appolito bipolar array combined with an awe-inspiring built-in 1000-watt powered 18" subwoofer.

The result is truly stunning sonic performance beyond anything you’ve ever heard. Both music and movies are reproduced with unequalled purity, transparency and vivid lifelike realism. And the astounding high-resolution imaging and awesome bass impact will totally envelop you in sonic ecstasy.



*Definitive’s new top-of-the-line BP3000TL combines exquisite designer styling with performance beyond your wildest dreams!*

## **Your Ultimate Home Theater**

In addition to being a music lover’s dream, the BP3000TLs are also the main speakers in Definitive’s perfectly timbre-matched ultimate home theater. This astonishing top-of-the-line system recreates a thrilling “you are there” virtual reality that will actually put you into the soundspace of the original performance or cinematic action.

Definitive’s new flagship system combines the BP3000TLs (\$2250 ea.) with the remarkable new CLR3000 (an amazing center channel with built-in 150-watt powered 10" subwoofer: \$999) and your choice of Definitive bipolar surrounds. Or go all the way with our powered towers in the rear too, for the Definitive ultimate listening experience!

**Definitive Technology®**  
*The Leader in High-Performance Loudspeakers®*

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CIRCLE NO. 12 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
ALTEC LANSING (Continued)	ADA310	Powered; Sats. & Sub. w/Dolby Digital Decoding	Yes	6	3	Cone			32-20	89		10k	Three Pieces	Gray	Gray Knit	21 Sys.	299.99 Sys.
	ADA600	Powered; 5 Sats. & Sub. w/Dolby Digital Decoding	Yes	8	3	Cone	1	Dome	28-20	89	3.5k	10k	Six Pieces	Blk.	Blk. Knit	36 Sys.	599.99 Sys.
ALTERNATE AUDIO	PS40	Planar Mag. Hybrid	No	10			40	Planar Mag.	35-20 ±3	88	300	8/6	69 x 16 x 17	Opt., Wood	Blk. Knit	85	4500.00 Pair
AMBIANCE ACOUSTICS	California Cube w/EQC-1	Vented	No		(4)4½	Cones			38-16.5 +0,-5	90		8/7		Opt.	Blk. Knit	30	From 1395.00 Pair w/EQ
AMERICAN POWER AND LIGHT	Sound Tile	Wall-Mount; Planar Magnetic	Yes		12	Planar Mag.			20-22 ±2			4/3	8 Tiles	Opt.	Opt.	60 Sys.	1000.00 Sys.
	The Screen	Planar Magnetic Video Screen	Yes	(8)8	(6) 36x10	Planar Mag.	(6) 1½x36	Planar Mag.	12-26 ±2	93		3.2/	3-Meter Diagonal Screen	Opt.		500 Sys.	16,000 Sys.
	Planar Transducer	Planar Magnetic Video Screens & Sub.	Yes	(2) 36x10	(2) 36x10	Planar Mag.	1½x36	Planar Mag.				3.2/	Three Pieces	Opt.	Silk	200 Sys.	12,000 Sys.
	Alix-Anne	Trans. Line	Yes	(4)8	(4)1½	Cones	(3)1½	Cones	38-22 ±2	96		3.2/	36 x 14 x 4	Opt.	Silk	60	4000.00 Pair
	Alix	Trans. Line	Yes	(4)8	(4)1½	Cones	(3)1½	Cones	38-22 ±2	94		3.2/	36 x 14 x 4	Opt.	Opt.	48	2800.00 Pair
	LT-2	Trans. Line	Yes	(4)6½	(2)1½	Cones	(2)1½	Cones	42-22 ±4			4.5/	24 x 14 x 3	Opt.	Opt.	21	1500.00 Pair
	Mary Elizabeth T Driver	Multimedia Stereo Sub.	Yes	(2)4½			1½	Cone	45-22 ±4	88		4/4	15 x 6 x 3	Opt.	Opt.	8	700.00 Pair
AMPHION	Subwoofer V Driver	Stereo Sub.	Yes	(8)8					15 Hz-Sel.	91	Var.	Var.	26 x 18 x 18	Opt.		60	From 600.00 Each
	Subwoofer		Yes	(8)8					12 Hz-Sel.	93	Var.	Var.	20 x 20 x 20	Opt.		76	1500.00 Each; w/Xover, 2600.00
	Perimeter Driver	Planar Magnetic	Yes	(2)8	4x8	Planar Mag.	1	Planar Mag.	22-26	88	Var.	4.2/	28 x 14 x 3	Opt.	Silk	22	1000.00 Pair
ARGON	Argon	Bass Ref.	No	6½			¾	Dome	70-19 ±1	83	1.8k	8/7	8 x 15 x 11	Blk. Lacq.		21	895.00 Pair
APOGEE ACOUSTICS	Cassiopeia-6	Ribbon; Hybrid	Yes	6½			4	Ribbon	45-25		1.8k	6/	16 x 10 x 12	Opt.	Blk. Knit	30	From 700.00 Each
	Perseus-6	Ribbon; Hybrid	Yes	(2)6½			4	Ribbon	45-25		1.8k	8/	24 x 9 x 12	Opt.	Blk. Knit	44	From 900.00 Each
	Auriga-F	In-Wall; Ribbon; Hybrid	No	6½			26	Ribbon	40-20 ±3	700	700	6/4	45 x 10 x 3	Wht.	Wht. Metal	45	2000.00 Pair
	Auriga-S	On-Wall; Ribbon; Hybrid	No	6½			26	Ribbon	40-20 ±3	700	700	6/4	56 x 13 x 4	Wht.	Wht. Metal	45	2200.00 Pair
	Capella-6	Ribbon Dipole	No	6½			4	Ribbon	35-25	1.8k	1.8k	6/	16 x 11 x 3	Wht. Blk.	Wht. Blk. Knit	11	500.00 Each
	Cepheus-6	Ribbon Dipole; Hybrid	No	(2)6½			0.7x 26	Ribbon	32-20	700	700	6/4	53 x 15 x 14	Blk.	Blk. Knit	80	3000.00 Pair
	Cepheus-8	Ribbon Dipole; Hybrid	No	(2)8½			0.7x 40	Ribbon	26-20	600	600	6/4	60 x 17 x 17	Blk.	Blk. Knit	120	4700.00 Pair
	Stage	Ribbon Dipole	No	12x26			0.7x 26	Ribbon	35-20	600	600	4/3	37 x 25 x 2	Opt.	Fiberglass	60	3500.00 Pair
	Drago-8 Sub 8	Powered Sub. Sub.	No	(4)8					20-80 Hz		Var. 80	3/	24 x 20 x 13	Opt. Blk.;	None Blk.	55	1800.00 Each
	Sub 10	Slot-Loaded Sub.	No	(2)10					20-70 Hz		70	3/	17 x 29 x 25	Textured Blk.;	Blk. Cloth	85	4500.00 Pair
ARANT	Studio Ribbon Array	Ribbon	No	14x48			0.7x 48	Ribbon	30-20	400	400	3/	66 x 28 x 3	Textured Opt.	Opt.	110	8000.00 Pair
	Studio Grand	Ribbon & Slot-Loaded Woofer	No	(2)10, 14x48			0.7x 48	Ribbon	20-20			3/	83 x 29 x 25	Opt.	Opt.	195	13,000 Pair
	Mini Grand	Ribbon & Sub.	No	(2)8, 12x26			0.7x 26	Ribbon	20-20			3/	Two Pieces Per Side	Opt.	Blk. Knit	115 Side	6500.00 Sys.
ARANT	A-50	Vented		5¼			¾	Dome	70-20 ±3	89	3.5k	4/	10 x 7 x 5	Oiled Wal.	Blk. Knit	10	225.00 Pair
	A-60	Vented		6½			1	Dome	49-20 ±3	90	3.3k	8/	17 x 10 x 8	Oiled Wal.	Blk. Knit	15	300.00 Pair
	A-80	Vented		8			1	Dome	38-22 ±3	91	2.7k	8/	19 x 11 x 10	Oiled Wal.	Blk. Knit	19	475.00 Pair
	A-140	Pas. Rad.		6½			1	Dome	40-20 ±3	90	2.5k	8/	19 x 11 x 11	Oiled Wal.	Blk. Knit	25	550.00 Pair
	A-200	Vented		10	4	Cone	1	Dome	25-22	92	800,2.7k	8/	26 x 16 x 12	Oiled Wal.	Blk. Knit	50	825.00 Pair
ARES SOUND	Ares I	Bass Ref.	No	5			1	Dome	45-25 ±5	90	3k	8/	14 x 8 x 11	Gloss Lacewood	Blk. Knit	23	2900.00 Pair
	Ares II	Bass Ref.	No	7			1	Dome	30-25 ±5	90	2k	8/	39 x 11 x 15	Gloss Aneigre	Blk. Knit	78	3900.00 Pair
	Ares III	Bass Ref.	No	(2)8	5	Cone	1	Dome	30-25 ±5	90	400,3k	4/	43 x 11 x 16	Gloss Mahogany	Blk. Knit	120	7900.00 Pair
ARTEMIS SYSTEMS	EOS 11.V	Bass Ref.	No	7			1	Inv. Dome	50-20 ±2	88		8/7	17 x 14 x 17	Satin Blk.	Blk. Knit	65	6300.00 Pair
	EOS Signature	Bass Ref.	No	7			1	Inv. Dome	50-20 ±2	88		8/7	Two Pieces Per Side	Satin Blk.	Blk. Knit	140 Side	8200.00 Sys.
	Small Base Module	Bass Ref. Sub.	No	10				Dome	31-50 Hz ±2	88		8/7	28 x 14 x 18	Satin Blk.	Blk. Knit	120	6000.00 Pair
	Large Base Module	Bass Ref. Sub.	No	11				Dome	26-50 Hz ±2	88		8/7	27 x 20 x 29	Satin Blk.	Blk. Knit	225	9400.00 Pair
ASB	SR-IV mkV	Trans. Line	No	8	4	Cone	1	Dome	22-30 ±3		300,3k	8/6	11 x 60 x 18	Wal.	Blk.	85	7495.00 Pair
	SR-III mkV	Trans. Line	No	(2)7			1	Dome	35-20 ±3		2k	8/6	10 x 44 x 14	Wal.	Blk.	70	5495.00 Pair
	SR-II mkV	Trans. Line	No	7			1	Dome	36-20 ±3		2k	8/6	10 x 38 x 13	Wal.	Blk.	65	3895.00 Pair
	SR-I mkV	Trans. Line	No	6½			1	Dome	37-20 ±3		2k	8/6	10 x 36 x 12	Wal.	Blk.	50	2195.00 Pair
	EEW-1	Bass Ref.	No	5¼			1	Dome	50-20 ±3		2k	8/6	9 x 15 x 7	Oak	Blk.	25	1195.00 Pair
ATC (Continued)	A7	Sealed	Opt.	5	1¾	Coax Dome	1	Dome	60-20 ±3	83	2.5k	8/5.6	13 x 7 x 9	Opt.	Blk. Knit	17	1700.00 Pair

# Definitive's Bipolar Superspeakers Triumph in Triple Speaker-of-the-Year Grand Prix Victory!

*"Just like our new flagship BP3000TL, the award-winning BP2000, BP2002 and BP2004 all combine our revolutionary bipolar technology with built-in powered subs for extraordinary music and home theater!"*

**"I would choose these speakers for myself"**

*— Julian Hirsch, Stereo Review*

If you're looking for the finest sounding music and home theater speakers available, listen and you'll agree that Definitive's bipolar powered towers are clearly your obvious choice. Our unprecedented triple Grand Prix triumph absolutely confirms what the world's top reviewers all know: Definitive loudspeakers sound the best!

**"Bipolar Superspeakers"**

*— Brent Butterworth, Home Theater*

Experts agree that bipolar loudspeakers are sonically superior to all others for both music and home theater. In fact, top expert Brent Butterworth wrote, "Bipolar systems are as close as we've come to finding the Holy Grail."

Unlike conventional loudspeakers, all of Definitive's revolutionary bipolars have two sets of precision drivers which radiate sound front and rear in an omnidirectional pattern exactly the way sound is produced naturally.

The sonic benefits are dramatic, recreating a remarkable room-filling three-dimensional soundfield which is the closest thing to being there. In addition, the wide dispersion benefits of bipolar technology assure every listener of superb sound wherever they sit or stand.



*Definitive's magnificent BP2000, BP2002 and BP2004 Home Theater Systems will make the walls of your room seem to disappear so you actually feel like you're right at the concert or literally part of the movie.*

**"This slammin' system will probably kill any others you've heard"**

*— Brent Butterworth, Home Theater*

With their awesome built-in high powered subwoofers, the BP2000 (\$1499 ea. with 15" sub and 300 watt amp), BP2002 (\$999 ea. with 12" sub and 125 watts) and BP2004 (\$749 ea. with 10" and 125 watts) will all achieve a unique combination of delicate musicality and thunderous power for music and movie perfection in your home.

**"Has given me that special thrill that usually costs ten or more times its price to obtain"**

*— Julian Hirsch, Stereo Review*

In addition to their totally unsurpassed sonic performance, Definitive's powered towers also deliver absolutely unequalled value. And when you combine them with our perfectly timbre-matched center channels and surrounds, you will have a Dolby Digital<sup>®</sup> and DTS<sup>®</sup> ready home theater system which, to quote *Video Magazine*, "will make you literally feel like you're part of the movie." You must experience these Grand Prix Award-winning superspeakers today!

**Definitive Technology<sup>®</sup>**  
*The Leader in High-Performance Loudspeakers<sup>®</sup>*

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Visit us at <http://www.definitivetech.com> \*Registered trademark

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
ATC (Continued)	A7T	Sealed	Opt.	5	1 1/4	Coax Dome	1	Dome	55-20 ±3	83	2.5k	8/5.6	36 x 7 x 9	Opt.	Blk. Knit	30	2500.00 Pair
	SCM 10	Sealed	Opt.	5	1 1/4	Coax Dome	1	Dome	65-20 ±3	80	2.8k	8/5.6	15 x 7 x 10	Opt.	Blk. Knit	22	2350.00 Pair
	SCM 20 SL	Sealed	Opt.	6 1/2	3	Coax Dome	1	Dome	60-20 ±3	83	2.8k	8/5.6	17 x 9 x 13	Opt.	Blk. Knit	50	4100.00 Pair
	SCM 20T SL	Sealed	Opt.	6 1/2	3	Coax Dome	1	Dome	60-20 ±3	83	2.8k	8/5.6	40 x 9 x 13	Opt.	Blk. Knit	73	5625.00 Pair
	SCM 20TA SL	Sealed; Powered Woofer	Opt.	6 1/2	3	Coax Dome	1	Dome	60-20 ±3		2.8k		40 x 9 x 14	Opt.	Blk. Knit	88	9350.00 Pair
	SCM 50 SL	Bass Ref.	Opt.	9	3	Dome	1	Dome	38-20 ±3	85	380,3.5k	8/5.6	28 x 12 x 17	Opt.	Blk. Knit	91	9925.00 Pair
	SCM 50A SL	Bass Ref.; Powered Woofer	Opt.	9	3	Dome	1	Dome	38-20 ±3		380,3.5k		28 x 12 x 19	Opt.	Blk. Knit	108	13,500 Pair
	SCM 100 SL	Bass Ref.	Opt.	12	3	Dome	1	Dome	32-20 ±3	88	380,3.5k	8/5.6	33 x 16 x 21	Opt.	Blk. Knit	126	11,575 Pair
	SCM 100A SL	Bass Ref.; Powered Woofer	Opt.	12	3	Dome	1	Dome	32-20 ±3		380,3.5k		33 x 16 x 23	Opt.	Blk. Knit	143	15,125 Pair
	SCM 200A SL	Bass Ref.; Powered Woofers	Opt.	(2)12	3	Dome	1 1/4	Dome	32-20 ±3		380,3.5k		33 x 29 x 17	Opt.	Blk. Knit	255	36,425 Pair
SCM 300A SL	Bass Ref.; Powered Woofers	Opt.	(2)15	3	Dome	1 1/4	Dome	25-20 ±3		380,3.5k		35 x 36 x 19	Opt.	Blk. Knit	308	41,400 Pair	
SCM 0.1/15	Powered Woofers	Opt.	15					18-2 ±3		Sel.		25 x 25 x 25	Opt.		176	8900.00 Each	
ATLANTIC TECHNOLOGY	4.5 LR	Sat.	Yes	3 1/2			1	Dome	120-20	89	5k	8/6	6 x 5 x 11	Blk. Gloss	Blk. Knit		
	4.5 C	Ctr. Ch.	Yes	3 1/2			1	Dome	120-20	89	5k	8/6	11 x 6 x 6	Blk. Gloss	Blk. Knit		
	4.5 SR	Surround Ch.	No	3 1/2			(2) 3/4	Domes	120-20	89	3.5k	8/6	5 x 9 x 8	Blk. Gloss	Blk. Knit		
	4.5 PBM	Powered Sub.	No	10					30-150 Hz				17 x 14 x 12	Blk. Vinyl	Blk. Knit		
	371 LR	Sat.	Yes	6 1/2	3 1/2	Cone	1	Dome	80-20 ±3	91	350,4.5k	8/6	8 x 24 x 12	Blk. Vinyl	Blk. Knit	27	1299.00 Pair
	373 C	Ctr. Ch.	Yes	6 1/2	3 1/2	Cone	1	Dome	80-20 ±3	91	350,4.5k	8/6	26 x 10 x 11	Blk. Vinyl	Blk. Knit	25	749.00 Each
	374 SR	Surround Ch.	No	5 1/4			(2) 3/4	Domes	80-20 ±3	91	3.5k	8/6	8 x 19 x 8	Blk. Vinyl	Blk. Knit	12	699.00 Pair
	372 PBM	Powered Sub.	No	15					25-500 Hz				17 x 23 x 20	Blk. Vinyl	Blk. Knit	86	1249.00 Each
	271 LR	Sat.	Yes	(2)5 1/4			1	Dome	80-20 ±3	90	2.5k	8/6	7 x 15 x 8	Blk. Vinyl	Blk. Knit	13	599.00 Pair
	273 C	Ctr. Ch.	Yes	(2)5 1/4			1	Dome	80-20 ±3	90	2.5k	8/6	18 x 8 x 8	Blk. Vinyl	Blk. Knit	15	449.00 Each
	274 SR	Surround Ch.	No	(2)4 1/2			(2) 3/4	Domes	80-20 ±3	90	3k	8/6	12 x 9 x 7	Blk. Vinyl	Blk. Knit	11	549.00 Pair
	272 PBM	Powered Sub.	No	12					25-125 Hz				16 x 22 x 19	Blk. Vinyl	Blk. Knit	62	799.00 Each
	162 PBM	Powered Sub.	No	8					30-125 Hz		60-125 (Var.)		10 x 15 x 12	Blk. Vinyl	Blk. Knit	23	299.00 Each
	251.1 LR	Sat.	Yes	(2)4			3/4	Dome	50-20 ±3	90	4k	8/6	6 x 13 x 8	Blk. Vinyl	Blk. Cloth	12	399.00 Pair
	253.1 C	Ctr. Ch.	Yes	(2)4			3/4	Dome	80-20 ±3	90	4k	8/6	15 x 6 x 7	Blk. Vinyl	Blk. Cloth	12	349.00 Each
254.1 SR	Surround Ch.	No	(2)4			(2) 1/2	Domes	80-20 ±3	90	4k	8/6	9 x 10 x 3	Blk. Knit	Blk. Cloth	8	429.00 Pair	
262 PBM	Powered Sub.	No	12					30-120 Hz		80-120 (Var.)		20 x 15 x 14	Blk. Vinyl	Blk. Cloth	47	649.00 Each	
351 LR	THX; Sat.	Yes	(2)5 1/4	(2)3	Cones	1	Dome	80-20 ±3	90	500.5k	8/3.5	23 x 11 x 17	Opt.	Blk. Knit	27	999.00 Pair	
353 C	THX; Ctr. Ch.	Yes	(2)5 1/4	(2)3	Cones	1	Dome	80-20 ±3	90	500.5k	8/3.5	26 x 8 x 10	Opt.	Blk. Knit	26	599.00 Each	
354 SR	THX; Surround Ch.	Yes	(2)4			(2) 3/4	Domes	80-12 ±3	90	4.5k	8/3.5	23 x 8 x 7	Opt.	Blk. Knit	14	549.00 Pair	
352 PBM	THX; Powered Sub.	Yes	12					30-125 Hz ±3		60-125 (Var.)		20 x 19 x 16	Opt.	Blk. Knit	65	849.00 Each	
451 LR	THX; Sat.	Yes	6 1/2	3 1/4	Cone	1	Dome	80-20 ±3	90	450.5,5k	8/3.5	8 x 26 x 12	Blk. Gloss	Blk. Knit	35	1699.00 Pair	
453 C	THX; Ctr. Ch.	Yes	6 1/2	3 1/4	Cone	1	Dome	80-20 ±3	90	450.5,5k	8/3.5	26 x 10 x 10	Blk. Gloss	Blk. Knit	33	849.00 Each	
454 SR	THX; Surround Ch.	No	5 1/4			(2) 3/4	Domes	80-20 ±3	90	4.5k	8/3.5	8 x 19 x 8	Blk. Gloss	Blk. Knit	22	999.00 Pair	
452 PBM	THX; Powered Sub.	Yes	15					25-450 Hz		60-125 (Var.)		17 x 23 x 20	Blk. Gloss	Blk. Knit	75	1499.00 Each	
AUDIODYNE	Omni-Flex Series II	Omni	Yes	16			2	Dome	30-20 ±3	96	1.7k	8/6	22 Dia. x 46	Lacq. Oak	None	100	15,000 Pair
AUDIO ELECTRONIC SUPPLY	SP-301	Bass Ref.	No	6 1/2			1 1/2	Dome		90	3.1k	8/4.3		Piano Blk.	Blk. Knit	51	1099.00 Pair; Kit, 799.00
	SP-1A	Bass Ref.	No	15				Horn		94	1.5k	12/7		Cherry	Blk. Knit	63	999.00 Pair; Kit, 699.00
AUDIO GEM	The Opal	Bass Ref.	No	6			1 1/2	Dome		88		8/	14 x 9 x 8	Blk.	Blk. Knit		499.00 Pair
	The Emerald	Bass Ref.	No	8			1 1/2	Dome		88		8/	36 x 7 x 8	Blk.	Blk. Knit		999.00 Pair
AUDIO PHYSIC	Avanti II	Ac. Sus.		6			1 1/2	Dome	32-27 +0, -3	88		4/	44 x 8 x 16	Opt.		63	9495.00 Pair
	Caldera	Ac. Sus.		8	6 1/2	Cone	1	Dome	32-22 +0, -3	91		4/	44 x 10 x 20	Opt., Wood		119	18,995 Pair
	Medea	Ac. Sus.		10								4/	43 x 10 x 20	Opt.		192	49,995 Pair
	Rhea	Powered												Opt.		88	5995.00 Each
	Luna	Ac. Sus. Sub. Powered		(2)8					10-2				25 x 16 x 11	Opt.	Blk.	58	2995.00 Each
	Step	Ac. Sus. Sub. Bass Ref.		4		Cone	1	Dome	60-25 +0, -3	84		4/	13 x 6 x 9	Opt., Wood		11	1795.00 Pair
	Step SLE	Bass Ref.		4		Cone	1	Dome	60-25 +0, -3	84		4/	13 x 6 x 9	Opt., Wood		11	2495.00 Pair
Spark	Bass Ref.		5		Cone	1	Dome	38-25 +0, -3	86		4/	39 x 6 x 9	Opt.		34	2495.00 Pair	
Tempo II	Bass Ref.		6		Cone	1 1/2	Dome	38-27 +0, -3	88		8/	42 x 8 x 10	Opt.		46	3495.00 Pair	
Virgo	Bass Ref.		6	4	Cone	1	Dome	34-21 +0, -3	90		4/	40 x 6 x 16	Opt., Wood		57	5395.00 Pair	
AUDIO-SOURCE	IW Five	In-Wall/Ceiling	No	5 1/4			3/4	Dome	80-20	91	2.5k	8/	7 Dia. x 3	Wht.	Wht. Metal	4	129.99 Pair
	IW Six	In-Wall/Ceiling	No	6 1/2			3/4	Dome	60-20	91	2.5k	8/	8 Dia. x 3	Wht.	Wht. Metal	4	199.99 Pair
	Project One	Indoor/Outdoor; Ported	Yes	4			5/8	Dome	60-20 ±3	90	2.5k	8/	9 x 6 x 7	Opt., Plast.	Opt., Plast.	6	199.95 Pair
	LS 100	Indoor/Outdoor; Ac. Sus.	No	4	2	Cone	1	Piezo	80-20 ±3	85	1.5k,5k	8/	8 x 6 x 5	Blk. Plast.	Blk. Metal	7	99.95 Pair
	LS 300	Sealed	No	4			3/4	Dome	80-20	91	2.5k	8/	7 x 5 x 5	Matte Blk.	Blk. Metal	3	129.99 Pair
	VS Four	Ctr. Ch.; Ported	Yes	(3)4			5/8	Dome	60-20 ±2	93	5k	8/	6 x 20 x 9	Blk. Ash Vinyl	Blk. Cloth	13	149.95 Each
	VS 2.1	Ctr. & Surround Ch.	Yes	4					100-20 ±3	88		8/	Three Pieces	Vinyl	Blk. Cloth	15	179.95 Sys.
	VS 3.1	Ctr. & Surround Ch.	Yes	4			5/8	Dome	80-20 ±3	91	4.5k	8/	Three Pieces	Vinyl	Blk. Cloth	15	179.95 Sys.
	VS 3.2	Ctr. & Surround Ch.	Yes	4			5/8	Dome	80-20 ±3	91	4.5k	8/	Three Pieces	Vinyl	Blk. Cloth	15	179.95 Sys.
	MCSW 1	Powered, Ported Sub.	Yes	8					30-250 Hz		40-180 (Var.)		12 x 12 x 12	Blk. Ash Vinyl	Blk. Cloth	30	249.95 Each
SW Nine	Powered, Ported Sub.	Yes	8					30-250 Hz		40-180 (Var.)		13 x 15 x 16	Blk. Ash Vinyl	Blk. Cloth	31	299.95 Each	

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
AUDIO-SOURCE (Continued)	SW 6/A	Powered, Ported Sub.	No	8					30-250 Hz		40-180 (Var.)	13 x 14 x 15	Blk. Ash Vinyl		32	349.95 Each	
	SW Eleven	Powered, Ported Sub.	Yes	10					30-250 Hz		40-180 (Var.)	13 x 15 x 16	Blk. Ash Vinyl	Blk. Cloth	32	399.95 Each	
	SW Two	Powered, Ported Sub.	Yes	10					30-250 Hz		40-180 (Var.)	15 x 11 x 14	Blk. Ash Vinyl	Blk. Cloth	36	399.95 Each	
	SW Four	Powered, Ported Sub.	Yes	12					20-250 Hz		40-180 (Var.)	13 x 20 x 16	Blk. Ash Vinyl		39	499.95 Each	
	SW Five (w/remote)	Powered, Ported Sub.	Yes	12					20-250 Hz		40-180 (Var.)	13 x 20 x 16	Blk. Ash Vinyl		39	599.95 Each	
	SW Twelve	Powered, Ported Sub.	Yes	12					20-250 Hz		40-180 (Var.)	16 x 17 x 18	Blk. Ash Vinyl	Blk. Cloth	36	499.95 Each	
	SW Fifteen	Powered Sub.	No	15					20-250 Hz		40-180 (Var.)	22 x 16 x 19	Blk. Ash Vinyl		45	499.95 Each	
AUDIO-VECTOR	6X	Bass Ref.	No	10.8	4	Cone	1	Dome	25-25 ±2	92.5	125,600, 3.5k	47 x 13 x 15	Opt.	Blk. Knit	120	9995.00 Pair	
	5X	Bass Ref.	No	(2)8	6	Cone	1	Dome	30-25 ±2	91.5	6/	43 x 9 x 13	Opt.	Blk. Knit	83	6995.00 Pair	
	M3 Signature	Bass Ref.	No	6	6	Cone	1	Dome	30-25 ±2	90	8/	40 x 8 x 12	Opt.	Blk. Knit	57	4295.00 Pair	
	M3	Bass Ref.	No	6	6	Cone	1	Dome	35-22 ±2	90.5	8/	40 x 8 x 11	Opt.	Blk. Knit	52	3395.00 Pair	
	M2	Bass Ref.	No	6	6	Cone	1	Dome	40-22 ±2	91.5	8/	40 x 8 x 11	Opt.	Blk. Knit	46	2495.00 Pair	
	M1 Signature	Bass Ref.	No	6	6	Cone	1	Dome	45-25 ±2	87	8/	14 x 8 x 11	Opt.	Blk. Knit	15	2345.00 Pair	
	M1 Super	Bass Ref.	No	6	6	Cone	1	Dome	50-22 ±2	87	8/	14 x 8 x 10	Opt.	Blk. Knit	13	1645.00 Pair	
	M1	Bass Ref.	No	6	6	Cone	1	Dome	55-22 ±2	87	8/	14 x 8 x 10	Opt.	Blk. Knit	11	1245.00 Pair	
	AV3C Super	Ctr. Ch.; Bass Ref.	Yes	(2)6					45-22 ±2	92	8/	20 x 8 x 10	Opt.	Blk. Knit	28	1345.00 Each	
	AV3C	Ctr. Ch.; Bass Ref.	Yes	(2)6					50-22 ±2	92	8/	20 x 8 x 10	Opt.	Blk. Knit	24	945.00 Each	
AUDIRE	Image I		No			Planar Ribbon			30-20	90		7/7	69 x 32 x 3	Oiled Wal.	Blk. Knit	100	17,500 Pair
AURA SYSTEMS	LSCP-2	4 Sats., Ctr. Ch. & Powered Sub.	Yes	10		Cone		Monopole	20-20	88	50-200, 2.8k	6/	Six Pieces	Blk.	Blk. Knit	77	949.95 Sys.
	LSB-527M		Yes	5 1/4				Monopole	40-20	88	2.8k	6/	12 x 7 x 7	Blk.	Blk. Knit	8	199.95 Pair
	LSB-627M		Yes	6 1/2				Monopole	40-20	88	2.2k	6/	14 x 8 x 9	Blk.	Blk. Knit	13	269.95 Pair
	LST-627M		Yes	6 1/2				Monopole	35-20	88	2.2k	6/	34 x 8 x 9	Blk.	Blk. Knit	26	319.95 Pair
	LST-827D		Yes	8				Dipole	30-20	88	2k	6/	30 x 10 x 12	Blk.	Blk. Knit	29	479.95 Pair
	LST-837D	Ctr. Ch.	Yes	8	5 1/4	Cone		Dipole	30-20	88	350, 2.8k	6/	33 x 10 x 13	Blk.	Blk. Knit	36	699.95 Pair
	LSC-537M		Yes	(2)5 1/4				Monopole	40-20	88	2.8k	6/	7 x 16 x 12	Blk.	Blk. Knit	12	179.95 Each
LSS-107A	Powered Sub.	Yes	10					20-200 Hz	88	50-200 (Var.)		16 x 16 x 16	Blk.		33	369.95 Each	
AVALON ACOUSTICS	Osiris	Sealed		(2)13	8.2	Cone, Dome	(2)1	Dome, Inv. Dome	20-40 ±1	88		4/3.6	Eight Pieces	Wood		1400 Sys.	72,000 Sys.
	Eidolon			11	3 1/2	Inv. Dome	1	Inv. Dome	26-34 ±1	87		4/3.6	44 x 12 x 17	Wood	Blk. Knit	150	19,500 Pair
	Radian HC	Sealed		(2)9	3 1/2	Cone	1	Dome	20-24 ±3	88		4/3.6	48 x 12 x 19	Wood	Blk. Knit	170	12,995 Pair
	Eclipse	Sealed		9			1	Dome	35-24 ±3	86		6/5.5	39 x 11 x 15	Wood	Blk. Knit	95	7900.00 Pair
	Arcus	Sealed		8 1/2			1	Inv. Dome	35-24 ±3	86		5/4.5	37 x 10 x 13	Wood	Blk. Knit	70	6995.00 Pair
Avatar Monitor	Sealed		8			1	Dome	35-24 ±3	85		6/5.5	34 x 10 x 13	Wood	Blk. Knit	65	5395.00 Pair	
AVANCE	Dana 2	Vented		7			1	Dome	44-20	89		6/	15 x 9 x 13	Opt.	Blk. Knit	28	From 2000.00 Pair
Epsilon 980	Vented			(2)7			3/4	Dome	38-20	89		4/	39 x 8 x 14	Opt.	Blk. Knit	55	2099.00 Pair
Epsilon 960	Vented			7			3/4	Dome	45-20	89		6/	37 x 3 x 11	Opt.	Blk. Knit	34	1599.00 Pair
Epsilon 930	Vented			7			3/4	Dome	48-20	89		6/	15 x 8 x 14	Opt.	Blk. Knit	22	999.99 Pair
Epsilon 910 AV	Vented			7			3/4	Dome	54-20	89		4/	13 x 8 x 11	Opt.	Blk. Knit	18	999.00 Pair
Epsilon 950	Center	Yes		6 1/2	4	Cone	1	Dome	60-20	88		4/	8 x 21 x 12	Opt.	Blk. Knit	25	699.00 Each
Epsilon 900	Powered Sub.			12					35-150 Hz		50-150 (Adj.)		17 x 14 x 18			46	999.00 Each
Sigma 690	Vented	Yes		10	(2)6 1/2	Cones	1	Dome	45-20	90		4/	41 x 8 x 14			50	1599.00 Pair
Sigma 680 AV	Vented	Yes		(2)6 1/2			1	Dome	47-20	89		4/	39 x 8 x 14			42	1099.00 Pair
Sigma 670 AV	Vented	Yes		(2)5			1	Dome	50-20	88		4/	35 x 7 x 11			28	849.00 Pair
Sigma 650 AV	Vented	Yes		(2)6 1/2			1	Dome	50-20	89		8/	22 x 8 x 12			23	799.00 Pair
Sigma 630 AV	Vented	Yes		(2)5			1	Dome	55-20	88		4/	17 x 7 x 11			17	349.00 Each
Sigma 620 AV	Vented	Yes		6 1/2			1	Dome	55-20	87		4/	14 x 8 x 11			15	579.00 Pair
AVANTGARDE ACOUSTIC	Uno System	Horns & Powered, Vented Bass		(2)7	23	Horn	7/4	Horn	30-20	99	220, 3.5k	8/6	23 x 27 x 60	Lacq.	Blk. Knit	106	From 9100.00 Pair
	Duo System	Horns & Powered, Vented Bass		(2)7	27	Horn	7/4	Horn	22-20	103	170, 2k	8/6	27 x 28 x 68	Lacq.	Blk. Knit	140	From 13,900 Pair
	Trio Compact System	Horns & 2 Powered, Vented Subs.		(4)7	38, 23	Horns	7/4	Horn	22-20	106	100, 600, 4k	8/6	Three Pieces Per Side	Lacq.	Blk. Knit	227	From 36,900 Sys.
	Trio System	Hor & 2 Powered, Vented Subs.		(4)7	38, 23	Horns	7/4	Horn	22-20	106	100, 600, 4k	8/6	Three Pieces Per Side	Lacq.	Blk. Knit	267	From 38,900 Sys.
AVID DYNAMICS	Sterling A-60c	Inf. Baf.		6 1/2			3/4	Dome	65-22 ±3	89	5.5k	8/		Wal. Vinyl	Brown Knit		280.00 Pair
	Sterling A-80c	Inf. Baf.		8			1	Dome	54-22 ±3	90	4.5k	8/		Wal. Vinyl	Brown Knit		360.00 Pair
	Sterling A-102c	Inf. Baf.		10			1	Dome	38-22 ±3	92	3.5k	8/		Wal. Vinyl	Brown Knit		500.00 Pair
	AVS Peanut 5	Vented			5 1/4			Dome	65-20 ±3	88		8/		Opt., Wood Vinyl	Blk. Knit		230.00 Pair
	AVS Neat 7	Vented			7				48-22 ±3	90		8/		Opt., Wood Vinyl	Blk. Knit		300.00 Pair
AVS Standard	Pas. Rad.			10	7	Cone	1	Dome	40-22	93		8/		Opt., Wood Vinyl	Blk. Knit		500.00 Pair
AVS Tower	Inf. Baf.			8	5	Cone	1	Dome	34-22 ±3	90		6/		Opt., Wood Vinyl	Blk. Knit		700.00 Pair

(Continued)

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS							Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type	Magnetic Shielding?									
AVID DYNAMICS (Continued)	AVS 602	Vented		6½			¾	Dome	60-22	92		8/		Opt., Wood Vinyl	Blk. Knit		250.00 Pair	
	AVS 802	Vented		8			¾	Dome	40-22	94		8/		Opt., Wood Vinyl	Blk. Knit		300.00 Pair	
AVLAR RESEARCH TECHNOLOGY	TFT-1	Bass Ref.	No	6½			10½ Sq. In.		45-25 ±3	92	1.5k	8/4	9 x 15 x 14	Blk. Oak Vinyl	Blk. Knit	20	899.00 Pair	
	TFT-1C	Ctr. Ch.; Bass Ref.	Yes	(2)6½			10½ Sq. In.		45-25 ±3	94	1.5k	6/3	23 x 10 x 15	Blk. Oak Vinyl	Blk. Knit	30	649.00 Each	
A.W.H.	AWH 180A	Bipolar; Full-Range Driver	Yes						20-20 ±3	96		8/4	60 x 13 x 3	Blk.	Blk. Knit	60	1099.95 Pair	
	AWH 90A	Bipolar; Full-Range Driver	Yes						40-19 ±4	91		8/4	24 x 12 x 3	Blk.	Blk. Knit	15	415.95 Pair	
AXIOM	AX 1.2	Tuned Port	No	5			¾	Dome	70-22	91	3.5k	8/	11 x 6 x 8	Opt.	Blk. Knit	8	199.00 Pair	
	AX 1.5	Tuned Port	No	6½			¾	Dome	50-22 ±2	89	3.5k	8/6	15 x 8 x 8	Opt.	Blk. Knit	12	249.00 Pair	
	AX 1.5 Bookshelf	Tuned Port	No	6½			¾	Dome	45-22 ±2	89	3.5k	8/6	19 x 8 x 8	Opt.	Blk. Knit	18	299.00 Pair	
	AX 2 Bookshelf	Tuned Port	No	8			1	Dome	43-22 ±2	89	3.2k	8/6	19 x 10 x 10	Opt.	Blk. Knit	24	449.00 Pair	
	AX 2	Tuned Port	No	8			1	Dome	40-22 ±2	89	3.2k	8/6	24 x 10 x 10	Opt.	Blk. Knit	28	549.00 Pair	
	AX 3	Dual Enclosure	No	8.5			1	Dome	36-22 ±2	88	3k	6/4	36 x 10 x 10	Opt.	Blk. Knit	42	849.00 Pair	
	AX 5	Dual Enclosure	No	10.5			1	Dome	29-22 ±2	87	3k	6/4	36 x 12 x 12	Opt.	Blk. Knit	52	1499.00 Pair	
	AX 1	Tuned Port	Yes	5			1	Dome	70-22 ±2	87	3k	6/4	11 x 6 x 6	Opt.	Blk. Knit	12	549.00 Pair	
	AX 120 Sub	Tuned Port Sub.	No	8			1	Dome	40-120 Hz	91	120	8/	10 x 12 x 12	Opt.	Blk. Knit	15	199.00 Each	
	AX 150 Sub	Tuned Port Sub.	No	10			1	Dome	35-120 Hz	91	120	8/	24 x 12 x 14	Opt.	Blk. Knit	36	299.00 Each	
	AX 500 Sub	Tuned Port Sub.	No	10			1	Dome	29-120 Hz	91	120	8/	24 x 12 x 14	Opt.	Blk. Knit	38	599.00 Each	
	AX 120A Sub	Powered Sub.	No	8			1	Dome	30-120 Hz	89	120	8/	19 x 10 x 11	Opt.	Blk. Knit	24	399.00 Each	
	AX 150A Sub	Powered Sub.	No	10			1	Dome	25-120 Hz ±3	89	120		30 x 12 x 14	Opt.	Blk. Knit	48	649.00 Each	
	AX 500A Sub	Powered Sub.	No	10			1	Dome	20-120 Hz ±3	88	120		30 x 12 x 14	Opt.	Blk. Knit	56	999.00 Each	
AX 2+2	Tuned Port	No	(2)8			1	Dome	40-22 ±3	93	2.5k	6/	31 x 10 x 11	Opt.	Blk. Knit	42	699.00 Pair		
AX 1.2CC	Ctr. Ch.; Ac. Sus.	Yes	(2)5			¾	Dome	90-22 ±3	92	120	8/	16 x 6 x 7	Opt.	Blk. Knit	11	129.00 Each		
BAG END	Infra-18	Powered ELF Sub.	No	18					8-90 Hz ±3	96		4/4	24 x 21 x 18	Opt.	Blk. Cloth	92	From 1495.00 Each	
	MM-8	Coaxial	No	8			Coax		70-20	93	2.8k	8/7	14 x 10 x 8	Opt.	Opt.	30	From 1132.00 Each	
	S10E-1	ELF Sub.	No	10					8-90 Hz	84	100 Ext.	8/6	14 x 12 x 11	Opt.	Opt.	30	From 410.00 Each	
	D10E-1	ELF Sub.	No	(2)10					8-90 Hz	90	100 Ext.	4/3	25 x 16 x 16	Blk.	Blk. Cloth	51	710.00 Each	
	D12E-1	ELF Sub.	No	(2)12					8-90 Hz	90	100 Ext.	4/4	18 x 27 x 15	Blk.	Blk. Cloth	75	790.00 Each	
D18E-1	ELF Sub.	No	(2)18					8-80 Hz	95		4/3	43 x 22 x 18	Opt.	Blk. Cloth	135	From 1580.00 Each		
BANG & OLUFSEN	Beovox CX50	Pressure Chamber	Yes	4			1	Dome	80-20 +4,-8	89	2.5k	6/6	5 x 8 x 8	Opt.	Opt.	8	200.00 Each	
	Beovox CX100	Pressure Chamber	Yes	(2)4			¾	Dome	50-20 +4,-8	89	2.5k	6/6	5 x 13 x 8	Opt.	Opt.	11	300.00 Each	
	Beolab 4000	Blamped; Bass Ref.	Yes	4½			¾	Dome	55-20	97				Opt., Alum.	Opt.	24	900.00 Each	
	Beolab 6000	Blamped; Bass Ref.	Yes	(2)3½			¾	Dome	70-22 +4,-8		3k		8 x 44 x 9	Alum.	Blk.	24	1100.00 Each	
	Beolab 8000	Blamped; Bass Ref.	Yes	(2)4			¾	Dome	40-22 +4,-8		4.2k		7 x 52 x 7	Alum.	Blk.	44	1500.00 Each	
	Beolab Pentia 3	Powered; Bass Ref.	Yes	(4)5	(4)3		1	Dome	40-20		700.5k		13 x 65 x 8	Steel	Blk.	53	2500.00 Each	
BGW SYSTEMS	BGW M2200	THX; Powered Sub.	Yes	(4)15										Blk. Blk.	Blk. Metal	376	4999.00 Each	
	BGW M1100	THX; Powered Sub.	Yes	(2)15										Blk. Blk.	Blk. Metal	175	2995.00 Each	
B+I-C AMERICA	Venturi DV32	Powered Woofer	Yes	3½			½	Dome	80-20	90	5k	8/7	7 x 5 x 4	Opt.	Knit	5	149.00 Pair	
	Venturi DV52		Yes	5¼			½	Dome	55-20	90	5k	8/6	12 x 7 x 7	Opt.	Blk. Knit	9	219.00 Pair	
	Venturi DV62		No	6			¾	Dome	43-20	90	3.5k	8/7	15 x 9 x 9	Opt.	Blk. Knit	12	275.00 Pair	
	Venturi V535		Yes	(2)5¼			½	Dome	38-20	90	5k	8/6	36 x 7 x 13	Opt.	Blk. Knit	32	499.00 Pair	
	Venturi V636		Yes	(2)6			¾	Dome	32-20	90	3.5k	8/6	38 x 9 x 15	Opt.	Blk. Knit	38	299.00 Each	
	Venturi Forza		Yes	12	6	Cone	¾	Dome	22-20	90	50-150, 3.5k	8/7	38 x 9 x 17	Opt.	Blk. Knit	42	999.00 Pair	
	Venturi DV32CLR	Ctr. Ch.	Yes	(2)3½			½	Dome	75-20	90	5k	8/6	5 x 11 x 6	Blk.	Blk. Knit	5	99.00 Each	
	Venturi DV52CLR	Ctr. Ch.	Yes	(2)5¼			½	Dome	47-20	90	5k	8/7	7 x 22 x 10	Blk.	Blk. Knit	17	179.00 Each	
	Venturi DV52CLR	Ctr. Ch.	Yes	(2)6			¾	Dome	38-20	90	3.5k	8/6	8 x 25 x 12	Blk.	Blk. Knit	27	249.00 Each	
	Venturi DV62CLR	Powered Sub.	No	8					37-120 Hz		40-120 (Adj.)	8/8	11 x 11 x 11	Blk.		23	299.00 Each	
	Venturi V800A	Powered Sub.	Yes	10					33-120 Hz		70-120	8/8	16 x 12 x 16	Blk.		33	349.00 Each	
	Venturi V1000R	Powered Sub.	No	10					29-180 Hz		40-180	8/8	17 x 13 x 18	Blk.		50	459.00 Each	
	Venturi V1200R	Powered Sub.	No	12					25-180 Hz		40-180	8/8	19 x 14 x 22	Blk.		65	589.00 Each	
	Adatto A-1		Yes	5¼			½	Dome	70-20	90	5k	8/8	9 x 6 x 6	Opt.	Metal	6	159.00 Pair	
Concept Six	In-Wall	No	6			½	Dome	62-20	90	5k	8/7	12 x 8 x 3	Wht.	Metal	9	159.00 Pair		
Muro M-50	In-Wall	No	5¼			½	Dome	60-21	90	5k	8/7	11 x 8 x 3	Wht.	Metal	9	199.00 Pair		
Muro M-60	In-Wall	No	6			1	Dome	50-22	90	3.5k	8/7	12 x 9 x 3	Wht.	Metal	10	249.00 Pair		
Venturi V1-38	In-Wall	No	8	2½	Cone	1	Dome	36-23	90	600.3k	8/7	14 x 10 x 4	Wht.	Metal	13	450.00 Pair		
Muro M-SR6	In-Wall	No	6			½	Dome	55-21	90	5k	8/7	9 Dia.	Wht.	Metal	7	225.00 Pair		
BIRÓ TECHNOLOGY	L/1	Vented	No	6¾			1	Dome	55-20 ±2	87	3k	8/	16 x 10 x 11	Opt.	Blk. Knit	23	1495.00 Pair	
	L/2	Sealed	No	6¾			¾	Dome	66-20 ±2	87	3.1k	6/	15 x 10 x 11	Opt.	Blk. Knit	21	995.00 Pair	
BOSE	901 VI	Direct Reflecting; Ac. Matrix	No	(9)4½								8/	21 x 13 x 13	Opt.	Opt., Knit	36	1499.00 Pair w/EQ	
	701	Direct Reflecting; Multi-Chamber	No	(2)8	6½	Cone	(2)2¼	Cones				8/4	32 x 10 x 12	Blk.	Blk. Knit	28	899.00 Pair	
	501	Direct Reflecting; Multi-Chamber	No	5¼			(2)2½	Cones				8/4	31 x 8 x 8	Blk.	Blk. Knit	20	599.00 Pair	
	301 IV	Direct Reflecting; Ported	No	8			3,2	Cones				8/4	10 x 16 x 9	Opt.	Blk. Knit	12	369.00 Pair	
	201 IV	Direct Reflecting; Ported	No	6½			2	Cone				8/4	9 x 15 x 6	Opt.	Blk. Knit	9	229.00 Pair	



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John Atkinson, Stereophile, Vol.20 No.10



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# LOUDSPEAKERS

MANUFACTURER	Model	Application Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
BDSE (Continued)	Acoustimass 15 Home Theater System	5 Sats. & Acoustimass Bass Module	Yes	(2)5¼			(10) 2½	Cones			8/4	Six Pieces	Dpt.	Opt., Knit	53 Sys.	1399.00 Sys.	
	Acoustimass 10 Series II Home Theater System	5 Sats. & Acoustimass Bass Module	Yes	(3)5¼			(10) 2½	Cones			8/4	Six Pieces	Opt.	Opt., Knit	50 Sys.	1099.00 Sys.	
	Acoustimass 6 Home Theater System VCS-30	5 Sats. & Acoustimass Bass Module	Yes	(2)5¼			(5)2½				8/4	Six Pieces	Opt.	Opt.	24 Sys.	699.00 Sys.	
	Acoustimass 10 VCS-10	5 Sats. & Acoustimass Bass Module	Yes	(2)2½	(2)2½		(2)2½				8/4	Three Pieces	Blk.	Blk.	12 Sys.	399.00 Sys.	
	Acoustimass 5 Series III	Ctr. Ch.: Ported 2 Sats. & Acoustimass Bass Module	Yes	(2)2½			(2)2½	Cones			8/4 8/4	22 x 6 x 3 Three Pieces	Blk. Opt.	Blk. Opt., Knit	10 31 Sys.	229.00 Each 699.00 Sys.	
	Acoustimass 3 Series III	2 Sats. & Acoustimass Bass Module	Yes	5¼			(2)2½	Cones			6/	Three Pieces	Opt.	Opt., Knit	18 Sys.	469.00 Sys.	
	Acoustimass Multimedia System MediaMate	Multimedia; Powered	Yes	5¼			(2)2½	Cones				Three Pieces	Gray	Opt., Knit	30 Sys.	599.00 Sys.	
	RoomMate II 151	Multimedia; Powered; Ported	No		2½	Cone						7 x 3 x 8	Gray	Opt., Knit	4	219.00 Pair	
	131	Outdoor; Ported	No		4½	Cone					6/	7 x 9 x 6	Blk. Opt.	Blk. Metal	6	339.00 Pair	
	100	Marine; Ported	No		4½	Cone					4/	6 x 9 x 6	Wht.	Wht. Plast.	5	299.00 Pair	
141	Ported	No		4½	Cone					8/	12 x 7 x 4	Opt.	Opt., Plast.	3	259.00 Pair		
				4½	Cone					8/	6 x 11 x 6	Opt.	Opt., Plast.	3	199.00 Pair		
				4½	Cone					8/6	10 x 6 x 6	Gray	Blk. Knit	4	139.00 Pair		
BOSTON ACOUSTICS	VR970	Pas. Rad.; Powered Bass Sealed;	Yes	10	(2)4½	Cones	1	Dome	25-20 ±3	91	150,2.9k	8/	46 x 7 x 15	Blk. Gloss	Blk. Knit	70	800.00 Each
	VR960	Powered Bass Sealed;	Yes	8	4½	Cone	1	Dome	29-20 ±3	90	150,3k	8/	42 x 7 x 14	Blk. Gloss	Blk. Knit	50	500.00 Each
	VR950	Vented	Yes	(2)5¼			1	Dome	46-20 ±3	90	3.1k	8/	38 x 7 x 12	Blk. Gloss	Blk. Knit	37	350.00 Each
	VR940	Vented	Yes	5¼x 7½			1	Dome	51-20 ±3	90	3.2k	8/	34 x 7 x 10	Blk. Gloss	Blk. Knit	32	250.00 Each
	VR35	THX; Main Ch.; Ac. Sus.	Yes	(2)6½	(2)2½	Cones	1	Dome	65-20 ±3	91	500,4k	8/	39 x 8 x 10	Blk. Ash	Blk. Knit	40	650.00 Each
	VR14	THX; Ctr. Ch.; Ac. Sus.	Yes	(2)6½	(2)2½	Cones	1	Dome	65-20 ±3	91	500,4k	8/	9 x 25 x 10	Blk. Ash	Blk. Knit	30	600.00 Each
	VR12	Ctr. Ch.; Ac. Sus.	Yes	(2)6½	4½	Cone	1	Dome	58-20 ±3	91	500,3k	8/	9 x 25 x 8	Blk. Ash	Blk. Knit	30	400.00 Each
	VR10	Ctr. Ch.; Pas. Rad.	Yes	5¼	3½	Cone	1	Dome	65-20 ±3	90	500,3.5k	8/	7 x 17 x 7	Blk. Ash	Blk. Knit	20	300.00 Each
	VRS Pro	THX; Surround Ch.; Diffuse Field	No	5¼			(2)2½	Cones	80-20 ±3	85	400	8/	14 x 7 x 5	Opt.	Steel	8	500.00 Pair
	VRS	Surround Ch.; Diffuse Field	No	4½			(2)2½	Cones	100-20 ±3	85	350	8/	10 x 5 x 6	Opt.	Steel	6	350.00 Pair
	VRS Micro	Surround Ch.; Diffuse Field	No	3½			2½	Cone	120-20 ±3	85	400	8/	8 x 4 x 6	Opt.	Steel	5	200.00 Pair
	VR2000	THX; Powered Sub.	Yes	12					20-110 Hz ±3		40-100 (Var.)		18 x 18 x 20	Blk. Ash	Blk. Knit	70	1200.00 Each
	VR500	Powered Sub.	Yes	10					27-100 Hz ±3		50-100 (Var.)		16 x 15 x 19	Blk. Ash	Blk. Knit	40	600.00 Each
	CR9	Tuned Port	Yes	8			1	Dome	42-20 ±3	91	2.8k	8/	20 x 10 x 11	Opt., Vinyl	Steel	21	420.00 Pair
	CR8	Tuned Port	Yes	7			1	Dome	48-20 ±3	90	3k	8/	15 x 9 x 11	Opt., Vinyl	Steel	16	340.00 Pair
	CR7	Tuned Port	Yes	6½			¾	Dome	52-20 ±3	88	3.6k	8/	12 x 8 x 9	Opt., Vinyl	Steel	11	260.00 Pair
	CR6	Tuned Port	Yes	5¼			¾	Dome	65-20 ±3	88	3.6k	8/	10 x 6 x 8	Opt., Vinyl	Steel	8	200.00 Pair
	CR5	Sealed	No	4½			¾	Dome	80-20 ±3	90	6.5k	8/	9 x 5 x 6	Opt.	Opt., Metal	5	150.00 Pair
	CR4	Sealed	No		4½				80-15 ±3	90		8/	9 x 5 x 6	Opt.	Opt., Metal	5	120.00 Pair
	CR2	Ctr. Ch.; Pas. Rad.	Yes	4½			1	Dome	88-20 ±3	89	3.5k	8/	5 x 15 x 5	Blk.	Steel	7	199.95 Each
	CR1	Ctr. Ch.; Ac. Sus.	Yes	4½			¾	Dome	95-20 ±3	90	3.5k	8/	5 x 13 x 5	Blk.	Steel	6	130.00 Each
	CR400	Powered Sub.	Yes	8					35-150 Hz ±3		50-150 (Var.)		15 x 14 x 16	Blk. Ash	Blk. Knit	35	400.00 Each
	Micro System 9000	2 Sats., Ctr. Ch., Surround Ch. & Powered Sub.	Yes	8	(6)3½	Cones	(3)1, (2)2½	Domes, Cones	35-20 ±3	90	130,3.5k	8/	Six Pieces	Opt.	Opt., Metal	70 Sys.	1100.00 Sys.
	Micro 90	Powered Sub.	Yes	8	(2)3½	Cones	(2)1	Domes	35-20 ±3	89	50-150, 3.8k	8/	Three Pieces	Opt.	Blk. Knit; Steel	50 Sys.	800.00 Sys.
	Micro 90c	Ctr. Ch.; Sealed	Yes	(2)3½			1	Dome	100-20 ±3	90	2.5k	8/	5 x 12 x 5	Blk.	Blk. Steel	11	250.00 Each
	Micro 90x	Surround Ch.; Ported	Yes	3½			1	Dome	120-20 ±3	89	3.8k	8/	7 x 4 x 6	Opt.	Steel	6	200.00 Each
	Micro 80	Sats. & Sub.	Yes	7	(2)3½	Cones	(2)¾	Domes	46-20 ±3	89	150,4.5k	8/	Three Pieces	Opt.	Steel	30 Sys.	400.00 Sys.
Micro 80x	Surround Ch.; Ported	Yes	3½			¾	Dome	120-20 ±3	89	4.5k	8/	7 x 4 x 6	Opt.	Steel	4	100.00 Each	
Digital Theater 6000 (w/remote)	5 Sats. & Sub.	Yes	6½			(5)3½	Cones	50-20 ±3	160			Six Pieces	Gray	Metal	35 Sys.	599.00 Sys.	
Boston SoundBar Cinema (w/remote)	Powered; Front Chs. w/Dolby Pro Logic Decoder, Surround Ch. & Sub.	Yes	6½	(4)3½	Cones	2½	Cone	45-20 ±3	180			Three Pieces	Blk.	Blk. Knit	40 Sys.	799.95 Sys.	
381	In-Wall	No	8			1	Dome	48-20 ±3	89	3.2k	8/	12 x 10 x 4	Matte Wht.	Wht. Steel	6	500.00 Pair	
361	In-Wall	No	6½			1	Dome	57-20 ±3	89	3.4k	8/	11 x 8 x 3	Matte Wht.	Wht. Steel	5	400.00 Pair	
351	In-Wall	No	5¼			1	Dome	65-20 ±3	90	3.5k	8/	10 x 7 x 3	Matte Wht.	Wht. Steel	4	300.00 Pair	
335	In-Wall	No	5¼			¾	Dome	68-20	90	3.5k	4/	8 Dia. x 4	Matte Wht.	Wht. Steel	3	250.00 Pair	
325	In-Wall	No	5¼			¾	Dome	68-20 ±3	90	3.5k	4/	7 x 7 x 2	Matte Wht.	Wht. Steel	2	200.00 Pair	
305	In-Wall	No		5¼				68-17 ±3	90		4/	7 x 7 x 2	Matte Wht.	Wht. Steel	2	130.00 Pair	
336pt	In-Wall/In-Ceiling	No	6			¾	Dome	62-20 ±3	90	3.6k	8/	8 Dia. x 4	Matte Wht.	Wht. Steel	2	400.00 Pair	
522	In-Wall; Surround Ch.	No	5¼			(2)2½	Cones	80-20 ±3	400		8/	7 x 14 x 4	Matte Wht.	Wht. Steel	4	600.00 Pair	

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS								Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type												
			Yes	No	Yes	No	Yes	No	Yes	No										
BOSTON ACOUSTICS (Continued)	MicroMedia	Powered Sats. & Sub. Sats. & Sub.	Yes	5 1/4				(2)2 1/2	Cones	50-20 ±3	180		Three Pieces	Opt.	Opt., Steel	20 Sys.	200.00 Sys.			
	BA635 Voyager	Indoor/Outdoor; Ac. Sus.	Yes	4 1/2				(2)2	Cones	50-20 ±3	180		Three Pieces	Opt.	Metal Steel	7 Sys.	99.95 Sys.			
	Runabout II	Indoor/Outdoor; Ac. Sus.	No	4 1/2				3/4	Dome	80-20 ±3	89	3.5k	8/	8/	9 x 6 x 6	Wht.	Steel	6	250.00 Pair	
	Runabout I	Indoor/Outdoor; Ac. Sus.	No		4 1/2					80-15 ±3	89		8/	8/	9 x 6 x 6	Wht.	Steel	6	200.00 Pair	
BRENT-WORTH SOUND LAB	Type I	Dynamic	No		6 1/2					50-20 ±3	100		5/5	43 x 9 x 13	Gibraltar	Blk. Foam	82	5200.00 Pair		
	Type III Type IV	Dynamic Dynamic	No No		(2)6 1/2 (4)6 1/4					20-20 ±3 15-20 ±3	102 103		4/4 4/4	40 x 11 x 18 84 x 11 x 18	Gibraltar Gibraltar	Blk. Foam Blk. Foam	115 360	7500.00 Pair 24,000 Pair		
BRIGHT STAR AUDIO	Altair Reference	Aperiodic; Dipole		(2)8	(2)5	Cones	1.1 1/2	Dome, Ribbon		28-22 ±3	91	350.3.15k	8/5	49 x 15 x 18	Opt.	Blk. Knit	87	6000.00 Pair		
	Altair Pro	Aperiodic; Dipole		10	5	Cone	1.1 1/2	Dome, Ribbon		32-22 ±3	89	400.3.15k	6/4	30 x 20 x 12	Simulated Granite	Blk. Knit	64	2550.00 Pair		
BST	Picky 124	Sub.		12					Horn	60-19 ±4	120	Included	8/	27 x 16 x 13	Plast. Plast.	Blk. Knit Blk. Knit	29	699.00 Each		
	Picky 122		12					Horn	70-20 ±4	119	8/		27 x 16 x 13	29			379.00 Each			
	Picky Sub		15								8/							375.00 Each		
	300-MX		7					1 3/4	Dome	85-20 ±5			8/	8 x 11 x 8			8	109.00 Each		
	200-MX		5					1 1/2	Dome	100-20 ±5			8/	6 x 9 x 7			6	90.00 Each		
BURMESTER	B97		No	12	5	Cone			Ribbon					10 x 71 x 26	Plast. Plast.	Blk. Knit Blk. Knit	29	699.00 Each		
	949		No	8	5	Cone			AMT					10 x 49 x 15			Opt.	Opt., Knit	8	19,850 Pair
	961		No	7	4	Cone			AMT					9 x 42 x 13			Opt.	Opt., Knit	72	13,125 Pair
	975 Leo		No	5	4	Cone			AMT					9 x 16 x 17			Opt.	Opt., Knit	38	6615.00 Pair
				No	4															
B&W	Signature 30	Vented		7	7	Cone	1	Dome		38-20 ±3	89	150.3k	8/5	41 x 11 x 15	Opt., Gloss Opt., Gloss		82	12,000 Pair		
	Silver	Vented		6 1/2			1	Dome		35-22 ±3	88	3k	8/5	18 x 10 x 10				30	8000.00 Pair	
	Signature N801	Vented	No	15	6	Cone	1	Dome		29-22 ±3	91	350.4k	8/3	44 x 21 x 27	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	229	11,000 Pair		
	N802	Vented	No	(2)8	6	Cone	1	Dome		34-22 ±3	91	350.4k	8/3	44 x 11 x 17				66	5000.00 Pair	
	N803	Vented	No	(2)7	6	Cone	1	Dome		35-22 ±3	90	350.4k	8/3	44 x 15 x 22	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	154	8000.00 Pair		
	N804	Vented	No	(2)6 1/2	6	Cone	1	Dome		38-22 ±3	89	350.4k	8/3	40 x 9 x 14				54	3500.00 Pair	
	N805	Vented	Yes	6 1/2	6	Cone	1	Dome		49-22 ±3	88	4k	8/4.6	16 x 9 x 14	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	20	2000.00 Pair		
	NHTM 1	Cent. Ch.; Vented	Yes	(2)6 1/2	6	Cone	1	Dome		42-22 ±3	90	350.4k	8/3	13 x 31 x 12				35	2000.00 Each	
	NHTM 2	Cent. Ch.; Vented	Yes	6 1/2						Dome	50-22 ±3	88	4k	8/4.6	11 x 19 x 11	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	24	1000.00 Each	
	FCM-8	THX; Sealed	Yes	(2)6 1/2				(3)1	Domes	80-22 ±0.3	90	3k	6/4	24 x 10 x 9				28	1000.00 Each	
	SCM-8	THX;	Yes	(2)6 1/2				(2)1	Domes	105-25 ±0.6	87	3k	4/	14 x 14 x 10	Blk. Knit Textured Blk. Ash	Blk. Knit	24	1500.00 Pair		
	PCS-8	Dipole Surround THX;	Yes	12						35-150 Hz +0.3	89		8/	24 x 23 x 24				71	1250.00 Each	
	CDM 7SE	Bass Ref. Sub.	Vented	6 1/2	6 1/2	Cone	1	Dome		40-20 ±3	90	150.3k	8/4	38 x 9 x 12	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	41	1800.00 Pair		
	CDM 1SE	Vented	6 1/2							64-20 ±2	88	3k	8/4	15 x 9 x 11				18	1100.00 Pair	
	CDM 2SE	Vented	6 1/2							70-20 ±2	87	3k	8/4	12 x 9 x 10	Opt. Blk. Ash	Blk. Knit Blk. Knit	16	800.00 Pair		
	CDM CSE	Cent. Ch.; Vented	Yes	6 1/2						50-20 ±3	90	3k	8/4.5	11 x 18 x 11				23	550.00 Each	
	DM 604	Vented	(2)7	7	Cone	1	Dome			44-20 ±3	90	450.3k	8/4	40 x 10 x 17	Blk. Blk. Cloth	Blk. Cloth Blk. Cloth	62	1600.00 Pair		
	DM 603	Pas. Rad.	(2)7							47-20 ±3	90	3k	8/4	34 x 10 x 12				39	1000.00 Pair	
	DM 602	Vented	7							52-20 ±3	90	3k	8/4	20 x 10 x 12	Blk. Blk. Cloth	Blk. Cloth Blk. Cloth	22	550.00 Pair		
	DM 601	Vented	6 1/2							70-20 ±3	88	3k	8/4	14 x 8 x 10				14	400.00 Pair	
	CC 6	Cent. Ch.	(2)5							78-20 ±3	89	3k	8/6	6 x 18 x 11	Blk. Blk. Cloth	Blk. Cloth Blk. Cloth	14	350.00 Each		
	DS 6	THX; Surround Ch.	5					(2)3	Cones	85-8 ±3	89	250	8/4	10 x 15 x 6				13	600.00 Pair	
	DM 305	Vented	Yes	6 1/2						Dome	55-20 ±3	91	3k	8/4	33 x 9 x 12	Blk. Vinyl Blk. Vinyl	Blk. Knit Blk. Knit	24	450.00 Pair	
	DM 302	Vented	Yes	5						Dome	72-20 ±3	91	3k	8/4	13 x 8 x 9				10	250.00 Pair
	CC 3	Cent. Ch.	Yes	(2)4						Dome	80-20 ±3	91	3k	8/4	6 x 16 x 9	Blk. Blk. Cloth	Blk. Cloth Blk. Knit	10	180.00 Each	
ASW 3000	Powered, Vented Sub.	Yes	15						18-140 Hz ±3		40-140 (Var.)	8/4	23 x 24 x 24		110			1500.00 Each		
ASW 2000	Powered, Vented Sub.	Yes	12						22-140 Hz ±3		40-140 (Var.)		20 x 22 x 20	Blk. Vinyl Blk. Vinyl	Blk. Knit	77	1000.00 Each			
ASW 1000	Powered, Vented Sub.	Yes	12						25-140 Hz ±3		40-140 (Var.)		18 x 21 x 20				66	700.00 Each		
Signature Seven	In-Wall	7							Dome	40-20 ±3	88	3k	8/4	15 x 11 x 4	Wht. Wht.	Metal Metal	6	1000.00 Pair		
CWM 8i	In-Wall	8							Dome	40-20 ±3	90	3k	4/	15 x 11 x 4				5	650.00 Pair	
CWM 6i	In-Wall	6 1/2							Dome	55-20 ±3	89	3k	6/	13 x 10 x 3	Wht. Wht.	Metal Metal	5	450.00 Pair		
CWM 5	In-Wall	5							Dome	75-20 ±3	87	3.5k	8/	9 x 6 x 3				2	300.00 Pair	
CCM 60	In-Wall	6 1/2							Coax	60-20 ±3	90	5k	4/	9 x 3	Wht. Wht.	Wht. Wht.	3	200.00 Pair		
CABASSE	Atlantis MC001	Powered, Vented, Pulsating Hemisphere		(2)12		Horn		Horn		20-20 ±3		200,900.4k		92 x 29 x 47	Wht. Wht.		397	89,000 Pair		
	Baltic	Pulsating Hemisphere		8 1/4		Horn		Horn		200-20 ±3	94.5	1.3k.4k		47 x 14 x 18			Opt.		35	15,995 Pair
	Baltic Murale	Pulsating Hemisphere		8 1/4		Horn		Horn		200-20 ±3	94.5	1.3k.4k			Gray			14,495 Pair		
	Stromboli	Vented Sub.		8						27-200 Hz ±3	89			19 x 10 x 19			Opt., Wood		32	
	Stromboli Active	Powered Sub.		8						27-200 Hz		50-200		20 x 10 x 16	Opt.			42		
	Pacific 600	Vented, Pulsating Hemisphere		(2)8		Horn		Horn		40-20 ±3	93	350.1.3k.4k		54 x 12 x 20			Opt., Wood		100	12,495 Pair
	Farella 400	Vented		8			1 1/2	Dome		50-20	93	1.4k		36 x 10 x 13	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	42	2495.00 Pair		
	Brick 500	Vented		(2)6 1/2	3 1/2		1 1/4	Coax		48-20	93	1.1k.4.5k		39 x 10 x 16				57	4295.00 Pair	
	Catalane 500	Vented		(2)8	3 1/2		1 1/4	Coax		45-20	94	1.1k.4k		46 x 10 x 17	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	79	5495.00 Pair		
	Skiff 300	Vented		8	5		1 1/4	Dome		45-20	94	350k.2k		40 x 12 x 15			Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	63	3995.00 Pair
	Fastnet 300	Cent. Ch. Surround Ch.		(2)5			1 1/4	Dome		60-20	90	1.6k		7 x 23 x 16	Opt. Opt.	Blk. Knit Blk. Knit			32	
	Zef 300			5			1 1/4	Dome		85-20	87	1.6k		11 x 9 x 5				11		
CADAWAS ACOUSTICS	Mobile Monitor One-B	Auto Damping	No	8			1	Dome		20-20	90	2k	8/6	16 x 9 x 12	Blk. Gloss Lam. Blk. Lam.	Gray Knit Blk. Knit	20	2000.00 Pair		
	TC-2	Auto Damping Sub.	No	12						20-100 Hz	90	100	8/6	24 x 15 x 11				40	2000.00 Pair	
	TC-1	Auto Damping	No	10	5 1/4	Cone	1	Dome		20-20 ±5	90	350.2.5k	8/6.4	42 x 13 x 12		60	3000.00 Pair			

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
CAIRN	Alpi	Bass Ref.	Yes	5			1	Dome	60-20 ±3	91	5k	4/3	12 x 7 x 9	Wood	Blk. Blk.	18	1800.00 Pair
	Alpi HE	Bass Ref.	Yes	5			1 1/2	Dome	60-20 ±3	91	5k	8/6	12 x 7 x 9	Wood & Alum. Wood	Blk. Blk.	32	4000.00 Pair
	Alta	Bass Ref.	Yes	13	(2)7	Cone	1	Dome	30-20 ±3	91	200,4k	8/6	63 x 15 x 17	Wood	Blk.	250	15,000 Pair
CALIBRATION STANDARD INSTRUMENTS	NFM2002	Time Aligned; ELF Powered Woofer		8	5	Cone	1	Coax	30-20 ±3	89	100,3k	8/6	10 x 17 x 12	Blk. Gloss	Blk. Knit	38	2490.00 Each
	CM-TA5	Time Aligned		5			1	Coax	80-20 ±3	89	3k	8/6	10 x 7 x 5	Blk. Gloss	Blk. Knit	9	690.00 Each
	MDM-4	Ported		(2)6 1/2			3 1/2	Cone	60-17 ±3	89	1.5k	8/5	19 x 13 x 10	Blk. Blk.	Blk. Knit	25	1690.00 Each
	MDM-TA2	Time Aligned		6 1/2			3/4	Dome	60-20 ±3	87	2.5k	8/5	16 x 12 x 9	Blk. Blk.	Alum.	20	1490.00 Each
	MDM-TA3	Time Aligned		(2)6 1/2			3/4	Dome	45-20 ±3	91	1.8k,7k	8/4	19 x 16 x 12	Blk. Blk.	None	35	2290.00 Each
	SW-8	ELF Sub.		8			3/4	Dome	30-100 Hz ±1	89	100	8/6	10 x 10 x 9	Blk. Gloss	Blk. Knit	15	790.00 Each
	SW-82A	ELF Powered Sub.		(2)8					30-100 Hz ±1	89	100	10k	19 x 9 x 12	Blk. Gloss	Blk. Knit	35	1790.00 Each
	B-18	ELF Sub.		18					16-100 Hz ±1	97	100	8/6	22 x 22 x 12	Blk.	Blk. Knit	60	990.00 Each
	B-18A	ELF Powered Sub.		18					16-100 Hz ±1	97	100	10k	22 x 22 x 14	Blk.	Blk. Knit	80	2490.00 Each
CAMBRIDGE PHYSICS	K-1G	Inf. Baf.		8			1	Dome	38-22 ±3	90	2.2k	8/		Wood Vinyl	Blk. Knit		350.00 Pair
	K-10G	Inf. Baf.		8			1	Dome	36-22 ±3	91	2.2k	8/		Wood Vinyl	Blk. Knit		400.00 Pair
	K-20G	Inf. Baf.		10	8	Cone	1	Dome	28-22 ±3	92	2.2k	8/		Wood Vinyl	Blk. Knit		600.00 Pair
	K-200G	Inf. Baf.		10	8	Cone	1	Dome	24-22 ±3	94	2k	8/		Wood Vinyl	Blk. Knit		700.00 Pair
	K-320G	Inf. Baf.		(2)8	4 1/2	Cone	1	Dome	32-22 ±3	90	5k	8/		Wood Vinyl	Blk. Knit		1000.00 Pair
	G-7/2	Vented		6 1/2			3/4	Dome	60-22 ±3	91	3k	8/		Oak Vinyl	Blk. Knit		300.00 Pair
	G-11/2	Vented		8			1	Dome	36-22 ±3	92	2.2k	8/		Oak Vinyl	Blk. Knit		400.00 Pair
	G-33/2	Pas. Rad.		10	8	Cone	1	Dome	28-22 ±3	94	2.2k	8/		Oak Vinyl	Blk. Knit		650.00 Pair
	G-66/2	Vented		(2)8	5 1/2	Dome	1	Dome	23-25 ±3	90	7k	8/		Oak	Blk. Knit		2400.00 Pair
	CAMBRIDGE SOUNDWORKS	Ensemble	Ac. Sus.; 2 Sats. & 2 Subs.	No	(2)8	4	Cone	1 3/4, %	Cone, Dome		85	140,1.9k	6/	Four Pieces	Opt.	Blk. Metal	52 Sys.
Ensemble II		Ac. Sus. Sats. & Sub.	No	(2)6 1/2	4	Cone	1 3/4, %	Cone, Dome		85	140,1.9k	6/	Three Pieces	Opt.	Blk. Metal	36 Sys.	499.99 Sys.
Ensemble III		Ac. Sus. Sats. & Sub.	Yes	6 1/2	3 1/2		3/4	Dome				6/	Three Pieces	Blk.	Blk. Metal	15 Sys.	349.99 Sys.
Ensemble IV		Ac. Sus. Sats. & Sub.	Yes	5 3/4			3	Cone				6/	Three Pieces	Blk.	Blk. Metal	12 Sys.	249.99 Sys.
Ensemble IV Home Theater Tower		5 Ac. Sus. Sats. & Sub.	Yes	5 3/4			3	Cone				6/	Six Pieces	Blk.	Blk. Metal	16 Sys.	399.99 Sys.
Tower		Bipolar	Yes	(2)8	(2)5 1/4	Cones	(2)1	Domes		89	350,3k	8/	39 x 10 x 14	Opt., Wood	Blk. Knit	61	749.99 Each
Tower II		Vented	Yes	(2)8	5 1/4	Cone	1	Dome		89	350,3k	8/	36 x 10 x 14	Opt.	Blk. Knit	55	499.99 Each
Tower III		Vented	Yes	8			1	Dome		88	2.5k	8/	33 x 10 x 11	Blk. Ash	Blk. Knit	39	299.99 Each
Six		Ac. Sus.	No	8			1 3/4, %	Cone, Dome		90	2k	8/6.5	18 x 11 x 7	Opt.	Blk. Knit	19	259.98 Pair
Seventeen		Ac. Sus.	No	5 1/4			%	Dome				8/	8 x 12 x 6	Opt.	Blk. Knit	10	179.98 Pair
Center Stage		Ctr. Ch.; Vented	Yes	(2)5 1/4			1	Dome			2.5k	8/	7 x 25 x 8	Blk.	Blk. Knit	15	349.99 Each
Center Channel Plus		Ctr. Ch.; Ac. Sus.	Yes	(4)3			1 3/4, %	Cone, Dome			2k	8/	7 x 25 x 4	Blk.	Blk. Knit	12	229.99 Each
Center Channel II		Ctr. Ch.	Yes	(2)3			1 3/4, %	Cone, Dome			2k	8/	7 x 14 x 4	Blk.	Blk. Knit	8	159.99 Each
Center/Surround III		Ctr. or Surround Ch.	Yes	3 1/2			3/4	Dome			2.2k		6 x 4 x 3	Blk.	Blk. Metal	3	79.99 Each
Center/Surround IV		Ctr. or Surround Ch.	Yes		4	Cone							4 x 4 x 4	Blk.	Blk. Metal	2	49.99 Each
Surround 5.1		Bipole or Dipole Surround	No	4	2	Cone					600	8/	8 x 5 x 5	Blk.	Blk. Metal		499.99 Each
Surround II 5.1		Bipole or Dipole Surround	No	3			2 1/2	Cone			350	8/	6 x 4 x 3	Blk.	Blk. Metal		329.99 Pair
Powered Subwoofer		Powered	No	12							55/80/100/140 (Sel.)		27 x 16 x 10	Blk.	Blk. Metal	56	699.99 Each
Bass Cube Ten		Powered	No	10							60-150 (Var.)		14 x 14 x 14	Blk.		30	349.00 Each
Bass Cube Twelve		Powered	No	12							60-150 (Var.)		16 x 16 x 16	Blk.		42	449.00 Each
MovieWorks 5.1		Ac. Sus. Sub. Multi-Polar; 5 Sats. & Powered Sub.	Yes	12	4,2	Cones	1 3/4, %	Cone, Dome				8/	Six Pieces	Blk.	Blk. Metal		1799.99 Sys.
MovieWorks II 5.1		4 Ac. Sus. Sats., Ctr. Ch. & Powered Sub.	Yes	10	(6)3	Cones	(5)2	Cones			120	8/	Six Pieces	Blk. Textured	Blk.	70 Sys.	999.00 Sys.
Twelve	Powered	No	7	3	Cone	3/4	Dome			200,2.2k		Suitcase System	Blk.		23 Sys.	799.99 Sys.	
MicroWorks	Sats. & Powered Sub.	Yes	6 1/2			(2)3	Cones					Three Pieces	Opt.	Opt., Metal	18 Sys.	249.99 Sys.	
Desktop Theater 5.1	Multimedia; 5 Ac. Sus. Sats. & Sub.	Yes	5 3/4			(5)2	Cones			180		Six Pieces	Beige	Wht. Metal	17 Sys.	300.00 Sys. w/Processor/Amp	
SoundWorks	Sats. & Powered Sub.	Yes	4 1/2			(2)2	Cones					Three Pieces	Opt.	Opt., Metal	10 Sys.	149.99 Sys.	
PC Works	Multimedia; Powered Sats. & Sub.	Yes	5 3/4			(2)2	Cones					Three Pieces	Opt.	Opt., Metal		69.99 Sys.	
PC Works Four Point Surround	Multimedia; 4 Powered Sats. & Sub.	Yes	5 3/4			(4)2	Cones			180		Five Pieces	Beige	Wht. Metal	11 Sys.	200.00 Sys.	
The Outdoor InWall	Indoor/Outdoor; Ac. Sus.	No	5 1/4			3/4	Dome				8/	7 x 11 x 6	Wht.	Wht. Metal	20	299.99 Pair	
Ambiance InWall	Indoor/Outdoor; In-Wall	No	5 1/4			3/4	Dome				8/	9 x 12 x 4	Wht.	Wht. Metal	20	349.99 Pair	
	In-Wall; Ac. Sus.	No	6 1/2			1	Dome			83	1.8k	8/	8 x 12 x 4	Wht.	Wht. Metal		349.99 Pair
CANTON	Fonum R 31	Dipole Surround	Opt.	4			(2)1	Domes	47-26	86	3.3k	4/	8 x 8 x 5	Blk.	Blk. Steel		595.00 Pair
	Fonum 530	Ported	Opt.	8			1	Dome	30-26	87	3k	4/	9 x 32 x 11	Blk.	Blk. Steel		995.00 Pair
	Fonum 630	Ported	Opt.	(2)8			1	Dome	25-26	88	300,3k	4/	9 x 37 x 11	Blk.	Blk. Steel		1295.00 Pair
	Fonum 730	Ported	Opt.	(2)9	6	Cone	1	Dome	20-30	89	300,3.5k	4/	10 x 41 x 13	Blk.	Blk. Steel		1795.00 Pair
(Continued)	Digital 1	Ported; DSP	Opt.	(2)10	7	Cone	1	Dome	18-30	86	220,3.3k	4/	12 x 47 x 14	Opt., Wood	Blk. Knit		14,995 Pair



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## Legacy FOCUS

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1-800-283-4644*

*Price: \$5,400/pair in standard finish  
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*Source: Manufacturer Loan*

*Reviewer: Karl W. Nebring*

**L**ong-time TSS readers have probably figured out that I am a big-speaker kind of guy. Like the late Bert Whyte, I love my bass. I love the big bass, big image, the big sound, the big ease that big speakers provide.

Until very recently, the only speakers I have had in my system that I seriously considered as replacements for the JSEs were the Carver Amazings. They had the big bass, the big image, the big sound, the big ease, but amazingly, did not cost the big bucks. But as long-term reference speakers to replace the JSEs, the Amazings had a few strikes going against them; first, the latest versions proved unreliable; second, the sound of the Amazings, although wonderful for listening to music, was so different from any other speakers in terms of imaging that it would be hard to do meaningful comparisons of other speakers; third (and this is clearly a case of three strikes and you're out), the Amazings were discontinued.

The Snell C/Vs gave me a taste of what I was looking for, but simply did not have the bass extension and ease that I demand. Still, the sound of the Snells convinced me that it was really time to make a move in terms of speakers. From some of the research I had been doing and some of the conversations I had been having with people in the know, I knew it was time to tell Bill Dudleston of Legacy Audio that I was ready to audition the Focus speakers.

Why the Legacy Focus speakers? Let's start at the bottom. The Focus speakers have a bass complement of three 12" woofers per side. That begins to provide some serious air-moving capability. And the way Dudleston arranges his crossovers, it also carries over into some serious air-moving capability in the lower midrange. Moving up in frequency, we find that the main midrange chores are handled by, not one, but two 7" Kevlar drivers, while treble duties are handled by a 1.25" woven soft-dome tweeter and a 3.5" ribbon supertweeter. An added bonus of having all those drivers is the efficiency of the speakers, a remarkable 98 dB. Plus, all those drivers means plenty of power handling, and when you have plenty of efficiency and plenty of power handling at the same time, that means that you have a speaker system with remarkable dynamic range and remarkably low distortion.

As I said at the outset, I'm a big speaker kind of guy, and as you have no doubt guessed from the driver complement, these are big speakers: 56" H x 15.75" W x 13.5" D, weighing in at 165 pounds per channel. As TAN pointed out in his review of the Legacy Convergence speakers, Legacy does beautiful woodwork, and my review pair came



with a gorgeous rosewood finish and nice attention to little styling details that make these big attractive boxes look like they were carefully crafted by a fine furniture maker.

The tweeters, midrange cones, and two of the woofers are mounted on the front of the cabinet, while the third woofer and the twin ports are mounted on the rear. Toward the bottom rear of each cabinet are two pairs of heavy duty 5-way binding posts and a set of three switches that can be used to tailor the sound. The first switch is a low-frequency contour switch that can be used to reduce the upper-bass heaviness that can occur in a room with an 8-foot ceiling (sound familiar?), the second switch can be used to reduce the level of the upper midrange. The manual points out that this can be handy to reduce "chestiness" caused by

floor reflections, and I would have to guess that it might also be useful for those who listen to a lot of FM to cut down on the chestiness that many FM stations dial into their sound. Finally, there is a switch to reduce high-frequency brightness, which may just be the thing for those Herbert von Karajan DG recordings that GDB so enjoys complaining about.

Bill Dudleston realizes that many potential Focus owners may have either replacement restrictions or personal tastes that might demand some tailoring of the speakers beyond the flexibility already built into them, so he mentions in the manual that the company is willing to work with potential purchasers to come up with solutions. For example, Legacy has designed a passive resonance trap circuit that can be installed

in Focus speakers to help take the drone out of corner placement. They also offer an option that allows for switchable attenuation of the tweeter. These options are discussed in the owner's manual, which is simply the best speaker manual I have ever seen, period.

Another factor of speaker design of which Bill Duddlestone is keenly aware is the interaction of room and speaker. As I briefly mentioned in my remarks about Legacy's flagship Whisper speaker in Issue #53's Ramblings, Duddlestone has been working overtime to understand and attempt to overcome the sonic limitations of making a loudspeaker sound like music in a real room. In addition, Legacy has been working on a line of electronic components with the goal of incorporating circuitry that will offer the listener a chance to compensate electronically for room and recording deficiencies. This is an ambitious undertaking that will progress over the years, but among the first fruits of Legacy's research into both electronics and room interactions is a new addition to the Focus speakers, a literal and figurative black box\* that in its current configuration can be plugged into the system electronics to accomplish two things: provide a B6 bass alignment with a corner frequency of 16 Hz, and provide an electronic equivalent of the circuit invoked on the rear of the speaker to remove the "room boom" that can muddy up the bass.

Although some readers will no doubt swoon at the thought of ever polluting their systems with any kind of speaker equalizer, I have happily left the unit in my systems tape loop for my listening sessions. I can certainly hear no detrimental effects from the box, but I prefer the bass alignment with the box *in the circuit*, and the "room boom" circuit seems to work exactly as Duddlestone describes it. When I use the tape monitor button on the preamplifier to remove the box from the circuit, the only differences I can discern are on the bottom end, and they are differences that persuade me to leave the box in the circuit. Legacy has hinted that there may be more magic available in the box down the road, and if such developments occur, I hope to follow up on them in these pages.

Before I go on to describe the performance of these large boxes in my 14' by 22' by 8' listening room, let me briefly list the associate equipment used. The primary CD player was the Marantz CD-63, spelled at times by the Quad 67. The preamplifier was the venerable old Transcendence II by AVA, and the power amplifier was the AVA Omega II 440hc that BWV and I reviewed in Issue 51. I connected the amp to the speakers with a single 10' pair of Kimber 4VS cables.

As Martin DeWulf reported when he tested a previous incarnation of the Focus speakers in his *Bound for Sound* newsletter, the first thing you expect to be bowled over by is the bass, but as Marty attested, the first thing that caught my

attention was the midrange. Never have I heard such clean, textured, layered, stunningly natural midrange in my system. A couple of days after the Focus speakers were set up in my listening room, my wife made the unsolicited comment that she was amazed by the "layers of sound" she was hearing from her Jeffery Oryema CD. She went on to say that she was used to having nice sound in our home, but that the new speakers really added to her enjoyment of music, and to have them look so nice was a good feature, too. Having heard the midrange of the Focus speakers, I could not go back to the JSEs or the Snell C/Vs. Even if the Focus speakers had only adequate bass, their midrange performance alone would make them seem worth the extra money.

By now you have probably guessed that it did not take me long to drag out some CDs with bass: WCH came over and brought with him his Mercury Living Presence CD of Paray conducting the Saint Saens Organ Symphony, and we had a lot of fun comparing that performance and recording with that led by Chung on DG. I then gave WCH a blast of "Dzogchen Punks" from Steve Tibbetts' *The Fall of Us All*. I'm quite confident that Steve Tibbetts himself has no real idea of how much bass he dialed into this cut, but the Focus woofers played it with remarkable pitch definition and control. What comes across as a dull roar of energy through the Snells C/Vs, for example, becomes clearly defined musical bass through the Focus woofers. The JSE 2s have remarkable bass, reigning as long-time bass champs in my home until the Legacies came along. Amazing bass, how deep the sound!

Interestingly, switching the black box out of the system made the Focus bass sound much like that of the Snell C/Vs, i.e., not quite in focus, a little boomy. You don't notice this on all music, but when you do notice it, it gets bothersome, especially after you have heard the sound of the system with the bottom end cleaned up.

As I indicated earlier, though, although the Legacy Focus speakers have truly remarkable bass capabilities, the bass never calls attention to itself. The really welcome thing about these speakers is that they do whatever chore you ask them to undertake, but they are not always pestering you about whether or not you have any bass to throw at them. It is a comfortable feeling to know that I can bring home just about any CD I can lay my hands on, throw it in my system, and know that the speakers are not going to overload, nor is the amplifier going to work up any kind of sweat. Charlie Haden plucking his string bass? No problem. Ernie Watts cutting loose on his saxophone? Let the man wail. This is what I meant when I mentioned the "big ease" of big speakers. It can really spoil you.

**On the top end, the Focus speakers also do an excellent job.** The tweeter and supertweeter

do their job without calling attention to themselves, and I don't think you can ask for much more than that. More likely than not, their main contribution to the sound is manifest more in the clarity and beauty of the midrange performance than in the treble sound per se. Once again, you just can't ask for much more than that.

I could go into more detail about the sound of the Focus speakers, but that would be to lose the forest for the trees. The most profound change that the Focus speakers have made is not in the frequency response of my system, but rather in the *frequency* that I find myself *responding* to the system. It has been a long time since I have found myself so excited by a piece of audio gear that I have spent hours digging old CDs out to give them a listen and then running off to the store to buy new CDs. And this is not just to enjoy the sound, but rather to enjoy the music. After a long period of taking music somewhat for granted, I am falling in love all over again with Sibelius and Coltrane and Arnold and Haden and Prokofiev and Jarrett and . . . I think you get the idea.

The only possible negative reaction I can see that some folks might have to these speakers is their price. Yes, (\$5,400) is one heck of a lot of money. But \$5,500 for a pair of B&W 801s is even more money, and I would take the Focus speakers all over the 801s. **You would have to spend \$15,000 on a pair of B&W 800s to get sound in the same league**, and I suspect that in most real-world listening rooms, the Focus system would fit in much better both aesthetically and sonically. Or, you could spend \$12,300 on a pair of Thiel CS5is, speakers with less than half the bass radiating area and less than a quarter of the midrange radiating area of the Focus speakers. Put on a Quarter West CD and see which pair of speakers can handle the plucked bass of Charlie Haden or the wailing saxophone of Ernie Watts with more realism. Or see which pair of speakers is easier for an amplifier to drive. No, (\$5,400) is not cheap. But for those who can afford such a sum, **a pair of Legacy Focus speakers is possibly the most speaker that can be had for the money**, and future upgrades to the Focus electronic control box may bring even better sound in the future to the Focus owner. To spend even more on a pair of speakers might not be very sensible. - KWN

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS										SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type	Anechoic Frequency Response, Hz to kHz, ±dB											
CANTON (Continued)	Digital 2/98 Fonissimo RC	Ported; DSP Sats. & Sub.; Ported Ctr. Ch.	Opt. (2)9 Opt. 9	7 4	Cone Cone	1 1	Dome Dome	18-30 22-30	86 87	220,3.3k 120,2.2k	4/ 4/	10 x 41 x 12 Three Pieces	Opt., Wood Opt.	Blk. Knit Opt., Steel		6995.00 Pair 995.00 Sys.				
	AV 700 Twin 700 Twin 800 AV 100 Fonum 330 Fonum AS 30	Powered Sub.	Yes (2)4 Opt. 4 Opt. 4 Opt. 7 Yes (2)9		Cone	1	Dome	65-30 65-30 45-30 65-10 38-26 20-150 Hz	88 87 87 87 87	3k 2.2k 2.5k 3k 50-150 (Var.)	4/ 4/ 4/ 4/ 4/	17 x 5 x 7 5 x 5 x 6 5 x 8 x 5 5 x 5 x 6 8 x 15 x 11 10 x 24 x 16	Opt. Opt. Opt. Blk. Blk. Blk.	Opt., Steel Opt., Steel Opt., Steel Blk. Steel Blk. Steel Blk. Steel		349.00 Each 349.00 Each 375.00 Pair 198.00 Pair 695.00 Pair 995.00 Each				
	Fonum CM 30	Main or Ctr. Ch.; Ported	Yes (2)7			1	Dome	32-26	88	3k	4/	17 x 7 x 13	Blk.	Blk. Steel		495.00 Each				
	Karat M 40 Karat CM 2	Ported Main or Ctr. Ch.; Ported	Yes (4)4 Yes 4	4 4	Cone Cone	1 1	Dome Dome	30-30 42-30	88 86	300,3.5k 700,3.3k	4/ 4/	6 x 44 x 10 11 x 6 x 11	Opt. Opt.	Opt., Knit Opt., Knit		2995.00 Pair 995.00 Pair				
	Karat CM 4	Ported Main or Ctr. Ch.; Ported	Yes (2)4	4	Cone	1	Dome	35-30	88	600,3.5k	4/	16 x 6 x 12	Opt.	Opt., Knit		698.00 Each				
	Karat R 4 Karat AS 4	Dipole Surround Powered Sub.	Yes (2)4 Yes (2)9			(2)1	Domes	45-30 20-150 Hz	86	3.3k 50-150 (Var.) 120,2.2k	4/ 4/	8 x 8 x 5 10 x 24 x 16	Opt. Opt.	Opt., Knit Opt., Knit		995.00 Pair 1498.00 Each				
	Fonissimo 2+	2 Inf. Baf. Sats. & Bandpass Sub.	Opt. 8	4	Cone	1	Dome	22-30	87		4/	Three Pieces	Opt.	Opt., Steel		795.00 Sys.				
	Ergo CM 51	Main or Ctr. Ch.; Ported Dipole Surround	Yes (2)7	4	Cone	1	Dome	26-30	88	600,3.5k	4/	20 x 9 x 11	Opt.	Opt., Steel		1195.00 Pair				
	Ergo R 52 Ergo 72 DC Ergo 82 DC Ergo 102 DC Ergo 122 DC Ergo RC-L	Ported Dipole Surround Ported Ported Ported Ported	Yes 4 Opt. 7 Opt. 8 Opt. (2)9 Opt. (2)10 Opt. (2)9	7 7 8 7 7 7	Cone Cone Cone Cone Cone	(2)1 1 1 1 1	Domes Dome Dome Dome Dome	45-30 25-30 22-30 20-30 20-30 18-30	86 88 88 89 90 89	3.3k 300,3.5k 300,3.5k 300,3.5k 300,3.5k 300,3.5k	4/ 4/ 4/ 4/ 4/	7 x 8 x 5 9 x 36 x 11 9 x 39 x 12 10 x 44 x 14 12 x 50 x 14 10 x 44 x 14	Opt. Opt., Wood Opt., Wood Opt., Wood Opt., Wood Opt., Wood	Opt., Steel Blk. Steel Blk. Steel Blk. Steel Blk. Steel Blk. Steel		698.00 Pair 1495.00 Pair 1995.00 Pair 2495.00 Pair 2995.00 Pair 2995.00 Pair				
	Plus S Plus C Plus F Plus D Patio 160	Sealed Inf. Baf. Sub. Sealed Ported Indoor/Outdoor; Sealed	Opt. 4 Opt. 12 No 4 Opt. 6 Opt. 6			1	Dome	45-30 22-120 Hz 48-26 41-26 42-30	87 88 87 88 88	2.2k 120 2.5k 2.5k 2.9k	4/ 4/ 4/ 4/ 4/	5 x 8 x 5 13 x 14 x 14 7 x 11 x 3 7 x 11 x 7 7 x 11 x 5	Opt. Opt. Opt. Opt. Wht.	Opt., Steel Opt., Steel Opt., Steel Opt., Steel Wht. Alum.		349.00 Pair 595.00 Each 398.00 Pair 498.00 Pair 449.00 Pair				
	HC 100 Ergo 21 DC Ergo 31 DC	Sealed Sealed Ported Ported	No 4 Opt. 8 Opt. 9			1 1 1	Dome Dome Dome	48-30 33-30 27-30	87 86 87	1.7k 2.8k 2.8k	4/ 4/ 4/	7 x 5 x 6 9 x 14 x 10 10 x 17 x 11	Opt. Opt. Opt.	Opt., Steel Opt., Steel Opt., Steel		298.00 Pair 995.00 Pair 1195.00 Pair				
	CARVER	Cinema System 5.1	2 Sats., Ctr. Ch., Dipole Surrounds & Powered Sub.	Yes 10	5	Cones	1½	Domes	28-21 ±5	89	40-150, 2.5k	4/3	Six Pieces	Blk.	Blk. Knit	120 Sys.	1695.00 Sys.			
		Cinema System 5.2	2 Towers with Powered Bass Sections, Ctr. Ch. & Dipole Surrounds	Yes (2)10	5	Cones	1½	Domes	24-21 ±5	91	100,2.5k	4/3	Five Pieces	Blk.	Blk. Knit	186 Sys.	2395.00 Sys.			
	CASTLE	Severn 2	Bass Ref.	No 6			1	Dome	47-20 ±3	87		8/	32 x 8 x 9	Opt.	Blk. Knit	33	1399.00 Pair			
		Kendal	Inf. Baf.	No 5			1	Dome	50-20 ±3	87		8/	29 x 7 x 8	Opt.	Blk. Knit	22	999.00 Pair			
		Clifton	Bass Ref.	No 5			1	Dome	65-20 ±3	88		8/	12 x 7 x 8	Opt.	Blk. Knit	9	395.00 Pair			
		Isis	Bass Ref.	No 5			1	Dome	60-20 ±3	87		8/	14 x 7 x 8	Opt.	Blk. Knit	12	549.00 Pair			
		Tay	Bass Ref.	No 5			1	Dome	50-20 ±3	87		8/	17 x 8 x 10	Opt.	Blk. Knit	17	799.00 Pair			
		Eden	Bass Ref.	No 6½			1	Dome	45-20 ±3	87	2.8k	8/	17 x 9 x 10	Opt.	Blk. Knit	31	1199.00 Pair			
		Avon	Bass Ref.	No 6½			1	Dome	43-20 ±3	87	3.3k	8/	35 x 9 x 10	Opt.	Blk. Knit	50	1799.00 Pair			
Harlech		¼-Wave	No (2)5			1	Dome	40-22 ±3	88	3.3k	8/	37 x 8 x 13	Opt.	Blk. Knit	53	2099.00 Pair				
Howard S2		¼-Wave	No (2)6½			1	Dome	35-22 ±3	90		8/	41 x 9 x 11	Opt.	Blk. Knit	57	2699.00 Pair				
Keep		Bass Ref.	Yes (2)5			1	Dome	65-20 ±3	89		8/	7 x 19 x 14	Opt.	Blk. Knit	23	599.00 Each				
CELESTION	A Compact		Yes 4			1	Dome	80-20 ±2	85	3k	4/	10 x 7 x 8	Opt., Wood	Blk. Cloth	10	From 1000.00 Pair				
	A1		Yes 7			1	Dome	43-20 ±2	88	3k	4/	16 x 10 x 14	Opt., Wood	Blk. Cloth	31	1500.00 Pair				
	A2		Yes 7			1	Dome	40-20 ±2	90	3k	4/	36 x 10 x 15	Opt., Wood	Blk. Cloth	65	2300.00 Pair				
	A3		Yes (3)8	7		1	Dome	36-20 ±2	90	300,3k	4/	45 x 11 x 17	Opt., Wood	Blk. Cloth	101	3500.00 Pair				
	A4C A5R A6S	Ctr. Ch. Dipole Surround Powered Sub.	Yes (2)7 4 Yes (2)10	4		1 (2)1	Dome Domes	100-20 ±2 70-20 ±2 29-90 Hz ±2	90 87	600,5k 5k 60-90 (Var.)	4/ 8/	8 x 26 x 8 9 x 12 x 7 24 x 13 x 16	Gray Opt. Opt.	Blk. Cloth Opt. Blk. Cloth	24 15 66	1000.00 Each 1000.00 Pair 1200.00 Each				
	C1 C2 C3 C4 C5R	Ported Ctr. Ch.; Ported Dipole Surround; Ported	Yes 5¼ Yes (2)5¼ Yes (4)5¼ Yes (2)5½ Yes (2)4	5¼ 5¼ 5¼ 5¼		1 1 1 (2)¾	Dome Dome Dome Domes	50-20 ±2 40-20 ±2 36-20 ±2 68-20 ±2 80-20 ±2	90 91 90 91 87	3k 3k 120,3k 2.9k 4k	4/ 4/ 4/ 4/	13 x 6 x 10 33 x 6 x 10 41 x 6 x 10 6 x 19 x 10 11 x 6 x 10	Alum. Alum. Alum. Alum. Opt., Alum.	Blk. Mesh Blk. Mesh Blk. Mesh Blk. Mesh Mesh	9 21 28 14 5	600.00 Pair 1200.00 Pair 1600.00 Pair 500.00 Each 500.00 Pair				
	C6S (w/remote) MP1	Powered Sub. Surround Ch.	Yes 12 Yes 3½			1	Dome	35-150 Hz 70-20 ±3	90		8/	15 x 17 x 17 12 x 6 x 9	Opt. Opt.	Blk. Opt.	30 6	1200.00 Each 300.00 Pair				
	Little 1 Center 2 CSC CSW MKII	Powered Sub. Surround Ch. Ctr. Ch. Ctr. Ch. Powered Sub.	No 3½ Yes (2)4½ Yes (2)3½ Yes 8			¾ ¾ ¾	Dome Dome Dome Dome	100-20 ±3 100-20 ±3 88-20 ±3 80-120 Hz +0, -3	90 90 89		8/	8 x 6 x 4 7 x 17 x 7 5 x 13 x 6 10 x 21 x 18	Opt. Opt. Gray Gray	Opt. Opt. Gray Gray	3 7 6 36	180.00 Pair 249.00 Each 179.00 Each 449.00 Each				
	CELLO LTD.	Stradivarius Grand Master Master Elif	Ac. Sus. Ac. Sus. Aperiodic	(2)12 6½	(8)2 (4)2	Domes Domes	(8)¾ (4)¾	Domes Domes	70-20 ±3	127 115	500,5k 500,5k 2k	2/1 4/2 6/4	17 x 18 x 87 17 x 18 x 62 11 x 12 x 15	Opt. Opt.	Blk. Mesh Blk. Mesh	500 370 24	60.000 Pair 35.000 Pair From 3500.00 Pair			
		Pro Amati Premiere Legend Serafin	Ac. Sus. Variovent Ac. Sus. Powered, Biamped	12 12 12 9	(4)1½ 3 3	Domes Dome Dome	(4)¾ 1 1	Domes Dome Dome		115 115	500,5k 500,7k 500,5k 2k	4/2 6/4 4/3	27 x 10 x 19 17 x 18 x 45 14 x 12 x 27 13 x 15 x 19	Opt. Opt. Opt. Opt.	Blk. Mesh Blk. Mesh Blk. Mesh Blk. Mesh	80 260 72 65	16,000 Pair 18,000 Pair 8000.00 Pair 12,000 Pair			



# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
CERATEC	ECO AM 60F	Ported	No	(2)4	3	Cone	¾	Dome	60-30	85	4/	44 x 9 x 9	Alum.	Blk. Metal	999.95 Pair		
	ION AM 50S	Ported	No	3			¾	Dome	100-30	86	8/	40 x 9 x 9	Alum.	Blk. Metal	499.95 Pair		
	MiniSat	Ported	No	4			¾	Dome	80-25	86	8/	9 x 6 x 6	Alum.	Blk. Metal	299.95 Pair		
	Tara AM 40S	Ported	No	3			¾	Dome	80-20	90	8/	12 x 9 x 9	Alum.	Blk. Metal	249.95 Pair		
	MicroSat	Ported	No	4			¾	Dome	80-30	86	8/	7 x 7 x 4	Gray	Blk. Metal	185.95 Pair		
	AM 15S	Sealed	No	3		Cone			100-20	86	8/	5 x 4 x 4	Opt.	Blk. Metal	99.95 Pair		
	Cherokee	Sealed	No	3		Cone			100-20	86	8/	5 x 4 x 4	Opt.	Blk. Metal	99.95 Pair		
	AM 10S	Sealed	No	3		Cone			100-20	86	8/	5 x 4 x 4	Opt.	Blk. Metal	99.95 Pair		
	MicroCenter	Ctr. Ch.; Ported	Yes	4			¾	Dome	80-30	84	8/	7 x 7 x 4	Gray	Blk. Metal	139.95 Each		
	AH 15C	Ctr. Ch.; Ported	Yes	(4)3			¾	Dome	60-30	86	8/	4 x 17 x 8	Blk.	Blk. Metal	199.95 Each		
HT Center	Ctr. Ch.; Ported	Yes	(4)3			¾	Dome	60-30	86	8/	4 x 17 x 8	Blk.	Blk. Metal	199.95 Each			
AH 20C	Sub. Sub.		(2)7					50-150 Hz	88	4/	12 x 10 x 10	Gray	None	189.95 Each			
SUB-S AM 15W	Sub. Sub.		(2)8					30-150 Hz	89	4/	20 x 10 x 10	Gray	None	249.95 Each			
SUB-L AM 25W	Sub. Sub.		(2)8					30-150 Hz	89	4/	20 x 10 x 10	Gray	None	249.95 Each			
CERWIN-VEGA	CVT-12	Bass Ref.	Yes	12	7	Cone	1	Dome	38-20 ±2.5	94	4/	44 x 11 x 20	Blk. Wal.	Blk. Cloth	95	699.00 Each	
	CVT-10	Bass Ref.	Yes	10	7	Cone	1	Dome	40-20 ±2.5	92	4/	38 x 10 x 17	Blk. Wal.	Blk. Cloth	75	499.00 Each	
	CVT-300S	Powered	Yes	15					20-120 Hz			30 x 12 x 21	Blk. Wal.	Blk. Cloth		799.00 Each	
	CVT-200S	Powered	Yes	12					25-120 Hz			23 x 10 x 20	Blk. Wal.	Blk. Cloth		599.00 Each	
	CVT-7LCR	Bass Ref. Sub.	Yes	7			1	Dome	58-20	94	4/	10 x 22 x 13	Blk. Wal.	Blk. Cloth	36	349.00 Each	
	E-315	Bass Ref.	No	15	6½	Cone	1	Dome	28-20 ±3	102	700.3.5k	36 x 18 x 16	Vinyl	Blk. Cloth	66	559.00 Each	
	E-312	Bass Ref.	No	12	5¼	Cone	1	Dome	28-20 ±3	98	400.3.5k	33 x 15 x 13	Vinyl	Blk. Cloth	51	359.00 Each	
	E-310	Bass Ref.	No	10	5¼	Cone	1	Dome	38-20 ±3	95	600.3k	31 x 13 x 10	Vinyl	Blk. Cloth	39	319.00 Each	
	E-208	Bass Ref.	No	8			1	Dome	40-20 ±3	94	2k	19 x 10 x 10	Vinyl	Blk. Cloth	19	209.00 Each	
	E-26F	Bass Ref.	No	6½			1	Dome	60-20 ±3	90	6k	13 x 8 x 8	Vinyl	Blk. Cloth	8	129.00 Each	
	E-D6C	Bass Ref.	Yes	6½			1	Dome	60-20 ±3	92	3.5k	8 x 20 x 10	Vinyl	Blk. Cloth	13	299.00 Each	
	AL-1000	Bass Ref.	No	15	8	Cone	1	Dome	28-20 ±3	95	400.3.5k	44 x 17 x 17	Gray Vinyl	Gray Cloth	93	789.00 Each	
	AL-750	Bass Ref.	No	12	6½	Cone	1	Dome	28-20 ±3	93	400.3.5k	38 x 14 x 12	Gray Vinyl	Gray Cloth	80	649.00 Each	
	RE-6C	Ctr. Ch.	Yes	(2)6½					60-20 ±3	92	6k	8 x 20 x 10	Blk. Vinyl	Blk. Cloth	13	289.00 Each	
	RE-16B	Bass Ref.	Yes	6½					60-20 ±3	92	3.5k	13 x 8 x 8	Blk. Vinyl	Blk. Cloth	8	129.00 Each	
	HT-S15	Powered	No	15					30-150 Hz	90	30-150 (Var.)	21 x 19 x 19	Blk. Wood	Blk. Cloth	72	799.00 Each	
	HT-S12	Bass Ref. Sub.	No	12					35-150 Hz	93	50-150 (Var.)	19 x 17 x 17	Blk. Wood	Blk. Cloth	60	649.00 Each	
	HT-S10	Powered	No	10					35-150 Hz	94	50-150 (Var.)	17 x 15 x 15	Blk. Wood	Blk. Cloth	55	529.00 Each	
	LW-12	Bass Ref. Sub.	12						32-150 Hz		40-150 (Var.)		Blk. Wood	Blk. Cloth		599.00 Each	
	LW-10	Powered	10						35-150 Hz		40-150 (Var.)		Blk. Wood	Blk. Cloth		499.00 Each	
	SUB-150	Bass Ref. Sub.	No	15					30-150 Hz		30-150 (Var.)	21 x 19 x 19	Vinyl	Blk. Wood	72	899.00 Each	
	SUB-12	Bass Ref. Sub.	No	12					35-150 Hz	93	125	19 x 17 x 17	Vinyl	Blk. Wood	49	419.00 Each	
	SUB-10	Bass Ref. Sub.	No	10					38-150 Hz	94	125	17 x 15 x 15	Vinyl	Blk. Wood	44	339.00 Each	
	HT-CTR25	Ctr. Ch.	Yes	(2)5¼			1	Dome	80-22 ±2.5	92	4k	20 x 6 x 8	Vinyl	Blk. Cloth	7	219.00 Each	
	HT-CTR24	Ctr. Ch.	Yes	(2)4			1	Dome	80-22 ±2.5	91	4k	15 x 5 x 7	Vinyl	Blk. Cloth	6	169.00 Each	
	HT-SAT5	Bass Ref.	Yes	5¼			1	Dome	60-22 ±2.5	92	4k	6 x 12 x 8	Vinyl	Blk. Cloth	6	299.00 Pair	
	HT-SAT4	Sealed	Yes	4			1	Dome	80-22 ±2.5	91	4k	5 x 10 x 6	Vinyl	Blk. Cloth	5	239.00 Pair	
System 120	4 Sats., Ctr. Ch. & Sub.	Yes	12					80-22 ±2.5	91	4k	Six Pieces	Vinyl	Blk. Cloth		1349.00 Sys.		
System 100	4 Sats., Ctr. Ch. & Sub.	Yes	10								Six Pieces			1049.00 Sys.			
System 10	4 Sats., Ctr. Ch. & Sub.	Yes	10								Six Pieces			849.00 Sys.			
Re-20	Bass Ref.	No	8			1	Dome	40-20 ±3	93	2.5k	20 x 11 x 12	Wal. Vinyl	Blk. Knit	26	205.00 Each		
Re-25	Bass Ref.	No	10	4	Cone	1	Dome	38-20 ±3	95	1k.6k	27 x 13 x 12	Wal. Vinyl	Blk. Knit	40	310.00 Each		
Re-30	Bass Ref.	No	12	4	Cone	1	Dome	28-20 ±3	97	500.6k	32 x 17 x 15	Wal. Vinyl	Blk. Knit	57	345.00 Each		
Re-38	Bass Ref.	No	15	6½	Cone	1	Dome	27-20 ±3	102	600.4.5k	36 x 18 x 19	Wal. Vinyl	Blk. Knit	90	540.00 Each		
VS-80	Bass Ref.	No	8			1	Dome	38-20 ±3	94	3.6k	20 x 12 x 11	Wal. Vinyl	Blk. Knit	26	205.00 Each		
VS-100	Bass Ref.	No	10	4	Cone	1	Dome	37-20 ±3	95	650.6k	12 x 28 x 13	Wal. Vinyl	Blk. Knit	40	310.00 Each		
VS-120	Bass Ref.	No	12	4	Cone	1	Dome	28-22 ±3	97	300.6k	17 x 32 x 15	Wal. Vinyl	Blk. Knit	57	345.00 Each		
VS-150	Bass Ref.	No	15	6½	Cone	1	Dome	28-22 ±3	102	400.6k	18 x 36 x 19	Wal. Vinyl	Blk. Knit	90	540.00 Each		
CHADWICK MODIFICATIONS	MC1000	Ported	No	8			¾	Dome	38-32	90	1k	6/3	Oiled Wal.	Blk.	40	1800.00 Pair	
CHAPMAN AUDIO SYSTEMS	T-7		No	10	6½	Cone	1	Dome	28-20 ±2	90	120.3k	4/2.8	44 x 13 x 10	Opt., Wood	Blk. Knit	100	2800.00 Pair
	T-6		No	10	5¼	Cone	1	Dome	32-20 ±2	89	150.4.5k	4/2.8	39 x 10 x 10	Opt., Wood	Blk. Knit	90	1700.00 Pair
	VSH		No	(2)6	2	Cone	1	Dome	40-20 ±2	89	1k.3k	4/2.8	11 x 28 x 12	Opt., Wood	Blk. Knit	65	1100.00 Each
	VSI		Yes	6			1	Dome	50-20 ±2	88	3k	8/4.7	17 x 10 x 11	Oiled Oak	Blk. Knit	40	740.00 Each
CHATEAU RESEARCH	M-3 Elite	Vented		8			1	Dome	30-20 ±3	89	1.8k	8/3	14 x 14 x 15	Wood Ven.	Blk. Knit	35	3000.00 Pair
	M-1 Elite	Vented		5			1	Dome	68-20 ±3	88	2.5k		12 x 12 x 11	Wood Ven.	Blk. Knit	24	2000.00 Pair
CHIRO	C150	THX; Sub.	No	15					20-80 Hz ±3	94	80	6/	20 x 20 x 21	Blk./Granite		95	1698.00 Each w/Amp
CITATION	7.2	THX; Inf. Baf.		(2)6½			(2)1	Domes	80-23 ±3	91	2.5k	4/3.8	23 x 10 x 11	Blk. Lacq. Oak	Charcoal Knit	42	1350.00 Each
	7.3	THX; Dual-Drive Dipole Surround		(2)5½			(2)1	Domes	85-18 ±3	90	2.5k	8/4	18 x 14 x 9	Opt.	Opt., Knit	28	1000.00 Each
	7.4	THX; Sub.		14					30-100 Hz ±3	91		8/6	20 x 24 x 14	Blk. Lacq. Oak	Charcoal Knit	85	1150.00 Each
	5.2	Inf. Baf.		5½			1	Dome	90-23 ±3	88	2.5k	8/6	12 x 8 x 7	Blk. Lacq. Oak	Charcoal Knit	16	550.00 Each
	5.3	THX; Dual-Drive Dipole Surround		(2)5½			(2)1	Domes	100-18 ±3	90	2.5k	8/4	12 x 14 x 7	Opt.	Opt., Knit	22	990.00 Pair
	5.4	THX; Sub.		12					30-100 Hz ±3	90			19 x 22 x 18	Blk. Lacq. Oak	Charcoal Knit	70	795.00 Each

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS							Anechoic Frequency Response, Hz to Hz, ±dB	SPL, 1 Wtd/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
CLASSIC AUDIO REPRODUCTIONS	Master Monitor Studio Supreme	Folded Horn Dual Ported	No	(2)15 (2)15	2 2	Compr. Compr. Horn	(2)1½ 1½	Horns Compr. Horn	25-20 ±3 22-18 ±3	108 101	800,7k 800,8k	8/ 8/	50 x 36 x 29	Opt. Opt.	Opt. Opt.	250 275	17,850 Pair 13,500 Pair	
	Hartsfield Studio Standard II	Folded Horn Ported		15 15	2 1	Horn Compr. Compr.	(2)1½ 1½	Horn Horn	31.5-20 ±3 20-20 ±1	106 97	800,7k 800,7k	8/ 8/	47 x 47 x 25 35 x 31 x 20	Opt. Opt.	Opt. Opt.	225 150	12,530 Pair 6950.00 Pair	
	Cinema Music Channel T-1	Ported		(2)6½			1	Compr.	40-18 ±1	95	1k	8/	24 x 14 x 12	Opt.	Opt.	45	2350.00 Pair	
		Ported	No	15	2	Horn	1½	Horn	20-40	97	800,8k	8/6	45 x 31 x 28	Opt.	Blk.	150	20,000 Pair	
CLEMENS LOUD-SPEAKERS	105di	Vented	No	4¼			¾	Dome	55-20 ±3	87	3.5k	8/6	12 x 7 x 8	Blk. Oak Vinyl	Blk.	8	129.95 Each	
	106di	Vented	Yes	6½			¾	Dome	48-20 ±3	88	3k	8/6	14 x 8 x 9	Blk. Oak Vinyl	Blk.	10	179.95 Each	
	107di	Vented	Yes	6½			¾	Dome	45-20 ±3	89	2.8k	8/6	17 x 10 x 11	Blk. Oak Vinyl	Blk.	12	209.95 Each	
	207di	Vented	Yes	8			1	Dome	40-20 ±3	90	2.5k	6/4.5	19 x 10 x 15	Blk. Oak Vinyl	Blk.	27	299.95 Each	
	204c	Ctr. Ch.; Vented	Yes	(2)4½			¾	Dome	75-20 ±3	88	3.5k	9/6	6 x 17 x 8	Blk. Oak Vinyl	Blk.	12	229.95 Each	
	206di	Vented	Yes	(2)6½			1	Dome	38-20 ±3	90	2.8k		38 x 10 x 11	Blk. Oak Vinyl	Blk.	45	424.95 Each	
	306dat	Vented	Yes	8	6½		1	Dome	35-20 ±3	90	80,2.8k		42 x 10 x 12	Blk. Oak Vinyl	Blk.	47	449.95 Each	
	308di	Vented	Yes	8	8		1	Dome	30-20 ±3	92	80,2.8k		42 x 10 x 12	Blk. Oak Vinyl	Blk.	47	499.95 Each	
	266c	Ctr. Ch.; Sealed	Yes	(2)6½			1	Dome	75-20 ±3	90	2.8k		8 x 24 x 11	Blk. Oak Vinyl	Blk.	26	349.95 Each	
	2106bps	Bipolar Surround; Sealed	Yes	(2)6½			(2)¾	Domes	58-20 ±3	90	3k		15 x 11 x 8	Opt., Oak Vinyl	Opt.	20	549.95 Pair	
	2206bps	Bipolar Surround; Sealed	Yes	(2)6½			(2)1	Domes	48-20 ±3	91	2.8k		18 x 11 x 8	Opt., Oak Vinyl	Opt.	27	699.95 Pair	
	Richter	Powered, Vented Sub.	No	10					30-150 Hz ±3	92	40-150 (Var.)		16 x 15 x 16	Blk. Oak Vinyl	Blk.	60	624.95 Each	
	Richter II	Powered, Vented Sub.	No	12					30-150 Hz ±3	93	40-150 (Var.)		19 x 22 x 19	Blk. Oak Vinyl	Blk.	70	789.95 Each	
	Son of Richter	Powered, Vented Sub.	No	8					38-150 Hz ±3	90	40-150 (Var.)		16 x 11 x 15	Blk. Oak Vinyl	Blk.	40	449.95 Each	
COINCIDENT SPEAKER TECHNOLOGY	Mini Triumph	Ported	No	5			¾	Dome	50-20 ±3	90	4k	8/7	12 x 8 x 9	Blk. Lacq.	Blk. Knit	13	499.00 Pair	
	Triumph	Ported	Yes	6½			¾	Dome	40-20 ±3	90	4k	8/7	16 x 9 x 12	Blk. Lacq.	Blk. Knit	26	799.00 Pair	
	Triumph Signature	Ported	Yes	6½			1	Dome	40-25 ±3	90	3k	8/7	16 x 9 x 12	Blk. Lacq.	Blk. Knit	27	999.00 Pair	
	Conquest Super	Ported	No	8			1	Dome	30-25 ±3	92	2.5k	8/7	38 x 11 x 12	Blk. Lacq.	Blk. Knit	60	1595.00 Pair	
	Conquest Millennium	Ported	No	10	5	Cone	1	Dome	26-35 ±3	92	300,3k	8/7	38 x 11 x 12	Blk. Lacq.	Blk. Knit	64	2295.00 Pair	
Mini Sub	Sat. & Sub.	No	(2)8	(2)5	Cones	1	Dome	28-35 ±3	92	80,2.7k	14/10	Two Pieces Per Side	Mahogany Ven. Blk. Lacq.	None	140 Side 40	6995.00 Sys.		
CONDOR ACOUSTIC DESIGN	SC-1	Ac. Sus.	No	12,8	2	Dome	1	Dome	26-30 ±3	88	50,800.5k	6/4	Four Pieces	Rswd.	Blk. Knit	400 Sys.	12,999 Sys.	
	SC-3	Bass Ref.	No	12	6	Cone	1	Ribbon Inv.	35-30 ±3	96	400,5k	8/7	16 x 18 x 39	Opt.	Blk. Knit	160	4999.00 Pair	
	SC-5	Ac. Sus.	No	10	5	Cone	1	Dome	38-20 ±3	88	400,4k	6/5	12 x 15 x 45	Opt.	Blk. Knit	110	3300.00 Pair	
	SC-7	Bass Ref.	No	7½			1	Dome	40-20 ±3	88	3k	8/6	10 x 14 x 20	Opt.	Blk. Knit	45	2000.00 Pair	
CREATIVE ACOUSTICS	Deco 7	In-Ceiling	No	6½			¾	Dome	55-19 ±3	89	3.5k	6/3	8 Dia. x 6	Opt., Wood	Blk. Knit	6	From 400.00 Pair	
	Deco 5	In-Ceiling	No	5¼			¾	Dome	70-19 ±3	90	3.5k	8/4	8 Dia. x 5	Opt.		4	From 360.00 Pair	
	Deco 4	In-Ceiling	No	3½			¾	Dome	90-19 ±3	90	3.5k	8/4	5 Dia. x 5	Opt.		4	From 250.00 Pair	
	Deco Sub	In-Ceiling Sub.	No	6½					30-125 Hz ±3	89		6/3	8 Dia. x 6	Opt.		6	From 300.00 Each	
CROSBY AUDIO WORKS	CAW-1 (modification to Quad ESL63)	Electrostatic	No							92						58	2900.00 Pair	
	CAW-3 (modification to Quad ESL63)	Electrostatic	No							97						63	3400.00 Pair	
CSI/SPECO	SP-622	In-Wall	Yes	6							2.5k	8/	12 x 9					
	SP-822	In-Wall	Yes	8							2k	8/	14 x 10					
	SP-633	In-Wall	Yes	6							2k, 4.5k	8/	12 x 9					
	SP-833	In-Wall	Yes	8							1.5k, 4.5k	8/	14 x 10					
	SP-800SW	In-Wall; Sub.	Yes	8								8/	14 x 10					
	SP-402A	In-Wall	Yes	4					30-550 Hz			8/	14 x 10					
	SP-502A	Outdoor	Yes	4					50-20		3k	8/	8 x 6					
	SP-602A	In-Wall	Yes	5¼					50-20		3k	8/	11 x 8					
	SP-802A	In-Wall	Yes	6					40-20		2.5k	8/	12 x 9					
	SW-10A	In-Wall	Yes	8					35-20		2.2k	8/	14 x 10					
	SW-350	Powered Sub. Sub.							40-180 Hz				10 x 13 x 12					
	SP-250W	Indoor/Outdoor		5¼					35-240 Hz			8/	7 x 13 x 20					
	SP-300			5¼					40-22			8/	9 x 6 x 6					
	SP-100			3½					40-22			8/	9 x 6 x 6					
	SP-50W	Indoor/Outdoor		3½					50-22			8/	7 x 5 x 4	Opt.				
	SP-5C	In-Ceiling							70-20				7 x 5 x 4					
	SP-5CR	In-Ceiling							70-20				8 Dia. x 3					
	SP-6C	In-Ceiling							53-20				8 Dia. x 4					
	SP-8C	In-Ceiling							70-20				9 Dia. x 3					
	SP-425		No	4					70-20			8/	11 Dia. x 3					
SP-750		No	5					100-15			8/	11 x 13 x 5						
SP-700	Bipolar	No	5	(2)3½	Cones	(2)2½		Domes	50-20		8/	11 x 13 x 5	Wal. Blk. Wood	Blk. Knit	8	131.50 Pair 205.95 Pair 395.00 Pair		

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CIRCLE NO. 44 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
DAHLQUIST	DQ-6.2CS/II	Bass Ref.; Phased Array	Yes	6½			1	Dome	40-20	88		6/	9 x 15 x 13	Blk.	Blk. Knit	25	499.95 Pair
	DQ-66.2CS/II	Bass Ref.; Phased Array	Yes	(2)6½			1	Dome	30-20	89		6/	9 x 39 x 12	Blk.	Blk. Knit	46	950.00 Pair
	DQ-86.3CS/II	Bass Ref.; Phased Array	Yes	8	6½	Cone	1	Dome	30-20	90		6/	10 x 40 x 13	Blk.	Blk. Knit	57	1100.00 Pair
	DQ-66.2CTR/II	Phased Array	Yes	(2)6½			1	Dome	55-20	89		8/	20 x 9 x 10	Blk.	Blk. Knit	25	350.00 Each
	DQ-200.SUB	Ctr. Ch. Powered, Tuned Port, Isobaric Sub.	No	(2)10					30-150 Hz				13 x 18 x 16	Blk.	Blk. Knit	48	780.00 Each
	PDQ-627/II	Bass Ref.; Phased Array	Yes	6½			1	Dome	40-20	89		6/	9 x 17 x 12	Blk.	Blk. Knit	21	450.00 Pair
	PDQ-827/II	Bass Ref.; Phased Array	Yes	8			1	Dome	35-20	90		6/	10 x 24 x 12	Blk.	Blk. Knit	29	499.95 Pair
	PDQ-637/II	Bass Ref.; D'Appolito	Yes	(2)6½			1	Dome	30-20	90		6/	8 x 40 x 12	Blk.	Blk. Knit	45	749.95 Pair
	PDQ-8307/II	Phased Array	Yes	8	6½	Cone	1	Dome	30-20	90		6/	10 x 40 x 12	Blk.	Blk. Knit	50	849.95 Pair
	PDQ-110.SUB	Phased Array	No	10					30-120 Hz				18 x 18 x 18	Blk.	Blk. Knit	45	599.95 Each
	PDQ-607	Bass Ref.; Phased Array	Yes	6½			¾	Dome	40-20	89		6/	10 x 24 x 12	Blk.	Blk. Knit	18	299.95 Pair
	PDQ-1A		Yes	6½			¾	Dome	40-20	90		6/	9 x 14 x 12	Blk.	Blk. Knit	12	249.95 Pair
	PDQ-55.2CTR	Ctr. Ch.	Yes	(2)5¼			¾	Dome	55-20	89		4/	20 x 9 x 10	Blk.	Blk. Knit	25	299.95 Each
	PDQ-8207	Bass Ref.	Yes	8			1	Dome	35-20	90		6/	8 x 36 x 12	Blk.	Blk. Knit	45	599.95 Pair
	DDA-1T		No	(3)3			1	Dome	100-20	87		8/	4 x 37 x 4	Blk.	Blk. Knit	20	660.00 Pair
	DDA-1C		No	(4)3			1	Dome	100-20	87		8/	4 x 4 x 20	Blk.	Blk. Knit	15	260.00 Each
	PDQ-100.SUB	Powered Sub.	No	8					30-150 Hz				13 x 17 x 18	Blk.	Blk. Knit	45	450.00 Each
	PDQ-620	Bass Ref.	Yes	6½			1	Dome	45-20	89		8/	9 x 13 x 12	Blk.	Blk. Knit	17	399.00 Pair
	PDQ-820	Bass Ref.	Yes	8			1	Dome	42-20	90		8/	12 x 35 x 12	Blk.	Blk. Knit	30	599.00 Pair
	PDQ-REF1T	Bass Ref.	Yes	8	5¼	Cone	1	Dome	40-20	90		8/	12 x 37 x 12	Blk.	Blk. Knit	45	799.00 Pair
PDQ-REF1C	Ctr. Ch.	Yes	(2)5¼			1	Dome	55-20	89		4/	20 x 9 x 10	Blk.	Blk. Knit	25	399.00 Each	
PDQ-DC10.SUB	Powered Sub.	No	10					28-150 Hz			4/	12 x 18 x 16	Blk.	Blk. Knit	37	499.00 Each	
DANIELS AUDIO	Mud Puppy	Sealed; Phase Coherent	No		8	Cone			20-20			4/3.2	48 x 12 x 16		None	112	10,500 Pair
	Guppy	Sealed; Phase Coherent	No		6½	Cone			20-20			4/3	21 x 11 x 12		None	37	6000.00 Pair
	Goby	Sealed; Phase Coherent	No		6½	Cone			20-20			4/3	21 x 10 x 11	Oiled Oak	None	24	3500.00 Pair
D.A.S. AUDIO	Factor-5/5W	Tuned Port	No	5			1	Dome	75-20 ±10	90		8/5.5	9 x 6 x 6	Plast.	Opt., Metal	6	136.00 Each
	Factor-8/8W	Tuned Port	No	8			1	Dome	55-20 ±10	91		8/6.5	18 x 11 x 10	Plast.	Opt., Metal	12	249.00 Each
	Factor-12/12W	Tuned Port	No	12				Horn	45-20 ±10	94		8/7.7	23 x 16 x 12	Plast.	Opt., Metal	37	475.00 Each
	DS-8/8W								60-20	94		8/	18 x 11 x 9			22	315.00 Each
	DS-12/12W								50-20	98		8/	23 x 16 x 13			47	544.00 Each
	DS-15/15W								45-20	98		8/	27 x 17 x 14			61	657.00 Each
	DS-15A/15AW								60-20	99		8/	16 x 23 x 14			52	979.00 Each
	PF-012								55-20	100		8/	18 x 26 x 15			46	549.00 Each
	PF-015								60-20	99		8/	17 x 23 x 14			57	599.00 Each
	PF-112								55-20	100		8/	19 x 26 x 15			48	549.00 Each
PF-215								40-20	102		8/	19 x 41 x 15			62	599.00 Each	
D-BOX AUDIO	Sub 300	Powered Sub.	No	10					28-120 Hz	112			17 x 17 x 14	Blk. Vinyl	Blk. Knit	48	499.00 Each
	Sub 500	Powered Sub.	No	12					20-150 Hz	112			17 x 15 x 17	Blk. Vinyl	Blk. Knit	60	699.00 Each
	Mamouth	Sub.	No	18					20-100 Hz				30 x 32 x 15	Wood Ven.	Blk. Knit	48	6999.00 Each
PML100	Multimedia; Powered	Yes	4			½	Dome	+0,-1 80-25 ±4.5				9 x 5 x 5	Blk. Alum.	Blk.	6	699.00 Pair	
DC GOLD AUDIO	TL1025	Trans. Line	No	10	(2)5	Cones	1½	Dome	25-22 ±3	90		4/3	39 x 14 x 19	Lacq. Oak	Blk. Knit	90	3850.00 Pair; w/Bass Amps, 4850.00
	TL1226	Trans. Line	No	12	(2)6½	Cones	1½	Dome	20-22 ±3	91		4/3	48 x 15 x 19	Lacq. Oak	Blk. Knit	110	4230.00 Pair; w/Bass Amps, 5230.00
	TL161	Trans. Line	Yes	6½			1½	Dome	40-20 ±3	88		8/6	35 x 9 x 14	Lacq. Oak	Blk. Knit	45	1640.00 Pair
	SC161	Sealed	Yes	6½			1½	Dome	45-20 ±3	88		8/6	17 x 11 x 14	Lacq. Oak	Blk. Knit	25	1350.00 Pair
	SC1061	Sealed	No	10	6½	Cone	1½	Dome	30-20 ±3	88		8/4	39 x 15 x 15	Lacq. Oak	Blk. Knit	85	3630.00 Pair; w/Bass Amps, 4630.00
	SC151	Sealed	Yes	5			1½	Dome	60-20 ±3	87		8/6	10 x 10 x 11	Lacq. Oak	Blk. Knit	15	540.00 Pair
SC112P	Powered Sub.	No	12					20-200 Hz ±3	91	Var.		15 x 18 x 15	Lacq. Oak	Blk. Knit	65	1275.00 Each	
HTCC25	Sealed	Yes	(2)5			1½	Dome	55-20 ±3	90		4/3	7 x 22 x 11	Lacq. Oak	Blk. Knit	22	580.00 Each	
HTCC26	Sealed	Yes	(2)6½			1½	Dome	45-22 ±3	91		4/3	9 x 26 x 16	Lacq. Oak	Blk. Knit	45	775.00 Each	
HTRC61	Omni; Sealed	Yes	6½			1½	Dome	45-20 ±3	88		8/6	25 x 10 x 10	Lacq. Oak	Blk. Knit	24	1290.00 Pair	
DCM	Powered TimeFrame	Tripolar; Powered	Yes	(2)6½	6½	Cone	(3)¾	Horn, Domes	28-20	92		8/	40 x 10 x 14	Blk. Wrap		50	499.00 Each
	Powered TimeFrame	Tripolar; Powered	Yes	(2)8	6½	Cone	(3)¾	Horn, Domes	20-20	93		8/	44 x 11 x 16	Blk. Wrap		60	699.00 Each
	Premiere Sub 210	Bass Section	Yes	(2)10					25-120 Hz				18 x 16 x 16	Blk.		60	599.00 Each
	OW-2	Bandpass Sub.	Yes	6½			(2)¾	Domes	80-20	92	80-120 (Adj.)	8/	10 x 14 x 5	Blk. Textured	Opt.	25	458.00 Pair
	OW-1	Ac. Sus.	No	5			(2)¾	Domes	90-20	92		8/	8 x 10 x 4	Ivory	Ivory	20	278.00 Pair
	Seven TimeWindow	Staggered	Yes	(2)9	(2)6½	Cones	(3)¾	Domes	28-25 ±3	92		4/	48 x 14 x 19	Blk. Gloss	Blk. Knit	70	1599.00 Each
SurroundScape	Trans. Line	Yes	(2)6½			(2)¾	Domes	35-20	92		6/	12 x 16 x 40	Blk.	Blk.	43	699.00 Each	
Powered TimeWindow	Sealed; Powered, Vented	Yes	(2)6	(2)6	Cones	(4)¾	Domes	28-20	92		6/	44 x 17 x 13	Blk. Gloss	Blk. Knit	60	1099.00 Each	

(Continued)

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CIRCLE NO. 45 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
			Yes	6													
DCM (Continued)	SurroundScape Center Channel	Ctr. Ch.; Ac. Sus.	Yes	6			¾	Dome	50-20	92							
	KX Center Series Two	Ctr. Ch.; Ac. Sus.	Yes	(2)6½			¾	Horn	50-20	97							
	KX-6 Series Two	Ac. Sus.	Yes	6½			¾	Horn	60-20	94							
	KX-7 Series Two	Modified Trans. Line	Yes	8			¾	Horn	45-20	95							
	KX-10 Series Two	Modified Trans. Line	Yes	10	6½	Cone	¾	Horn	30-20	98							
	Powered KX-12 Series Two	Sealed; Powered Bass Section	Yes	12	8.6½	Cones	¾	Horn	25-20	100							
	KX-12 Series Two	Modified Trans. Line	Yes	12	6½	Cone	¾	Horn	26-20	99							
	KX Sub 1	Powered Sub.	Yes	10					30-120 Hz								
	W-5X	In-Ceiling	No	5¼			¾	Dome	70-20	90							
	W-5XD	In-Wall; Dual Voice Coils	No	5¼			1	Cone	70-20	91							
W-6X	In-Wall	No	6½			¾	Dome	60-20	91								
W-6R	In-Wall	No	6½			1	Dome	40-20	89								
W-8R	In-Wall	No	8			1	Dome	30-20	88								
DEFINITIVE TECHNOLOGY	Pro Cinema 400 Home Theater System	2 Trans. Line Towers (Powered Bass), Ctr. Ch. & 2 Surrounds	Yes	(4)6½, (4)5¼	(2)6½	Cones	(5)1	Domes	19-30	91	80,3k	8/4	Five Pieces	Opt.	Opt., Knit	132 Sys.	1747.00 Sys.
	Pro Cinema 200 Home Theater System	4 Sats., Ctr. Ch. & Sub.	Yes	(4)6½, (2)4½		Cones	(5)1	Domes	19-30	91	80,3k	8/4	Six Pieces	Opt.	Opt., Knit	120 Sys.	1549.00 Sys.
	Pro Cinema 100.3	Sats. & Powered Sub.	Yes	(2)5¼		Cones	(2)1	Domes	19-30	90	100,3.5k	8/4	Three Pieces	Opt.	Knit	55 Sys.	799.00 Sys.
	Pro Cinema 100.4	Sats., Ctr. Ch. & Powered Sub.	Yes	(2)5¼, (2)4½		Cones	(3)1	Domes	19-30	90	100,3.5k	8/4	Four Pieces	Opt.	Knit	68 Sys.	998.00 Sys.
	Pro Cinema 100.6	4 Sats., Ctr. Ch. & Powered Sub.	Yes	(4)5¼, (2)4½		Cones	(5)1	Domes	19-30	90	100,3.5k	8/4	Six Pieces	Opt.	Knit	90 Sys.	1348.00 Sys.
	Pro Tower 400	Trans. Line; Powered Bass	Yes	(2)6½		Cone	1	Dome	19-30	91	80,3k	8/4	38 x 8 x 11	Opt.	Opt., Knit	45 Sys.	549.00 Each
	Pro Monitor 200	Trans. Line	Yes	6½			1	Dome	28-30	90	3k	8/4	14 x 8 x 11	Opt.	Opt., Knit	20	225.00 Each
	Pro Monitor 100	Sealed Sat.	Yes	5¼			1	Dome	50-30	90	3.5k	8/4	10 x 6 x 6	Opt.	Knit	11	175.00 Each
	Pro Center C2	Ctr. Ch.	Yes	(2)5¼			1	Dome	45-30	91	3k	8/4	20 x 9 x 7	Opt.	Opt., Knit	20	299.00 Each
	Pro Center 100	Ctr. Ch.; Sealed	Yes	(2)4½			1	Dome	50-30	90	3.5k	8/4	15 x 5 x 6	Opt.	Knit	13	199.00 Each
	Pro Sub 100	Powered	No	10					19-150 Hz	93	Var.	8/4	14 x 11 x 17	Opt.	Knit	33	449.00 Each
	BP30	Trans. Line Sub.	No	(4)6½			(2)1	Domes	18-30	91		8/4			Opt., Knit	70	699.00 Each
	BP3000	Bipolar; Trans. Line	Yes	(2)18, 10, (8)5¼	(10)6½	Cones	(9)1	Domes	13-30	91	80,3k	8/4	9 x 15 x 46	Bik. Gloss	Bik. Knit	376 Sys.	6297.00 Sys.
	Home Theater System	2 Trans. Line Towers (Powered Bass), Ctr. Ch. (Powered Bass) & 2 Surrounds	Yes	(2)15, (2)6½, (8)5¼	(8)6½	Cones	(9)1	Domes	15-30	91	80,3k	8/3	Five Pieces	Opt.	Bik. Knit	319 Sys.	4446.00 Sys.
	BP2000TL	Trans. Line; Powered Bass Section	Yes	(2)12, (10)5¼	(4)5¼	Cones	(9)1	Domes	17-30	92	120,3k	8/3	Five Pieces	Opt.	Bik. Knit	202 Sys.	3297.00 Sys.
	Home Theater System	Trans. Line; Powered Bass Section	Yes	(2)12, (10)5¼	(4)5¼	Cones	(9)1	Domes	17-30	92	120,3k	8/3	Five Pieces	Opt.	Bik. Knit	202 Sys.	3297.00 Sys.
	BP3000	Bipolar; Powered	No	18	(4)6½	Cones	(2)1	Domes	13-30	91	80,3k	8/4	52 x 9 x 19	Bik. Gloss	Bik. Knit	140	2250.00 Each
	CLR3000	Trans. Line Bass Main or Ctr. Ch.; Powered Bass	Yes	10	(2)6½	Cones	1	Dome	19-30	91	80,3k	8/4	25 x 8 x 16	Bik. Gloss	Bik. Knit	60	999.00 Each
	BP2000TL	Bipolar; Trans. Line; Powered Bass Section	No	15	(4)6½	Cones	(2)1	Domes	15-30	91	80,3k	8/4	9 x 50 x 17	Opt.	Bik. Knit	120	From 1499.00 Each
	CLR2000	Ctr. Ch.	Yes	(2)6½			1	Dome	22-30	90	3k	8/4	22 x 9 x 15	Bik. Lacq.	Bik. Knit	43	650.00 Each
	BP2002	Bipolar; Trans. Line; Powered Bass Section	No	12	(2)5¼	Cones	(2)1	Domes	17-30	92	120,3k	8/4	7 x 43 x 15	Opt.	Bik. Knit	68	999.00 Each
	CLR2002	Ctr. Ch.	Yes	(2)5¼			1	Dome	30-30	90	3k	8/4	22 x 9 x 15	Opt.	Bik. Knit	30	499.00 Each
	BPX	Bipolar Surround	No	(4)5¼			(2)1	Domes	35-30	90	4k	8/4	18 x 10 x 7	Opt.	Opt.	18	From 399.00 Each
	BP10B	Bipolar; Trans. Line	No	(2)6½			(2)1	Domes	20-30	90	2.5k	8/4	8 x 13 x 42	Opt.	Bik. Knit	55	550.00 Each
	BP8B	Bipolar; Trans. Line	No	(2)5¼			(2)1	Domes	22-30	90	3.5k	8/4	7 x 11 x 38	Opt.	Bik. Knit	38	399.00 Each
	BP6B	Bipolar; Trans. Line	No	(2)5¼			(2)1	Domes	25-30	90	3k	8/4	7 x 11 x 35	Matte Bik.	Bik. Knit	42	299.00 Each
	Celsius DR	Trans. Line	No	5¼			1	Dome	40-28	90	3.5k	8/4	7 x 12 x 11	Bik.	Bik. Knit	18	185.00 Each
	Celsius Sub Sat	Sats. & Powered Sub.	No	15	(2)5¼	Cones	(2)1	Domes	18-28	90	80,3.5k	8/4	Three Pieces	Bik.	Bik. Knit	98	1069.00 Sys.
	Celsius Home Theater	5 Sats. & Powered Sub.	Yes	15	(5)5¼	Cones	(5)1	Domes	18-28	90	80,3.5k	8/4	Six Pieces	Bik.	Bik. Knit	134 Sys.	1618.00 Sys.
	BP1X	Bipolar Surround Sat.	No	(2)4½			(2)¾	Domes	60-25	90	3.5k	8/4	10 x 9 x 5	Opt.	Opt., Knit	9	175.00 Each
BP2X	Bipolar Surround Sat.	No	(2)5¼			(2)1	Domes	50-30	90	3.5k	8/4	14 x 9 x 5	Opt.	Opt., Knit	10	250.00 Each	
C1jr	Ctr. Ch.	Yes	5¼			1	Dome	50-30	90	3.5k	8/4	7 x 17 x 9	Bik.	Bik. Knit	18	199.00 Each	
C1B	Ctr. Ch.	Yes	(2)5¼			1	Dome	45-30	90	3.5k	8/4	19 x 6 x 8	Bik.	Bik. Knit	21	299.00 Each	
CLR1000B	Main or Ctr. Ch.	Yes	(2)6½			1	Dome	25-30	90	2.6k	8/4	8 x 12 x 22	Bik.	Bik. Knit	32	450.00 Each	
PowerField 12TL	Powered	No	12					17-150 Hz	93	Var.	8/4	14 x 14 x 17	Bik. Ash Vinyl	Bik. Knit	38	549.00 Each	
PowerField 15TL	Trans. Line Sub.	No	15					18-125 Hz	93	Var.	8/4	17 x 17 x 18	Bik.	Bik. Knit	62	699.00 Each	
PowerField 15TL	Powered	No	18					13-150 Hz	93	Var.	8/4	20 x 19 x 18	Bik.	Bik. Knit	100	999.00 Each	
PowerField 18TL	Trans. Line Sub.	No	15					15-150 Hz	93	Var.	8/4	18 x 18 x 20	Bik.	Bik. Knit	90	995.00 Each	
PowerField 1500TL	Powered	No	15					15-150 Hz	93	Var.	8/4	18 x 18 x 20	Bik.	Bik. Knit	90	995.00 Each	

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CIRCLE NO. 46 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS					Apechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches										Tweeter Type
DEFINITIVE TECHNOLOGY (Continued)	PowerField 1800	Powered Sub.	No	18				13-125 Hz	93	Var.		20 x 20 x 22	Opt.	Blk. Knit	109	1599.00 Each	
	UIW75	In-Wall	No	(2)6½			1	Dome	26-30	91	3k	8/4	16 x 7	Wht.	Wht.	325.00 Each	
	UIW65	In-Wall; Inf. Baf.	No	6½			1	Dome	28-30	91	3k	8/6	8 x 11	Wht.	Wht. Metal	429.00 Pair	
	UIW55	In-Wall; Inf. Baf.	No	5¼			1	Dome	35-30	91	3k	8/6	7 x 10	Wht.	Wht. Metal	299.00 Pair	
	UIW64	In-Wall	No	6½			1	Dome	28-30	91	3k	8/6	9 Dia.	Wht.	Wht. Metal	349.00 Pair	
UIW63	In-Wall	No	6½			½	Dome	30-25	91	3k	8/6	9 Dia.	Wht.	Wht. Metal	229.00 Pair		
UIW BP	In-Wall; Bipolar	No	(2)5¼			(2)1	Domes	28-30	91	3k	8/6	7 x 13	Wht.	Wht. Metal	499.00 Pair		
DENNESEN ELECTRO-STATICS	Serenus	Hybrid Electrostatic		8	6½	Cone	(4)3½	ES	30-35	89	200,3k	8/5	Four Pieces	Opt.	Blk. Foam	160 Sys. From 2500.00 Sys.	
	Ample I	Hybrid Electrostatic		5			(4)3½	ES	75-35	89	3k	8/5	24 x 7 x 10	Opt.	Blk. Foam	1700.00 Pair	
DENON	DSW-30	Powered Sub.	Yes	8					40-180 Hz				14 x 13 x 14	Gray Vinyl	30	349.00 Each	
	DSW-40	Powered Sub.	Yes	8					35-190 Hz				15 x 14 x 14	Gray Vinyl	37	449.00 Each	
DESIGN ACOUSTICS	DA-S16	Bass Ref. Ctr. Ch.	No	6			½	Dome	40-20	89		8/	9 x 15 x 11	Blk. Knit	18	250.00 Pair	
	DA-C26	Bass Ref.	Yes	6			½	Dome	45-20	89		8/	20 x 7 x 11	Blk. Knit	24	200.00 Each	
	DA-T26D	Bass Ref.; D'Appolito	No	(2)6			½	Dome	36-20	89		8/	9 x 36 x 11	Blk. Knit	36	450.00 Pair	
	DA-800.SUB	Powered Sub.	No	8					20-150 Hz				10 x 16 x 15	Blk. Knit	30	350.00 Each	
	DA-180.SUB	Powered Bandpass Sub.	No	8					20-150 Hz				12 x 16 x 15	Blk. Knit	30	329.00 Each	
DA-1400	Bass Ref.	No	12	5	Cone	¾	Dome	45-20	92		8/	15 x 32 x 13	Blk. Knit	36	550.00 Pair		
DA-1800	Bass Ref.	No	(2)12	5	Cone	¾	Dome	35-20	91		8/	15 x 40 x 13	Blk. Knit	57	799.90 Pair		
DGX AUDIO	DDL-1	Powered Bass Ref.		12	2	Dome	1	Dome	20-20 ±3	91	2.3k,6.8k	8/4	16 x 11 x 40	Opt.	Blk. Knit	68	1995.00 Pair w/DDA-1 Amp/Prsrsr.
DIABLO ACOUSTICS	6	Sealed	No	7			1	Dome	44-20	85		4/	18 x 10 x 14	Opt.	Blk. Knit	65	2800.00 Pair
	5	Sealed	No	8			1	Dome	36-20	86		4/	36 x 17 x 11	Opt.	Blk. Knit	125	4000.00 Pair
	3	Sealed	No	(2)8	2	Dome	1	Dome	32-20	88		4/	42 x 19 x 11	Opt.	Blk. Knit	250	8000.00 Pair
	1 Reference	Sealed	No	(2)11	2	Dome	1	Dome	21-30	89		4/	50 x 30 x 14	Rswd.	500	30,000 Pair	
DUNLAVY AUDIO LABS	SC-I/AV	SDA (Symmetrical Driver Array); Sealed	Yes	(2)5½			1	Dome	65-20 ±1.5	91		6/4	20 x 8 x 10	Opt., Oak	Blk. Knit	25	750.00 Each
	SC-I	SDA; Sealed	No	(2)5½			1	Dome	75-20 ±1.5	91		6/4	20 x 8 x 10	Opt., Oak	Blk. Knit	22	1195.00 Pair
	SC-II	SDA; Sealed	No	(2)6½			1	Dome	55-20 ±1.5	91		6/4	65 x 8 x 10	Opt., Oak	Blk. Knit	60	2495.00 Pair
	SC-III	SDA; Sealed	No	(2)7	(2)5½	Cones	1	Dome	45-20 ±1.5	91		6/4	72 x 9 x 12	Opt., Oak	Blk. Knit	80	3995.00 Pair
	SC-IV	SDA; Sealed	No	(2)10	(2)5½	Cones	1	Dome	35-20 ±1.5	91		6/3.5	72 x 12 x 18	Opt., Oak	Blk. Knit	180	5995.00 Pair
	SC-IV/A	SDA; Sealed	No	(2)10	(2)5½	Cones	1	Dome	25-20 ±1.5	91		5/3.5	72 x 12 x 18	Opt., Oak	Blk. Knit	190	7995.00 Pair
	SC-V	SDA; Sealed	No	(2)12	(2)3	Cones	1	Dome	55-20 ±1.5	91		4/3	75 x 15 x 27	Opt., Oak	Blk. Knit	330	11,995 Pair
SC-VI	SDA; Sealed	No	(2)6½	(2)5½	Cones	1	Dome	18-20 ±1.5	91		4/3	78 x 18 x 33	Opt., Oak	Blk. Knit	550	24,995 Pair	
DYNAUDIO	Audience 5.1 System 30A	4 Audience LR120+, 1 Audience C120+ & 1 Audience Sub-30A	Yes	12	(2)5½	Cones	1½	Dome					Six Pieces			4999.00 Sys.	
	Audience 5.1 System 20A	4 Audience LR120+, 1 Audience C120+ & 1 Audience Sub-20A	Yes	10	(2)5½	Cones	1½	Dome					Six Pieces			4599.00 Sys.	
	Audience LR120+	Ctr. Ch.; Bass Ref.	Yes	(2)5¾			1½	Dome					7 x 22 x 13	Opt., Wood Vinyl	Blk. Knit	1499.00 Pair	
	Audience C120+		Yes	(2)5¾			1½	Dome					22 x 7 x 13	Opt., Wood Vinyl	Blk. Knit	749.00 Each	
	Audience Sub-30A	Powered Bass Ref. Sub.	Yes	12					23-150 Hz				22 x 17 x 18	Blk. Ash Vinyl	Blk. Knit	53	1599.00 Each
	Audience Sub-20A	Powered Bass Ref. Sub.	Yes	10					25-150 Hz				11 x 17 x 18	Blk. Ash Vinyl	Blk. Knit	31	1199.00 Each
	Audience 40	Bass Ref.	Yes	5¾			1½	Dome					7 x 11 x 10	Opt., Wood Vinyl	Blk. Knit	699.00 Pair	
	Audience 50	Bass Ref.	Yes	6½			1½	Dome	45-22 ±3	86			8 x 13 x 10	Opt., Wood Vinyl	Blk. Knit	15	899.00 Pair
	Audience 60	Bass Ref.	Yes	6½			1½	Dome					8 x 32 x 10	Opt., Wood Vinyl	Blk. Knit	15	1199.00 Pair
	Audience 70	Bass Ref.	Yes	(2)6½			1½	Dome					8 x 35 x 10	Opt., Wood Vinyl	Blk. Knit	1599.00 Pair	
	Audience 80	Bass Ref.	Yes	(2)8	5¾	Cone	1½	Dome					9 x 40 x 12	Opt., Wood Vinyl	Blk. Knit	35	2399.00 Pair
	Contour Center	Ctr. Ch.; Variovent	Yes	(2)5¾			1¼	Dome	75-21 ±3	87	2.6k		23 x 7 x 13	Opt., Wood Vinyl	Blk. Knit	25	1299.00 Each
	Contour 1.1	Bass Ref.	Yes	5¾			1¼	Dome	47-30 ±3	85	1.9k	4/	7 x 13 x 11	Opt., Wood	Blk. Knit	15	1599.00 Pair
	Contour 1.3 mkII	Bass Ref.	Yes	6½			1¼	Dome	40-24 ±3	86		4/	8 x 15 x 12	Opt., Wood	Blk. Knit	19	2199.00 Pair
Contour 1.8 mkII	Bass Ref.	Yes	(2)7			1¼	Dome	28-30 ±3	88	2.6k	4/	8 x 38 x 12	Opt., Wood	Blk. Knit	42	3199.00 Pair	
Contour 3.0	Bass Ref.	Yes	8	5¾	Cone	1½	Dome	28-21 ±3	86		4/	9 x 42 x 14	Opt., Wood	Blk. Knit	75	4999.00 Pair	
Contour 3.3	Bass Ref.	Yes	(2)8	5¾	Cone	1½	Dome	26-24 ±3	89	350,2.3k	4/	9 x 47 x 14	Opt., Wood	Blk. Knit	80	6999.00 Pair	
Confidence 3	Bass Ref.	Yes	8	5¾	Cone	1¼	Dome	35-28 ±3	86	2.6k	4/	9 x 19 x 13	Opt., Wood	Blk. Knit	38	7999.00 Pair	
Confidence 5	Bandpass Compound Variovent	Yes	8,7	2	Dome	1¼,¾	Domes	43-21 ±3	85	1.08k,4k,800,1.4k,2.7k,15k	4/	8 x 47 x 15	Opt., Wood	Blk. Knit	90	9999.00 Pair w/Stands	
Confidence 7		Yes	(2)12,7	2	Dome	1¼,¾	Domes				4/	16 x 50 x 24	Opt., Wood	Blk. Knit	181	24,999 Pair	
EAGLE	Podium	Powered		18	6½,3½	Cones	¾	Dome	15-25 ±2	90	120,250,2.5k	4/	Eight Pieces	Opt.	Opt.	728 Sys. 85,000 Sys.	
	Stage Sub	Powered, Pas. Rad. Sub.		12					25-200 Hz	93	60		25 x 16 x 14	Opt.	Blk.	55	2500.00 Each
	Stage Satellite	Biamped, Pas. Rad. Sat.		6½			¾	Dome	40-18 ±1.5	89	1.9k		16 x 11 x 14	Opt.	Blk.	23	5000.00 Pair





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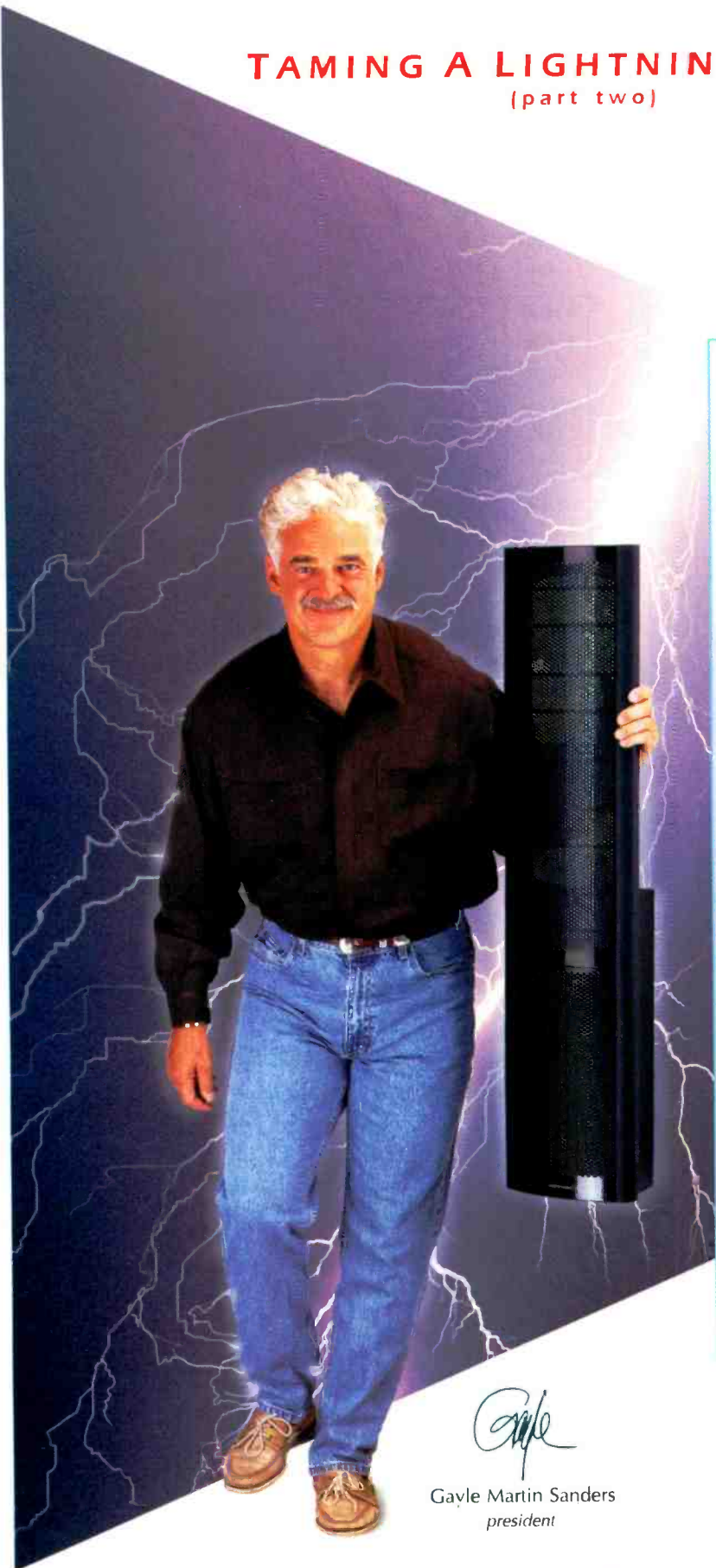
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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
EDGARHORN	System 50	Horn	No	12			1	Horn	50-20 ±5	107	500	8/6	65 x 39 x 36	Wal.		150	9000.00 Pair
	System 70	Horn	No	8	5	Horn	1/2	Horn	70-20 ±5	100	500.3k	8/6	41 x 22 x 18	Wal.		100	1800.00 Pair
	System 80	Horn	No	5	5	Horn	1/2	Horn	80-20 ±5	100	500.3k	8/6	40 x 19 x 18	Wal.	Bik. Knit	100	1200.00 Pair
	35 Horn Sub	Horn Sub.	No	18					35-200 Hz ±5	105		8/6	72 x 31 x 28	Wal.		200	3000.00 Each
E.F.A.	3	Bass Ref.	No	10	7	Cone	3/8	Dome	30-30 ±3	89	100,3.5k	8/5	42 x 12 x 14	Opt., Wood	Bik. Knit	68	3995.00 Pair
EGGLESTON-WORKS	Andra Center	Quasi Trans. Line		(2)6			1	Dome	78-24 ±3	87	3k	8/7.2	15 x 18 x 16	Gloss Blk. & Granite	Bik. Cloth	81	3900.00 Each
	Andra	Quasi Trans. Line		(2)12	(2)6	Cones	1	Dome	18-24 ±3	87	100,3k	8/5.6	15 x 18 x 38	Gloss Blk. & Granite	Bik. Cloth	210	14,900 Pair
	Rosa	Quasi Trans. Line		(2)6	(2)6	Cones	1	Dome	31-24 ±3	87	100,3k	8/6.3	10 x 18 x 38	Gloss Blk. & Granite	Bik. Cloth	210	9900.00 Pair
	Fontaine	Quasi Trans. Line		(2)6			1	Dome	55-24 ±3	87	3k	8/6.3	10 x 16 x 21	Gloss Blk. & Granite	Bik. Cloth	70	4900.00 Pair
	Isabel	Quasi Trans. Line		6			1	Dome	75-24 ±3	87	3k	8/6.5	10 x 13 x 14	Gloss Blk. & Granite	Bik. Cloth	55	2900.00 Pair
		Quasi Trans. Line		(9)12	(12)6	Cones	1	Dome	14-24 ±3	93	100,3k	5/4.5	72 x 18 x 36	Gloss Blk. & Granite	Bik. Cloth	850	97,000 Pair
		Quasi Trans. Line		(4)12	(6)6	Cones	1	Dome	16-24 ±3	91	100,3k	6/4.9	58 x 15 x 24	Gloss Blk. & Granite	Bik. Cloth	390	29,000 Pair
	Powered, Pressure-Driven Sub		No	(4)12					16-120 Hz ±3	Var.			32 x 16 x 22	Gloss Blk. & Granite	Bik. Cloth	260	4900.00 Pair
ELECTRONIC VISIONARY SYSTEMS	ST-1	Bass Ref.	No	(2)5			1	Dome	60-20 ±3	90	3.5k	4/3	40 x 9 x 10	Charcoal		45	1200.00 Pair
	ST-2	Bass Ref.	No	7	7	Cone	2	Dipole	50-20 ±3	89	800,3.5k	8/6	40 x 9 x 12	Charcoal		45	1200.00 Pair
	ST-3	Bass Ref.	No	(2)7	(2)5	Dipole Cones	(2)1	Domes	30-20 ±3	90	300,3k	4/3	43 x 12 x 17	Charcoal		90	3500.00 Pair
ELECTRO-VOICE	MS-802	Vented Sub.	No	8			1	Dome	45-18 ±3	91	2k	6/4.5	17 x 12 x 11	Oak		27	820.00 Pair
	Sb 121A	Powered Sub.	No	12					50-500 Hz ±3	95		8/6	23 x 17 x 12	Plast.	Bik. Metal	32	598.00 Each
	S-40	Vented	Yes	5 1/4			1	Dome	50-500 Hz ±3	95	125	4/3.7	23 x 17 x 12	Plast. Foam	Bik. Metal	35	1098.00 Each
	S-60	Vented	Yes	6 1/2			1	Horn-Loaded	60-18 ±3	88	2.5k	8/5	10 x 7 x 6	Plast.	Bik. Metal	6	380.00 Pair
	S-80A	Vented	Yes	8			1	Horn-Loaded	80-15 ±3	91	2k	8/5	16 x 11 x 9	Plast. & Wood	Bik. Metal	17	340.00 Each
	SX-100	Vented	No	12			1	Dome	80-25 ±3	99.5	1.5k	8/6	23 x 17 x 12	Opt., Plast.	Opt., Metal	32	692.00 Each
SX-300	Vented	No	12			1	Comp. Horn	80-25 ±3	100	1.5k	8/5	23 x 17 x 12	Opt., Plast.	Opt., Metal	39	798.00 Each	
SX-500	Horn	No	15			1	Comp. Horn	60-20 ±3	100	1.6k	8/5.2	33 x 27 x 18	Plast.	Bik. Metal	69	998.00 Each	
EMERALD PHYSICS	Sigma	Ac. Sus.	No	7			1	Dome	60-20 ±3	87		8/6	7 x 12 x 8	Bik.	None	20	800.00 Pair
EMINENT TECHNOLOGY	LFT-VI	Planar Mag.	No	321 Sq. In.	94 Sq. In.	Planar Mag.	10 Sq. In.	Planar Mag.	38-20 ±4	83	400,10k	6/4	78 x 18 x 2	Oiled Oak	Bik. Poly	90	3250.00 Pair
	LFT-VIII	Planar Mag. Hybrid	No	8	160 Sq. In.	Planar Mag.	5 Sq. In.	Planar Mag.	36-20 ±4	84	180,10k	8/6	60 x 13 x 18	Oiled Oak	Bik. Poly	60	1500.00 Pair
	LFT-11	Desktop Sats. & Sub.: Planar Hybrid	Yes	(2)6 1/2			5x7	Planar	35-25 ±4	86	200	8/6	Three Pieces	Oiled Oak	Bik.	35	599.00 Sys.; w/Amp, 699.00
	LFT-12	Ctr. Ch.; Planar	Yes	7x20			5x7	Planar	90-20 ±4	85			26 x 5 x 10	Oiled Oak	Bik.	20	899.00 Each
ENERGY	Veritas v2.8	Vented	No	(2)8	3	Cone	1	Dome	29-30 ±3	85	350,2.2k	6/4	51 x 12 x 14	Bik. Gloss	Bik. Knit	100	6000.00 Pair
	Veritas v1.8	Vented	No	8	3	Cone	1	Dome	30-30 ±3	87	400,2.2k	6/4	46 x 12 x 13	Opt.	Bik. Knit	80	4000.00 Pair
	Audissey APS5+2	Bipolar; Powered Bass	No	(2)8	(3)5 1/2	Cones	(2)1	Domes	18-25 ±3	93	90,1.8k	6/4	45 x 9 x 16	Bik. Knit	Bik. Knit	98	2500.00 Pair
	Audissey A3+2	Bipolar	No	(3)5 1/2			(2)1	Domes	30-25 ±3	91	1.8k	6/4	40 x 7 x 13	Wrap	Bik. Knit	48	1200.00 Pair
	Audissey A2+2	Bipolar	No	(3)5 1/2			(2)1	Domes	35-25 ±3	90	2k	6/4	36 x 7 x 11	Wrap	Bik. Knit	40	900.00 Pair
	e:XL28P	Powered Bass	Yes	8	6 1/2	Cone	3/4	Dome	25-22 ±3	92	90,2.2k	8/6	40 x 7 x 13	Opt.			1200.00 Pair
	e:XL26		Yes	(2)6 1/2				Dome	37-20 ±3	94	2.2k	8/6	36 x 7 x 15	Opt.	Bik. Knit	35	750.00 Pair
	e:XL25		Yes	(2)5 1/2				Dome	42-20 ±3	93	2.2k	8/6	33 x 6 x 12	Opt.	Bik. Knit	30	550.00 Pair
	e:XL16		Yes	6 1/2				Dome	50-20 ±3	91	2.2k	8/6	12 x 7 x 11	Opt.	Bik. Knit	11	300.00 Pair
	e:XL15		Yes	5 1/2			1/2	Dome	60-20 ±3	90	2.2k	8/6	10 x 6 x 9	Opt.	Bik. Knit	7	200.00 Pair
	e:XL-C		Yes	(2)4 1/2			(3)3/4	Dome	60-20 ±3	89	2.2k	8/6	6 x 17 x 9	Opt.	Bik. Knit	14	200.00 Each
	e:XL-R	Ctr. Ch.	No	(2)5 1/2			(2)3/4	Domes	80-20 ±3	90	2.2k	8/6	10 x 6 x 7	Opt.	Bik. Knit	8	350.00 Pair
	C-8	Vented	No	(2)8			1	Dome	28-25 ±3	93	1.8k	8/4	39 x 10 x 16	Opt.	Bik. Knit	64	1500.00 Pair
	C-6	Vented	No	(2)6 1/2			1	Dome	30-25 ±3	92	1.8k	8/4	36 x 10 x 15	Opt.	Bik. Knit	55	1200.00 Pair
	C-4	Vented	No	8			1	Dome	40-25 ±3	91	1.8k	8/4	33 x 10 x 12	Opt.	Bik. Knit	43	900.00 Pair
	C-2	Vented	No	6 1/2			1	Dome	35-25 ±3	91	1.8k	8/4	18 x 10 x 10	Opt.	Bik. Knit	30	600.00 Pair
	RVSS	Dipole; Vented	No	(2)5 1/4			(2)3/4	Domes	65-18 ±3	89	6/4	6/4	10 x 10 x 8	Opt.	Opt., Knit	15	550.00 Pair
	EFX	Dipole Surround	No	5 1/4			(2)2 1/4	Cones	90-12 ±3	90	6/4	6/4	10 x 10 x 6	Opt.	Bik. Knit	10	400.00 Pair
	AC-300	Ctr. Ch.	Yes	(2)5 1/2			1	Dome	40-22 ±3	93	6/4	6/4	8 x 20 x 13	Opt.	Bik. Knit	23	400.00 Each
	EC-200	Ctr. Ch.	Yes	(2)5 1/2			1	Dome	45-22 ±3	93	8/	8/	7 x 22 x 11	Opt.	Bik. Knit	22	300.00 Each
EC-100	Ctr. Ch.	Yes	(2)4 1/2			3/4	Dome	60-20 ±3	92	10/8	10/8	7 x 19 x 9	Opt.	Bik. Knit	14	200.00 Each	
Take 5/ES-8v	5 Sats. & Powered Sub.	Yes										Six Pieces				800.00 Sys.	
Take 2	Main Ch. or Sat.	Yes	3 1/2			3/4	Dome	90-22 ±3	88	2.8k	8/	7 x 4 x 5	Opt.	Opt., Cloth	3	180.00 Pair	
Take 1	Ctr. Ch.	Yes	(2)3 1/2				Dome	90-22 ±3	89	2.8k	8/	4 x 11 x 5	Bik.	Bik. Cloth	5	150.00 Each	
Baby Boomer 10.2	Powered, Pas. Rad. Sub.	No	10							Var.		12 x 12 x 12				1500.00 Each	
Baby Boomer 12.1	Powered Sub.	No	12							Var.		16 x 16 x 16				1000.00 Each	
ES-18XL	Powered Sub.	No	18							Var.		24 x 22 x 24	Bik. Gloss	Bik. Knit	155	1700.00 Each	
ES-12XL	Powered Sub.	No	12							Var.		21 x 17 x 17	Bik. Gloss	Bik. Knit	60	800.00 Each	

# TAMING A LIGHTNING STORM

(part two)



## script

Introducing the all-new **Script**, from Gayle and the gang at Martin-Logan. The **Script** is the smallest, lightest hybrid *electrostatic* available today. For the first time, the exquisite clarity of our *electrostatic* design is available in a wall-mount system that radiates elegance *and* incredible sound.

The **Script** excels in these applications:

- Front Surround
- Multi-Media
- Video
- Remote
- Rear Surround
- Satellite
- Stereo Main
- Extension

All Martin-Logan speakers utilize exclusive *electrostatic* technology that has no equal in the reproduction of sound. In the transparent upper half of the **Script**, an extremely low mass diaphragm floats between two perforated metal plates. When an audio signal is received from your amplifier, this diaphragm moves air with an unheard of degree of precision. The **Script** wrings every atom of energy out of your amplifier and projects it as a holographic field of sound you can virtually disappear into.

The **Script** also represents a breakthrough in price/performance at only \$1,495 a pair including nifty matching wall brackets.

Don't buy any speaker for your home until you've heard the **Script**—you won't believe your ears.

Gayle Martin Sanders  
president

E L E C T R O S T A T I C

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
			No	Yes	No	Yes	No	Yes									
ENERGY (Continued)	ES-12 MkII	Powered, Vented Sub.	No	12								16 x 17 x 15	Blk. Ash	Blk. Knit	45	600.00 Each	
	ES-10 MkII	Powered, Vented Sub.	Yes	10								16 x 16 x 15	Blk. Ash	Blk. Knit	42	400.00 Each	
	ES-8 MkII	Powered, Vented Sub.	No	8								16 x 10 x 11	Blk. Ash	Blk. Knit	26	300.00 Each	
	EAS-6.5 EAS-5.25R Tempest	In-Wall In-Wall Indoor/Outdoor	No No No	6½ 5¼ 5¼			1 1 ½	Dome Dome Dome	45-22 ±3 60-20 ±3 65-22 ±3	87 86 88	1.8k 2k 2.2k	6/ 6/ 8/	9 x 13 x 3 7 x 7 x 3 10 x 7 x 6	Wht. Wht. Opt.	Wht. Metal Wht. Metal Opt., Metal		400.00 Pair 250.00 Pair 300.00 Pair
ENSEMBLE	Animata Animundo	Pas. Rad. Pas. Rad. & Tuned Port	No No	5¼ 7	5¼	Cone	¾ ¾	Dome Dome	60-20 ±3 38-20 ±3	89 89	2.2k 200,2.2k	6/4 8/4	14 x 9 x 8 41 x 12 x 9	Cherry Blk.	Blk. Knit Blk. Knit	18 53	3480.00 Pair 7995.00 Pair
	Profundo Silver	Tuned Port Sub.	No	7					38-200 Hz ±3	89	200	8/4	26 x 12 x 9	Satin Blk.	Blk. Knit	35	5195.00 Pair
	PA-1 Silver	Pas. Rad.	No	5¼			¾	Dome	60-20 ±2.5	89	2.5k	6/3.6	14 x 9 x 8	Satin Blk.	Blk. Knit	19	3700.00 Pair; Bi-wire, 3890.00
	Reference Silver	Pas. Rad.	No	5¼			¾	Dome	60-20 ±2	90	2.5k	4/3.7	14 x 9 x 8	Satin Blk.	Blk. Knit	20	5800.00 Pair; Bi-wire, 5990.00
	Elysia	Pas. Rad.	No	5¼			¾	Dome	60-20 ±2	90	2.2k	4/2.2	14 x 9 x 8	Opt.	Blk. Knit	21	8495.00 Pair From 13,500 Pair
	Primadonna Gold EC Profysia	Dual Chamber, Vented Pas. Rad.; Tuned Port Bass	No	5¼	5¼	Cone	¾	Dome	38-20 ±3	90	2.4k	4/	45 x 14 x 12	Satin Blk.	Blk. Knit	82	13,500 Pair
ENTEC	L2f-20T	Powered Sub.	Yes	(2)10					18-180 Hz		Adj.		36 x 12 x 18	Blk. Gloss	Charcoal Foam	60	3895.00 Each
	L2f-20	Powered Sub.	No	(2)10					18-180 Hz		Adj.		24 x 12 x 24	Blk. Gloss	Charcoal Foam	60	5995.00 Pair w/Xover
	L2f-40	Powered Sub.	No	(4)10					12-180 Hz		Adj.		Four Pieces	Blk. Gloss	Charcoal Foam	240	9995.00 Sys. w/Xover
	L2f-120	Powered Sub.	No	(12)10					12-180 Hz		Adj.		Twelve Pieces	Blk. Gloss	Charcoal Foam	720	25,995 Sys. w/Xover
	1001	Powered Sub.	No	10					18-180 Hz		Adj.		18 x 12 x 24	Blk. Gloss	Charcoal Foam	50	2825.00 Each
	1002	Powered Sub.	No	(2)10					18-180 Hz		Adj.		24 x 12 x 24	Blk. Gloss	Charcoal Foam	60	3125.00 Each
	90	Powered Sub.	No	6			1	Dome	80-20	100		8/	40 x 8 x 8	Blk. Gloss	Blk. Metal	35	4195.00 Pair
EOSONE	RSF 1000	Dipole; Powered Woofers	No	(2)10	(2)6½, 4	Cones	(2)¾	Domes	26-22 ±3	89	80,850, 5.2k	8/3	49 x 13 x 19	Blk. Gloss	Blk. Knit	115	1250.00 Each
	RSF 600	Dipole	No	(2)8	(2)4	Cones	¾, ½	Domes	35-22	88	650,4.8k	8/3	43 x 11 x 15	Blk. Gloss	Blk. Knit	67	600.00 Each
	RSF 400	Dipole	No	8	4	Cone	¾, ½	Domes	38-22	86	400,4.7k	8/3	41 x 11 x 15	Blk. Gloss	Blk. Knit	63	475.00 Each
	RSF 200	Dipole	No	8			¾, ½	Domes	48-22	87	3.8k	8/3	19 x 9 x 12	Blk.	Blk. Knit	21	300.00 Each
	RSC 300	Ctr. Ch.; Dipole	Yes	(2)5¼			¾, ½	Domes	90-22	88	4k	8/3	7 x 17 x 16	Blk.	Blk. Knit	15	325.00 Each
	RSR 350	Surround Ch.	No	6½			(2)¾	Domes	70-22 ±3	88	4k	8/3	12 x 15 x 6	Blk.	Blk. Knit	17	500.00 Pair
	RSP 912	Powered Sub.	No	12					28-150 Hz				19 x 17 x 16	Blk. Gloss	Blk. Knit	60	850.00 Each
	RSS 705	5 Dipole Sats. & Powered Sub.	Yes	10	(5)4	Cones	(2)½	Domes	32-20	86	100,4k	8/	Six Pieces	Opt.	Opt.	61	1295.00 Sys.
RSS 702	Dipole Sats. & Powered Sub.	Yes	10	(2)4	Cones	(2)½	Domes	32-20	86	100,4k	8/	Three Pieces	Opt.	Opt.	54 Sys.	895.00 Sys.	
EPOS	ES 12	Inf. Baf.	No	6			1	Dome	60-20	88		8/	15 x 8 x 10	Opt., Cherry	Blk. Foam	19	1095.00 Pair
	ES 15	Inf. Baf.	No	6		Cone	1	Dome	20-20	88		8/6	31 x 8 x 10	Opt., Cherry	Blk. Foam	30	1895.00 Pair
	ES 22	Inf. Baf.	No	6	6	Cone	1	Dome	38-22	87		6/	34 x 8 x 10	Opt., Cherry	Blk. Foam	37	2495.00 Pair
	ES 30	Inf. Baf.	No	8	6	Cone	1	Dome	25-22	88		6/	35 x 9 x 14	Opt., Wood	Blk. Foam	59	3995.00 Pair
ESSENCE	Topaz 2	Trans. Line		7			1	Dome	34-20 ±2	89	2k	8/6	10 x 15 x 42	Opt.	Opt.	100	2850.00 Pair
	Topaz 5	Trans. Line		7	2		1	Dome	34-20 ±2	89	1k,2k	8/6	10 x 15 x 50	Opt.	Opt.	140	12,500 Pair
	Topaz Subwoofer	Trans. Line Sub.		12					22-100 Hz ±2	89	40-100	8/6	14 x 18 x 50	Opt.	Opt.	160	6850.00 Pair
	Amethyst 10A Reference	Trans. Line		11	6,1½	Cone, Dome	1,¾	Domes	24-24 ±2	89	120,1k,2k, 6.5k	8/6	15 x 24 x 52	Opt.	Opt.	240	39,850 Pair
ETHERA SPEAKERS	VITAE	Vented	No	8			1	Dome	35-30	88.5	2k	8/6	16 x 21 x 12 (Hexagon)		Blk. Cloth	30	3900.00 Pair w/Stands
	FIDELUS	Slot-Loaded Port Sub.		9 12	5	Cone	1¼	Dome	30-22 ±3 16-100 Hz ±3	88 90	250, 6.5k External	8/5 8/4	13 x 14 x 48 22 x 22 x 48	Oiled Oak Oiled Oak	Opt. None	80 185	2295.00 Pair 1795.00 Each
FINAL	0.3	Hybrid Electrostatic	No	6¼				ES	35-40 ±6	88	400	6/2.8	48 x 11 x 16	Beech	Blk.	36	2600.00 Pair
	0.4	Hybrid Electrostatic	No	6¾				ES	43-40 ±6	85	280	6/2.8	65 x 16 x 16	Opt.	Blk.	44	4950.00 Pair
	1.2	Electrostatic	Yes			ES			40-20 ±6	82		6/1.8	79 x 16 x 12	Opt.	Blk.	66	7900.00 Pair
	1.4	Electrostatic	Yes						35-40 ±6	86		6/2.8	79 x 20 x 12	Opt.	Blk.	77	9880.00 Pair
FLATTE DESIGN	Flatte 1	On-Wall; Sealed	No	5			3	Cone	60-19 ±6	84	250	8/6	18 x 24 x 2	Cloth & Wood	Opt., Knit	20	695.00 Pair
	Flatte Center	Ctr. Ch.; Sealed	Yes	5			3	Cone	70-19 ±6	84	250	8/6	18 x 6 x 2	Cloth & Wood	Opt., Knit	20	325.00 Each
	Flatte Sub 0.1	Powered, Sealed Sub.	No	(2)5					25-80 Hz ±6	89	80	4/3	18 x 24 x 3	Cloth & Wood	Opt., Knit	30	750.00 Each
FOCUS AUDIO	FS 68	Bass Ref.	No	5½			1	Dome	45-22 ±3	85	2k	8/8	13 x 7 x 10	Piano Blk.	Blk. Knit	20	2035.00 Pair
	FS 78	Bass Ref.	No	7			1	Dome	35-22 ±3	87	2k	8/8	38 x 9 x 9	Piano Blk.	Blk. Knit	50	3630.00 Pair
	FS 88	Bass Ref.	No	11	7	Cone	1	Dome	22-25 ±3	89	100,2k	8/4	38 x 9 x 12	Piano Blk.	Blk. Knit	120	8800.00 Pair
GABRIEL SPEAKERS	Gabriel	Ported, Time Aligned	No	12	5	Cone	1	Dome	30-20 ±3	92	500,5k	8/6	39 x 15 x 12	Opt., Wood	Blk. Knit	60	950.00 Pair
GALANTE AUDIO	Buckingham	Vented	No	15			1	Compr. Horn	45-20 ±3	100	1.5k	8/7.5	40 x 19 x 20	Opt., Wood Ven.	Blk. Knit	97	7500.00 Pair
	Bedminster	Vented	No	12			1	Compr. Horn	55-20 ±3	99	1.5k	8/7	36 x 16 x 18	Opt., Wood Ven.	Blk. Knit	60	4500.00 Pair

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS										SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$						
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type	Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB		Crossover Frequencies, Hz									Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
										Yes	No															
ANTHONY GALLO ACOUSTICS	Nucleus Solo	Sphere Spheres	Yes	6½					Cyl.	32-20 ±3	90		4/3	12 Dia.	Alum.		15	2495.00 Pair								
	Nucleus Reference	Spheres	Yes	(2)6½					Cyl.	28-20 ±3	92		8/6	(2)12 Dia.	Alum.		21	3995.00 Pair								
	Nucleus Reference II	2 Sat. Spheres & Sub.	Yes	8			3			32-20 ±3	88	100	8/6	(2)12 Dia.	Alum.	Steel	52	5500.00 Pair								
GEKKO	Home Theater System	5 Sealed Panel Sats. & Shielded, Powered Sub.		10	5¼	Cone		Planar	30-15 ±3	86	100,2.5k	4/3.5	Six Pieces	Blk.	Opt., Knit		50	1990.00 Sys.								
	GK-1114 Servo-Control Subwoofer	Flat Panel; Sealed Powered Sub.	No	5¼				Planar	100-15 ±3	86	100,2.5k Var.	4/3.5	15 x 12 x 2	Blk.	Opt., Knit		6	299.00 Each								
GENELEC	1029A	Powered	Yes	5			¾	Dome	70-18 ±2.5	100 Max.	3.3k		10 x 6 x 8	Blk. Alum.		13	535.00 Each									
	1030A	Powered	Yes	6½			¾	Dome	55-18 ±2.5	105 Max.	3.5k		12 x 8 x 10	Blk. Vinyl		17	1099.00 Each									
	1031A	Powered	Yes	8			1	Dome	48-22 ±2.5	110 Max.	2.2k		16 x 10 x 12	Blk. Birch	Blk. Knit	28	2099.00 Each									
	1032A	Powered	Yes	10			1	Dome	42-21 ±2.5	113 Max.	1.8k		20 x 13 x 12	Blk. Birch	Blk. Knit	48	2499.00 Each									
	S30C	Powered	No	8	3½	Cone	2½	Ribbon	43-25 ±2.5	111 Max.	420,4k		20 x 13 x 12	Blk. Birch	Blk. Knit	44	2799.00 Each									
	1037B	Powered	No	12	5	Cone	1	Dome	37-21 ±2.5	116 Max.	420,3.2k		27 x 16 x 15	Blk. Birch	Blk. Knit	82	4749.00 Each									
	1038A	Powered	No	15	5	Cone	1	Dome	35-20 ±2.5	120 Max.	410,3k		32 x 19 x 17	Blk. Birch	Blk. Knit	130	6999.00 Each									
	1038AC	Ctrl. Ch.; Powered	Yes	(2)10	5	Cone	1	Dome	35-20 ±2.5	120 Max.	410,3k		14 x 36 x 18	Blk. Birch	Blk. Knit	145	7499.00 Each									
	1092A	Powered Sub.	No	(2)8						33-80 Hz ±2.5	115 Max.		24 x 13 x 20	Blk.		66	2149.00 Each									
1094A	Powered Sub.	No	15						29-80 Hz ±2	120 Max.		29 x 18 x 25	Blk.		110	3799.00 Each										
GENESIS TECHNOLOGIES	Genesis 200 (w/remote)	Dipole & Powered Sub.		(8)8	48	Ribbon	(15)1	Ribbons	16-36 ±2	91	91,3.8k	4/4	Two Pieces Per Side	Rswd.	Blk.	650	40,000 Sys.									
	Genesis 300 (w/remote)	Dipole; Powered Woofers		(6)8	48	Ribbon	(4)1	Ribbons	16-36 ±3	90	91,4.2k, 8.1k	4/4	72 x 21 x 14	Rswd.	Blk.	600	w/Servo Amp 30,000 Pair									
	Genesis 700	Ctrl. Ch.; Dipole Tweeter	Yes	(2)6½			(2)1	Ribbons	48-36 ±3	87	8.1k, 3.6k	4/3	22 x 11 x 13	Opt.	Blk.	55	w/Servo Amp From 3000.00 Pair									
	Genesis 900 (w/remote)	Powered Servo Sub.	No	15					16-120 Hz ±2		70-120 (Var.)	4/4	20 x 22 x 20	Opt.	Blk.	85	From 2500.00 Each									
	Genesis I.1 (w/remote)	Dipole & Powered Sub.	Yes	(6)12	60	Ribbon	(26)1	Ribbons	16-31 ±2	92	85,4.2k	4/4	Two Pieces Per Side	Rswd.	Blk.	1250	125,000 Sys.									
	APM-1	Dipole; Powered Woofer	Yes	15	(2)6½, 5	Cones	(2)1	Ribbons	20-36 ±3	90		4/4	65 x 11 x 25	Cherry	Blk.	Side 240	w/Servo Amp 9500.00 Pair									
	APM-2	Dipole; Powered Woofer	Yes	12	(2)6½	Cones	(2)1	Ribbons	25-36 ±3	90		4/4		Cherry	Blk.		7500.00 Pair									
	G-928	Dipole; Powered Sub.	No						20-120 Hz ±2					Opt.	Blk.		1500.00 Each									
	G-380	Dipole; Powered Woofers		(2)12	(2)6½, 12	Cones, Ribbon	(4)1	Ribbons	20-36 ±3			4/4	72 x 17 x 22	Rswd.	Blk.		18,000 Pair									
G-350 (w/remote)	Dipole; Powered Woofers		(4)8	48	Ribbon	(4)1	Ribbons	16-36 ±3	90	91,4.2k, 8.1k	4/4		Rswd.	Opt.		25,000 Pair										
G-500	Dipole; Powered Woofers		(3)8	6½, 5	Cones	(2)1	Ribbons	20-36 ±3	89	85,300, 3.6k	4/4	40 x 11 x 20	Rswd.	Blk.	125	11,500 Pair										
GERMAN PHYSIKS	Windspiel	Omni; Ported	Yes	8			1	Omni	32-19	85	150	4/	10 x 10 x 46	Opt.		55	7980.00 Pair									
	Movie One	Omni; Ported	Yes	8			1	Omni	27-19	88	150	4/	10 x 10 x 47	Opt.		60	9970.00 Pair									
	Borderland	Ported	Yes	(2)8			1	Omni	25-19	88	150	4/	13 x 13 x 47	Opt.		80	14,970 Pair									
	Movie One (5 + 1)	Ported; 5 Sats. & Sub.	Yes	(8)15			1	Omni	18-19	88	150	4/	Six Pieces	Opt.		370	30,910 Sys.									
Tie Break (w/remote)	Omni; Ported	Yes	(4)12	(8)7		(4)	Omni Array	18-19	90	80,150	4/	55 x 55 x 78	Opt.	Blk. Knit	1000	w/Active Xover 100,000 Pair w/Active Xover										
GERSHMAN ACOUSTICS	GA-P 520-X	Time Coherent	Opt.	10	5¼	Cone	1	Dome	22-24 ±3	88	250,1.5k	8/5	15 x 15 x 56	Opt., Lacq.	Opt.	125	9495.00 Pair									
	Avant Garde	Time Coherent	Opt.	8	5¼	Cone	1	Dome	24-24 ±3	87	350,1.8k	8/5	12 x 12 x 36	Opt., Lacq.	Opt.	75	4295.00 Pair									
	RX-20	Time Coherent	Opt.	8			1	Dome	30-24 ±3	87	1.6k	8/6	12 x 12 x 36	Opt., Lacq.	Opt.	70	3695.00 Pair									
Enigma 500-X	Omni	Opt.	8			1	Dome	28-24 ±3	88	1.5k	8/6	13 x 10 x 36	Opt., Lacq.	Opt.	55	1995.00 Pair										
Specter X-1	Ported	Yes	6			1	Dome	24-37 ±3	88		8/	14 x 9 x 15 (Pyramid)	Opt., Wood	Blk. Knit	35	1599.00 Pair										
GERTNER AUDIO	Celtech 3096E	Angled Port	No	12,10			1½	Dome	24-20 ±5	96		8/8	16 x 18 x 50	Opt.	Opt.	150	4800.00 Pair									
	Celtech 1596	Angled Port	No	10			1½	Dome	30-20 ±5	96	2k	8/8	14 x 14 x 32	Opt.	Blk. Knit	62	2150.00 Pair									
	Celtech 1091	Angled Port	No	8			1½	Dome	35-20 ±5	91	2k	8/8	13 x 12 x 24	Opt.	Blk. Knit	40	1395.00 Pair									
	Celtech RS-100	Dipole Surround	No	(2)5¼			(2)¾	Domes	65-20 ±5	90	4.5k	6/	7 x 8 x 13	Cherry	Blk. Knit	10	525.00 Pair									
Celtech CS-100	Ctrl. Ch.	Yes	(2)5¼			1	Dome	58-20 ±5	88	3.2k	6/	20 x 80 x 7	Cherry	Blk. Knit	14	365.00 Each										
GOLDMUND	Epilogue 1	Sub.	Yes	7			1½	Dome	34-23 ±3	90	4k	6/4	14 x 9 x 16	Metal	Blk. Knit											
	Epilogue 2	Powered Sub.	Yes	(4)10						90	160	6/4	19 x 14 x 28	Metal	Blk. Knit											
	Epilogue 3	Powered Sub.	Yes	(10)10						40/50	40/50	6/4	28 x 20 x 28	Metal	Blk. Knit											
GOLD SOUND	#1 AV Kit	Ctrl. Ch.	Yes	(2)6½	4	Cone	1	Dome	39-20 ±3	92	400,4k	4/ or 8/	10 x 22 x 9	Opt.	Blk. Knit	34	399.00 Each									
	(Continued) S.E. Kit	Vented	No	(2)10			5x5	Horn	69-20	104	4k	8/	25 x 14 x 11	Opt.	Blk. Knit	42	1998.00 Pair									

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS					Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches										Tweeter Type
GOLD SOUND (Continued)	Kit #.9AV	Symmetrical Array	Yes	(2)6½			1	Dome	41-20 ±3	92	3k	4/ or 8/	10 x 22 x 9	Opt.	Blk. Knit	26	Kit, 229.00 Each
	Kit #Dynaudio A	Sat.	Opt.	5			¾	Dome	67-22 ±3	89	3k	4/ or 8/	12 x 8 x 7	Opt.	Opt.	12	Pair Kit, 529.00
	Kit #Dynaudio B	Sat.	Opt.	6			1	Dome	58-22	89	3k	4/ or 8/	16 x 10 x 8	Opt.	Opt.	14	Pair Kit, 699.00
	Kit #Dynaudio C	Symm. Array	Opt.	(2)6			1	Dome	54-22	92	3k	4/ or 8/	22 x 12 x 10	Opt.	Opt.	20	Pair Kit, 999.00
	Kit #.2	Sealed		5¼			¾	Dome	68-20 ±3	91	3k	4/ or 8/	12 x 8 x 7	Opt.	Brown Knit	9	Pair Kit, 139.00
	Kit #.6	Sealed		6½			1	Dome	58-20 ±3	92	3k	4/ or 8/	16 x 10 x 8	Opt.	Opt.	12	Pair Kit, 179.00
	Kit #.8	Symm. Array		(2)4½			1	Dome	61-20 ±3	89	3k	4/ or 8/	16 x 8 x 7	Opt.	Opt.		Pair Kit, 399.00
	Kit #294	Vented		8	4	Cone	1	Dome	37-30 ±3	91	200.4k	4/ or 8/	19 x 12 x 10	Opt.	Opt.	18	Pair Kit, 499.00
	Kit #394	Vented		12	5¼	Cone	1	Dome	36-30 ±3	90	200.3k	4/ or 8/	25 x 14 x 11	Opt.	Opt.	35	Pair Kit, 549.00
	Kit #494	Vented; Symm. Array		10	(2)4½	Cones	1	Dome	25-30 ±3	93	70,250.3k	4/ or 8/	37 x 14 x 11	Opt.	Opt.	64	Pair Kit, 649.00
	Kit #594	Vented; Symm. Array		12	(2)6	Cones	1	Dome	32-30 ±3	90	90.3k	4/ or 8/	37 x 14 x 11	Opt.	Opt.	79	Pair Kit, 699.00
	Kit #695	Vented; Symm. Array		12	(2)6½	Cones	1	Dome	32-30	90	90.3k	4/ or 8/	37 x 14 x 11	Oak	Opt.	98	Pair Kit, 1199.00
	Kit #794	Vented; Symm. Array		(2)10	(2)6½	Cones	1	Dome	28-35 ±3	93	50,200.3k	4/ or 8/	37 x 14 x 11	Opt.	Opt.	116	Pair Kit, 1399.00
	Kit #1194	Vented		15	8	Cone	5x5	Horn	28-21 ±3	93	300.5k	4/ or 8/	44 x 18 x 14	Opt.	Opt.	109	Pair Kit, 1899.00
	Kit #1494	Vented		18	10, 8x10 (2)6½	Cone, Horn	5x5	Horn	25-21 ±3	95	150.1,2k, 5k	8/	46 x 29 x 19	Opt.	Opt.	196	Pair Kit, 3399.00
	GS 1095	Vented		15	(2)6½	Cones	1	Dome	28-25 ±3	93	200.3k		18 x 44 x 14	Opt.	Blk. Knit	105	Pair From, 1699.00
	GS 995	Vented		15	8	Cone	1	Dome	28-25 ±3	93	300.4k		18 x 44 x 14	Opt.	Blk. Knit	103	Pair From, 1389.00
	GS 9	Vented		15	6½	Cone	1	Dome	35-25 ±3	93	300.4k		16 x 28 x 17	Opt.	Blk. Knit	68	Pair From, 989.00
	Performance Pro 15 Kit	Vented		15	7	Cone	8x10, 3x7	Horns	45-21 ±3	96	400.5k	4/ or 8/	44 x 18 x 14	Opt.	Blk. Metal	70	Kit, 699.00 Each
	Performance Pro Double 15 Kit	Vented		(2)15	7	Cone	8x10, (2)3x7	Horns	43-21 ±3	98	400.5k	4/ or 8/	46 x 24 x 21	Opt.	Blk. Metal	120	Kit, 1049.00 Each
	Performance Pro 12JBL Kit	Sealed		12			3x7	Horn	45-21 ±3	95	3k	4/ or 8/	20 x 16 x 15	Opt.	Blk. Metal		Kit, 379.00 Each
	Performance Pro 12 Kit	Sealed		12			3x7	Horn	50-21 ±3	95	3k	4/ or 8/	20 x 16 x 15	Opt.	Blk. Metal	40	Kit, 144.00 Each
	M15JBL	Sealed		15	7	Cone	3x7	Horn	39-21 ±3	97	500.5k	4/ or 8/	30 x 17 x 14	Opt.	Blk. Metal	62	Kit, 879.00 Each
	M15 Kit	Sealed		15	7	Cone	3x7	Horn	45-21 ±3	95	500.5k	4/ or 8/	30 x 17 x 14	Opt.	Blk. Metal	57	Kit, 419.00 Each
	Performance Pro 15JBL Kit	Vented		15	7	Cone	8x10, 3x7	Horns	39-21 ±3	98	400.5k	4/ or 8/	44 x 18 x 14	Opt.	Blk. Metal	80	Kit, 979.00 Each
	Performance Pro Double 15JBL Kit	Vented		(2)15	7	Cone	8x10, (2)3x7	Horns	38-21 ±3	100	400.5k	4/ or 8/	46 x 24 x 21	Opt.	Blk. Metal	130	Kit, 1549.00 Each
	Performance Pro Double 18JBL Kit	Vented		(2)18	10	Cone	8x10, 5x5	Horns	29-21 ±3	101	200.2k, 10k	4/ or 8/	Two Pieces Per Side	Opt.	Blk. Metal	280	Kit, 2199.00 Each
	Baby Boomer 1	Sub.		8					32-150 Hz	88	40-180 (Adj.)	4/ or 8/	12 x 12 x 12	Opt.	Blk. Metal	38	Kit, 98.00 Each; Amp Opt. Kit, 198.00 Each; Amp Opt. Kit, From 149.00 Each
	Baby Boomer 2	Sub.		(2)8					29-150 Hz ±3	92	Opt.	4/8	18 x 18 x 16	Opt.	Opt.	48	Kit, From 598.00 Each
	GS12 Sub Kit	Sub.		12					24-150 Hz ±3	92	40-180 (Adj.)		18 x 18 x 16	Opt.	Opt.	69	Kit, From 299.00 Each
	GS12 Power Sub Kit	Powered Sub.		12					28-150 Hz ±3	93	Opt.	4/8	44 x 18 x 14	Opt.	Opt.	88	Kit, From 299.00 Each
	GS15 Sub Kit	Sub.		15					23-150 Hz ±3	93	40-180 (Adj.)		44 x 18 x 14	Opt.	Opt.	108	Kit, From 798.00 Each
	GS15 Power Sub Kit	Powered Sub.		15					27-150 Hz ±3	93	Opt.	/8	44 x 18 x 14	Opt.	Opt.	94	Kit, From 399.00 Each
	GS/JBL15 Sub Kit	Sub.		15					22-150 Hz ±3	93	40-180 (Adj.)		44 x 18 x 14	Opt.	Opt.	114	Kit, From 849.00 Each
	GS/JBL15 Power Sub Kit	Powered Sub.		15					25-150 Hz ±3	95	Opt.	/8	29 x 46 x 19	Opt.	Opt.	32	Kit, 579.00 Each
	GS/JBL18 Sub Kit	Sub.		18					19-150 Hz ±3	95	40-180 (Adj.)		29 x 46 x 19	Opt.	Opt.	52	Kit, 1098.00 Each
	GS/JBL18 Power Sub Kit	Powered Sub.		18					45-20 ±3	90	2k	4/8	9 x 9 x 3	Wht.	Wht. Knit	9	Pair, 369.00
	GS 6AC	In-Wall		6½			2	Cone	49-20 ±3	90	4k	4/8	9 x 9 x 3	Wht.	Wht. Knit	15	Pair, 299.00
	GS 6C	In-Wall		6½			1¼	Dome	40-25 ±3	92	4k	4/ or 8/	11 x 11 x 3	Wht.	Wht. Knit	10	Pair, 399.00
	8AC	In-Wall		8			2	Cone	32-20 ±3	92	3k	4/ or 8/	11 x 11 x 3	Wht.	Wht. Knit	18	Pair, 599.00
8 Neo CX	In-Wall		8			1	Dome	29-20 ±3	92	3k	8/	11 x 11 x 4	Wht.	Wht.	14	Pair, 219.00	
6 Neo CX	In-Wall		6½			1	Dome	32-20 ±3	92	3k	4/ or 8/	9 x 9 x 4	Wht.	Wht. Knit	16	Pair, 219.00	
824	In-Wall; Sub.		8					32-2 ±3	92		4/ or 8/	11 x 11 x 3	Wht.	Wht. Knit	16	Pair, 289.00	
844	In-Wall; Sub.		8					30-2 ±3	92		4/ or 8/	11 x 11 x 3	Wht.	Wht. Knit	24	Pair, 289.00	





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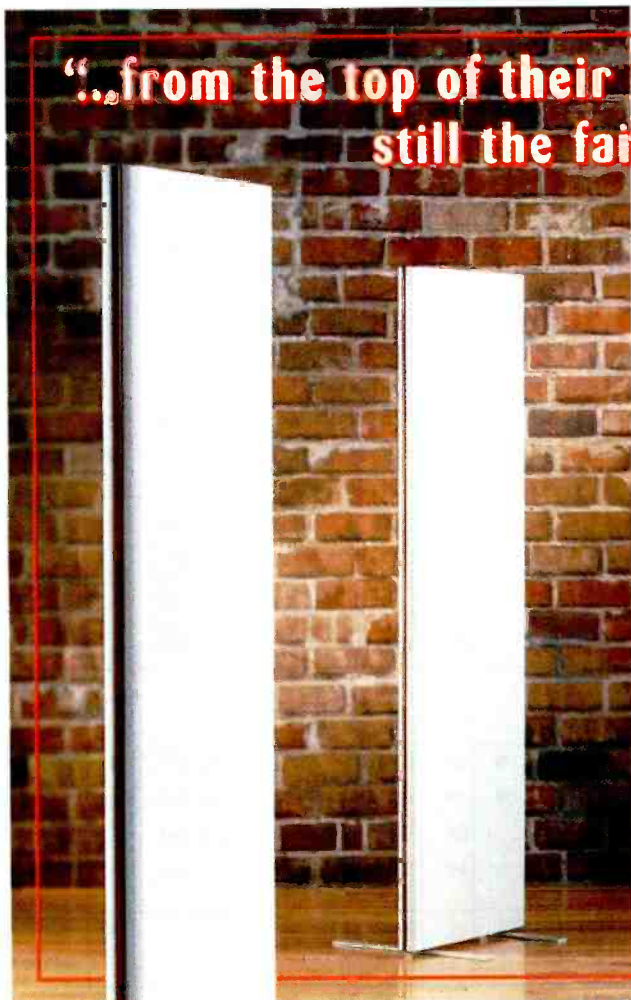
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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
GRADIENT	Intro Revolution	Bass Ref. Cardioid Point Source; Dipole Woofer	No	6½	6¾	Cone	1	Dome	60-20 ±2	86	2.8k	8/6	33 x 8 x 9	Cherry	Blk. Knit	22	1500.00 Pair
	Evidence	Cardioid Point Source; Bass Ref. Line Source; Dipole Midrange; Bass Ref.	No	8	6¾	Cone	1	Dome	30-20 ±2	86	200,2.8k	6/5	39 x 14 x 12	Blk. Lacq.	Blk. Knit	50	3995.00 Pair
	1.3	Cardioid Point Source; Bass Ref. Line Source; Dipole Midrange; Bass Ref.	No	8	12	Cone	(4)1½	Cones	45-20 ±2	86	250,1.5k	4/3.5	35 x 8 x 12	Cherry	Blk. Knit	50	2995.00 Pair
	Avanti	Bass Ref.	No	8	12	Cone	(4)1½	Cones	45-20 ±2	86	250,1.5k	4/3.5	38 x 15 x 11	Opt.	Opt.	25	2195.00 Pair
	CC-1 DS-1	Ctr. Ch.; Coaxial Dipole	Yes	7			1	Dome	60-22 ±2	86	3k	8/	20 x 10 x 12	Opt.	Blk. Foam	10	1195.00 Pair
GREEN MOUNTAIN AUDIO	Contura	Biamped	No	15	8,4	Cones	1½, ½x2	Dome, Ribbon	27-30 +0.5,-3	90	80,320,3k, 9k	6/4	60 x 24 x 28	Opt.	Blk. Knit	240	
	Diamante III	Trans. Line	No	8	4	Cone	1½	Dome	30-20 ±2	86	200,2.8k	6/4	35 x 8 x 12	Cherry	Blk. Knit	50	2995.00 Pair
	Continuum 2	Ported	No	12	5¼	Cone	1½	Dome	45-20 ±2	86	200,2.8k	6/4	35 x 8 x 12	Cherry	Blk. Knit	50	2995.00 Pair
	Continuum 1	Sealed	No	10	4½	Cone	1½	Dome	45-20 ±2	86	250,1.5k	4/3.5	38 x 15 x 11	Opt.	Opt.	25	2195.00 Pair
	Continuum 0.5	Ported	Yes	6			1½	Dome	60-22 ±2	86	3k	8/	20 x 10 x 12	Opt.	Blk. Foam	10	1195.00 Pair
	Continuum 12 SW	Ported Sub.	No	12					80-20 ±2.5	87	2.8k	8/6	21 x 8 x 7	Opt.	Opt., Knit	14	799.00 Each
REUBEN GUSS ENTERPRISES	Custom Monitor System 1	Sats. & Inf. Baf.	No	(24)15	(48)5	Domes	(32)1, (100)3	Domes, Piezos	10-35 ±3	98	400,460, 950,3.5k,4k	6/4	Six Pieces	Opt.	Blk. Knit	2200	100,000 Sys.
	Monitor System 2	Sats. & Inf. Baf.	No	(12)15	(24)5	Domes	(16)1, (50)3	Domes, Piezos	15-35 ±3	98	400,560, 950,3.5k,5k	6/4	Four Pieces	Opt.	Blk. Knit	1100	50,000 Sys.
	Symphony System 3	Sats. & Inf. Baf.	No	(4)15	(6)5	Domes	(4)1, (5)3	Domes, Piezos	18-35 ±3	96	400,560, 950,3.5k,5k	4/3	Four Pieces	Opt.	Blk. Knit	355	18,000 Sys.
	Concerto System 4	Sats. & Inf. Baf.	No	(4)12	(6)5	Domes	(12)3, (4)1	Domes, Piezos	20-30 ±3	92	400,560, 950,3.5k,5k	4/3	Four Pieces	Opt.	Blk. Knit	350	14,000 Sys.
	Sonata System 5	Inf. Baf.	No	(2)12	(2)5	Domes	(8)3, (2)1	Domes, Piezos	25-30 ±3	88	460,3.5k	8/6	15 x 25 x 11	Mahogany	Blk. Knit	70	6000.00 Pair
	Monitor System 6	Inf. Baf.	No	(2)15	(2)5	Domes	(6)3, (2)1	Domes, Piezos	20-30 ±3	88	460,4k	5/4	18 x 29 x 15	Mahogany	Blk. Knit	100	7500.00 Pair
	System 7	Inf. Baf.	No	(2)10	(2)5	Domes	(6)3, (2)1	Domes, Piezos	30-30 ±4	88	450,4k	8/6	15 x 25 x 11	Oak	Blk. Knit	60	5000.00 Pair
HAFLE	Studio Reference Monitor	Powered	Yes	8			1	Dome	38-30 ±4	88	450	8/6	10 x 15 x 7	Oak	Blk. Knit	18	2400.00 Pair
HALES DESIGN GROUP	Revelation Zero	Powered Sub.		(2)12					45-21 ±2		2.5k		16 x 10 x 13	Blk. Textured		35	995.00 Each
	Revelation One	Bass Ref.		6½			1	Dome	19-200 Hz +0,-3					Opt.	Blk. Knit		1495.00 Each
	Revelation Two	Sealed		8	4½	Cone	1	Dome	40-26	86		8/6	15 x 7 x 13	Opt.	Blk. Knit	26	995.00 Pair
	Revelation Three	Sealed		10	4½	Cone	1	Dome	28-26	87		6/4	36 x 10 x 13	Opt.	Blk. Knit	67	1695.00 Pair
	Revelation Center	Main or Center Ch.	Yes	(2)6½	4½	Cone	1	Dome	23-26	87		4/3	40 x 11 x 14	Opt.	Blk. Knit	96	2195.00 Pair
	Transcendence One			6½			1	Dome	50-26	88		6/4	8 x 20 x 16	Opt.	Blk. Knit	31	995.00 Each
	Transcendence Two			8			1	Dome	46-26	86		4/4	15 x 7 x 13	Opt.	Blk. Knit	25	1990.00 Pair
	Transcendence Three			8	5¼	Cone	1	Dome	28-26	88		4/4	36 x 10 x 17	Opt.	Blk. Knit	87	4490.00 Pair
	Transcendence Five			10	5¼	Cone	1	Dome	23-26	88		4/4	40 x 11 x 17	Opt.	Blk. Knit	106	5990.00 Pair
	Transcendence Eight			(2)10	5¼	Cone	2	Ribbon	22-26	91			48 x 12 x 21	Opt.	Blk. Knit	152	
HARMONIC PRECISION	Echelon II	Bass Ref.	No	8	2	Dome	1	Dome	40-26	86				Opt.	Blk. Knit		
	Caravelle		No	6½			1	Dome	35-21	91	1.5k,7k	12/10	11 x 14 x 45	Oak & Blk.	Blk. Knit	69	2495.00 Pair
	Alfa		Yes	6½			¾	Dome	41-21	87	2.6k	8/7	9 x 13 x 18	Oak & Blk.	Blk. Knit	34	1095.00 Pair
HARRISON LABORATORIES	PM3	Powered	No	8,6	4	Cone	1¾	Piezo	45-22	88	3k	8/6	9 x 12 x 13	Blk. Ash	Blk. Knit	16	460.00 Pair
	PM6	Powered	No	8	(2)4	Cones	1¾	Piezo	30-20 ±4		100,2.5k, 3.5k	4/2	5 x 9 x 30	Opt.		25	499.00 Each
HARTLEY PRODUCTS	Reference Tower	Air Column	No	(4)6½			(4)1	Domes	30-20 ±4		50,300, 2.5k,3.3k	4/2	5 x 9 x 42	Opt.		38	999.00 Pair
	Concertmaster	Inf. Baf.	No	18	10	Cone	(2)7	Cones	30-20 ±4					Opt.	Blk. Knit	100	2000.00 Pair
	Reference SW-10	Inf. Baf. Sub.	No	24			(2)7	Cones	24-25 ±3	95	3.6k	5/4	18 x 18 x 45	Opt., Wood	Blk. Knit	175	8000.00 Pair
	SW-18	Inf. Baf. Sub.	No	10					16-25 ±4	92.5	125,3k,8k	8/5	29 x 18 x 42	Opt., Wood	Blk. Knit	300	9500.00 Pair
HARTLEY PRODUCTS	SW-18	Inf. Baf. Sub.	No	18					25-3.8 ±3	93	125,3k,8k	8/6	18 x 18 x 24	Opt., Wood	Blk. Knit	70	750.00 Each
	SW-24	Inf. Baf. Sub.	No	24					16-350 Hz ±4	92.5		5/4	29 x 18 x 42	Opt., Wood	Blk. Knit	150	1500.00 Each
								16-250 Hz ±3	93		5/4	36 x 24 x 50	Opt., Wood	Blk. Knit	250	2000.00 Each	

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
HEYBROOK HI-FI	Prima	Bass Ref.	Yes	5			¾	Dome	60-20 ±3	87	4k	6/5	12 x 7 x 6	Opt., Vinyl	Blk. Knit	7	
	Prima Center	Bass Ref.	Yes	(2)5			½	Dome	65-20 ±3	92	4k	4/3	6 x 16 x 8	Opt., Vinyl	Blk. Knit	11	
	Optima	Bass Ref.	No	6½			¾	Dome	45-20 ±3	90	4k	6/5	30 x 9 x 11	Opt., Vinyl	Blk. Knit	25	
	Ultima	Bass Ref.	No	(2)6½	6½	Cone	1	Dome	38-20 ±3	89	300, 3.5k	6/4,5	36 x 9 x 11	Opt., Vinyl	Blk. Knit	37	
	Heylette	Bass Ref.	No	6			¾	Dome	70-20 ±3	88	3.5k	6/4,5	12 x 8 x 9	Opt., Wood	Blk. Knit	12	
	Heylios	Bass Ref.	No	7			1	Dome	50-20 ±3	88	3.2k	6/4	14 x 10 x 11	Opt., Wood	Blk. Knit	15	
	Heylo	Bass Ref.	No	8			1¼	Dome	50-20 ±3	88	4.5k	8/5	30 x 10 x 8	Opt., Wood	Blk. Knit	20	
	Quartet	Bass Ref.	No	6½			1	Dome	52-20 ±3	90	3.6k	8/6	16 x 10 x 9	Opt., Wood	Blk. Knit	20	
	Sextet	Bass Ref.	No	7	5	Cone	1½	Planar	35-22 ±3	89	200.4k	6/4	35 x 11 x 8	Opt., Wood	Blk. Knit	40	
	Octet	Bass Ref.	No	(2)6½	5	Cone	1½	Piezo	37-25 ±3	92	350.5k	6/4	38 x 10 x 11	Opt., Wood	Blk. Knit	44	
	Tempest Center	Ctr. Ch.; Bass Ref.	Yes	(2)5			¾	Dome	65-20 ±3	92	4k	4/3	16 x 6 x 9	Opt., Wood	Blk. Knit	11	
	Tempest Front	Main Ch.; Bass Ref.	Yes	(2)5			¾	Dome	65-20 ±3	92	4k	4/3	16 x 6 x 9	Opt., Wood	Blk. Knit	11	
	Tempest Rear	Surround Ch.; Inf. Baf.	Yes	5			¾	Dome	70-20 ±3	89	4k	6/4	12 x 10 x 5	Opt., Wood	Blk. Knit	6	
	Tempest Active Sub.	Powered Bass Ref. Sub	Yes	(2)7					To 250 Hz				20 x 10 x 14	Opt., Wood		25	
	HSU RESEARCH	HRIBR	Bass Ref. Sub.	No	(16)18					10-100 Hz ±1	28-155			16 Pieces	Opt.	Blk. Knit	2400 Sys.
VTF-1		Powered, Pas. Rad. Sub.	Yes	(3)12					17-100 Hz ±1	28-155			15 x 18 x 20	Opt.	Blk. Knit	75	1299.00 Each
VTF-2		Powered, Bass Ref. Sub.	No	10					25-100 Hz ±2	40-180			14 x 16 x 18	Opt.		50	499.00 Each
TN 1220 HO		Powered, Bass Ref. Sub.	No	12					20-100 Hz ±2	28-155			12 Dia. x 51		Blk. Knit	30	999.00 Each
TN 1225 HO		Powered, Bass Ref. Sub.	No	12					25-100 Hz ±2	28-155			12 Dia. x 32		Blk. Knit	25	899.00 Each
HRSW 12Va		Powered, Bass Ref. Sub.							20-100 Hz ±1	28-155				Opt.	Blk. Knit	65	1099.00 Each
HRSW 10V		Powered, Bass Ref. Sub.							25-100 Hz ±2	40-180				Zolatone	Blk. Knit	39	575.00 Each



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MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
IMPACT TECHNOLOGY	Charisma	Trans. Line	Yes	4			1	Dome	42-20 ±3	88	2.3k	6/5	6 x 25 x 11	Blk.	Blk. Knit	28	1250.00 Pair	
	Median	Ctr. Ch.	Yes	(2)4			1	Dome	52-20 ±3	88	3.7k	6/5	6 x 25 x 11	Blk.	Blk. Knit	28	725.00 Each	
	La Bomba	Powered Slot-Loaded Sub.	No	10					29-200 Hz ±3		Var.	8/8	13 x 18 x 18	Blk.	Blk. Knit	70	995.00 Each	
	Vento	Trans. Line	No	6			1	Dome	29-20 ±3	87	2.7k	6/5	9 x 41 x 21	Cherry	Blk. Knit	90	2750.00 Pair	
INFINITY	I.R.S. Omega	Hybrid Planar	No	12, 6½, 12		EMIM	(2)	EMITs	30-42 ±2	87	180,900, 4k	4/	48 x 15 x 15	Blk.	Blk. Knit	121	8000.00 Pair	
	Compositions Prelude	Ported			(4)5¼, (2)4	Domes	1	Dome	25-20 ±2	96	110,350, 3k	6/	54 x 8 x 20	Blk.	Blk. Cloth	78	1949.00 Each	
	Compositions Center Channel	Ctr. Ch., Sealed			(2)5¼, (2)4	Domes	1	Dome	80-20 ±2	96	350,3k	6/	6 x 23 x 8	Blk.	Blk. Cloth	21	779.00 Each	
	Compositions Quadrapole	Surround Ch., Sealed			5¼		(4)3½	Domes	50-15 ±2	90	350	8/	10 x 14 x 4	Opt.	Opt.	4	669.00 Pair	
	Compositions Surrounds	Powered Bass Section			8	(2)4	Cones	1	Dome	38-20	92	200,3k	8/	12 x 6 x 6	Blk.	Blk. Cloth	30	1100.00 Pair
	Overture 1	Powered Bass Section			(2)6½	(2)5¼	Cones	1	Dome	35-20	93	350,3k	8/	39 x 7 x 16	Opt.	Blk. Cloth	47	1099.00 Each
	Compositions Overture 2	Powered Bass Section			(4)6½	(2)5¼	Cones	1	Dome	33-20	94	350,3k	8/	46 x 7 x 16	Opt.	Blk. Cloth	59	1400.00 Each
	Compositions Overture 3	Powered Bass Section																
	QPS-1	Surround Ch. Sat.		Yes	3					80-20 ±3	88	8/	9 x 11 x 5	Opt.	Opt., Metal		349.00 Pair	
	US-1	Ported		Yes	4			½	Dome	80-20 ±3	86	8/	9 x 5 x 5	Opt.	Opt., Metal		249.00 Pair	
	SM-Video	Ported		Yes	(2)6½			1	Dome	45-27	93	2.2k	8/	8 x 21 x 9	Blk.	Blk. Knit		329.00 Each
	SM-165	Ported		No	6½			¾	Dome	43-22	95	4k	8/4	8 x 13 x 8	Blk.	Blk. Knit		249.00 Pair
	SM-185	Ported		No	8			1	Dome	40-22	98	3k	8/4	11 x 18 x 11	Blk.	Blk. Knit		349.00 Pair
	SM-215	Ported		No	10	5¼	Cone	1	Dome	33-22	100	450,2.5k	8/4	33 x 13 x 13	Blk.	Blk. Knit		349.00 Each
	SM-225	Ported		No	12	5¼	Cone	1	Dome	30-22	101	450,2.5k	8/4	37 x 15 x 14	Blk.	Blk. Knit		479.00 Each
	SM-255	Ported		No	15	(2)5¼	Cones	1	Dome	28-22	103	400,2.5k	8/4	43 x 18 x 14	Blk.	Blk. Knit		599.00 Each
	RS-1	Ported		Yes	5¼	(2)5¼		½	Dome	55-20	88	8/	11 x 7 x 8	Blk.	Blk. Metal	9	229.00 Pair	
	RS-2	Ported		Yes	6½			½	Dome	50-20	89	8/	13 x 8 x 11	Blk.	Blk. Metal	12	329.00 Pair	
	RS-3	Ported		Yes	6½			1	Dome	40-20	89	8/	16 x 8 x 11	Blk.	Blk. Metal	14	399.00 Pair	
	RS-4	Ported		Yes	6½			1	Dome	38-20	90	8/	36 x 8 x 14	Blk.	Blk. Metal	34	279.00 Each	
	RS-5	Ported		Yes	(2)6½			1	Dome	35-20	92	8/	40 x 8 x 14	Blk.	Blk. Metal	40	399.00 Each	
	RS-8	Powered Bass Section		Yes	8	6½	Cone	1	Dome	33-20	93	8/	40 x 8 x 14	Blk.	Blk. Metal		679.00 Each	
	RS-10	Powered Bass Section		Yes	10	6½	Cone	1	Dome	30-20	94	8/		Blk.	Blk. Metal		899.00 Each	
	Delta 30	Ported			6½	4½	Cone		EMIT-R	50-35 ±3	89	6/	32 x 9 x 13	Blk. Ash	Blk. Knit	42	550.00 Each	
	Delta 40	Ported			8	4½	Cone		EMIT-R	38-35 ±3	90	6/	38 x 11 x 17	Blk. Ash	Blk. Knit	53	680.00 Each	
	Delta 60	Ported			(2)8	4½	Cone		EMIT-R	30-35 ±3	90	6/	45 x 11 x 17	Blk. Ash	Blk. Knit	62	825.00 Each	
	Delta Center	Ported		Yes	(2)5¼				EMIT-R	60-35 ±3	89	6/	7 x 19 x 9	Blk. Ash	Blk. Knit	18	399.00 Each	
	Minnette MPS	Sealed			3½			½	Dome	200-20	88	5k	8/4	7 x 5 x 4	Opt.	Opt.	2	169.00 Pair
	Minnette	Ctr. Ch., Sealed			(2)3½			½	Dome	150-20	88	5k	8/	5 x 10 x 4	Blk.	Blk. Cloth	5	149.00 Each
	Center Channel																	
	Minnette	Sealed Surround			(4)3½			(3)½	Domes	200-20	88	3.5k,5k	8/4	Three Pieces	Blk.	Blk. Cloth	11 Sys.	279.00 Sys.
	Surround Pac	Sats. & Sub.			(6)3½			(5)½	Domes	200-20	88	3.5k,5k	8/4	Five Pieces	Blk.	Blk. Cloth		389.00 Sys.
Minnette	4 Sats. & Ctr. Ch.																	
Theater Pac	Sealed		Yes	(2)3½			½	Dome	150-20 ±3	87	8/	10 x 5 x 4	Blk.	Blk. Knit		229.00 Pair		
Minnette L-MPS	4 Sats. & Ctr. Ch.		Yes	(10)			(5)½	Domes	150-20 ±3	87	8/	Five Pieces	Blk.	Blk. Knit		499.00 Sys.		
Theater Pac				3½														
HPS-1000	Powered, Pas. Rad. Sub.		No	15					18-120 Hz				22 x 19 x 21	Bronze			1349.00 Each	
HPS-500	Powered, Pas. Rad. Sub.		No	12					22-120 Hz				22 x 17 x 19	Bronze			999.00 Each	
HPS-250	Powered Sub.		No	12					28-120 Hz				18 x 15 x 18	Bronze			779.00 Each	
BU-150	Powered Sub.		No	15					28-150 Hz				18 x 18 x 18	Blk.			549.00 Each	
BU-120	Powered Sub.		No	12					30-150 Hz				15 x 15 x 15	Blk.			449.00 Each	
BU-80	Powered Sub.		No	8					45-150 Hz				12 x 12 x 12	Blk.			349.00 Each	
BU-1	Powered Sub.		No	8					45-150 Hz ±3				11 x 11 x 11	Blk.	Blk. Cloth	26	399.00 Each	
BU-2	Powered Sub.			12					30-150 Hz ±3		50-150 (Var.)		14 x 14 x 14	Blk.	Blk. Cloth	50	549.00 Each	
CC-1	Ctr. Ch.			(2)4			½	Dome	100-20		3.5k	8/	5 x 14 x 6	Blk.	Blk. Cloth		199.00 Each	
CC-2	Ctr. Ch.			(2)5¼			½	Dome	90-20		3.5k	8/	7 x 18 x 8	Blk.	Blk. Cloth		329.00 Each	
CC-3	Ctr. Ch.			(2)5¼			1	Dome	80-20		3k	8/	7 x 20 x 8	Blk.	Blk. Cloth		449.00 Each	
Outtrigger	Outdoor			5¼			1	Dome	100-20	88	8/4	10 x 8 x 7	Wht.	Wht. Metal	4	329.00 Pair		
Outtrigger Jr.	Outdoor		No	4			½	Dome	80-20	86	8/4	8 x 7 x 7	Wht.	Wht. Metal		229.00 Pair		
ERS 360	In-Wall			5¼			¾	Dome	75-22	88	6k	8/4	8 Dia. x 3	Wht.	Wht. Metal	2	250.00 Pair	
ERS 440	In-Wall			4				Dome	90-15	95	8/4	7 x 7 x 3	Wht.	Wht. Metal	2	180.00 Pair		
ERS 540	In-Wall			5¼			¾	Dome	75-22	85	6k	8/4	8 x 8 x 3	Wht.	Wht. Metal	2	250.00 Pair	
ERS 640	In-Wall			6				Dome	60-22	85	3.8k	8/4	13 x 9 x 3	Wht.	Wht. Metal	3	340.00 Pair	
ERS 840	In-Wall			8				EMIT-N	50-45	85	3.8k	8/4	15 x 11 x 4	Wht.	Wht. Metal	4	580.00 Pair	
INTERACT	AR-2103	Multimedia; 4th Order Bandpass		(2)4	2½		1										299.99 Pair	
JACKSON LOUD-SPEAKERS	AU-3	Air Sus. Sat.	No	5¼			(2)1, 5%	Domes	80-20 ±3	87	2.5k,12k	8/6	8 Base x 14	Opt.	Opt., Knit	10	1300.00 Pair	
	AU-3plus	Air Sus. Sat.	No	5¼			(2)1, 5%	Domes	80-20 ±3	87	2.5k,12k	8/6	8 Base x 14	Opt.	Opt., Knit	12	2000.00 Pair	
	AU-20	Pas. Rad. Sub.	No	10					26-100 Hz ±3	90	100	8/6	18 x 18 x 20	Opt.	Opt., Knit	57	1250.00 Each	
	AU-20plus	Pas. Rad. Sub.	No	10					26-100 Hz ±3	90	100	8/6	18 x 18 x 20	Opt.	Opt., Knit	57	1500.00 Each	
JADIS	J1	Horn								103	180,900, 8k		59 x 28 x 28			176	45,000 Pair	
	Orchestra	Dynamic		6½			1	Dome		91			9 x 11 x 21				2495.00 Pair	

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# LOUDSPEAKERS

MANU-FACTURER	Model	Application, Design Principle, Enclosure or System Type	Magnetic Shielding?	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
				Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
JAMO HI-FI	CineMaster	Main Ch., Ctr. Ch., Dipole Surrounds & Powered Sub. (All Sealed)	Yes	(2)15, (8)4½, (6)5¼	(6)3¼		(7)1	Domes					Six Pieces	Opt.	Blk. Knit	320 Sys.	30,000 Sys. w/Processor/Controller	
	Concert Center	Ctr. Ch.	Yes	(2)6½	1½		1	Dome					8 x 22 x 11	Opt., Wood	Blk. Knit	11	800.00 Each	
	Concert 8	Bass Ref.	Yes	6½	6½		1	Dome		1.1k, 3.5k	4/	15 x 10 x 12	Opt., Wood	Blk. Knit	12	1200.00 Each		
	Concert 11	Bass Ref.	Yes	6½	6½		1	Dome		2.5k	4/	41 x 11 x 15	Opt., Wood	Blk. Knit	33	1800.00 Each		
	Oriel	Bass Ref.		8	6½		1½	Dome		100.3k	6/	70 x 16 x 12	Gray	Blk. Knit	158	4500.00 Each		
	307	Bass Ref.		5			1	Dome		87	6/	13 x 8 x 11	Opt.	Blk. Knit	11	249.00 Each		
	407	Bass Ref.		6½	1	Dome	½		50-20	87	6/	16 x 9 x 11	Opt.	Blk. Knit	16	349.00 Each		
	477	Bass Ref.		(2)5			1½	Dome	40-20	88	4/	30 x 8 x 12	Opt.	Blk. Knit	24	449.00 Each		
	507	Bass Ref.		(2)6½	(2)4		1	Dome	40-20	88	4/	36 x 9 x 15	Opt.	Blk. Knit	42	649.00 Each		
	707	Bass Ref.		(2)8	(2)5		1	Dome	35-20	90	4/	41 x 11 x 15	Opt.	Blk. Knit	50	799.00 Each		
	Silhouette	Bass Ref.		5¼	5¼		1	Dome	47-20	90	300.4k	5/	48 x 9 x 6	Opt.	Opt.	22	399.00 Each	
	Art	Bass Ref.		5¼			1	Dome	40-20	88	3k	8/	13 x 15 x 3	Opt.	Opt.	11	249.00 Each	
	Artina	Bass Ref.		4			2	Cone	80-20	90	4.5k	8/	9 x 11 x 3	Opt.	Opt.	3	139.00 Each	
	Graphic	Bass Ref.		5¼			1	Dome	45-20	88	3k	8/	17 x 15 x 3	Blk.	Opt.	15	299.00 Each	
	Atmosphere	Bass Ref.		5¼			2	Dome	40-20	88	3k	8/	14 x 10 x 6	Opt.	Opt.	7	399.00 Each	
	Converta	Bass Ref.		4			2	Cone	80-20	90	2.5k	8/	3 Dia.	Opt.	Opt.	4	199.00 Each	
	Converta Light SW80/SAT80	Sats. & Bass Ref. Sub.		(2)6½	4		2	Cone	80-20	90	4.5k	8/	Three Pieces	Opt.	Opt., Knit	4	219.00 Each	
	SW160/SAT160	Sats. & ABR Sub.		(2)6½	4		2	Cone	35-20	90	4.5k	8/	Three Pieces	Opt.	Opt.	17 Sys. 23	449.00 Sys.	
	SW200/SAT200	Sats. & ABR Sub.		(2)8	4		¾		35-20	90	3.5k	8/	Three Pieces	Opt.	Opt.	31 Sys.	499.00 Sys.	
	SW300/SAT300	Sats. & ABR Sub.		(2)8	4		¾		30-20	90	3.5k	8/	Three Pieces	Opt.	Blk.	36 Sys.	699.00 Sys.	
	SW500/SAT500	Bass Ref. Sats. & ABR Sub.		(2)10	4		¾		30-20	90	3.5k	8/	Three Pieces	Blk.	Opt.	59 Sys.	799.00 Sys.	
	SW600L	Powered Sub.		(2)10					30-150 Hz	90	Var.		16 x 13 x 20	Blk.		55 Sys.	995.00 Each	
	SW400E	Powered Sub.		8					40-150 Hz	90	Var.		15 x 9 x 19	Blk.		22	499.00 Each	
	Surround 50	Bass Ref. Sub.			4				120-17	87	8/	7 x 5 x 3	Blk.	Blk.	2	69.00 Each		
	Surround 100	Surround Ch.		4			2	Cone	90-20	90	4.5k	8/	7 x 5 x 3	Blk.	Blk.	3	89.00 Each	
	Surround 200	Surround Ch.		4	¾		2	Cone	80-20	88	800.3, 5k, 7k	8/	8 x 6 x 5	Blk.	Blk.	6	149.00 Each	
	Center 50	Ctr. Ch.; Bass Ref.		(2)4			¾	Dome	80-20	89	3.5k	8/	6 x 12 x 4	Blk.	Blk.	6	149.00 Each	
	Center 100	Ctr. Ch.; Bass Ref.		(2)4			1	Dome	80-20	90	4.5k	8/	6 x 16 x 4	Blk.	Blk.	6	149.00 Each	
	Center 160	Ctr. Ch.		(2)5			1	Dome	75-20	90	2k	8/	6 x 22 x 7	Opt.	Blk.	8	199.00 Each	
	Center 200	Ctr. Ch.; Bass Ref.		(2)5			1	Dome	70-20	94	2k	8/	8 x 22 x 6	Blk.	Blk.	13	299.00 Each	
	Pro 200-EX	Bass Ref.		10			(2)1	Horns	45-20	92	3k	8/	14 x 19 x 13	Blk.	Blk.	21	499.00 Each	
	Pro 300-EX	Bass Ref.		12	1		1	Horn	42-20	94	2k, 5k	8/	30 x 19 x 13	Blk.	Blk.	40	699.00 Each	
	Pro 400-EX	Bass Ref.		15	1		(3)1	Horns	40-20	95	2k, 5k	8/	34 x 19 x 13	Blk.	Blk.	48	899.00 Each	
	Pro 1000-EX	Bass Ref. Sub.		(2)15			1	Dome	35-150 Hz	96	150	8/	34 x 24 x 18	Blk.	Blk.	104	1299.00 Each	
	Classic 4	Bass Ref.		(2)5½			1	Dome	45-20	90	2.2k	4/	19 x 8 x 10	Mahogany	Blk. Knit	18	275.00 Each	
	Classic 6	Bass Ref.		(2)5½			1	Dome	40-20	90	2.5k	4/	33 x 7 x 12	Mahogany	Blk. Knit	30	350.00 Each	
	Classic 8	Bass Ref.		(2)5¼			1	Dome	35-20	90	700.2.5k	4/	36 x 9 x 12	Mahogany	Blk. Knit	36	425.00 Each	
	Cornet 95 IV	Bass Ref.		(2)8	5¼		1	Dome	40-20	91	800.4k	4/	34 x 10 x 11	Opt.	Blk. Knit	31	799.00 Pair	
	Cornet 75	Bass Ref.		(2)6½	5¼		1	Dome	43-20	90	30 x 9 x 11	6/	30 x 9 x 11	Opt.	Blk. Knit	23	639.00 Pair	
	Cornet 65 IV	Bass Ref.		6½	3		1	Dome	47-20	90	1.5k, 5k	8/	17 x 9 x 9	Opt.	Blk. Knit	14	399.00 Pair	
	Cornet 35 IV	Bass Ref.		5¼			1	Dome	50-20	89	3k	8/	13 x 8 x 9	Opt.	Blk. Knit	10	279.00 Pair	
	BX 100A	Bass Ref.		8	4		1	Horn	40-20	91	2k, 4.2k	8/	21 x 12 x 10	Opt.	Blk. Knit	22	299.00 Each	
	BX 150A	Bass Ref.		10	4		1	Horn	35-20	92	2.3k, 5k	8/	25 x 15 x 12	Opt.	Blk. Knit	30	399.00 Each	
	BX 200A	Bass Ref.		12	4		1	Horn	30-20	93	2k, 3k	8/	28 x 17 x 13	Blk.	Blk. Knit	39	479.00 Each	
	Indoor/Outdoor I	Indoor/Outdoor		4			¾	Dome	80-20	90	4.5k	8/	7 x 5 x 3	Opt.	Opt.	3	119.00 Each	
Indoor/Outdoor II	Indoor/Outdoor; Bass Ref.		(2)4			¾	Dome	70-20	90	3.5k	4/	6 x 12 x 4	Opt.	Opt.	5	150.00 Each		
U-50	Bass Ref.			5				80-15	92	8/		10 x 6 x 5	Opt.	Opt.	3	79.00 Each		
JBL	JBL 500	Bass Ref.	No	5¼			2	Cone	75-20 +0,-6	86	2.2k	8/	11 x 7 x 7	Blk. Wood Vinyl	Blk. Knit	7	139.00 Pair	
	JBL 800	Bass Ref.	No	8			½	Dome	52-20 +0,-6	89	3.2k	8/	19 x 10 x 9	Blk. Wood Vinyl	Blk. Knit	19	259.00 Pair	
	JBL 900	Bass Ref.	Yes	6½			½	Dome	55-20	88	3.2k	8/	32 x 9 x 8	Blk. Wood Vinyl	Blk. Knit	25	259.00 Pair	
	JBL Center	Ctr. Ch.; Bass Ref.	Yes	(2)4½			2½	Cone	90-20 +0,-6	90	7.5k	8/	7 x 19 x 6	Blk. Wood Vinyl	Blk. Knit	10	129.00 Each	
	HLS 410	Bass Ref.	Yes	4			¾	Dome/Horn	75-20	87	2.6k	8/	8 x 6 x 6	Opt., Wood Vinyl	Opt., Knit	10	229.00 Pair	
	HLS 610	Bass Ref.	Yes	6½			¾	Dome/Horn	55-20 ±3	88	2.7k	8/	16 x 9 x 10	Blk.	Blk. Knit	14	319.00 Pair	
	HLS 615	Bass Ref.	Yes	6½			¾	Dome/Horn	45-20 ±3	88	2.7k	8/	32 x 9 x 10	Blk.	Blk. Knit	28	230.00 Each	
	HLS 620	Bass Ref.	Yes	(2)6½			¾	Dome/Horn	42-20 ±3	89	2.7k	8/	36 x 9 x 12	Blk.	Blk. Knit	35	299.00 Each	
	HLS 810	Bass Ref.	Yes	8			¾	Dome/Horn	50-20 ±3	89	2.6k	8/	20 x 10 x 10	Blk.	Blk. Knit	21	379.00 Pair	
	HLS 820	Bass Ref.	Yes	(2)8			¾	Dome/Horn	40-20 ±3	90	2.6k	8/	40 x 10 x 12	Blk.	Blk. Knit	39	349.00 Each	
	HLS Center	Ctr. Ch.; Bass Ref.	Yes	(2)5¼			¾	Dome/Horn	80-20 ±3	88	2.8k	8/	20 x 7 x 7	Blk.	Blk. Knit	15	229.00 Each	
	SVA 1500	Bass Ref.	Yes	(2)5¼			1	Dome/Horn	45-20 +0,-6	88	2.5k	8/	20 x 7 x 11	Blk. Wood Vinyl	Blk. Knit	25	679.00 Pair	
	SVA 1600	Bass Ref.	Yes	(2)6½			1	Dome/Horn	38-20 +0,-6	89	1.75k	8/	36 x 11 x 14	Blk. Wood Vinyl	Blk. Knit	60	499.00 Each	
	SVA 1800	Bass Ref.		(2)8			1	Dome/Horn	35-20 +0,-6	92	1.6k	8/	38 x 13 x 16	Blk. Wood Vinyl	Blk. Knit	75	689.00 Each	
	SVA 2100	Bass Ref.		(2)10			1½	Dome/Horn	30-20 +0,-6	93	1.2k	8/	43 x 15 x 20	Blk. Wood Vinyl	Blk. Knit	95	799.00 Each	
	SVA Center	Ctr. Ch.; Bass Ref.	Yes	(2)5¼			1	Dome/Horn	45-20 +0,-6	88	2.5k	8/	7 x 20 x 11	Blk. Wood Vinyl	Blk. Knit	25	429.00 Each	
	S 2600	Bass Ref.		12			1¾	Compr. Horn	30-20 +0,-6	93	950	6/	39 x 22 x 16	Blk. Wood Vinyl	Blk. Knit	115	2000.00 Each	

(Continued)

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# LOUDSPEAKERS

MANU-FACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Amplifier Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
JBL (Continued)	S 3100	Bass Ref.	No	15			1 1/4	Compr. Horn Cone	30-20 +0,-6	94	750	6/	44 x 22 x 16	Blk. Wood Vinyl	Blk. Knit	125	2500.00 Each
	TLX 105	Bass Ref.	No	5 1/4			2	Dome	75-20 +0,-6	86	2.2k	8/	11 x 7 x 7	Blk. Wood Vinyl	Blk. Knit	7	99.00 Pair
	TLX 121	Bass Ref.	No	6 1/2			3/8	Dome	55-25 +0,-6	89	3k	8/	14 x 8 x 10	Blk. Wood Vinyl	Blk. Knit	11	219.00 Pair
	TLX 151	Bass Ref.	No	8	4	Cone	3/8	Dome	50-25 +0,-6	90	600,3k	8/	21 x 10 x 12	Blk. Wood Vinyl	Blk. Knit	21	179.00 Each
	TLX 171	Bass Ref.	No	8	4	Cone	3/8	Dome	35-25 +0,-6	90	600,3k	8/	34 x 10 x 12	Blk. Wood Vinyl	Blk. Knit	35	219.00 Each
	TLX 181	Pas. Rad.; Bass Ref.	No	10	4	Cone	3/8	Dome	30-25 +0,-6	90	600,3k	8/	37 x 12 x 12	Blk. Wood Vinyl	Blk. Knit	43	299.00 Each
	TLX 271P	Powered Bass	No	8	6 1/2, 4	Cones	3/8	Dome	30-20	90	120,600,4k	8/	35 x 10 x 12	Blk. Wood Vinyl	Blk. Knit	55	549.00 Each
	TLX CSS-SP1000 TLX Movies	5 Sats. & Powered Sub. Ctr. & Surround Ch.	No	8	5 1/4	Cone	3/8	Dome	35-20			8/	Six Pieces	Blk. Wood Vinyl	Blk. Knit	50	449.00 Sys.
	CF 100	Bass Ref.	Yes	(3)4 1/2			2	Cone	100-20 +0,-6	9k	9k	8/	Three Pieces	Blk. Wood Vinyl	Blk. Knit	14	139.00 Sys.
	CF 120	Bass Ref.		10	4 1/2	Cone	3/4	Dome	34-20 +0,-6	94	1.4k,7k	8/	27 x 13 x 12	Blk. Wood Vinyl	Blk. Knit	32	300.00 Each
	CF 150	Bass Ref.		12	4 1/2	Cone	3/4	Dome	36-20 +0,-6	96	800,7k	8/	32 x 17 x 15	Blk. Wood Vinyl	Blk. Knit	50	400.00 Each
	Century Gold CM 40	Bass Ref.		15	6 1/4	Cone	1	Dome	32-20 +0,-6	98	500,5k	8/	35 x 18 x 19	Blk. Wood Vinyl	Blk. Knit	63	500.00 Each
	CM 42	Bass Ref.		12	5	Cone	1	Dome	38-22 +0,-6	90	600,2.8k	6/	27 x 15 x 13	Mahogany	Blk. Knit	60	2500.00 Each
	CM 42 AW	Outdoor, Bass Ref.		4	4		1/2	Dome	70-16 +0,-6	87	4k	6/	10 x 6 x 4	Blk.	Blk. Metal	6	190.00 Pair
	CM 52	Outdoor, Bass Ref.		4	4		1/2	Dome	60-20 +0,-6	88	4k	6/	10 x 6 x 4	Blk.	Blk. Metal	6	250.00 Pair
	CM 52 AW	Outdoor, Bass Ref.		5 1/4	5 1/4		1/2	Dome	60-20 +0,-6	88	4k	6/	10 x 6 x 4	Blk.	Blk. Metal	6	270.00 Pair
	SCS125	5 Sats. & Powered Sub.	Yes	8	3	Cone	1/2	Dome	50-20 +0,-6	89	4k	6/	10 x 7 x 7	Blk.	Blk. Metal	8	190.00 Pair
	SCS120	5 Sats. & Powered Bass Ref. Sub.		8	3	Cone	1/2	Dome	50-20 +0,-6	89	4k	6/	10 x 7 x 7	Blk.	Blk. Metal	8	320.00 Pair
	ESC 300 (w/remote)	5 Sats. & Powered Sub.	Yes	(2)8	(2)3 1/2	Cones	3/4	Dome	35-20	8/	120,3.5k	8/	Six Pieces	Blk.	Blk. Metal	30	449.00 Sys.
	PSW-D110	Powered, Bass Ref. Sub.	No	8	2 1/2	Cone	(5)1/2	Domes	40-20 +0,-3			8/	Six Pieces	Opt.	Opt., Metal	56	999.00 Sys.
	PSW-D112	Powered, Bass Ref. Sub.	Yes	8	2 1/2	Cone	(5)1/2	Domes	35-20 +0,-6				Six Pieces	Blk.	Blk.	40	699.00 Sys.
	PSW-D115	Powered, Bass Ref. Sub.	No	10					30-180 Hz	87	60-180 (Var.)	8/	15 x 15 x 17	Blk. Wood Vinyl	Blk. Metal	40	399.00 Each
	DPS-10	Powered, Bass Ref. Sub.	No	12					28-180 Hz	90	60-180 (Var.)	8/	18 x 18 x 19	Blk. Wood Vinyl	Blk. Metal	45	499.00 Each
	DPS-12	Powered, Bass Ref. Sub.	No	15					25-180 Hz	91	60-180 (Var.)	8/	20 x 20 x 22	Blk. Wood Vinyl	Blk. Metal	50	799.00 Each
	Flix 10	Powered, Bass Ref. Sub. Ctr. & Surround Ch.	No	10					30-180 Hz	90	60-180 (Var.)	8/	15 x 15 x 17	Blk. Wood Vinyl	Blk. Knit	40	399.00 Each
	Flix 20	Powered, Bass Ref. Sub. Ctr. & Surround Ch.	No	12					28-180 Hz	90	60-180 (Var.)	8/	18 x 18 x 19	Blk. Wood Vinyl	Blk. Knit	45	499.00 Each
	AS-5	In-Wall		(3)4 1/2			2	Cone	100-20 +0,-6	87	9k	8/	Three Pieces	Blk. Wood Vinyl	Blk. Knit	14	160.00 Sys.
	AS-6	In-Wall		(3)4 1/2			2 1/2	Cone, Dome	90-20 +0,-6	90		8/	Three Pieces	Blk. Wood Vinyl	Blk. Knit	14	230.00 Sys.
	AS-8	In-Wall							50-20 +0,-6	88	6k	8/	11 x 8	Blk.	Blk. Metal	12	280.00 Pair
	AS-65C	In-Wall/In-Ceiling							40-20 +0,-6	89	5k	8/	13 x 8	Wht.	Blk. Metal	12	69.00 Pair
	AS-Sub	In-Wall; Sub.							35-20 +0,-6	87	5k	8/	15 x 11	Wht.	Blk. Metal	12	89.00 Pair
	WRKW 1000	Wireless; Powered							45-20 +0,-6	89	7k	8/	8 Dia.	Wht.	Blk. Metal	8	100.00 Each
	Media 100	Multimedia	Yes						32-300 Hz +0,-6	87	300	8/	12 x 12	Wht.	Blk. Metal	8	250.00 Each
	Media 200	Multimedia	Yes	4	3		1 1/2	Cone	40-20 +0,-6	3k		8/	8 x 6 x 6	Blk.	Blk. Metal	12	280.00 Pair
	Media 2000	Multimedia	Yes	4	3		1	Dome	75-20 +0,-6			8/	8 x 4 x 6	Blk.	Blk. Metal	12	69.00 Pair
Media Sub 2000	Multimedia; Powered Sub.	Yes	4	3	Cone	1	Dome	60-20 +0,-6			8/	11 x 5 x 8	Gray	Gray	12	69.00 Pair	
Media System 2000	Multimedia; Sats. & Powered Sub.	Yes	4	3	Cone	1	Dome	70-20 +0,-6			8/	7 x 3 x 7	Gray	Gray	12	89.00 Pair	
			4	3	Cone	1	Dome	40-120 Hz +0,-6			8/	10 x 5 x 11	Gray	Gray	12	129.00 Each	
			4	3	Cone	1	Dome	40-20 +0,-6			8/	Three Pieces	Gray	Gray	12	199.00 Sys.	
JENSEN	J1	Bass Ref.	No	15	(2)5		1	Horn	25-20 ±3	94	8/	18 x 39 x 11	Blk. Oak	Blk.	43	350.00 Pair	
	J2	Bass Ref.	No	15	5		1	Horn	30-20 ±3	94	8/	18 x 34 x 11	Blk. Oak	Blk.	28	298.00 Pair	
	J4	Bass Ref.	No	6 1/2			1	Horn	50-20 ±3	91	8/	12 x 19 x 11	Blk. Oak	Blk.	19	276.00 Pair	
	JCC	Ctr. Ch., Ac. Sus.	Yes	(2)5			1	Horn	100-20 ±3	91	6/	21 x 8 x 8	Blk.	Blk.	8	99.00 Each	
	M1	Bass Ref.	No	15	6 1/2	Horn	1	Horn	30-20	98	600,2.5k	8/	21 x 38 x 17	Blk.	Blk.	72	999.00 From
	M2	Bass Ref.	No	12	6 1/2		1	Horn	30-20	95	800,2.5k	8/	17 x 32 x 14	Blk.	Blk.	50	599.00 Pair
	M-Center	Ctr. Ch.; Bass Ref.	Yes	6 1/2			1	Horn	45-20	93	2.5k	8/	22 x 10 x 9	Blk.	Blk.	20	249.00 Each
	M-Sub	Powered Sub.	Yes	15			1	Horn	20-120 Hz	93	2.5k (Var.)	8/	21 x 28 x 21	Blk.	Blk.	68	599.00 Each
JHT-2000	Main Ch., Ctr. Ch., Surround Ch. & Powered Sub.	Yes	6 1/2	(5)4		(5)2		50-20	90		8/	Six Pieces	Blk.			500.00 Sys.	
JHT-1000	Main Ch., Ctr. Ch., Surround Ch. & Powered Sub.		6 1/2	(2)4, (2)5 1/4, (2)3 1/2		(2)2 1/4, 2		55-20	90		8/	Six Pieces	Blk.			400.00 Sys.	
JMLab (Continued)	Tantal 5	Bass Ref.	Yes	5			1	Dome		88	8/	10 x 7 x 6	Opt.	Blk. Knit		300.00 Pair	
	Tantal CC5	Ctr. Ch.; Bass Ref.	Yes	(2)5			1	Dome		90	8/	6 x 18 x 10	Blk. Ash	Blk. Knit		400.00 Each	
	Tantal SW20A	Powered Bass Ref. Sub.	Yes	8			1	Dome			8/	14 x 11 x 17	Blk. Ash	Blk. Knit		650.00 Each	
	Tantal 505	Bass Ref.		5			1	Dome		89	8/	12 x 7 x 8	Blk. Ash	Blk. Knit		550.00 Pair	
	Tantal 507	Bass Ref.		7			1	Dome		90.5	8/	15 x 8 x 11	Opt., Wood	Blk. Knit		700.00 Pair	
	Tantal 515	Bass Ref.		(2)6 1/2	6 1/2	Cone	1	Dome		92	8/	22 x 8 x 13	Opt., Wood	Blk. Knit		900.00 Pair	
Tantal 520	Bass Ref.		7	7	Cone	1	Dome		91.5	8/	37 x 8 x 11	Opt., Wood	Blk. Knit	86	700.00 Pair		
									92	8/	39 x 8 x 12	Opt., Wood	Blk. Knit		1100.00 Pair		



# Finally: huge, impressive, monumental bass minus the huge, impressive, monumental subwoofer.



Boston  
VR  
970

A subwoofer adds dramatic impact to music and video. Problem is, it subtracts several cubic feet of space from your space. But not if you own a pair of sleek VR970 floorstanding speakers with built-in powered subwoofers. Check them out along with our equally impressive VR960 and VR950 systems at your local Boston dealer.

**Boston**Acoustics

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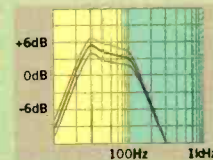
## NOT JUST ANOTHER POWERED TOWER



The Clark Kent of the loudspeaker world. Beneath the VR970's handsome, mild-mannered exterior is a 100-watt, high-current amplifier able to leap massive crescendos in a single bound. One in each cabinet.



Filter fresh. The Lynnfield VR tweeter uses our patented AMD, a sophisticated acoustic filter that produces ruler flat response.



Unlike ordinary powered towers, the VR970 features our exclusive Active Bass Contour™ control. It lets you adjust deep bass without ruining midbass balance. So Betty White doesn't end up sounding like Barry White.



In the driver's seat. Unlike most companies, we actually design and manufacture our own tweeters, midranges, and woofers right here (to  $\pm 1$ dB, the industry's tightest tolerance).



# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS								Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type											
JMLab (Continued)	Opal 607	Bass Ref.	Yes	7			1	Dome		91		8/	16 x 9 x 11	Rswd.	Blk. Knit		750.00 Pair		
	Cobalt CC20	Ctr. Ch.; Sealed Surround Ch.; Sealed.		(2)6½			1	Dome		91		8/	7 x 20 x 11	Opt., Cherry	Blk. Knit		600.00 Each		
	Cobalt SR20	Powered Sub.		6½			1	Dome		89		8/	13 x 12 x 5	Opt.	Blk. Knit		700.00 Pair		
	Cobalt SW27A	Bass Ref.		11			1	Dome				8/	16 x 13 x 20	Opt.	Blk. Knit		1000.00 Each		
	Cobalt 807	Bass Ref.		7			1	Dome		89.5		8/	14 x 10 x 11	Opt., Cherry	Blk. Knit		1050.00 Pair		
	Cobalt 810	Bass Ref.		7			1	Dome		89.5		8/	37 x 8 x 11	Opt., Cherry	Blk. Knit		1350.00 Pair		
	Cobalt 815	Bass Ref.		8		7	1	Dome		91		8/	39 x 9 x 13	Opt., Cherry	Blk. Knit		1850.00 Pair		
	Cobalt 820	Bass Ref.		(2)8		5	1	Dome		91		8/	41 x 9 x 13	Opt., Cherry	Blk. Knit		2500.00 Pair		
	Electra 905	Bass Ref.		(2)5			1	Dome		91.5		8/	17 x 9 x 11	Opt., Cherry	Blk. Knit		2300.00 Pair		
	Electra 915	Bass Ref.		8		(2)5	1	Dome		90.5		8/	42 x 11 x 14	Opt., Cherry	Blk. Knit		3800.00 Pair		
	Electra 920	Bass Ref.		10		(2)5	1	Dome		92		8/	44 x 13 x 16	Opt., Cherry	Blk. Knit		5000.00 Pair		
	Electra CC30	Ctr. Ch.; Bass Ref.	Yes	(2)6½			1	Dome		91		8/	8 x 22 x 13	Opt., Cherry	Blk. Knit		1000.00 Each		
Electra SR30	Dipole Surround		(2)5			(2)1	Domes		91	30-180 Hz	8/	12 x 17 x 8	Opt., Cherry	Blk. Knit		1700.00 Pair			
Electra SW33A	Powered Bass Ref. Sub.		13								8/	19 x 16 x 24	Opt., Cherry	Blk. Knit		1700.00 Each			
Mini Utopia	Bass Ref. Sub.		(2)6½			1	Dome		91.5	25-180 Hz	8/	24 x 11 x 17	Anigre	Blk. Knit		6500.00 Pair			
Sub Utopia	Powered Bass Ref. Sub.		15									22 x 19 x 17	Anigre	Blk. Knit		3500.00 Each			
Mezzo Utopia	Bass Ref.		11	6½	Cone	1	Dome		92.5		4/	46 x 14 x 19	Anigre	Blk. Knit		13,000 Pair			
Utopia	Bass Ref.		13	(2)6½	Cones	1	Dome		93.5		4/	53 x 18 x 26	Anigre	Blk. Knit		30,000 Pair			
Grande Utopia	Bass Ref.		15,11	(2)6½	Cones	1	Dome		94		4/	70 x 20 x 30	Anigre	Blk. Knit		70,000 Pair			
JM REYNAUD	Basic Twin Basic	Trans. Line	No	7	7	Cone	¾	Dome	70-20 ±3	89	4.2k	8/8	16 x 8 x 11	Blk. Ash		15	560.00 Pair		
	Studio 2	Trans. Line	No	7	7	Cone	¾	Dome	60-20 ±3	89	1.2k, 4.2k	8/8	30 x 8 x 11	Blk. Ash		26	720.00 Pair		
	Studio 3	Bass Ref.	No	4½	4½	Cone	1½	Dome	50-20 ±3	90	400, 4.8k	4/3	38 x 6 x 10	Opt., Wood		29	1660.00 Pair		
	Studio 4	Bass Ref.	No	5½	5½	Cone	1½	Dome	50-20 ±3	90	400, 4.4k	4/3	45 x 7 x 10	Opt., Wood		46	2100.00 Pair		
		Bass Ref.	No	(2)6¾	4½	Cone	1½	Dome	40-20 ±3	89	200, 1.4k, 7k	6/4	47 x 10 x 13	Cherry		53	2700.00 Pair		
	Offrande Grand Opera	Trans. Line	No	6¾	6¾	Cone	1½	Dome	50-20 ±3	89	2.5k	4/3	43 x 9 x 16	Cherry		41	3450.00 Pair		
Odyssee	Bass Ref.	Yes	8½	6¾	Cone	1½	Dome	30-20 ±3	90	350, 3.9k	4/3	45 x 11 x 11	Cherry		120	5400.00 Pair			
	Bass Ref.	No	(2)8½	(2)6¾	Cones	1½	Dome	25-20 ±3	87	350, 3.9k	8/6	51 x 13 x 22	Cherry		154	9995.00 Pair			
JOSEPH AUDIO	Cinergy 5.1	Inf. Slope	Yes	(2)6½			1	Dome	40-20 ±2	86	2k	8/6	22 x 8 x 14	Opt.	Blk. Knit		From 1249.00 Each		
	RM7si	Inf. Slope	Opt.	6½			1	Dome	45-20 ±2	86	2k	8/7	15 x 9 x 12	Opt.	Blk. Knit	25	1299.00 Pair		
	RM7si	Inf. Slope	Opt.	6½			1	Dome	42-20 ±2	86	2k	8/7	15 x 9 x 12	Opt.	Blk. Knit	26	1699.00 Pair		
	Signature RM22si	Inf. Slope	Opt.	6½			1	Dome	38-20 ±2	86	2k	8/7	36 x 9 x 10	Opt.	Blk. Knit	47	2299.00 Pair		
	Signature RM25si	Inf. Slope	Opt.	(2)6½			1	Dome	32-20 ±2	86	2k	8/6	46 x 9 x 12	Opt.	Blk. Knit	72	From 3299.00 Pair		
	Signature RM30si	Inf. Slope	No	8	5	Cone	1	Dome	32-20 ±2	88	200, 2k	8/7	40 x 12 x 15	Opt.	Blk. Knit	94	3999.00 Pair		
RM50si	Inf. Slope	No	10	5	Cone	1	Dome	20-20 ±1	88	200, 2k	8/7	46 x 13 x 19	Opt.	Blk. Knit	120	5999.00 Pair			
JPW	ML 110	Bass Ref.	No	4			½	Dome		89		6/	10 x 7 x 8	Opt.	Gray Knit	6	175.00 Pair		
	ML 310	Bass Ref.	No	4			¾	Dome		87		6/	12 x 7 x 7	Opt.	Gray Knit	7	250.00 Pair		
	ML 510	Bass Ref.	No	5½			¾	Dome		88		6/	13 x 8 x 12	Opt.	Gray Knit	9	350.00 Pair		
	ML 710	Bass Ref.	No	5½			¾	Dome		89		6/	32 x 8 x 12	Opt.	Gray Knit	23	650.00 Pair		
	ML 910	Bass Ref.	No	6½	4	Cone	¾	Dome		91		6/	39 x 9 x 12	Opt.	Gray Knit	35	850.00 Pair		
	CC 50	Ctr. Ch.; Bass Ref.	Yes	(2)4			¾	Dome		90		6/	6 x 17 x 12	Gray	Gray Knit	15	250.00 Each		
	CC 70	Ctr. Ch.; Bass Ref.	Yes	(2)5¼			¾	Dome		90		6/	7 x 17 x 12	Gray	Gray Knit	19	350.00 Each		
	SW 40	Powered Bass Ref. Sub.	No	8			¾	Dome		90	Var.	6/	17 x 13 x 18	Gray	Gray Knit	29	550.00 Each		
	SW 60	Powered Bass Ref. Sub.	No	10							Var.		16 x 21 x 14	Gray		58	850.00 Each		
	SW 120	Powered Bass Ref. Sub.	No	12							Var.		20 x 21 x 16	Gray		70	1250.00 Each		
	IC 50	In-Ceiling	No	5¼			½	Dome				8/	8 Dia.						
	IW 51	In-Wall	No	5¼			1	Dome				8/	11 x 8						
IW 61	In-Wall	No	6½			1	Dome				8/	12 x 9							
IW 81	In-Wall	No	8			1	Dome		90		8/	14 x 10							
JRM	Reference System Monitor I	Powered		(2)18, (8)8		Horn	1%	Horn	18-20		125, 1k, 7k		Nine Pieces	Opt.	Opt.		26,100 Sys.		
	Monitor II	Powered		15, (2)8	(2)3	Cones	(2)1%	Horns	18-20		150, 1k, 5k		Three Pieces	Opt.	Opt.		8640.00 Sys.		
	S18B	QB3 Vented Sub.		(2)15, (2)8	(2)3	Cones	(2)1%	Horns	18-20		150, 1k, 5k		Four Pieces	Opt.	Opt.		w/Xover 10,800 Sys.		
	S18B-5	Powered Sub.		18					30-250 Hz ±1.5	95	Sel.	8/6	Opt., 8 Cu. Ft.	Opt.	Opt.	150	1350.00 Each		
	S15A	QB3 Vented Sub.		15					20-200 Hz ±1.5		Sel.		Opt., 8 Cu. Ft.	Opt.	Opt.		3100.00 Each		
	S15A-5	Powered Sub.		15					30-300 Hz ±1.5	92	Sel.	8/6	Opt., 6 Cu. Ft.	Opt.	Opt.	130	1170.00 Each		
	D15A-5	Powered Sub.		(2)15					20-250 Hz ±1.5		Sel.		Opt., 4 Cu. Ft.	Opt.	Opt.		2900.00 Each		
		Powered Sub.							19-300 Hz ±1.5		Sel.		Opt., 10 Cu. Ft.	Opt.	Opt.		3300.00 Each		
JS AUDIO	Center Bipolar	Ctr. Ch.; Ac. Sus.	Opt.	(2)6½	5	Cone	1	Dome	50-20 ±2	92	600, 4k	6/8	26 x 9 x 6	Opt.	Opt.	25	600.00 Each		
	26J	Bipolar Surround	Opt.	6½	(2)5	Cones	(2)1	Domes	60-22 ±2	92	300, 4k	6/6	11 x 11 x 5	Opt.	Opt.	20	900.00 Pair		
	26P	Ac. Sus.	Opt.	6			1	Dome	46-21 ±4	94	2.5k	8/	12 x 8 x 8	Oak	Opt.	18	450.00 Pair		
	28P	Vented	Opt.	6			1	Dome	40-22 ±3	92	2.5k	8/	16 x 10 x 11	Oak	Opt.	23	650.00 Pair		
	38P	Vented	Opt.	8	3	Cone	1	Dome	38-22 ±4	91	2.5k	8/	19 x 12 x 10	Oak	Opt.	25	650.00 Pair		
	310P	Vented	Opt.	8	5	Cone	1	Dome	32-22 ±3	93	700, 4k	8/	19 x 12 x 10	Oak	Opt.	33	1100.00 Pair		
	412P	Vented	Opt.	10	5	Cone	1	Dome	28-22 ±3	95	700, 4k	8/	24 x 14 x 10	Oak	Opt.	60	1600.00 Pair		
		Vented	Opt.	12	5	Cone	(2)1	Dome, Horn	24-23 ±3	98	600, 4k, 10k	8/	27 x 16 x 12	Oak	Opt.	75	2100.00 Pair		
	415P	Vented	Opt.	15	5	Cone	(3)1	Dome, Horns	22-24 ±3	99	600, 4k, 12k	8/	36 x 19 x 12	Oak	Opt.	100	2900.00 Pair		
	(Continued) 612P	Vented	Opt.	(2)12	(2)5	Cones	(4)1	Domes	24-22 ±3	99	600, 4k, 10k	8/4	74 x 16 x 12	Oak	Opt.	150	4800.00 Pair		

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CIRCLE NO. 96 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS							Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
			Opt.	12	5	Cone	(2)1	Dome, Horn Domes	24-23 ±3									
JS AUDIO (Continued)	412T	Vented	Opt.	12	5	Cone	(2)1	Dome, Horn Domes	24-23 ±3	98	600.4k, 10k	8/	33 x 8 x 16	Opt.	Opt.	65	2500.00 Pair	
	Mesa II	Trans. Line	Opt.	12	2	Dome	1½,1	Domes	25-25 ±2	90	400.3k, 10k	8/	33 x 16 x 15	Oak	Opt.	90	4000.00 Pair	
	DC I	Vented	Opt.	(2)10	(2)4	Cones	(4)1	Domes	22-20 ±2	96	400.4k, 10k	8/	61 x 8 x 16	Oak	Opt.	100	5400.00 Pair	
	Subwoof 310N	Vented Sub. Vented	Opt.	15					20-120 Hz	91	120	8/4	18 x 18 x 19	Oak	Opt.	78	950.00 Each	
	415 15	Vented	Opt.	10	4	Cone	1	Dome	32-22 ±3	91	700.3k	8/	24 x 14 x 10	Oak	Opt.	60	1700.00 Pair	
			Opt.	(2)15	4	Cone	1	Dome	24-22 ±3	96	300,600, 4k,10k, 14k	8/	48 x 19 x 12	Oak	Opt.	125	3800.00 Pair	
JVC	SX-SW9	Sats. & Sub.		(2)5¾	4	Cone	1	Dome	45-20			6/	Three Pieces	Metal; Wood Simulated	Bk. Metal; Gray Metal	32	499.95 Sys.	
	SP-XS6BK	Surround Ch.; Ac. Sus.			5	Cone			50-12			8/	8 x 27 x 8	Bk. Metal	Bk. Metal	10	180.00 Pair	
	SP-X5TH	Ctr. & Surround Ch.	Yes	4	4	Cone	2	Cone	75-20			8/	Three Pieces	Bk. Wood Gray	Bk. Knit	10	170.00 Sys.	
	SX-PRO3	Powered	Yes	5	5	Cone	1	Dome	30-20			6/	10 x 40 x 16	Gray	Gray Knit	39	770.00 Pair w/Processor	
	SX-ST1	Powered; Sats. & Sub.	Yes	5			4	Cone	30-20			6/	Three Pieces	Gray	Bk. Metal	31	550.00 Sys.	
	SX-F7TH SX-SW5TH	Sats. & Sub.	Yes	7	7	Cone	1	Dome	32-20			8/	10 x 40 x 16	Bk. Gray	Bk. Knit	37	440.00 Pair	
			Yes	(2)5			4	Cone	45-16			8/	Three Pieces	Gray	Bk. Knit	31	300.00 Sys.	
KEF	Reference 4	Coupled Cavity	Yes	(2)10	(3)6½	Cones	1	Dome	25-20 ±2	92	160,500, 2.8k	6/4	48 x 12 x 15	Opt., Wood	Bk. Knit	108	6000.00 Pair	
	Reference 3	Coupled Cavity	Yes	(2)8	(2)6½	Cones	1	Dome	30-20 ±2	91	140,400, 3k	6/4	45 x 11 x 13	Opt., Wood	Bk. Knit	77	3600.00 Pair	
	Reference 2	Coupled Cavity	Yes	(2)6½	6½	Cone	1	Dome	40-20 ±3	90	150,3k	6/4	40 x 9 x 12	Opt., Wood	Bk. Knit	65	2600.00 Pair	
	Reference 1	Coupled Cavity	Yes	6½	6½	Cone	1	Dome	50-20 ±2	89	140,2.8k	6/4	34 x 9 x 12	Opt., Wood	Bk. Knit	57	2000.00 Pair	
	TDM 23 F	THX; Main Ch.	Yes	(2)	(2)3	Cones	¾	Dome	50-20 ±2	90	200,5k	8/4	28 x 12 x 7	Opt., Knit Wrap	Bk. Knit	32	1700.00 Pair	
	TDM 23 C	THX; Ctr. Ch.	Yes	6x8½	(2)3	Cones	¾	Dome	50-20 ±2	90	200,5k	8/4	10 x 28 x 7	Opt., Knit Wrap	Bk. Knit	31	850.00 Each	
	TDM 34 DS	THX; Dipole Surround	No	(2)	(2)6½	Cones	(2)1	Domes	50-20 ±2	89	200,3.5k	6/4	12 x 17 x 8	Opt., Knit Wrap	Bk. Knit	43	1250.00 Pair	
	TDM 45 B	THX; Powered Sub.	No	6x8½	15				18-150 Hz	115 Max.	50-150		18 x 18 x 20	Opt., Knit Wrap	Bk. Knit	62	1200.00 Each	
	RDM Two	Bass Ref.	Yes	6½			1	Dome	65-20 ±2	90	2.1k	8/6	13 x 9 x 10	Opt.	Bk. Knit	37	1200.00 Pair	
	RDM One	Ac. Sus.	No	6½			1	Dome	75-20 ±2	87	2.1k	8/6	12 x 9 x 9	Opt.	Bk. Knit	28	900.00 Pair	
	Q-75	Bass Ref.	Yes	(2)	6½	Cone	1	Dome	33-20 ±3	91	120,3.3k	8/6	40 x 9 x 11	Opt., Wood	Bk. Knit	88	1500.00 Pair	
	Q-65	Bass Ref.	Yes	6x8½	6½	Cone	1	Dome	35-20 ±2	91	120,3.3k	8/6	36 x 9 x 11	Opt., Wood	Bk. Knit	72	1200.00 Pair	
	Q-55	Bass Ref.	Yes	6½	6½	Cone	1	Dome	37-20 ±2	91	3.3k	8/6	34 x 8 x 10	Opt., Wood	Bk. Knit	58	800.00 Pair	
	Q-35	Bass Ref.	Yes	6½			1	Dome	40-20 ±2	91	3.3k	8/6	30 x 8 x 10	Opt., Wood	Bk. Knit	50	600.00 Pair	
	Q-15	Bass Ref.	Yes	6½			1	Dome	46-20 ±2	91	3.3k	8/6	12 x 8 x 10	Opt., Wood	Bk. Knit	24	350.00 Pair	
	200C	Ctr. Ch.	Yes	(2)6½	6½	Cone	1	Dome	50-20 ±2	90	400,2.7k	6/4	7 x 30 x 7	Gray	Bk. Knit	24	1000.00 Each	
	100C	Ctr. Ch.	Yes	6½			1	Dome	60-20 ±2	90	3k	8/6	7 x 18 x 7	Gray	Bk. Knit	12	500.00 Each	
	95C	Ctr. Ch.	Yes	6½			1	Dome	70-20 ±3	91	3.3k	8/6	7 x 18 x 7	Gray	Bk. Knit	9	350.00 Each	
	80C	Ctr. Ch.	Yes	5¼	¾	Dome	¾	Dome	80-20 ±2	89	3k	8/6	6 x 18 x 7	Gray	Bk. Knit	6	200.00 Each	
	65 DS	Dipole Surround	Yes	5¼	(2)¾	Domes	(2)¾	Domes	65-20 ±2	88		10/8	9 x 14 x 6	Opt., Knit Wrap	Bk. Knit	24	600.00 Pair	
70S	Sat.	Yes	6½	1	Dome	1	Dome	120-20 ±2	88	3k	8/6	10 x 7 x 5	Opt., Knit Wrap	Bk. Metal	14	500.00 Pair		
60S	Bass Ref.	Yes	5¼	¾	Dome	¾	Dome	100-20 ±2	89	3k		10 x 6 x 8	Opt.	Opt., Knit	8	320.00 Pair		
55S	Ac. Sus.		4	¾	Dome	¾	Dome	120-20 ±2	88	3k		8 x 6 x 4	Opt., Knit	Opt., Knit	6	200.00 Pair		
A-VI	THX; Powered, Coupled-Cavity Sub.		(2)10					22-150 Hz	115 Max.	80-150		17 x 22 x 20	Opt., Wood		109	3700.00 Each		
35B	Powered, Coupled-Cavity Sub.		12					33-150 Hz ±2	113 Max.	50-150		18 x 16 x 16	Bk. Ash		39	550.00 Each		
25B	Powered, Bass Ref. Sub.		10					38-150 Hz ±2	111 Max.	50-150		16 x 14 x 14	Bk. Ash		36	400.00 Each		
KENWOOD	1050SW	Powered, Ported Sub.	No	12					30-200 Hz		50-200 (Var.)		14 x 22 x 19	Bk.	Bk. Knit	53	350.00 Each	
	103SW	Powered, Ported Sub.	No	10					30-200 Hz		50-200 (Var.)		12 x 19 x 16	Bk.	Bk. Knit	40	250.00 Each	
	KVS-400	Ported		(2)8	4	Cone	¾	Dome		90	900,2.5k, 4.8k	8/	38 x 11 x 12	Bk.	Bk. Knit	40	350.00 Pair	
	KVS-300	Ported		8	4	Cone	¾	Dome		90	3k,5k	8/	35 x 11 x 12	Bk.	Bk. Knit	34	250.00 Pair	
	KVS-200 CRS-300	Ported Ctr. & Surround Ch.; Ac. Sus.		6½	(4)4		¾	Dome		90	8k	8/	18 x 9 x 9	Bk. Bk.	Bk. Knit	15	170.00 Pair	
												Three Pieces	Bk. Bk.	Bk. Knit		100.00 Sys.		
KHARMA	Exquisite Reference 1a	Vented	No	12	7	Cone	1	Dome	30-25 ±3	90	250,2k	8/	45 x 28 x 16	Opt.	None	552	56,999 Pair	
	Audiocratique 1B	Vented	No	(2)11	(2)5	Cones	1	Dome	25-25 ±3	92	200,2k	4/	80 x 22 x 16	Opt.	Bk. Knit	375	61,999 Pair	
	Ceramique 1.0	Vented	No	11	5	Cone	1	Dome	30-25 ±3	90	200,2k	8/	44 x 20 x 16	Opt.	Bk. Knit	139	12,999 Pair	
	Ceramique 2.0	Vented	No	9	5	Cone	1	Dome	35-25 ±3	89	200,2k	8/	40 x 18 x 14	Opt.	Bk. Knit	103	9799.00 Pair	
	Ceramique 3.0	Vented	No	7			1	Dome	35-25 ±3	86	1,75k	8/	36 x 16 x 12	Opt.	Bk. Knit	70	6499.00 Pair	
	Divine 1a	Vented	No	8			1	Dome	30-25 ±3	89	2k	8/	48 x 14 x 15	Opt.	Bk. Knit	104	6289.00 Pair	
	Divine 2a	Vented	No	8			1	Dome	30-25 ±3	89	2k	8/	48 x 14 x 15	Opt.	Bk. Knit	103	4499.00 Pair	
	Divine 3a	Vented	No	7			1	Dome	35-25 ±3	89	2k	8/	46 x 14 x 14	Opt.	Bk. Knit	73	3799.00 Pair	
	Divine HTS	Vented	Yes	5			1	Dome	60-25 ±3	86	2k	8/	11 x 7 x 9	Opt.	Bk. Knit	11	1999.00 Pair	
KINERGETICS RESEARCH	Reference SW 800	Sealed Sub.	No	(5)10					17-100 Hz ±3	96	60-120 (Var.)	4/	12 x 16 x 58	Opt., Oak	Bk. Knit	95	4495.00 Pair w/Xover	
	Reference SW 800 mini	Sealed Sub.	No	(3)10					17-100 Hz ±3	96	60-120 (Var.)	4/	12 x 16 x 38	Opt., Oak	Bk. Knit	65	3395.00 Pair w/Xover	

# M33

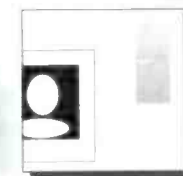
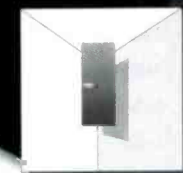
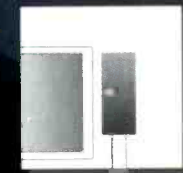
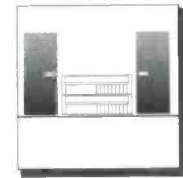
Compact Active Loudspeaker system



Another small miracle from Meridian

We started making Active Loudspeakers in 1977 and we have learned a few things along the way! The brilliant new M33 brings many features from our *Stereophile Class A* rated DSP loudspeakers in a compact and adaptable form. We use a high technology all alloy cabinet for very low coloration and cooling, a super low feedback discrete amplifier with bus bar grounding and error corrected output for stunning performance and shielded long throw carbon fibre drive units for delivery.

The M33 Active loudspeaker can be used anywhere to provide the highest sound quality from the smallest package. A miracle indeed.



BOOTHROYD STUART  
**MERIDIAN**

**Meridian America Inc**  
3800 Camp Creek Parkway  
Building 2400, Suite 122  
Atlanta GA 30331  
T (404) 344-7111  
F (404) 346-7111

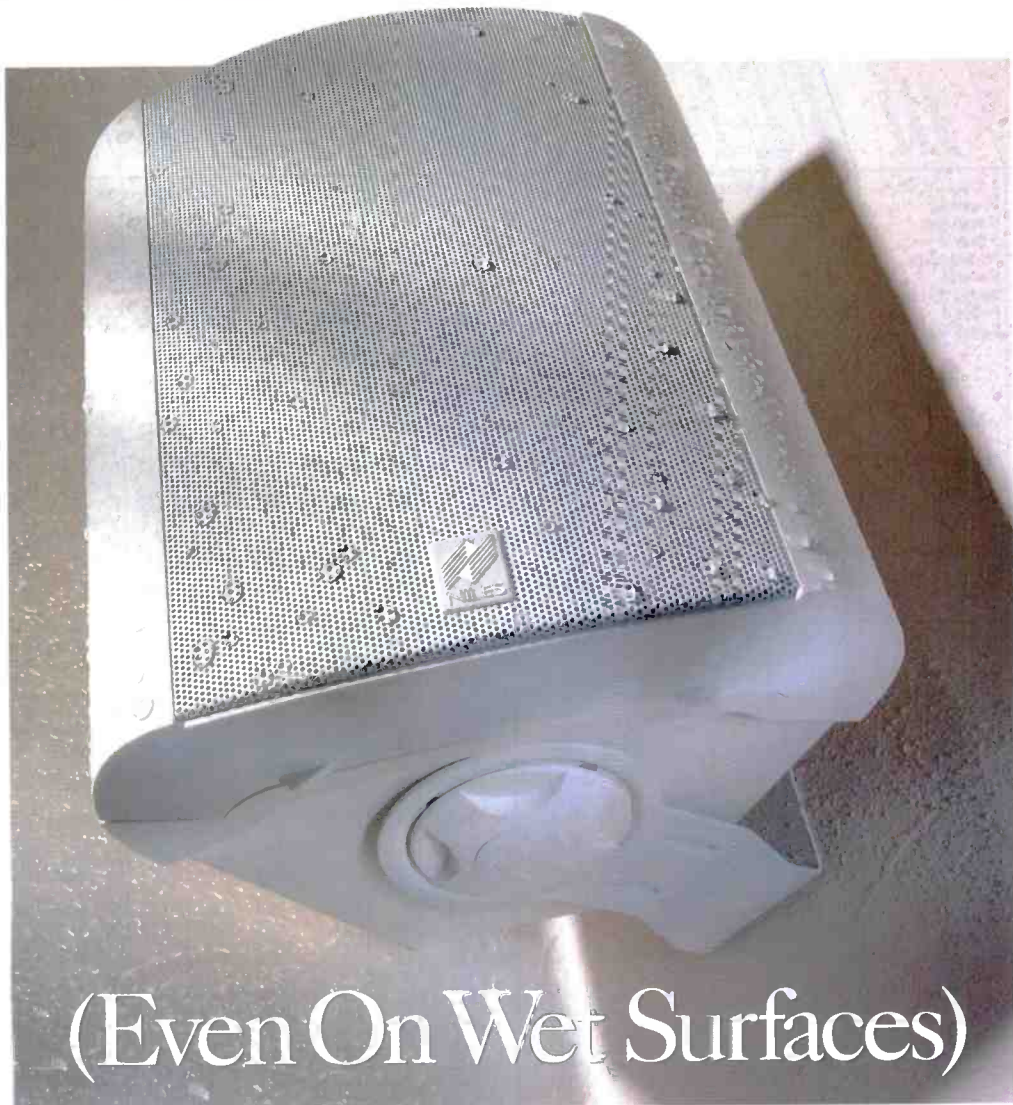
**Aralex Acoustics Ltd**  
106-42 Fawcett Road, Coquitlam  
BC V3K 6X9  
T (604) 528 8965  
F (604) 527 3886

<http://www.meridian-audio.com>

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS					Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms; Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$		
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches										Tweeter Type	
KINETIC AUDIO	Exception	TAL (Tapered Acoustic Line)		8 or 6½			1	Dome	38-22 ±2	91	1.8k/2.8k (Sel.)	Sel.	10 x 10 x 26	Opt., Wood	Blk. Knit	65	4000.00 Pair	
	Inversion	TATL (Tapered Ac. Trapezoid Line)		12	2	Dome	1	Dome	18-22 ±2	91	900,5k	Sel.	15 x 15 x 40	Opt., Wood	Blk. Knit	95	6000.00 Pair	
	Refined Ethereal Nonpareil	TATL		12	6½	Cone	2,1	Domes	18-22 ±2	90	90,1k,5k	Sel.	15 x 16 x 48	Opt., Wood	Blk. Knit	140	8500.00 Pair	
					12	6½	Cone	2,1	Domes	12-22 ±1.5	90	90,1k,5k	Sel.	15 x 18 x 54	Opt., Wood	Blk. Knit	195	11,000 Pair
					12	6½	Cone	2,1½,1	Domes	12-22 ±1.5	90	90,1k,5k, 9k	Sel.	15 x 20 x 60	Opt., Wood	Blk. Knit	265	15,000 Pair
		Stat Identity (Impulse)	TAL		6½			1	Dome	38-22 ±3	91	2k	6/	9 x 15 x 9	Opt., Wood	Blk. Knit	35	3000.00 Pair
			TATL		12	6½	Cone	1	Dome	18-22 ±2.5	91	180,2k	8/	15 x 15 x 26	Opt., Wood	Blk. Knit	95	5000.00 Pair
		Trapezoid	TATL		12	6½	Cone	1½,1	Domes	18-22 ±2.5	90	180,2k,5k	8/	16 x 15 x 40	Opt., Wood	Blk. Knit	120	7000.00 Pair
		Labyrinth	TATL		12	6½	Cone	2,1	Domes	16-22 ±2	90	90,1k,5k	6/	16 x 18 x 48	Opt., Wood	Blk. Knit	185	9000.00 Pair
		Inclusive Series	TATL Tower	No	12	6½	Cone	2,1	Domes	18-22 ±2.5	91	90,1k,5k	8/3	15 x 48 x 18	Opt., Knit	Opt., Knit	245	12,000 Pair
		Labyrinth												Wood Ven.				w/Stands
		Inclusive Series	Dual TATL Tower	No	(2)12	6½	Cone	2,1½,1	Domes	14-22 ±2	90	90,1k,4k, 9k	4/2	18 x 72 x 22	Opt.,	Opt.	405	20,000 Pair
		Standard	TATL		12	6½	Cone	2,1¾	Domes	12-22 ±2	90	90,1k,5k, 9k	6/	16 x 20 x 72	Wood Ven.	Blk. Knit	250	12,000 Pair
		Trapezium												Opt., Wood				w/Stands
		Standard (Titan)	TATL		(2)12	6½	Cone	2,1¾	Domes	12-22 ±2	91	60,90,1k, 5k,9k	6/	18 x 22 x 72	Opt., Wood	Blk. Knit	295	14,000 Pair
		Event Nouveau	TAL		6½			1	Dome	40-20 ±3.5	90	2k	Sel.	8 x 7 x 12	Oak	Knit	25	850.00 Pair
			TAL		8 or 6½			1	Dome	38-20 ±3	92	2k	6/	10 x 9 x 16	Oak	Knit	40	950.00 Pair
		Traditional Efficiency	TAL		12			1	Dome	28-20 ±3	92	2k	4/	14 x 12 x 25	Oak	Knit	50	1500.00 Pair
		Vented (Var-i-vent)			12			1	Dome	20-20 ±3	91	1k,5k	6/	15 x 12 x 38	Oak Ven.	Knit	80	2000.00 Pair
		Direct	TATL Tower	Opt. Yes	12	2	Dome	1½	Dome	20-20 ±3	91	1k,5k	8/3	15 x 40 x 15	Oak Ven.	Blk. Knit	125	2500.00 Pair
		Classic Stat	Ctr. Ch.; Dual TATL	Opt. Yes	6½	6½	Cone	1½	Dome	34-20 ±3	92	750,3k	4/2	12 x 20 x 9	Oak Ven.	Opt., Knit	75	2800.00 Pair
		Exclusive	TATL Tower (Var-i-vent)	Opt.	12	6½	Cone	2,1	Domes	20-20 ±3	91	175,1k,5k	Sel.	40 x 15 x 15	Opt., Oak	Blk. Knit	130	3000.00 Pair
		Exemplar WITH	TATL (Var-i-vent)		12	6½	Cone	2,1	Domes	20-20 ±3	90	180,1k,5k	Sel.	14 x 14 x 44	Opt., Wood	Knit	125	3500.00 Pair
		Subwoofer	TAL Sub.		12					25-2 ±3	91	90	Sel.	17 x 17 x 18	Opt., Wood	Knit	80	650.00 Each
		Mono/Stereo																
		Basic Imprimis	TATL Sub.		12					18-2 ±2	92	90	Sel.	15 x 15 x 26		None	80	800.00 Each
		Subwoofer																
		Basic Trapezoid	TATL Sub.		12					16-2 ±1.5	92	90	Sel.	16 x 15 x 40		None	95	900.00 Each
		Subwoofer																
		Imprimis	TATL Sub.		12					18-2 ±2	92	90	Sel.	15 x 15 x 26	Opt., Wood	Blk. Knit	85	1000.00 Each
		Subwoofer																
		Trapezoid	TATL Sub.		12					16-2 ±1.5	92	90	Sel.	16 x 15 x 40	Opt., Wood	Blk. Knit	105	1200.00 Each
	Subwoofer																	
	In-Wall Elective	In-Wall; Sub.		12					18-2 ±2	91	90	Sel.	13 x 6 x 13		Opt.	15	500.00 Each	
	Subwoofer																	
	In-Wall	In-Wall		6½			1	Dome	38-20 ±3	90	2k	8/5	7 x 4 x 13		Opt.	14	800.00 Pair	
	Elaborate																	
	In-Wall Merit	In-Wall		8			1	Dome	36-20 ±2.5	91	2k	8/5	9 x 4 x 13		Opt.	14	900.00 Pair	
	In-Wall Rex	In-Wall		12	2	Dome	1	Dome	18-22 ±2.5	91	1k,5k	8/6	13 x 7 x 24		Opt.	19	1800.00 Pair	
KIRKSAETER	Prisma 40 Rear	Surround Ch.; Ported	No	4			1	Dome	80-20	87	2.5k	8/4	5 x 4 x 10	Opt., Lam.	Blk. Knit	6	149.50 Each	
	Prisma 50 Compact	Ported	No	6			1	Dome	42-20	90	2.5k	8/4	7 x 9 x 11	Opt., Lam.	Blk. Knit	10	199.50 Each	
	Prisma 80 Monitor	Ported	No	7½			1	Dome	35-20	90	2.5k	8/4	9 x 11 x 18	Opt., Lam.	Blk. Knit	17	299.50 Each	
	Prisma 100 Tower	Ported	No	7½	6	Cone	1	Dome	30-20	91	800,4k	8/4	9 x 10 x 34	Opt., Lam.	Blk. Knit	30	449.50 Each	
	Prisma 150 Tower	Ported	No	(2)9	6	Cone	1	Dome	30-22	92	700,4k	8/4	11 x 11 x 38	Opt., Lam.	Blk. Knit	38	549.50 Each	
	Prisma 200 Tower	Ported	No	(2)7½	6	Cone	1	Dome	28-20	92	800,4k	8/4	9 x 10 x 42	Opt., Lam.	Blk. Knit	47	599.50 Each	
	Prisma 250 Tower	Ported	No	(2)9	6	Cone	1	Dome	28-22	92	700,4k	8/4	11 x 11 x 44	Opt., Lam.	Blk. Knit	55	749.50 Each	
	Prisma 300 Tower	Ported	No	(2)9	6.2	Cone, Dome	1	Dome	25-25	92	650,1.2k, 4k	8/4	11 x 11 x 44	Opt., Lam.	Blk. Knit	56	999.50 Each	
	Center 70	Ctr. Ch.; Inf. Baf.	Yes	(2)4			1	Dome	40-20	89	2.5k	8/4	18 x 5 x 5	Opt., Lam.	Blk. Knit	17	199.00 Each	
	Center 100	Ctr. Ch.; Inf. Baf.	Yes	(2)6			1	Dome	35-20	90	2.7k	8/4	19 x 8 x 8	Blk. Vinyl	Blk. Knit	18	299.00 Each	
	Subwoofer 100	Powered, Ported Sub.	No	(2)7½					30-240 Hz	90	80-240		21 x 13 x 9	Blk. Vinyl	Blk. Knit	30	799.00 Each	
	Active Spectra 82 Compact	Ported	No	7½			1	Dome	35-25	90	2.3k	8/4	9 x 12 x 18	Blk. Oak Vinyl	Blk. Knit	17	349.50 Each	
	Spectra 102 Tower	Ported	No	7½	7½	Cone	1	Dome	28-25	90	600,4.5k	8/4	9 x 10 x 37	Blk. Oak Vinyl	Blk. Knit	42	549.50 Each	
	Spectra 202 Tower	Ported	No	(2)7½	7½	Cone	1	Dome	26-25	91	600,4.5k	8/4	9 x 10 x 42	Blk. Oak Vinyl	Blk. Knit	46	724.50 Each	
	Spectra 252 Tower	Ported	No	(2)8¾	7½	Cone	1	Dome	25-25	92	600,3.5k	8/4	10 x 12 x 44	Blk. Oak Vinyl	Blk. Knit	48	849.50 Each	
Spectra 300	Ported	No	(2)8¾	7½	Cone	1	Dome	25-25	92	600,1.2k, 3.5k	8/4	10 x 12 x 44	Blk. Oak Vinyl	Blk. Knit	50	1099.50 Each		
KLH AUDIO SYSTEMS	82TA		No	(2)7	3	Dome	1	Dome	35-20	87	200,800, 3k	8/5	38 x 9 x 11	Opt.	Blk. Knit	51	449.99 Each	
	62T		No	(2)7	5¼	Cone	1	Dome	35-20	87	200,800, 3k	6/5	38 x 9 x 11	Opt.	Blk. Knit	42	350.00 Each	
	V.41		Yes	(4)4½			1	Dome	90-20	86	700,1.9k, 3k	8/6	40 x 7 x 8	Gray	Gray Knit	35	250.00 Each	
	V.354	Ctr. Ch.	Yes	(4)4½			1	Dome	90-20	86	700,1.9k, 3k	8/6	7 x 25 x 8	Gray	Gray Knit	24	250.00 Each	
	V.02	Surround Ch. Main or	Yes	4½			1	Dome	90-20	86	3k	8/6	12 x 7 x 9	Gray	Gray Knit	11	229.99 Pair	
	Platinum 325	Surround Ch. Ctr. Ch.; Inf. Baf.	Yes	(2)3¾			¾	Dome	80-20	88	500,3k	8/5.5	12 x 5 x 6	Blk.	Blk. Knit	5	149.99 Pair	
(Continued)	Platinum 525		Yes	(4)3¾			¾	Dome	80-20	88	1k,3k	8/7	19 x 5 x 6	Blk.	Blk. Knit	9	149.99 Each	

# Corners Beautifully.



Tapered to tuck neatly into corners and under eaves, the OS-10 comes with a clever pivoting bracket that provides endless mounting solutions.



Tough enough for marine applications and beach-front living. Exceeds military anti-corrosion specs (MIL-STD-883D).



**ElastoDynamic™ Hybrid Dome Tweeter**  
Impervious to moisture. Niles' unique tweeter design offers extended frequency response with stunning detail and clarity.

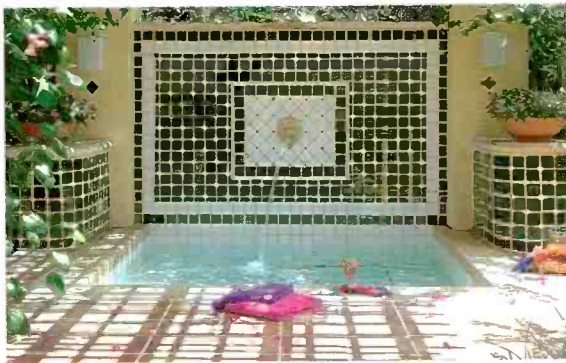
(Even On Wet Surfaces)

Niles' speaker engineers are driven to design the very best. The result is unparalleled performance—sonically, visually, and functionally. The Niles OS10 Indoor/Outdoor Loudspeaker will exceed all of your expectations.

**Sonically.** The OS10 handily outperforms many traditional bookshelf speakers. Much of its superb sonic character comes from its unique tweeter design. Constructed from a composite matrix of elastomers and natural fiber substrates, the **ElastoDynamic™** tweeter yields extended frequency response with stunning detail and clarity. But to be a great speaker, you need great bass. Here the OS10 shows its true horsepower thanks to its injection-molded, polypropylene Woofer cone, supple butyl-rubber surround, and powerful magnet structure.



**Visually.** The OS10's aerodynamic shape speaks for itself. But what may not be readily apparent speaks just as loudly.



The OS10's tapered enclosure tucks neatly into corners or under eaves, complementing any decor—inside or out. Its clever pivoting bracket (standard equipment on the OS10) gives you endless mounting solutions. Available in white or black, either finish is paintable for a truly custom look.

**Functionally.** We don't take the term "weather-proof" lightly. The OS10 is designed to withstand extreme climates—from Minneapolis to Miami. Its rugged, non-resonant cabinet is totally sealed (insects or moisture can't creep in) and will not fade under the sun's rays. The grills and brackets are aluminum; the connectors are gold-plated; all the hardware is brass or stainless steel—this speaker will not rust! And Niles guarantees it for two years—that's twice as long as most manufacturers.

For the name and phone number of your nearest authorized Niles dealer call 1-800-BUY-HIFI (1-800-289-4434).



**Niles Audio Corporation, Inc.**  
P.O. Box 160818 Miami, FL 33116  
In-Canada call Aralex Acoustics, Ltd. (604) 528-8965  
Internet: [www.nilesaudio.com](http://www.nilesaudio.com)  
CIRCLE NO. 112 ON READER SERVICE CARD



# LOUDSPEAKERS

MANU-FACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$		
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type											
KLH AUDIO SYSTEMS (Continued)	HTA-810	4 Sats., Ctr. Ch. & Powered, Vented Sub.	Yes	10	(6)3%		(5)%	Domes	30-20	86		8/7	Six Pieces	Blk.	Blk. Knit	60 Sys.	449.99 Sys.		
	HTA-510	5 Sats. & Powered Sub.	Yes	10	(10)3%		(5)%	Domes	28-20	87		8/7	Six Pieces	Blk.	Blk. Knit	69 Sys.	499.99 Sys.		
	ASW10-100	Powered, Vented Sub.	No	10									30-200 Hz	50-200 (Adj.)	17 x 16 x 14	Blk.	Blk. Knit	40	299.99 Each
	ASW12-120	Powered, Vented Sub.	No	12									24-200 Hz	50-200 (Adj.)	16 x 18 x 22	Blk.	Blk. Knit	55	399.99 Each
	21	Vented Sub.	Yes	6½			1	Dome	50-22	88		8/	16 x 9 x 9	Blk. Wood Vinyl	Blk. Knit	14	169.99 Pair		
	311	Vented	Yes	8	5¼	Cone	¾	Dome	50-20	89		8/	23 x 11 x 10	Blk. Wood Vinyl	Blk. Knit	22	199.99 Pair		
	41	Vented	No	12	5¼	Cone	1	Dome	24-22	90	900,2.8k	8/	29 x 15 x 12	Blk. Wood Vinyl	Blk. Knit	37	199.99 Each		
	51	Pas. Rad., Sealed	No	12	5¼	Cone	1	Dome	20-22	90	900,2.8k	8/	43 x 15 x 12	Blk. Wood Vinyl	Blk. Knit	25	249.99 Each		
	71	Dual Ported	No	15	5¼	Cone	3,1	Cone, Dome	20-20	92	900,2.8k	8/	38 x 19 x 12	Blk. Wood Vinyl	Blk. Knit	29	269.99 Each		
	AV1001	Indoor/Outdoor; Sat.	Yes	5¼			¾	Dome	80-20			8/	11 x 6 x 7	Blk.	Blk. Knit	8	99.99 Pair		
46	Indoor/Outdoor; Sat.	Yes	4	1¼	Cone	¾	Piezo	90-20	85	2.8k,10k	6/5	8 x 6 x 5	Blk. Wht.	Blk. Wht.	3	59.99 Pair			
970A	Indoor/Outdoor; Sat.	No	4	1¼	Cone	¾	Piezo	90-20			6/4	7 x 5 x 4	Blk.	Blk.	3	49.99 Pair			
KLIPSCH	Klipschorn Belle Klipsch	Folded Horn	No	15	1½	Horn	1	Horn	35-17 ±3	104	400,6k	8/4	52 x 31 x 28	Opt., Wood	Opt., Cane	167	5798.00 Pair		
	La Scala	Folded Horn	No	15	1½	Horn	1	Horn	45-17 ±5	104	500,6k	8/4	36 x 30 x 19	Opt., Wood	Opt., Cane	125	4298.00 Pair		
	Heresy II	Inf. Bat., Sealed	No	15	1½	Horn	1	Horn	45-17 ±5	104	400,6k	8/4	36 x 24 x 25	Opt.	Opt.	123	2798.00 Pair		
	KLF 30	Bass Ref.	No	12	1½	Horn	1	Horn	50-20 ±3	96	700,6k	8/4	21 x 16 x 13	Opt., Wood	Opt., Cane	37	1098.00 Pair		
	KLF 20	Bass Ref.	No	(2)12	1½	Horn	1	Horn	36-20 ±3	102	750,7k	8/4	45 x 14 x 16	Opt., Wood	Blk. Knit	102	1799.00 Pair		
	KLF 10	Bass Ref.	No	(2)10	1½	Horn	1	Horn	34-20 ±3	100	825,7k	8/4	41 x 12 x 16	Opt., Wood	Blk. Knit	87	1499.00 Pair		
	KLF C7	Powered	Yes	(2)8			1	Horn	32-20 ±3	98	2.3k	8/4	38 x 12 x 16	Opt., Wood	Blk. Knit	65	1099.00 Pair		
	KSP 300	Ctr. Ch., Ac. Sus.	Yes	12	6½	Cone	1	Horn	25-20 ±3	99	2k	8/4	11 x 27 x 9	Opt., Wood	Blk. Knit	40	599.00 Each		
	KSP 400	Bass Section Powered	Yes	15	(2)6½	Cones	1	Horn	32-20 ±3	94	2.6k	8/4	41 x 9 x 18	Opt., Wood	Blk. Knit	76	2000.00 Pair		
	KSP C6	Bass Section Ctr. Ch., Ac. Sus.	Yes	(2)6½			1	Horn	27-20 ±3	95	80,3k	8/4	48 x 9 x 20	Opt., Wood	Blk. Knit	125	3500.00 Pair		
	KSP S6	Surround Ch., Ac. Sus.	No	(2)6½			(2)1	Horn	63-20 ±3	94	3k	8/4	8 x 24 x 8	Blk. Vinyl	Blk. Metal	28	499.00 Each		
	KSF 10.5	Bass Ref.	Yes	(2)8			1	Horn	63-20 ±3	94	2.8k	8/4	14 x 14 x 7	Opt., Vinyl	Blk. Metal	24	750.00 Pair		
	KSF 8.5	Bass Ref.	Yes	8			1	Horn	63-20 ±3	94	2.2k	8/4	38 x 10 x 13	Opt., Vinyl	Blk. Knit	55	800.00 Pair		
	KSF C5	Ctr. Ch., Bass Ref.	Yes	(2)6½			1	Horn	36-20 ±3	94	2.2k	8/4	36 x 10 x 13	Opt., Vinyl	Blk. Knit	47	650.00 Pair		
	KSF S5	Surround Ch., Ac. Sus.	No	6½			(2)1	Horns	63-20 ±3	96	2.2k	8/4	8 x 24 x 7	Blk. Vinyl	Blk. Metal	16	349.00 Each		
	KAW 1.1	Outdoor, Bass Ref.	No	5¼			1	Horn	60-20 ±3	93	1.8k	8/4	8 x 18 x 7	Opt., Vinyl	Blk. Metal	13	450.00 Pair		
	KSB 3.1	Bass Ref.	Yes	8			1	Horn	65-20 ±3	92	2.8k	8/4	11 x 7 x 6	Wht.	Wht. Metal	5	329.00 Pair		
	KSB 2.1	Bass Ref.	Yes	6½			1	Horn	45-20 ±3	94	2.8k	8/4	17 x 9 x 9	Opt., Vinyl	Blk. Metal	16	429.00 Pair		
	KSB 1.1	Bass Ref.	Yes	5¼			1	Horn	55-20 ±3	93	2.8k	8/4	15 x 8 x 8	Opt., Vinyl	Blk. Metal	11	329.00 Pair		
	KSC C1	Ctr. Ch., Ac. Sus.	Yes	(2)5¼			1	Horn	65-20 ±3	92	2.8k	8/4	11 x 7 x 6	Opt.	Metal	5	229.00 Pair		
	KSB S1	Surround Ch., Ac. Sus.	No	(2)5¼			(2)5¼	Cones	70-20 ±3	95	2.8k	8/4	7 x 20 x 7	Blk. Vinyl	Blk. Metal	15	279.00 Each		
	KSW 300	Powered Sub.	No	15					100-7 ±3	95		8/4	7 x 12 x 7	Opt., Vinyl	Metal	7	299.00 Pair		
	KSW 200	Powered Sub.	No	12					22-120 Hz ±3		40-120		20 x 19 x 19	Blk. Vinyl		85	999.00 Each		
	KSW 150	Powered Sub.	No	10					29-120 Hz ±3		40-120		19 x 18 x 18	Blk. Vinyl		69	649.00 Each		
	KSW 100	Powered Sub.	No	8					31-120 Hz ±3		40-120		16 x 15 x 15	Blk. Vinyl		48	549.00 Each		
KSW 50	Powered Sub.	No	8					34-120 Hz ±3		40-120		15 x 14 x 14	Blk. Vinyl		39	449.00 Each			
Synergy System 6	4 Sats., Ctr. Ch. & Powered Sub.	Yes	8	5¼	Cone		Horn	40-120 Hz ±3		40-120		13 x 12 x 12	Blk. Vinyl		33	329.00 Each			
IW 250	In-Wall	No	(2)6½			1	Horn	65-20 ±3	92	2.8k	8/4	Six Pieces	Opt., Vinyl	Blk. Metal	74 Sys.	999.00 Sys.			
IW 150	In-Wall	No	6½			1	Horn	40-20 ±3	93	2.2k	8/4	9 x 19	Wht.	Wht. Metal		678.00 Pair			
IW 50	In-Wall	No	5¼			1	Dome	40-20 ±3	90	2.2k	8/4	9 x 13	Wht.	Wht. Metal		429.00 Pair			
IC 800	In-Ceiling	No	8			1	Dome	50-20 ±3	89	2.2k	8/4	7 x 10	Wht.	Wht. Metal		320.00 Pair			
IC 650	In-Ceiling	No	6½			1	Dome	45-20 ±3	93	2.2k	8/4	10 Dia.	Wht.	Wht. Metal		558.00 Pair			
IC 525	In-Ceiling	No	5¼			1	Dome	52-20 ±3	91	3.3k	8/4	8 Dia.	Wht.	Wht. Metal		398.00 Pair			
								60-20 ±3	90	4k	8/4	7 Dia.	Wht.	Wht. Metal		320.00 Pair			
KNÖLL SYSTEMS	TC06	In-Wall	No	6		1	1	Dome		90		8/4	12 x 9 x 3		Wht.	5	239.00 Pair		
	SP66	In-Wall	No	6		1	1	Dome		91		8/4	12 x 9 x 3		Wht.	5	119.00 Pair		
	SR62	In-Ceiling	No	6		¼	1	Dome		90		8/4	7 Dia.		Wht.	5	99.00 Pair		
	M300	In-Ceiling	No	5		1	1	Dome		90		8/4	8 x 4 x 4		Opt.	6	119.00 Pair		
KORA ELECTRONIC CONCEPT	Odyssey	Bass Ref.	No	15	8	Cone	1½	Dome	30-20 ±3	95	200,1.4k	8/6	72 x 22 x 15	Cherry	Brown Knit	150	21,995 Pair		
	Odyssey Studio	Bass Ref.	No	15	8	Cone	1½	Dome	35-20 ±3	94	200,1.4k	8/6	48 x 22 x 15	Cherry	Brown Knit	120	11,995 Pair		
	Odyssey Monitor	Bass Ref.	No	8			1½	Dome	37-20 ±3	94	1.5k	8/6	28 x 20 x 13	Cherry	Brown Knit	80	4995.00 Pair		
Mandala	Bass Ref.	No	7	7	Cone	1½	Dome	40-20 ±3	90	300,1.5k	6/4	42 x 14 x 17	Mahogany	Blk. Knit	70	3995.00 Pair			
KORT AUDIO	Iota	Coherent Dipole	Yes	Yes	(2)3	Cones			100-18	87	100-150	8/7,8	7 x 7 x 5	Opt.	Opt., Cloth	10	200.00 Each		
	Microline 3 Foundation 3	Coherent Dipole Dipole Sub.	Yes	(6)2		2	Cone	200-21	87	200,6k	6/5,6	13 x 7 x 5	Opt.	Opt., Cloth	19	350.00 Each			
			No	15				25-200 Hz	87	100-200	8/7,5	20 x 17 x 9	Opt.	Opt.	45	350.00 Each			
KRIX	Equinox	Ported	Yes	5			1	Dome	45-20	88	1.9k	6/4	12 x 7 x 10	Opt., Wood	Blk. Knit	13	599.00 Pair		
	Lyrix	Ported	No	(2)6½		1	1	Dome	35-20	92	2k	4/	37 x 8 x 12	Opt., Wood	Blk. Knit	40	1499.00 Pair		
	Euphonix	Ported	No	(2)5		1	1	Dome	30-20	89	500,1.6k	8/4	38 x 8 x 17	Jarrah	Blk. Knit	67	2349.00 Pair		
	Esoterix I Mk2	Ported	No	8	(2)5	Cone	1¼	Dome	30-20	88	340,2.2k	8/5	38 x 9 x 17	Jarrah	Blk. Knit	84	3299.00 Pair		
	Mini-Centrix	Ctr. Ch.	Yes	(2)5			1	Dome	65-20	90	1.6k	8/	7 x 22 x 8	Opt., Wood	Blk. Knit	20	499.00 Each		
	Centrix	Ctr. Ch.	Yes	(2)5			1	Dome	50-20	90	1.4k	8/	7 x 26 x 16	Opt., Wood	Blk. Knit	37	649.00 Each		
	Seismix 7	Powered Sub.	No	15					25-89 Hz			8/	20 x 30 x 21	Opt., Wood	Blk. Knit	114	3995.00 Each		





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FOR SERIOUS LISTENERS.™



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CIRCLE NO. 91 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
LAKESIDE ACOUSTICS	MV-250 SV-220	Ported Ported	No	10 8			1 1/8	Dome Dome	32-20 ±3 38-20 ±3	92 89	2.2k 2.8k	8/7 8/7	49 x 13 x 18 45 x 10 x 14	Opt. Opt.	Opt., Knit Opt., Knit	145 95	4000.00 Pair 2500.00 Pair	
LEGACY AUDIO	Accent Whisper	Bass Ref. Controlled Directivity Array F.O.C.S.	Yes Opt.	(2)7 1/2 (4)15	(4)7, 1 1/4		1 1/2x4	Dome Ribbon	39-22 ±2 16-30 ±2	92 95	2.8k 300.3k,10k	4/4 4/4	38 x 10 x 10 67 x 17 x 13	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	45 275	1995.00 Pair 12,900 Pair w/Processor 5400.00 Pair	
	Focus		Opt.	(3)12	(2)7, 1 1/4		1/2x4	Ribbon	16-30 ±2	95	180.2,2k, 12k	4/4	55 x 15 x 13	Opt., Wood	Blk. Knit	175	3850.00 Pair	
	Signature III	Bipolar; Slot-Loaded Bipolar	Opt.	(3)10	(2)7, 1 1/4		1/2x4	Ribbon	20-30 ±2	93	120.2,8k, 10k	4/4	50 x 12 x 12	Opt., Wood	Blk. Knit	130	2695.00 Pair	
	Classic		Opt.	(2)10	7, 1 1/4		1/2x4	Ribbon	22-30	92	120.2,8k, 10k	4/4	44 x 12 x 12	Opt., Wood	Blk. Knit	110	1600.00 Pair	
	Mist Studio	M-S Array Bass Ref.	Opt.	(3)5 1/4			(2)4	Ribbons Dome	42-25 ±2 39-22 ±2	93 90	3k 2.8k	8/4 4/4	17 x 11 x 6 13 x 11 x 11	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	24 32	1675.00 Each w/Amp 948.00 Pair	
	Powered Impact II	Powered, Vented 6th Order Sub. Vented Sub.	Opt.	(2)12			1		16-100 Hz ±2	100	55/95 (Sel.)	10k	29 x 16 x 14	Opt., Wood	Blk. Knit	110	795.00 Each w/Amp	
	Foundation		Opt.	(2)12					20-100 Hz	92	55/95 (Sel.)	4/4	28 x 16 x 16	Opt., Wood	Blk. Knit	100	2450.00 Each w/Amp	
	Pace Maker	Powered, 86 Aided Sub. Ctr. Ch.	Opt.	(2)15					16-80 Hz ±2	100	55/80 (Sel.)	300.3k,10k	4/4	42 x 18 x 18	Opt., Wood	Blk. Knit	150	2400.00 Each w/Amp
	Marquis		Yes	(2)15	7	Cone	4, 1 1/4	Ribbon, Dome Ribbon	42-30 ±2	95	300.3k,10k	4/4	38 x 19 x 13	Opt., Wood	Blk. Knit	80	1295.00 Each 796.00 Each	
	Silver Screen Cinema III	Ctr. Ch.; Vented Ctr. Ch.; Sealed	Yes Yes	(2)7 (2)5 1/2	1 1/4	Dome	1/2x4 1/2x4	Ribbon Ribbon	48-30 59-30 ±2	95 94	2.2k,12k 12k	4/4 4/4	28 x 11 x 10 19 x 7 x 8	Opt., Wood Opt., Wood	Blk. Knit Blk. Knit	50 25		
LEGEND AUDIO DESIGN	The Legend The Legend Junior															42	3995.00 Pair 1750.00 Pair	
LINN	Keitik		No	6 1/4 x 9 3/8 (2)5	5	Cone	3/4	Dome	20-20							114	9995.00 Pair	
	Kaber Active	Inf. Baf.	No				3/4	Dome	60-20 ±3	87	300.2,7k	8/4	7 x 10 x 35	Opt.	Blk. Knit	59	From 3775.00 Pair	
	Keilidh			5		Cone	3/4	Dome	20-20							40	From 1200.00 Pair	
	Tukan	Ported In-Wall/On-Wall	Yes Yes	5 6 8	5	Cone	3/4 3/4	Dome Dome	80-20 ±3 70-20 ±3	87 87		8/ 4/	7 x 7 x 12 8 x 4 x 17	Opt.	Blk. Knit	11 7	795.00 Pair 650.00 Pair	
	SEKrit AV5140 AV5120 AV5110	Ctr. Ch.; Ported Surround Ch.; Ported	Yes Yes	(2)5 4			3/4 3/4	Dome Dome	20-20 55-20 ±3	90 92		4/	24 x 9 x 7 9 x 9 x 4	Opt. Opt.		47 23	2595.00 Pair 995.00 Pair	
	AV5150	Ported Powered Sub.	No	(2)12					15-150 Hz				19 x 19 x 25	Opt.	Opt., Mesh	101	295.00 Pair	
LUBELL LABS	9483	Swimming Pool			9	Cone			200-20			8/	10 Dia. x 7	Stainless Steel	Chromed Bronze	25	1345.00 Each	
	9481	Swimming Pool; Powered and Transportable			9	Cone			200-20				11 x 11 x 8	Stainless Steel	Chromed Bronze	15	1240.00 Each w/Amp	
DAVID LUCAS INC.	Impact	Electrostatic	No		18x36	ES			30-50 ±2	89		6/6	18 x 36 x 4	Opt.		10	Kit. 399.00 Pair	
	Double Impact	Electrostatic	No		18x72	ES			26-50 ±2	91		6/6	18 x 72 x 4 (Two Panels)	Opt.		21	499.00 Pair	
MACH 1 ACOUSTICS	DM-1000 System DM-100	Powered; 2 Sats. & 2 Subs.		15 (2)10 (2)10	(2)5	Cones	3	Ribbon	18-40 ±3	92	50,300,3k	4/2	Four Spkrs., Four Amps	Opt.	Opt.	500 Sys. 135	150,000 Sys. 24,995 Pair	
	DM-10 Signature DM-10 MKII			10	5	Cone	1	Inv. Domes	26-40 ±3	92	300,3k	4/2	12 x 48 x 16	Opt., Oiled Wood		125	17,995 Pair	
	DM-7			9	4	Inv. Dome	1	Dome	35-40 ±3	86	300,3k	8/3	11 x 44 x 14	Opt., Oiled Wood		110	10,995 Pair	
	DM-5			(2)5			1	Inv. Dome	80-20 ±3	90	3k		8 x 18 x 9	Opt., Oiled Wood		30	5995.00 Pair	
	M-Four.Five			5			1	Inv. Dome	80-20 ±3	88	3k		8 x 12 x 9	Opt.		20	4995.00 Pair	
	M-Three			(2)10	(2)5	Cones	3,1	Ribbon, Dome	26-40 ±3	92	300,3k,10k	4/2	12 x 48 x 16	Opt., Oiled Wood		125	5995.00 Pair	
	M-Two	D'Appolito		10	5	Cone	1	Dome	26-20 ±3	88	300,3k	8/4	12 x 48 x 16	Opt., Oiled Wood		110	3995.00 Pair	
	M-One			(2)5			1	Dome	80-20 ±3	92	3k	4/3	8 x 18 x 9	Opt., Oiled Wood		25	From 1495.00 Pair	
	Diamond MACH Video	4 Sats., Ctr. Ch. & Sub.		5 8 10			1	Dome Domes	80-20 ±3 45-20 ±3 20-20 ±3	88 89 87	3k 2.5k 3k	8/6 8/5	8 x 12 x 9 42 x 10 x 10 Six Pieces	Opt. Blk. Opt., Wood		15 65 150 Sys.	1995.00 Pair 3995.00 Sys.	
	MAGNEPAN	Magneplanar MG12/OR	Planar Magnetic Dipole		271 Sq. In.			38x2	Quasi Ribbon	45-22 ±3	86	600	4/	17 x 51 x 2	Opt., Wood	Opt., Knit	33	950.00 Pair
Magneplanar MG10.1/OR		Planar Magnetic Dipole		340 Sq. In.			55x 1 1/2	Quasi Ribbon	80-24 ±3	86	1.1k	4/	10 x 53 x 1	Opt., Wood	Opt., Knit	33	1175.00 Pair	
Magneplanar MG1.6/OR		Planar Magnetic Dipole		440 Sq. In.			47 1/2 x 2	Quasi Ribbon	40-22 ±3	86	600	4/	19 x 64 x 2	Wood	Opt., Knit	46	1475.00 Pair	
Magneplanar MG2.7/OR		Planar Magnetic Dipole		620 Sq. In.	98	Planar Mag.	56x 1 1/2	Quasi Ribbon	34-24 ±3	87	600,950	4/	22 x 71 x 2	Opt., Wood	Opt., Knit	56	From 1995.00 Pair	
Magneplanar MG3.5/R		Planar Magnetic Dipole		620 Sq. In.	170	Planar Mag.	60x 1/8	Ribbon	34-40 ±3	85	250,1k	4/	24 x 71 x 2	Opt., Wood	Opt., Knit	68	From 3150.00 Pair	
Magneplanar MG20		Planar Magnetic Dipole		880 Sq. In.	48x3	Quasi Ribbon	60x 1/8	Ribbon	25-40 ±3	85	150,3k	4/	29 x 79 x 2	Opt., Wood	Opt., Knit	125	From 9200.00 Pair	
Magneplanar MGCC1		Ctr. Ch.; Planar Magnetic Dipole		198 Sq. In.			33x 1 1/4	Quasi Ribbon	160-20 ±4	85	1k	4/	35 x 10 x 8	Opt., Wood	Opt., Knit	27	750.00 Each	



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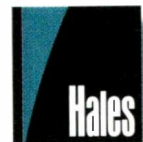
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ROBERT DEUTSCH  
Stereophile, Feb. 1998

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CIRCLE NO. 92 ON READER SERVICE CARD

SERIOUS LOUDSPEAKERS FOR SERIOUS LISTENERS.™

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS										Finish	Grille Color and Material	Weight, Pounds Each	Price, \$		
			Magnetic Shielding?	Woofer Diameter, Inches		Midrange Diameter, Inches		Tweeter Diameter, Inches		Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz					Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)
				Woofer	Midrange	Woofer	Midrange	Tweeter	Tweeter									
MAGNEPAN (Continued)	Magneplanar MGSS1	Dipole Surround; Planar Magnetic				Planar Mag.			150-16 ±4	89		4/	8 x 45 x 1	Opt., Knit	12	425.00 Pair		
	Magneplanar MMG	Planar Magnetic Dipole	370 Sq. In.			Planar Mag.	38x 1½	Quasi Ribbon	50-26 ±3	86	900	4/	14 x 48 x 2	Oak	Opt., Knit	20	500.00 Pair	
MAGNUM	Chelsea Knightsbridge Buckingham		5% 6½ 8¼	5%	Cone		1 1 1	Dome Dome Dome	60-20 45-20 40-20	87 88 89		8/ 8/ 8/				900.00 Pair 1500.00 Pair 2250.00 Pair		
JOHN MAROVSKIS AUDIO SYSTEMS	W1-D	Slot-Loaded Sub.	No	15					30-100 Hz ±1	87	100	8/7	18 x 22 x 22	Oiled Wal.	Blk. Wood	100	900.00 Each	
	W3	Slot-Loaded Sub.	No	12					30-100 Hz ±1	85	100	8/7	18 x 18 x 18	Oiled Wal.	Blk. Wood	67	750.00 Each	
	System 3A	Powered, Slot-Loaded Sub.	No	12					30-100 Hz ±1	85	100	8/7	18 x 18 x 18	Oiled Wal.	Blk. Wood	87	1200.00 Each	
MARQUIS ELECTRONICS	Monitor Seven M7V	Sealed Sealed Bandpass Sub.	Yes No	6½ 6½ 10			1 1	Dome Dome	60-20 60-20 ±3 30-100 Hz	85 89 89	3.5k 3.5k 100	8/7 8/6 4/3	9 x 9 x 15 9 x 9 x 15 12 x 15 x 25	Wal. Oak Oak	Blk. Knit Blk. Knit None	16 16 46	495.00 Pair 595.00 Pair 400.00 Each	
	Ducote Ten Reference One	Sealed Sats. & Motional Feedback Woofer		10 15	(2)5¼	Cones	1 1	Dome Dome	42-20 20-20	90 89	2k 125,3.5k	8/5 4/3	15 x 12 x 25 Three Pieces	Wal. Blk. Lacq.	Blk. Knit Blk. Knit	46 300 Sys.	1100.00 Pair 5600.00 Sys.	
MARTIN-LOGAN	Monolith III	Electrostatic & Inf. Baf. Woofer	No	12					24x48 ES	ES		4/1.2	27 x 12 x 74	Opt.	Opt.	125	7500.00 Pair; w/Electronic Xover, 10,000	
	reQuest	Electrostatic & Inf. Baf. Woofer	No	12					18x48 ES	ES		4/1.2	18 x 13 x 71	Opt.	Opt.	91	4795.00 Pair	
	SL3	Electrostatic & Inf. Baf. Woofer	No	10					12x48 ES	ES		4/1.5	13 x 14 x 64	Opt.		65	3495.00 Pair	
	Aerius I	Electrostatic & Inf. Baf. Woofer	No	8					9½x40 ES	ES		4/1.7	11 x 13 x 55	Opt.		55	2395.00 Pair	
	CLS IIz	Electrostatic Ctr. Ch.; Electrostatic & Inf. Baf. Woofer	Yes	6½	24x48 (2) 15x9	ES ES	½	Dome	35-20 ±3 75-20 ±3	86 86	300,3.5k	4/1.5 5/2.75	28 x 15 x 58 41 x 10 x 12	Opt. Blk.		85 62	3995.00 Pair 1895.00 Each	
	Cinema	Electrostatic & Inf. Baf. Woofer	Yes	(2)5¼	15x9	ES	1	Dome	80-20 ±3	89	300,3.5k	6/3.7	34 x 11 x 8	Blk.		28	1295.00 Each	
	Stylos	Electrostatic & Inf. Baf. Woofer	No	6½					9½x40 ES	ES		6/2.4	10 x 7 x 55	Blk.		30	1995.00 Pair	
	Statement	Hybrid Electrostatic Towers & Bipolar Sub. Towers		(8)12	(8)7	Dipole Cones			15x68 ES	ES		6/1.5	Four Pieces & Electronic Xover	Opt.		1800 Sys.		
MASTER-CRAFT AUDIO	Sonic Gem	Ac. Sus.	No	(2)8					37-27 ±5	91	3.4k	4/	30 x 15 x 8	Blk. Lacq.		44	995.00 Pair	
	Black Diamond	Ac. Sus.	No	8					40-27 ±5	88	3.5k	8/	12 x 6 x 26	Blk. Lacq.		29	795.00 Pair	
	Sonic Gem	Ac. Sus.	No	8					50-22 ±5	89	3.1k	8/	14 x 10 x 8	Blk. Lacq.		21	399.00 Pair	
	Black Pearl Music Monitor	Ac. Sus.	No	10					40-22 ±5	92	2.5k	8/	15 x 26 x 11	Oak		30	499.00 Pair	
MBL	101D	Omni	No	12		Radial		Radial	20-40 ±3	81	110,600, 3.5k	4/4	16 x 67 x 18	Blk. Lacq.	Blk. Metal	176	32,990 Pair	
	101C	Isotropic				Isotropic		Isotropic	38-70	80	600,3.5k	4/4	16 x 44 x 16	Blk. Blk.	Blk. Mesh	77	29,900 Pair	
	111	Isotropic Hybrid	12	5		Cone		Isotropic	20-40	80	120,670, 3.5k	4/4	16 x 16 x 63	Blk. Blk.	Blk. Brass	132	13,900 Pair	
	300C	Bass Ref.	(3)5½	5½, 1½		Cone, Dome	1½	Dome	28-45	86	205,850, 3.5k	4/4	8 x 10 x 45	Blk.	Blk. Knit	44	5990.00 Pair	
	301	Bass Ref.	5½	5½, 1½		Cone, Dome	1½	Dome	29-45	87	250,700, 3.5k	4/4	8 x 10 x 45	Blk.	Blk. Knit	33	5150.00 Pair	
	303	Bass Ref.	5½			Cone	1½	Dome	37-25	85	2.2k	4/4	10 x 44 x 11	Pearlwood Blk.	Blk. Knit	30	2780.00 Pair	
	311C4	Bass Ref.	5½			Cone	1½	Dome	38-45	87	150,700, 3.5k	4/4	8 x 11 x 10	Blk.	Blk. Knit	9	3150.00 Pair	
	321	Bass Ref.	5½			Cone	1½	Dome	43-34	87	180,2k	4/4	7 x 14 x 10	Blk.	Blk. Knit	9	1990.00 Pair	
	323	Bass Ref.	5½			Cone	1½	Dome	44-25	87	2.2k	4/4	10 x 16 x 12	Blk. Pearlwood	Blk. Knit	13	1790.00 Pair	
	201	Powered, Vented Sub.	12						18-96 Hz	110	46/68/96	4/4	16 x 21 x 16	Blk.	Blk. Mesh	66	4790.00 Each	
211	Powered, Vented Sub.	10						18-140 Hz	100	70/100/140		16 x 18 x 20	Blk.	Blk. Mesh	55	2790.00 Each		
Center Speaker	Ctr. Ch.			5	Cone							17 x 13 x 5	Blk.		12	820.00 Each		
McINTOSH	HT-1	THX; Inf. Baf.	Yes	8			(3)1	Domes	55-22 ±2	89	500,1.4k	4/	23 x 16 x 11	Blk.	Blk.	47	1100.00 Each	
	HT-2	THX; Ported Sub.		12					42-200 Hz	91		4/		Blk.		91	1750.00 Each	
	HT-3	THX; Surround Ch.; Inf. Baf.		5			(2)1	Domes	85-22		1.5k	4/	16 x 16 x 8	Blk.	Wht.	25	1000.00 Each	
	HT-4	THX; Ctr. Ch.; Inf. Baf.	Yes	6			(3)1	Domes	60-22	87	1.75k	4/	8 x 21 x 11	Blk.	Blk.	23	1100.00 Each	
	SL-1	THX; Powered Sub.		12					20-250 Hz	88	THX	4/	17 x 24 x 19	Blk.	Blk.	85	2000.00 Each	
	SL-4	Ported	Yes	6½	6½	Cone	1	Dome	54-20	87	200,1.8k	4/	41 x 10 x 11	Blk.	Blk.	23	700.00 Each	
	SL-6	THX; Ported		(2)6½	(12)5	Cone	(3)1	Domes	48-18 ±2	88	200,1.8k	4/	47 x 13 x 10	Blk.	Blk.	56	1250.00 Each	
	XR 290	Inf. Baf.		(4)12	8	Cone	(24)1	Domes	20-22	87	400,1.3k	8/	83 x 29 x 13	Opt.	Blk.	348	27,500 Pair	
	XRT 24	Inf. Baf.		(2)10	8	Cone	(16)1	Domes	36-22	88	250,1.5k	4/	84 x 15 x 19	Opt.	Blk.	130	8500.00 Pair	
	XRT 26	Inf. Baf.		(2)12	8	Cone	(23)1	Domes	32-22	87	100,250, 1.5k	4/	86 x 20 x 16	Opt.	Blk.	190	14,000 Pair	
MEADOW-LARK AUDIO (Continued)	Petrel	Ctr. Ch.; 1st Order; Trans. Line	Yes	(2)5¼			1	Dome	52-20 ±3	92	4k	4/4	7 x 21 x 13	Opt., Wood	Blk. Knit	30	700.00 Each	
	Vireo	1st Order; Trans. Line	Yes	5¼			1	Dome	48-20 ±3	87	3.5k	8/7	14 x 8 x 15	Opt., Wood	Blk. Knit	25	895.00 Pair	
	Kestrel	1st Order; Trans. Line	No	6			1	Dome	38-20 ±2	89	4.5k	8/7	36 x 8 x 9	Opt., Wood	Blk. Knit	38	995.00 Pair	

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS							Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
MEADOW-LARK AUDIO (Continued)	Shearwater	1st Order; Trans. Line	No	7			1	Dome	35-22 ±2	88	3.3k	8/7	40 x 9 x 11	Opt., Wood	Blk. Knit	60	2500.00 Pair	
	Heron	1st Order; Trans. Line	No	(2)7	4	Cone	¾	Dome	25-24 ±2	90	300.6k	4/4	44 x 10 x 15	Opt., Wood	Blk. Knit	93	4000.00 Pair	
	Blue Heron	1st Order; Trans. Line	No	(2)7	4	Cone	1	Pulsating Gas	25-30 ±2	89	300.6k	4/4	44 x 10 x 15	Opt., Wood	Blk. Knit	93	7500.00 Pair	
	Nightingale	1st Order; Trans. Line	(2)10.7	4	Cone	1	Pulsating Gas	20-30 ±2	92	80,300.6k	4/4	48 x 15 x 31	Opt., Wood	Blk. Knit	250	15,000 Pair		
	Ibis	1st Order; Vented	12.9	4	Cone	1	Pulsating Gas	18-30 ±2	91	60,100.6k			47 x 19 x 30	Opt., Wood	None	350	25,000 Pair	
MELOS TECHNOLOGIES	Pipe Dreams 4	Line Source; Powered Bass	Yes	18	4	Cone	¾	Ribbon	16-30 ±1	90	60.6k	4/4	94 x 24 x 10	Oak		700	48,995 Pair	
	Pipe Dreams 3	Line Source; Powered Bass	Yes	18	4	Cone	¾	Ribbon	16-30 ±1	89	60.6k	5/4	71 x 24 x 10	Oak		600	28,995 Pair	
	Pipe Dreams 2	Line Source; Powered Bass	Yes	15	4	Cone	¾	Ribbon	16-30 ±1	89	60.6k	5/4	47 x 24 x 10	Oak		400	9895.00 Pair	
	Pipe Dreams 1	Line Source; Powered Bass	Yes	12	4	Cone	¾	Ribbon	16-30 ±1	89	60.6k	5/4	24 x 24 x 10	Oak		200	4895.00 Pair	
MENISCUS AUDIO	Cinema 1	Vented	Yes	6½			1	Dome	45-20 ±3	88	3k	8/6	9 x 13 x 9	Opt., Wood	Blk. Knit	12	225.00 Pair	
	Cinema 2	Vented	Yes	(2)6½			1	Dome	40-20 ±3	90	3k	6/4	9 x 37 x 9	Opt., Wood	Blk. Knit	30	395.00 Pair	
	Cinema 3	Vented	Yes	(2)6½	5	Cone	1	Dome	40-20 ±3	90	200.5k	6/4	9 x 37 x 9	Opt., Wood	Blk. Knit	35	495.00 Pair	
	Cinema Center	Ctr. Ch.; Vented	Yes	6½			1	Dome	45-20 ±3	88	3k	8/6	13 x 9 x 9	Opt., Wood	Blk. Knit	12	125.00 Each	
	Cinema Sub.	Powered, Vented Sub.	No	10			1	Dome	28-180 Hz ±3	110	50-180	8/6	15 x 18 x 15	Opt., Wood	Blk. Oak	45	395.00 Each	
	Revelare 1	Vented	No	7			1	Dome	45-20 ±3			8/6	10 x 15 x 11	Opt., Oak	Blk. Knit		1095.00 Pair	
	Revelare 2	Vented	No	8			1	Dome	35-20 ±3		1.7k	8/6	40 x 10 x 12	Opt., Oak	Blk. Knit		1295.00 Pair	
	Revelare 3	Ac. Sus.	No	(2)7	7	Cone	1	Dome	40-20 ±3		250	6/4	10 x 43 x 11	Opt., Oak	Blk. Knit		2495.00 Pair	
Revelare 4	Vented	No	11	7	Cone	1	Dome	30-20 ±3		150	8/6	12 x 41 x 19	Opt., Oak	Blk. Knit		1995.00 Pair		
Revelare Sub. 1	Powered, Vented Sub.	No	11			1	Dome	30-90 Hz ±3		50-90	8/6	12 x 26 x 19	Opt., Oak	Blk. Knit		995.00 Each		
MERIDIAN	DSP-6000 (w/remote)	Powered; Digital Signal Processing (DSP)		(4)8	6½	Cone	1¾	Horn	20-20				11 x 54 x 17	Blk. Lacq.	Blk. Knit	175	16,995 Pair	
	DSP-5500 (w/remote)	Powered; DSP		(2)8	6½	Cone	1¾	Horn	30-20				41 x 17 x 11	Opt.	Blk. Knit	68	10,750 Pair	
	DSP-5000 (w/remote)	Powered; DSP		6½	6½	Cone	1¾	Horn	35-20				8 x 36 x 12	Opt.	Blk. Knit	50	5795.00 Pair	
	DSP-5000C (w/remote)	Powered; DSP	Yes	(2)6½	6½	Cone	1¾	Horn	42-20		200.2.6k		8 x 27 x 11	Blk.	Blk. Knit	50	2995.00 Pair	
	M-1500	Powered Sub.		10					30-120 Hz		80/120 (Sel.)		16 x 16 x 16	Blk.	Blk. Knit	77	1495.00 Each	
	M-2500	Powered Sub.		(2)6½	6½	Cone	1¾	Horn	20-120 Hz		400.2.6k		28 x 14 x 21	Blk. Opt.	Blk. Knit	135	2695.00 Each	
	M-60MkII	Powered		(2)6½	6½	Cone	1	Horn Dome	45-20	90	400.2.6k		35 x 8 x 12	Blk. Opt.	Blk. Knit	60	3695.00 Pair	
M-60C A-500	Powered		(2)6½	6½	Cone	1	Horn Dome	45-20		250.2.6k		8 x 27 x 11	Blk. Opt.	Blk. Knit	50	1895.00 Pair		
MERLIN MUSIC SYSTEMS	TSM RC/CC	Main or Ctr. Ch.; Inf. Baf.	Yes	6¼			1¼	Dome	55-20 ±2	87	2.15k	8/6.5	8 x 16 x 12	Blk.	Blk. Knit	26	1050.00 Each	
	VSM GEN III RC	Bass Ref.	No	6½			1¼	Dome	45-22 ±3	90	2.2k	8/6.5	9 x 42 x 11	Blk.	Blk. Knit	78	4500.00 Pair	
	VSM Special Edition	Bass Ref.	No	6½			1¼	Dome	33-22 ±3	90	2.2k	8/6.5	9 x 42 x 11	Blk.	Blk. Knit	88	5950.00 Pair	
	VSM CC	Ctr. Ch.	No	6½			1¼	Dome	45-22 ±3	90	2.2k	8/6.5	24 x 9 x 11	Blk.	Blk. Knit	42	2250.00 Each	
MIRAGE	OM-6	Omni; Powered Bass	No	(2)8	(2)5½	Cones	(2)1	Domes	18-22 ±2	91	80.1.9k	8/4	46 x 10 x 17	Blk. Knit		61	3000.00 Pair	
	OM-8	Omni; Powered Bass	No	(2)6½	(2)5½	Cones	(2)1	Domes	28-22 ±2	91	100.1.9k	8/4	44 x 10 x 17	Wrap Blk. Knit		60	2200.00 Pair	
	OM-10	Omni	No	(2)6½			(2)1	Domes	28-22 ±2	90	1.9k	8/4	46 x 9 x 12	Wrap Blk. Knit		40	1200.00 Pair	
	OM-12	Omni	No	(2)5½			(2)1	Domes	32-22 ±2	90	1.9k	8/4	40 x 9 x 11	Wrap Blk. Knit		37	900.00 Pair	
	OM-14	Omni	No	(2)5½			(2)1	Domes	38-22 ±2	90	2k	8/4	35 x 9 x 11	Wrap Blk. Knit		35	700.00 Pair	
	OM-C2	Ctr. Ch.; Omni	Yes	(3)5½			(2)1	Domes	38-22 ±2	91	1.9k	8/6	8 x 25 x 12	Blk. Lacq.	Blk. Knit	30	750.00 Each	
	OM-C3	Ctr. Ch.	Yes	(2)5½			1	Dome	40-23 ±2	90	1.8k	6/	7 x 22 x 11	Blk. Lacq.	Blk. Knit	24	350.00 Each	
	OM-R2	Surround Ch.; Omni	No	(2)5½			2	Dome	80-20 ±3	89	2k	8/4	12 x 7 x 7	Matte Blk. Opt.	Blk. Knit	13	500.00 Each	
	Center Stage Vitali	Main or Ctr. Ch.	Yes	(2)6½	(2)1½	Domes	1	Dome	40-22 ±2	85	2k		13 x 7 x 11	Opt.			1500.00 Each	
	AVS-500/PS-8V	5 Sats. & Powered Sub.	Yes	5½			1	Dome	40-22 ±2				Six Pieces	Opt.			2000.00 Pair	
	AVS-200	Main or Surround Ch. Sat.	Yes	3½			1	Dome	90-20 ±3	89	2.2k	8/	7 x 4 x 5	Opt.	Opt., Cloth	3	180.00 Pair	
	AVS-100	Powered	Yes	(2)3½			1	Dome	90-20 ±3	88	2.2k	8/	4 x 11 x 5	Blk.	Blk. Cloth	5	150.00 Each	
	BPSS-210	Powered, Bipolar Servo Sub.	No	(2)10					18-150 Hz		Var.		18 x 24 x 17	Blk. Lacq.	Blk. Cloth	85	2200.00 Each	
	BPS-400	Powered, Bipolar Sub.	No	(2)12					18-100 Hz		Var.		22 x 24 x 20	Blk. Lacq.	Blk. Cloth	110	1300.00 Each	
	BPS-150i	Powered Sub.	No	(2)8					22-100 Hz		Var.		16 x 19 x 16	Blk. Knit		65	800.00 Each	
PS-12i	Powered Sub.	No	12					25-100 Hz		Var.		17 x 16 x 15	Wrap Blk. Ash	Blk. Knit	45	600.00 Each		
PS-10i	Powered Sub.	Yes	10					28-100 Hz		Var.		16 x 16 x 15	Wrap Blk. Ash	Blk. Knit	41	400.00 Each		
PS-8i	Powered Sub.	No	8					29-100 Hz		Var.		16 x 10 x 11	Wrap Blk. Ash	Blk. Knit	26	300.00 Each		
Substrata 2500	Powered, Pas. Rad Sub.	No	10							Var.		12 x 12 x 12	Wrap Blk. Ash	Blk. Knit		1500.00 Each		
Substrata 1000	Powered Sub. Indoor/Outdoor	No	12			¾	Dome	50-22 ±3	89	Var.		16 x 16 x 16	Blk.			1000.00 Each		
Oasis	In-Wall	No	5¼			1	Dome	45-22 ±3	89	2k	8/6	7 x 10 x 7	Opt.	Opt., Metal	7	300.00 Pair		
MIDS-6.5	In-Wall	No	6			1	Dome	60-20 ±3	90	2k	8/6	9 x 13 x 3	Whit.	Whit. Metal	4	400.00 Pair		
MIDS-5.25R	In-Wall	No	6			1	Dome	60-20 ±3	89	3.5k	8/6	7 x 7 x 3	Whit.	Whit. Metal	4	250.00 Pair		
FRX-1	Ported	Yes	5½			¾	Dome	55-22 ±3	88	2k	8/4	13 x 7 x 9	Opt.	Blk. Knit	4	250.00 Pair		

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	Magnetic Shielding?	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
				Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
MIRAGE (Continued)	FRX-3	Ported	Yes	6½			¾	Dome	47-22 ±3	90	2k	8/6	14 x 8 x 11	Opt.	Blk. Knit		350.00 Pair	
	FRX-5	Ported	Yes	6½			¾	Dome	40-22 ±3	90	2k	8/6	33 x 8 x 13	Opt.	Blk. Knit		500.00 Pair	
	FRX-7	Ported	Yes	(2)5½			¾	Dome	35-22 ±3	91	2k	8/6	36 x 7 x 13	Opt.	Blk. Knit		600.00 Pair	
	FRX-9p	Powered Bass	Yes	8	6½	Cone	¾	Dome	25-22 ±3	91	100,2k	8/6	40 x 7 x 13	Opt.	Blk. Knit		1300.00 Pair	
	FRX-C	Centr. Ch.	Yes	(2)4½			¾	Dome	58-22 ±3	89	2k	8/6	6 x 7 x 11	Opt.	Blk. Knit		250.00 Each	
MIRAGE (Continued)	FRX-R	Bipolar Surround	Yes	5½			(2)¾	Domes	55-22 ±3	89	2k	8/6	7 x 13 x 5	Opt.	Blk. Knit		350.00 Pair	
	MBS	Bipolar Surround	No	(2)4½			(2)½	Domes	120-20 ±3	88	3k	8/6	11 x 7 x 5	Opt., Gloss		7	350.00 Pair	
MISSION	70 AS	Powered Sub.		10					40-200 Hz ±3		40-180	8/	16 x 18 x 15	Blk. Ash	Blk. Knit		500.00 Each	
	77 AS2	Powered Sub.		(2)8					35-200 Hz ±3		40-180	8/	18 x 20 x 18	Opt.	Blk. Knit		1000.00 Each	
	705-Active	Powered Bass		(2)8	6½	Cone	1	Dome	30-20 ±3		120,4k	8/6	52 x 10 x 17	Blk. Ash	Blk. Knit		1750.00 Pair	
	AS1	Powered Sub.	No	10					20-250 Hz		40-180	8/6	52 x 10 x 17	Blk. Ash			500.00 Each	
	AS2	Powered Sub.	No	12					20-250 Hz		40-180	8/6	52 x 10 x 17	Blk. Ash			750.00 Each	
	700	Bass Ref.	No	5¼			1	Dome	60-20 ±3	87	4k	8/6	14 x 7 x 10	Blk. Ash			250.00 Pair	
	701	Bass Ref.	No	6½			1	Dome	50-20 ±3	89	4k	8/6	18 x 9 x 12	Blk. Ash			375.00 Pair	
	702	Bass Ref.	No	8			1	Dome	45-20 ±3	90	4k	8/6	21 x 10 x 15	Blk. Ash			500.00 Pair	
	703	Bass Ref.	No	8			1	Dome	40-20 ±3	90	4k	8/6	38 x 10 x 15	Blk. Ash			625.00 Pair	
	704	Bass Ref.	No	8	6½	Cone	1	Dome	35-20 ±3	89	120,4k	8/6	42 x 10 x 17	Blk. Ash			875.00 Pair	
	705	Bass Ref.	No	(2)8	6½	Cone	1	Dome	30-20 ±3	89	120,4k	8/6	52 x 10 x 17	Blk. Ash			1250.00 Pair	
	73	Bass Ref.	Yes	4¼			½	Dome	70-20 ±6	90	3,5k	8/6	6 x 10 x 6	Opt.	Opt. Knit		250.00 Pair	
	771	Bass Ref.		5¼			1	Dome	75-20 ±3	87	3k	8/6	7 x 12 x 9	Opt.	Blk. Knit		400.00 Pair	
	772	Bass Ref.		5¼			1	Dome	60-20 ±3	87	3k	8/6	7 x 17 x 11	Opt.	Blk. Knit		600.00 Pair	
	773	Bass Ref.		5¼			1	Dome	50-20 ±3	87	3k	8/6	7 x 34 x 11	Opt.	Blk. Knit		800.00 Pair	
	774	Bass Ref.		(2)5¼			1	Dome	45-20 ±3	90	3k	8/6	7 x 37 x 13	Opt.	Blk. Knit		1200.00 Pair	
	775	Bass Ref.		(2)6½			1	Dome	38-20 ±3	92	3k	8/6	9 x 43 x 12	Opt.	Blk. Knit		2000.00 Pair	
	77c1	Centr. Ch.	Yes	(2)5¼			(3)1	Domes	75-20 ±3	87	3k	8/6	17 x 7 x 8	Opt.	Blk. Knit		350.00 Each	
77c2	Centr. Ch.	Yes	(2)6½			(3)1	Domes	60-20 ±3	88	3k	8/6	18 x 8 x 9	Opt.	Blk. Knit		600.00 Each		
77s1	Surround Ch.		(2)4			(2)1	Domes	80-20 ±3	87	3k	8/6	14 x 10 x 5	Opt.	Opt., Knit		350.00 Pair		
77s2	Surround Ch.		(2)5¼			(2)1	Domes	80-20 ±3	87	3k	8/6	16 x 12 x 5	Opt.	Opt., Knit		600.00 Pair		
MITSUBISHI	M-FS10	Ported	Yes	10	5		1	Dome	25-20	92	500,2k	8/5	39 x 13 x 12	Blk.	Gray	55	799.00 Pair	
	M-FS8	Ported	Yes	8			1	Dome	30-20	90	2k	8/5	37 x 10 x 14	Blk.	Gray	50	599.00 Pair	
	M-CTR6	Centr. Ch.; Ported	Yes	(2)6			1	Dome	45-20	91	2k	8/5	20 x 8 x 13	Blk.	Gray	24	279.00 Each	
	M-CTR5	Centr. Ch.; Inf. Baf.	Yes	(2)5			¾	Dome	80-20	90	2,5k	8/5	6 x 20 x 8	Blk.	Gray	23	199.00 Each	
	M-DS616	Ported	Yes	(2)6			1	Dome	45-20	91	2k	8/5	8 x 20 x 13	Blk.	Gray	24	499.00 Each	
	M-SS6	Ported	Yes	6			¾	Dome	50-20	89	2,5k	8/5	16 x 8 x 9	Blk.	Gray	15	299.00 Pair	
	M-SS5	Surround Ch.;	No	5			¾	Dome	80-20	87	2,5k	8/5	10 x 7 x 6	Blk.	Gray	9	199.00 Pair	
	M-SUB12	Inf. Baf.	No	12					28-200 Hz				21 x 17 x 16	Blk.			499.00 Each	
M-SUB10	Powered, Ported Sub. Ported Sub.	No	10					38-200 Hz				16 x 14 x 16	Blk.			349.00 Each		
M&K SOUND	MX-700	Powered Push-Pull Ac. Sus. Sub.	Yes	(2)8								15k		Blk.	Blk. Knit		1395.00 Each	
	MX-105	Powered Push-Pull Ac. Sus. Sub.	No	(2)12								15k	23 x 16 x 20	Blk.	Blk. Knit		995.00 Each	
	LCR-55	Ac. Sus. Sat.	Yes	5¼			1	Dome		88		4/4		Opt.	Opt., Metal		250.00 Each	
	LCR-45	Ac. Sus. Sat.	Yes	4			1	Dome		87		4/4		Opt.	Opt., Metal		250.00 Each	
	S-85	Ac. Sus. Sat.	Opt.	5¼			1	Dome	85-22 ±2	88	2k	4/4	11 x 6 x 8	Opt.	Blk. Knit	9	695.00 Pair	
	S-85C	Centr. Ch.; Ac. Sus.	Yes	5¼			1	Dome	85-22 ±3	88	2k	4/4	6 x 11 x 8	Opt.	Blk. Knit	9	395.00 Each	
	Bookshelf-75	Ac. Sus.	Yes	6½			1	Dome	75-22 ±3	87	2k	4/4	14 x 8 x 10	Blk.	Blk. Knit	17	495.00 Pair	
	Center/LCR-75	Main or Centr. Ch.;	Yes	(2)5			1	Dome	75-22 ±3	87	2k	4/4	5 x 17 x 7	Blk.	Blk. Knit	16	350.00 Each	
	SS-150 THX	THX;	No	5¼	(2)3¼	Cones	1	Dome	85-22 ±2	86	2k	4/3,2	11 x 8 x 7	Opt.	Blk. Knit	11	1095.00 Pair	
	S-150 THX	Tripole Surround THX; Front Ch.;	Yes	(2)5¼			(3)1	Domes	80-22 ±2	89	2k	4/4	13 x 13 x 10	Blk.	Blk.	24	800.00 Each	
	MX-150 THX	Ac. Sus. Sat. THX; Powered Ac. Sus. Sub.	Yes	(2)12					18-125 Hz	80		15k	23 x 16 x 20	Blk.	Blk.	74	1295.00 Each	
	S-125	Ac. Sus. Sat.	Opt.	(2)5¼			1	Dome	80-22 ±2	90	2k	4/4	19 x 7 x 9	Blk.	Blk.	17	1095.00 Pair	
	S-125C	Centr. Ch.; Ac. Sus.	Yes	(2)5¼			1	Dome	80-22 ±2	90	2k	4/4	7 x 19 x 9	Blk.	Blk.	17	595.00 Each	
	V-125 THX	THX; Powered Ac. Sus. Sub.	Yes	12					20-125 Hz		8k	15k	19 x 16 x 21	Blk.	Blk.	52	850.00 Each	
	V-125	Powered Ac. Sus. Sub.	Yes	12					20-125 Hz		50-125 (Adj.)	200/15k	19 x 16 x 21	Blk.	Blk.	52	795.00 Each	
	V-75II	Powered Ac. Sus. Sub.	No	12					24-125 Hz		50-125 (Adj.)	200/15k	19 x 16 x 21	Blk.	Blk.	42	625.00 Each	
	MX-350 THX	THX; Powered Ac. Sus. Sub.	Yes	(2)12					18-125 Hz		80		23 x 16 x 20	Blk.	Blk.	84	1795.00 Each	
	MX-125II	Powered Push-Pull Ac. Sus. Sub.	No	(2)12					20-125 Hz ±2		50-125 (Adj.)	15k	23 x 16 x 20	Opt., Wood	Blk. Knit	64	1095.00 Each	
	MX-70B	Powered Push-Pull Ac. Sus. Sub.	No	(2)8					25-125 Hz ±2		50-125 (Adj.)	200/15k	18 x 10 x 14	Blk.	Blk. Knit	48	995.00 Each	
	MX-5000 THX II	THX; Powered Push-Pull Ac. Sus. Sub.	Yes	(2)12					18-125 Hz			15k	24 x 16 x 26	Opt., Wood	Blk. Knit	115	2695.00 Each	
	S-5000 THX	THX; Trans.Line Sat.	Yes	(2)6½			(2)1	Domes	72-20 ±2	94	2k	4/4	24 x 12 x 12	Opt., Wood	Blk. Knit	55	1195.00 Each	
SS-500 THX	THX; Surround;	No	(2)5¼			(2)1	Domes	80-20 ±2	88	2k	4/4	16 x 7 x 7	Opt., Wood	Blk. Knit	22	1595.00 Pair		
S-100B	Ac. Sus. Sat.	Opt.	(2)5¼			(3)1	Domes	77-22 ±2	91	2k	4/4	12 x 11 x 9	Blk.	Blk. Knit	22	1295.00 Pair		
MX-200	Powered Push-Pull Ac. Sus. Sub.	No	(2)12					20-125 Hz ±2		50-125 (Adj.)	15k	23 x 16 x 20	Opt., Wood	Blk. Knit	82	1495.00 Each		
S-1C	Push-Pull Ac. Sus. Sat.	Yes	(2)5¼			(2)1	Domes	77-22 ±2	90	2k	4/4	21 x 8 x 11	Opt., Wood	Blk. Knit	20	995.00 Each		
VX-71I	Powered Ac. Sus. Sub.	No	8					40-125 Hz ±2		50-125 (Adj.)	200/15k	10 x 14 x 11	Blk.	Blk. Knit	21	495.00 Each		
SW-85	In-Wall	No	5¼			1	Dome	70-20 ±2	88	2k	4/4	11 x 7	Steel	Wht. Metal	10	395.00 Each		
SW-95	In-Wall	No	6½			1	Dome	50-20 ±2	90	2k	4/4	12 x 9	Steel	Wht. Metal	13	550.00 Each		
MONITOR AUDIO (Continued)	MA 301	Bass Ref.	Yes	5			¾	Dome	55-24	88	3,1k	6/	11 x 7 x 8	Blk. Gloss	Blk. Knit	22	499.00 Pair	
	Monitor 2.5	Bass Ref.	Yes	6½			¾	Dome	50-24	90	3,1k	8/	13 x 7 x 8	Opt., Wood	Blk. Knit	24	699.00 Pair	
	Monitor 3	Ac. Sus.	Yes	(2)5			¾	Dome	35-24	90	3,1k	6/	35 x 7 x 8	Opt., Wood	Blk. Knit	26	999.00 Pair	



# “Do you really need new speakers?”

Matt Polk, Speaker Specialist

**M**aybe you don't need new speakers. Maybe you do. Here are some tips on how to know whether or not it's time for a change.

## Do they work right?

The first thing to check is the woofer surround – the rolled edge of the driver. If it's made of compressed foam and more than 5 years old, it may be shot. Are there any holes or tears? Gently touch the surround, if it feels brittle, stiff and ready to crumble, you need new woofers. If the surrounds are rubber they're probably perfect.

The next thing to check is whether all the drivers are making sound. Play the speakers with the grilles off. Lightly touch all the drivers to feel if they're moving. Cup your hand over the tweeter, remove it. Does the sound change? If not, the tweeter is dead. Play a solo piano recording at a moderate loud level. If you hear scratchy sound or a buzz, the midrange or tweeter may be damaged.

If you have any doubts, bring the speakers in to a local audio store and ask them to check them out. Most dealers will be happy to help.

## Are you happy with the sound?

Do they sound great with all the kinds of music you're listening to today? Some speaker companies voice their speakers to sound good with certain types of music (a bad policy in our opinion). If your musical tastes have changed since you bought your current speakers, it might be time for something better. But if you're really happy with the sound – stick with what you've got.

## Do they look good? Do you care?

Do your current speakers look appropriate and fit comfortably in your room? Has your significant other banished them to behind the couch? Don't laugh, I know a household where that happened. Today's speakers are generally smaller and better looking, with better performance than speakers of ten years ago.

## What will you do with the money you save?

If looks and size are not an issue, if everything's working OK and you like the sound, save your dough. Buy some new CDs or a DVD player or some flowers for your partner.



**NEW!** Polk bookshelf speaker models are now at Polk Audio retailers

## Free stuff!

If you're shopping for a home theater system, you're going to find that it's a lot more complicated than buying a pair of speakers. But the rewards are greater, too. Call (800) 627-7655 ext. 101 for your free copy of the *Home Theater Handbook*. It's full of practical, unbiased advice on how to select and get the greatest performance from a home theater system.

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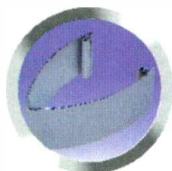
# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
MONITOR AUDIO (Continued)	CC300	Ctr. Ch.; Bass Ref. Dipole Surround Bass Ref.	Yes	(2)5			3/4	Dome	40-24	89	3.3k	6/	7 x 20 x 8	Blk. Gloss Opt.	Blk. Knit Opt., Knit	15	499.00 Each
	MA FX 1		No	(2)5			3/4	Dome	40-24	89	3.3k	6/	10 x 11 x 8	Opt., Wood	Blk. Knit	22	799.00 Pair From
	700PMC		No	6 1/2			1	Dome	38-30	89	3.3k	8/	14 x 9 x 10	Opt., Wood	Blk. Knit	40	999.00 Pair From
	702PMC	Bass Ref.	No	6 1/2			1	Dome	35-30	89	3.3k	8/	16 x 8 x 10	Opt., Wood	Blk. Knit	42	1299.00 Pair From
	703PMC	Bass Ref.	No	6 1/2			1	Dome	33-30	90	3.3k	8/	35 x 8 x 11	Opt., Wood	Blk. Knit	49	1799.00 Pair From
	705PMC	Ac. Sus.	No	(2)6 1/2			1	Dome	30-30	90	3.3k	8/	37 x 8 x 11	Opt., Wood	Blk. Knit	55	2299.00 Pair From
	CC700	Ctr. Ch.; Bass Ref. Ctr. Ch.; Bass Ref. Dipole Surround Bass Ref.	Yes	(2)5			1	Dome	45-30	89	3.1k	6/	7 x 21 x 8	Blk. Gloss	Blk. Knit	16	799.00 Each
	CC70		Yes	(2)6 1/2			1	Dome	40-30	90	3.1k	6/	8 x 22 x 8	Blk. Gloss	Blk. Knit	25	999.00 Each
	MA FX 2		No	(2)5			3/4	Dome	40-24	89	3.1k	6/	10 x 11 x 8	Opt.	Blk. Knit	26	1199.00 Pair From
	Studio 2se	Bass Ref.	Yes	(2)5			1	Dome	55-30	89	3.1k	8/	11 x 7 x 8	Opt.	Blk. Knit	25	1099.00 Pair From
	Studio 6	Bass Ref.	No	6 1/2			1	Dome	40-30	88.5	3.3k	8/	14 x 9 x 10	Opt.	Blk. Knit	44	1799.00 Pair From
	Studio 20se	Bass Ref.	No	6 1/2			1	Dome	33-30	88.5	3.3k	8/	36 x 8 x 11	Opt.	Blk. Knit	55	3499.00 Pair From
	Studio 50	Ac. Sus.	No	(2)6 1/2	6 1/2		1	Dome	28-30	90	375,3.5k	8/	42 x 8 x 12	Opt.	Blk. Knit	56	5995.00 Pair From
	Studio 60	Ac. Sus.	No	(2)6 1/2	6 1/2		1	Dome	25-30	90	375,3.5k	8/	44 x 8 x 12	Opt.	Blk. Knit	62	9995.00 Pair From
	Studio Center	Bass Ref.	Yes	(2)6 1/2	5		1	Dome	40-30	90	375,3.1k	6/	8 x 22 x 8	Opt.	Blk. Knit	25	1499.00 Each
ASW 210	Powered Bass Ref. Sub.	No	(2)10					25-140 Hz				22 x 15 x 17	Blk. Vinyl	Blk. Knit	42	999.00 Each	
ASW 110	Powered Bass Ref. Sub.	No	10					30-140 Hz				14 x 14 x 15					
Round Two It	In-Wall In-Wall In-Wall	No	6 1/2			3/4	Dome	50-24	89	3.1k	8/	8 Dia.	Wht.	Wht. Metal	6	399.00 Pair	
IW 2.5		No	6 1/2			3/4	Dome	45-24	90	3.3k	8/	10 x 7	Wht.	Wht. Metal	8	499.00 Pair	
IW PMC		No	6 1/2			1	Dome	45-28	90	3.3k	8/	10 x 7	Wht.	Wht. Metal	8	899.00 Pair	
MONSOON	MM1000	Multimedia; Dipole Planar Magnetic Panels & Powered, Vented Sub.	Yes	5 1/4	(2)4	Cones	4x8	Planar Mag.	50-20 ±5	85	200	4/4	Three Pieces	Opt.	Blk.	20 Sys.	229.00 Sys.
MONSTER SOUND	InvisiSound 8000	In-Wall	No	8			1	Dome	48-20 ±3	88	1.8k	8/	10 x 14	Wht. PVC	Wht. Steel	30	399.95 Pair
	InvisiSound 6500	In-Wall	No	6 1/2			1	Dome	60-20 ±3	87	1.8k	8/	8 x 12	Wht. PVC	Wht. Steel	30	299.95 Pair
	InvisiSound 5250	In-Wall	No	5 1/4			1	Dome	70-20 ±3	87	1.8k	8/	7 x 11	Wht. PVC	Wht. Steel	28	224.95 Pair
	InvisiSound 5250R	In-Wall	No	5 1/4			1	Dome	75-20 ±3	87	4.5k	8/	8 Dia.	Wht. PVC	Wht. Steel	28	124.95 Pair
	AIS-40WM	In-Wall	No	8			1	Dome	48-20 ±3	88	1.8k	8/	10 x 14	Wht. PVC	Wht. Steel	24	249.95 Pair
	AIS-30WM	In-Wall	No	6 1/2			1	Dome	60-20 ±3	87	1.8k	8/	8 x 12	Wht. PVC	Wht. Steel	17	174.95 Pair
	AIS-20WM	In-Wall	No	5 1/4			1	Dome	70-20 ±3	87	1.8k	8/	7 x 11	Wht. PVC	Wht. Steel	16	124.95 Pair
	AIS-10WM	In-Wall	No	5 1/4			1	Dome	73-20 ±3	87	4.5k	8/	8 Dia.	Wht. PVC	Wht. Steel	15	69.95 Pair
AIS-30io	Indoor/Outdoor	No	4			1	Dome	125-20 ±3	85		8/	5 x 5 x 7	Opt.	Opt.	17	119.95 Pair	
MONTANA LOUD-SPEAKERS	KAS	Vented	No	(2)12, (2)7	(2)4	Cones	1	Dome	20-30	94	80,500.4k	4/2.5	67 x 21 x 19	Opt.	Blk. Knit	420	27,500 Pair
	SPS	Vented	No	(2)7			1	Dome	30-30	90	3.1k	6/4	45 x 12 x 14	Opt.	Blk. Knit	98	4495.00 Pair
	DPS	Vented	No	(2)5 1/4			3/4	Dome	40-22	88	4k	6/4	41 x 9 x 11	Opt.	Blk. Knit	82	2795.00 Pair
	DP	Bass Ref.	No	(2)5 1/4			3/4	Dome	45-20	87	4.1k	6/4	41 x 8 x 9	Opt.	Blk. Knit	55	2195.00 Pair
	SP	Bass Ref.	No	(2)6 1/2			1	Dome	30-22	89	3k	6/4	45 x 9 x 13	Opt.	Blk. Knit	93	3495.00 Pair
	EPS	Bass Ref.	No	(2)8	(2)4	Cones	1	Dome	20-25	92	300,3k	4/3	54 x 14 x 15	Opt.	Blk. Knit	154	7995.00 Pair
	XP	Bass Ref.	No	(2)10	(2)7, (2)4	Cones	1	Inv. Dome	20-22	93	80,500.4k	4/3	62 x 16 x 17	Opt.	Blk. Knit	254	14,995 Pair
XPS	Bass Ref., Sealed	No	15,12	(2)7, (2)4	Cones	1	Dome	17-25	95	80,300, 3.5k	4/3	72 x 19 x 28	Opt.	Blk. Knit	720	54,995 Pair	
MORDAUNT-SHORT	MS202	Bass Ref.	Yes	6		Cone	1	Dome	57-20	89		8/	14 x 7 x 12	Black Ash; Rswd. or Cherry Baffle	Blk. Knit	12	350.00 Pair
	MS206	Bass Ref.	Yes	6			1	Dome	45-20	90		6/	35 x 7 x 12	As above	Blk. Knit	28	750.00 Pair
	MS207	Bass Ref.	Yes	(2)6	6	Cone	1	Dome	35-20	91		6/	39 x 7 x 12	As above	Blk. Knit	35	950.00 Pair
	MS208	Bass Ref.	Yes	(3)6			1	Dome	30-20	91		6/	43 x 7 x 12	As above	Blk. Knit	38	1150.00 Pair
	MS209C	Ctr. Ch.; Bass Ref.	Yes	(2)5			1	Dome	75-20	90		6/	6 x 18 x 8	As above	Blk. Knit	17	250.00 Each
	MS812	Bass Ref.	Yes	7x5			1	Dome	55-22	90		8/	16 x 8 x 10	Black Ash; Cherry Baffle	Blk. Knit	16	450.00 Pair
	MS814	Bass Ref.	Yes	9x6			1	Dome	50-22	90		8/	32 x 8 x 11	As above	Blk. Knit	26	700.00 Pair
	MS815	Bass Ref.	Yes	9x6	7x5	Cone	1	Dome	45-22	90		8/	37 x 8 x 13	As above	Blk. Knit	32	1000.00 Pair
	MS816	Bass Ref.	Yes	(2)	7x5	Cone	1	Dome	35-22	91.5		8/	41 x 8 x 15	As above	Blk. Knit	41	1400.00 Pair
	MS817	Bass Ref.	Yes	9x6 (2)	7x5	Cone	1	Dome	30-22	92		8/	46 x 8 x 17	As above	Blk. Knit	53	1800.00 Pair
MS821C	Ctr. Ch.	Yes	(2)4			1	Dome	60-22	90		8/		As above	Blk. Knit	13	350.00 Each	
MS823R	Surround Ch.	Yes	7x5			1	Dome	65-22	90		8/		As above	Blk. Knit	12	450.00 Pair	
MS824D	Dipole Surround	Yes	(2)			(2)1	Domes	50-22	90		8/		As above	Blk. Knit	19	900.00 Pair	
MS826S	Powered Sub.	Yes	12					20-50 Hz or 20-100 Hz					As above	Blk. Knit	36	1000.00 Each	
MOREL ACOUSTICS (Continued)	Renaissance Enigma	Trans. Line	No	10 1/2	3	Dome	1 1/2	Dome	33-22 ±3	91		8/	12 x 12 x 42	Opt.	Blk. Knit	56	1800.00 Pair
	Renaissance Prelude	Ac. Sus.	No	6 1/2			1 1/2	Dome	34-25 ±2	91.5	3.8k	8/	9 x 12 x 39	Opt.	Blk. Knit	48	1695.00 Pair
	Renaissance Piccolo	Ac. Sus.	No	5 1/2			1 1/2	Dome	60-22 ±3	89	2.3k		10 x 8 x 12	Blk.	Blk. Knit	15	695.00 Pair

# DON'T BUY IT JUST BECAUSE IT'S BEAUTIFUL



**Titanium dome tweeter.**



**Extruded aluminium cabinet.**



**Die-cast aluminium top cap.**



**Gold plated bi-wire terminals.**



**Audiophile crossover components.**

These may be the best looking speakers ever made - but our engineers hope you'll ignore their stunning appearance.

They admit that the extruded aluminium cabinets are undeniably elegant. But they want you to appreciate how their shape and rigidity reduces internal resonance.

And they can understand how you might be seduced by the gorgeous titanium dome tweeter. But they'll ask you to close your eyes and enjoy its remarkable clarity instead. After all, it's thanks to their pioneering work in Finite Element Analysis that the HF response is so uncannily accurate and smooth.

Of course, they acknowledge that people are impressed by the sight of dual sets of gold plated binding posts and massive bus bar connections between the terminals and the crossover. But they respectfully point out that uncompromised signal transfer is what really counts.

At Celestion, we've always been quietly proud of our loudspeaker technology. But sometimes, design genius is just impossible to hide.

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**CELESTION**

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
			Yes	No	No	No	No	No									
MOREL ACOUSTICS (Continued)	Renaissance Surround	Surround Ch. Sat.	Yes	4			1 1/2	Dome	60-22 ±3	89		8/	6 x 8 x 10	Blk. Lacq.	Blk. Knit	52	495.00 Pair
	Renaissance RC-4.2	Ctr. Ch.	Yes	(2)4			1 1/2	Dome	60-22 ±3	90		8/	18 x 6 x 7	Blk. Lacq.	Blk. Knit	22	395.00 Each
	Duet Encore	Vented Sats. & Sub.	No	6	6		1 1/2	Dome	40-22 ±2	89	1.8k	5/4	8 x 15 x 12	Wood Ven.	Blk. Knit	20	995.00 Pair
				(2)9			1 1/2	Dome	30-22 +1, -3	91	90, 1.6k	4/	Three Pieces	Blk. Lacq.	Blk. Knit	48	829.00 Sys.
	MLP-501	Ac. Sus.	No	9	5 1/2	Dome	1 1/2	Dome	36-22 ±3	90	500, 5k	8/6.5	11 x 12 x 33	Opt., Wood Ven.	Blk. Knit	42	999.00 Pair
	MLP-403.3	Ac. Sus.	No	9	3	Dome	1 1/2	Dome	38-25 ±3	90	500, 5k	6/4	21 x 12 x 10	Wood Ven.	Blk. Knit	26	845.00 Pair
	MLP-203	Ac. Sus.	No	6			1 1/2	Dome	45-22 ±3	90		6.5/4	8 x 10 x 16	Wood Ven.	Blk. Knit		640.00 Pair
	MLP-202II	Ac. Sus.	No	6			1 1/2	Dome	60-28 ±3	89	1.6k	6/4	8 x 13 x 10	Wood Ven.	Blk. Knit	14	545.00 Pair
	MLP-201.3	Ported Ac. Sus.	No	6			1 1/2	Dome	40-20 ±3	90	1k	8/6	9 x 13 x 10	Blk.	Blk. Knit	16	349.00 Pair
MLP-201.2	Ac. Sus.	No	8			1 1/2	Dome	48-22 ±3	89		8/6	10 x 10 x 16	Wood Ven.	Blk. Knit	19	450.00 Pair	
MORRISON AUDIO	1.6	1/4-Wave Omni	Opt.	8			1	Dome	35-25	87	3.5k	8/4	12 x 12 x 25	Blk. Lacq.	Blk. Metal	50	3000.00 Pair
	1.7	1/4-Wave Omni	Opt.	8			1	Dome	25-25	87	3.5k	8/4	14 x 13 x 29	Blk. Lacq.	Blk. Metal	85	4000.00 Pair
	2.8	1/4-Wave Omni		10			1	Dome	20-25	89	2k	8/4	16 x 16 x 34	Blk. Lacq.	Blk. Lacq.	150	9000.00 Pair
MTX	PS10	Powered Sub.	Yes	10								40-150 (Var.)		Blk.		46	399.95 Each
	PS12	Powered Sub.	Yes	12								40-150 (Var.)		Blk.		51	449.95 Each
	PS15	Powered Sub.	Yes	15								50-150 (Var.)		Blk.		64	599.95 Each
	Blueprint MP42B/W		Yes	4			1/2	Dome	110-20			8/	13 x 5 x 5	Opt.	Mesh	8	109.95 Each
	Power 112	Vented		12			2	Horn	39-18	95	1.8k	8/8	25 x 17 x 14	Gray Carpet	Blk. Steel	56	499.95 Each
	Power 115	Vented		15			2	Horn	30-18	96	1.8k	8/8	28 x 22 x 18	Gray Carpet	Blk. Steel	76	549.95 Each
	Power 215	Vented		(2)15			2	Horn	32-18	97	1.8k	4/4	47 x 22 x 18	Gray Carpet	Blk. Steel	118	749.95 Each
	Power S15	Bandpass Sub.		15					35-145 Hz	98		8/8	29 x 22 x 18	Gray Carpet	Blk. Steel	76	399.95 Each
	AAL 525SB	Ctr. Ch.	Yes	(2)5 1/4			1/2	Dome	100-20		7k	8/	8 x 16 x 8	Blk.	Blk. Knit	13	149.95 Each
	AAL 600	Ported		6 1/2			1/2	Dome	90-22	88	7k	8/7	13 x 10 x 7	Opt.	Blk. Knit	12	169.95 Pair
	AAL 620S	Ported		6 1/2			1/2	Dome	90-20	88		8/	13 x 9 x 7	Opt.	Blk. Knit	12	199.95 Pair
	AAL 830	Ported		8	3	Cone		Horn	75-22	91		4/	19 x 12 x 8	Opt.	Blk. Knit	14	259.95 Pair
	AAL 1030	Ported		10	5	Cone	2x5	Horn	55-22	92		4/	24 x 15 x 10	Opt.	Blk. Knit	34	189.95 Each
	AAL 1240	Ported		12	5.3	Cones	2x5	Horn	50-22	92		4/4	27 x 16 x 11	Opt.	Blk. Knit	39	229.95 Each
	AAL 1540	Ported		15	5.3	Cones	2x5	Horn	40-22	92		4/4	29 x 19 x 15	Opt.	Blk. Knit	57	289.95 Each
	AAL 2230	Ported		(2)12	5	Cone	2x5	Horn	38-22	93		4/4	40 x 16 x 15	Opt.	Blk. Knit	82	359.95 Each
	Blueprint 502W	In-Wall; Coaxial		5 1/4			1/2	Dome	72-20	84	4k	8/4	8 x 11 x 3	Wht.	Wht. Steel	4	179.95 Pair
	Blueprint 520W	In-Wall		5 1/4			1	Dome	53-20	84	2.5k	8/	8 x 11 x 3	Wht.	Wht. Steel	4	209.95 Pair
	Blueprint 602W	In-Wall		6 1/2			1/2	Dome	43-20	85	4k	8/	12 x 9 x 3	Wht.	Wht. Steel	4	229.95 Pair
	Blueprint 620W	In-Wall		6 1/2			1	Dome	43-20	85	3k	8/	9 x 12 x 3	Wht.	Wht. Steel	4	259.95 Pair
	Blueprint 820W	In-Wall		8			1	Dome	33-20	86	2.5k	8/	10 x 14 x 4	Wht.	Wht. Steel	6	309.95 Pair
	Blueprint 600WM	In-Wall		6 1/2			1/2	Dome	64-20	88	6.5k	8/	9 x 9 x 3	Wht.	Wht. Alum.	3	159.95 Pair
	Blueprint 600WM	Moisture-Resistant In-Ceiling; Coaxial		5 1/4			1/2	Dome	72-20	85	6k	8/	8 Dia. x 3	Wht.	Wht. Plast.	2	119.95 Pair
	Blueprint 510CM	Moisture-Resistant In-Ceiling		6 1/2			1/2	Dome	50-20	85	6k	8/	9 Dia. x 3	Wht.	Wht. Alum.	3	189.95 Pair
	Blueprint 610CM	Moisture-Resistant In-Ceiling		6 1/2			(2) 1/2	Domes	64-20	84	6k	8/	9 Dia. x 3	Wht.	Wht. Alum.	3	119.95 Each
	Blueprint 622CM	Moisture-Resistant In-Ceiling		8			1/2	Dome	40-20	85	6k	8/	11 Dia. x 4	Wht.	Wht. Alum.	4	249.95 Pair
	Blueprint 810CM	Moisture-Resistant In-Ceiling		8			(2) 1/2	Domes	40-20	84	6k	8/	11 Dia. x 4	Wht.	Wht. Alum.	4	189.95 Each
	Blueprint 822CM	Moisture-Resistant In-Floor		8					52-200 Hz ±3	90	200	8/6	9 x 11 x 28				239.95 Each
	Blueprint FS8A	Vented Sub. In-Floor; Sub.		10					48-200 Hz	92	200	8/	9 x 15 x 29	Blk.		32	279.95 Each
	Blueprint FS10A	In-Wall; Bass Ref.		5 1/4			1	Dome	50-22			8/	8 x 11 x 3	Wht.	Wht. Mesh	5	299.95 Pair
	Pointe MS-5A	In-Wall; Bass Ref.		6 1/2			1	Dome	45-22			8/	9 x 12 x 3	Wht.	Wht. Mesh	6	399.95 Pair
	Pointe MS-6A	In-Wall; Bass Ref.		8			1	Dome	40-22			8/	10 x 14 x 4	Wht.	Wht. Mesh	7	499.95 Pair
	Pointe MS-8A	In-Wall; Bass Ref.		6 1/2			1	Dome	60-22			8/4		Wht.	Wht. Mesh	5	399.95 Pair
Pointe CMS-6.5A	In-Ceiling; Coaxial		8			1	Dome	45-22			8/4		Wht.	Wht. Mesh	7	499.95 Pair	
Pointe CMS-8.5A	In-Ceiling; Coaxial		8			1	Dome	45-22			8/4		Wht.	Wht. Mesh	7	499.95 Pair	
WR5B/W	Outdoor		5 1/4			1	Dome	92-20					Opt.	Mesh	13	249.95 Pair	
MUSE ELECTRONICS	Eighteen	Powered Sub.		(2)10					15-Sel.		Sel.		25 x 25 x 25	Opt.		155	From
	Twenty Two	Powered Sub.		12					22-Sel.		Sel.		20 x 20 x 22	Opt.		85	3450.00 Each From 1650.00 Each
MUSICAL TECHNOLOGY	Osprey	Ctr. Ch.; Bass Ref.	Yes	(2)5			1	Dome	60-22 ±2	87		6/4	25 x 7 x 7	Blk.	Blk.		550.00 Each
	Merlin	Ctr. Ch.; Bass Ref.	Yes	(2)5			1	Dome	80-22 ±2	87		6/4	17 x 7 x 7	Blk.	Blk.		450.00 Each
	Kestrel	Bass Ref.	No	5			1	Dome	60-22 ±2	85		6/4	31 x 8 x 7	Opt.	Blk.		700.00 Pair
	HARRIER	Bass Ref.	No	6 1/2			1	Dome	50-22 ±2	87		6/4	31 x 10 x 9	Opt.	Blk.		1000.00 Pair
	Falcon	Bass Ref.	No	(2)6 1/2			1	Dome	45-22 ±2	90		6/4	44 x 13 x 13	Blk.	Blk.		1400.00 Pair
	PM 15	Bass Ref.	Opt.	6 1/2			1	Dome	50-22 ±2	87	2k	6/4	18 x 8 x 6	Opt.	Blk.		1180.00 Pair
	PM 30	Bass Ref.	Opt.	8			1	Dome	40-22 ±2	88	1.9k	6/4	21 x 10 x 13	Opt.	Blk.		2100.00 Pair
	PMS 45	Powered Sub.	No	8			1	Dome	28-120 Hz ±2			6/4	20 x 12 x 20	Blk.	Blk.		1260.00 Each
NAIM AUDIO	Intro	Bass Ref.	No	8			3/4	Dome	35-20 ±3	89		6/6	10 x 11 x 35	Blk. Vinyl	Blk.	37	1600.00 Pair
	Credo	Bass Ref.	No	8			3/4	Dome	35-20 ±3	89		6/6	10 x 11 x 35	Opt., Wood	Blk.	37	From
	SBL DBL	Inf. Baf. Inf. Baf.	No	8 15	5	Cone	3/4 3/4	Dome Dome	30-20 ±3 17-20 ±3	88 92	2.4k 350, 3.5k	6/6 4/4	11 x 11 x 34 16 x 26 x 47	Opt.		60 200	2550.00 Pair 3900.00 Pair 16,750 Pair

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CIRCLE NO. 88 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
NCA	51LW	Sealed	Yes	5			3/8	Dome	90-18 ±3	89		5/	11 x 7 x 7	Blk. Oak	Knit	9	160.00 Each
	51SW	Sealed	Yes	5			3/4	Dome	90-22 ±3	90		5/	11 x 7 x 7	Blk. Oak	Knit	10	200.00 Each
	51SV	Sealed	Yes	(2)5			3/4	Dome	80-22 ±3	90		5/	19 x 9 x 9	Blk. Oak	Knit	21	385.00 Each
	616V	Sealed	Yes	(2)6 1/2			1	Dome	50-20 ±3	91		5/	21 x 10 x 10	Blk. Oak	Knit	30	550.00 Each
	51D	Sealed		(2)5			(2)3/8	Domes	80-20 ±3	90		5/	11 x 8 x 13	Blk. Oak	Knit	22	380.00 Each
	61W II	Sealed		(2)6 1/2			(2)1	Domes	80-20 ±3	91		5/	13 x 16 x 8	Blk. Oak	Knit	20	600.00 Each
	71D	Sealed		(2)7			(2)1 1/8	Domes	80-22 ±2	92		5/	15 x 17 x 10	Blk.	Knit	32	1000.00 Each
	631	Sealed	Yes	(2)6	(2)4	Cones	3/4	Dome	40-22 ±3	90		5/	26 x 9 x 11	Textured Blk. Oak	Knit	40	750.00 Each
	631C	Sealed	Yes	(2)6	(2)4	Cones	3/4	Dome	40-22 ±3	90		5/	11 x 21 x 11	Blk. Oak	Knit	40	750.00 Each
	747	Slotted Port		(2)7	(2)4	Cones	3/4	Dome	30-22 ±2	90		4/	30 x 10 x 14	Blk.	Knit	90	2500.00 Each
	CW61 II	Ported	Yes	6			1	Dome	45-20 ±3	91		6/	17 x 9 x 13	Textured Blk. Oak	Knit	25	350.00 Each
	CW616 II	Ported	Yes	(2)6			1	Dome	25-20 ±3	94		5/	40 x 9 x 9	Blk. Oak	Knit	50	500.00 Each
	1261	Ported	Yes	12	6 1/2	Cone	1	Dome	30-20 ±3	90		6/	40 x 15 x 11	Blk. Oak	Knit	70	750.00 Each
	71	Slotted Port		7			1 1/8	Dome	32-22 ±2	90		8/	45 x 9 x 12	Red Wal.	Knit	75	1500.00 Each
717	Slotted Port		(2)7			1 1/8	Dome	25-22 ±2	92		5/	45 x 9 x 16	Red Wal.	Knit	100	1800.00 Each	
G-10	Ported Sub.		10					29-250 Hz ±3	89		6/	13 x 13 x 13	Blk. Oak	Knit	28	350.00 Each	
G-12	Ported Sub.		12					25-250 Hz ±3	89		4/	17 x 17 x 17	Blk. Oak	Knit	47	500.00 Each	
G-12A	Powered, Ported Sub.		12					25-180 Hz ±3	89	70-180	4/	17 x 17 x 17	Blk. Oak	Knit	52	850.00 Each	
G-15 II	Slotted-Port Sub.		15					20-250 Hz ±3	90		4/	19 x 19 x 19	Blk. Oak	Knit	86	730.00 Each	
G-18	Sealed Sub.		18					15-250 Hz ±2	90		8/	31 x 22 x 24	Blk. Textured	Knit	205	1500.00 Each	
NELSON-REED	The Cleo	Ribbon & Slot-Loaded Woofer	Yes	(4)8				Ribbon	27-30 ±3	97	1.2k	8/6.4		Opt., Wood	Blk. Knit	120	9400.00 Pair
	Lord Tannel	Dual Concentric; Tuned Ports		12			1 1/4	Dome	34-21 ±3	96	1.2k		56 x 16 x 12	Opt., Wood	Blk. Knit	100	6800.00 Pair
	8-04/CM	Slot-Loaded		(2)8	3	Dome	1	Dome	32-20 ±2	93	320,3.5k	8/6	47 x 12 x 15	Opt.	Opt.	100	5400.00 Pair
	6-02/TC	Ported		6			1	Dome	40-20 ±3	90	3.5k	8/7	43 x 9 x 9	Opt.	Opt.	60	1190.00 Pair
	5-02/CM	Inf. Baf.		5 1/4			1	Dome	70-20 ±3	90	3.5k	8/7	12 x 8 x 8	Opt.	Opt.	12	750.00 Pair
	1201	Inf. Baf. Sub.		12					32-125 Hz ±3	90	90	6/4	18 x 18 x 18	Opt.	Opt.	40	750.00 Each
	1204/P	Inf. Baf. Sub.		(4)12			1	Dome	16-62 Hz ±3	93	62	2/2	39 x 18 x 18	Opt.	Opt.	100	1800.00 Each
1002 Signature	Ported		10					32-20 ±2	92	2.2k	8/7	42 x 13 x 15	Opt., Wood	Opt.	85	2850.00 Pair; Kit, 2050.00	
603	Ported		(2)6 1/2			1	Dome	40-20 ±3	92	2.8k	8/7	43 x 9 x 9	Opt., Wood	Opt.	65	1350.00 Pair; Kit, 950.00	
802	Ported		8			1	Dome	38-20 ±3	89	2.8k	8/7	39 x 12 x 15	Opt., Wood	Opt.	70	1850.00 Pair; Kit, 1250.00	
NESTOROVIC LABORATORIES	Type 5AS Mk IV	Nestorovic		10,8	4	Dome	3 1/2	Planar	28-40	91	1k,7k	8/5	36 x 15 x 15	Opt., Wood	Blk. Knit	85	4500.00 Pair
	Type 5AS Mk IV	Nestorovic		10,8	4	Dome	3 1/2	Planar	28-40	91	1k,7k	8/5	36 x 15 x 15	Opt., Wood	Blk. Knit	85	7000.00 Pair
	Signature	Nestorovic		10,8	4	Dome	3 1/2	Planar	28-40	91	1k,7k	8/5	36 x 15 x 15	Opt., Wood	Blk. Knit	85	8500.00 Pair
	Type 5AS Mk IV	Nestorovic		10,8	4	Dome	3 1/2	Planar	28-40	91	1k,7k	8/5	36 x 15 x 15	Opt., Wood	Blk. Knit	85	8500.00 Pair
	Reference Polyhedron (for Type 5)	Sat.					3 1/2	Planar	3k-40k	91	3.5k	8/8	9 x 8 x 6	Opt., Wood		9	2000.00 Pair
	Type 4A Mk III	Sat.		8	4	Dome	3 1/2	Planar	60-40 +1,-3	91	200,1k,7k	8/6	22 x 12 x 12	Opt., Wood	Blk. Knit	42	7000.00 Pair
	Reference Polyhedron (for Type 4)	Sat.					3 1/2	Planar	3k-40k	91	3.5k	8/8	8 x 8 x 6	Opt., Wood		9	2000.00 Pair
	Type 8 Mk II	Nestorovic Sub.		(2)12					18-250 Hz	91	200	8/5	22 x 26 x 26	Opt., Wood	Blk. Knit	135	6000.00 Pair
Reference System 12A Mk III	2 Type 4A Sats. & 2 Type 8 Subs.		(4)12, (2)8	(2)4	Domes	(2)3 1/2	Planars	18-40 +1,-3	91	200,1k,7k	8/5	Four Pieces	Opt., Wood	Blk. Knit	354 Sys.	13,000 Sys.	
Reference System 16A Mk III	4 Type 4A Sats. & 2 Type 8 Subs.		(4)12, (4)8	(4)4	Domes	(4)3 1/2	Planars	18-40 +1,-3	91	200,1k,7k	8/5	Six Pieces	Opt., Wood	Blk. Knit	438 Sys.	20,000 Sys.	
NEWFORM RESEARCH	R530	Monopole	No	5			30x3/4	Ribbon	42-20 ±3	87	1.2k	8/6	57 x 6 x 9	Blk. Oak	Blk. Knit	45	1305.00 Pair
	R630	Monopole	No	6 1/2			30x3/4	Ribbon	38-20 ±3	88	1.2k	8/6		Blk. Oak	Blk. Knit	70	1516.00 Pair
	R645	Monopole	No	(2)6 1/2			45x3/4	Ribbon	34-20 ±3	91	1.2k	6/5		Blk. Oak	Blk. Knit	88	2265.00 Pair
	R830	Monopole	No	8			30x3/4	Ribbon	36-20 ±3	87	1.2k	8/6		Blk. Oak	Blk. Knit	71	1236.00 Pair
	NHB 45	Monopole	No	(2)5			45x3/4	Ribbon	80-20 ±3	91	1.2k	6/5	76 x 7 x 9	Blk.	Blk. Knit	112	2290.00 Pair
	Quad 12 Sub	Powered Servo Sub.	No	(4)12					12-80 Hz ±2			6/5	19 x 19 x 24	Blk. Oak		86	930.00 Each
	I Want It All	Powered Servo Sub.	No	(4)18					12-80 Hz ±2				24 x 24 x 32	Blk. Oak		118	1690.00 Each
	Quad 18 Sub	Powered Servo Sub.	No	(4)18					12-80 Hz ±2				24 x 24 x 32	Blk. Oak		118	1690.00 Each
	R55	Ctr. Ch.	Opt.	5			5x3/4	Ribbon	80-20 ±3	88	1.5k	8/6	16 x 7 x 11	Blk. Oak	Blk. Knit	23	556.00 Pair
	R58	Ctr. Ch.	Opt.	5			8x3/4	Ribbon	45-20 ±3	86	1.4k	8/7	21 x 8 x 11	Blk. Oak	Blk. Knit	24	910.00 Pair
	Standing Module 30	Ctr. Ch.	Opt.	5			30x3/4	Ribbon	80-20 ±3	88	1.2k	8/5	57 x 6 x 9	Blk. Oak	Blk. Knit	46	990.00 Pair
	No Holds		No	(2)5			60x3/4	Ribbon	12-20 ±3	91	1.2k	6/4	92 x 7 x 9	Blk. Oak	Blk. Knit	204	4235.00 Pair
	Barred NHB Essential		No	(2)5			60x3/4	Ribbon	80-20 ±3	91	1.2k	6/4	92 x 7 x 9	Blk. Oak	Blk. Knit	118	2540.00 Pair
R5	Monopole Tweeter	Yes				5x3/4	Ribbon	1.5k-20k ±2	88		8/8	7 x 5 x 3	Blk. Epoxy		11	292.00 Pair	
R15	Monopole Tweeter	Yes				15x3/4	Ribbon	1k-20k ±2	87		8/6	15 x 3 x 2	Blk. Epoxy		14	460.00 Pair	
R30	Monopole Tweeter	Yes				30x3/4	Ribbon	1k-20k ±2	88		8/7	30 x 3 x 2	Blk. Epoxy		25	680.00 Pair	
R45	Monopole Tweeter	Yes				45x3/4	Ribbon	1k-20k ±2	91		6/5	45 x 3 x 2	Blk. Epoxy		44	980.00 Pair	
NEW WAVE BY NHT	Music System	Sats. & Sub.; Ac. Sus.	Yes	8	3 1/2	Cone	3/4	Dome	45-20 ±3	88	Var. & 4.5k	8/5.4	Three Pieces	Opt.	Opt.	25 Sys.	530.00 Sys.
	Home Theater System	5 Sats. & Sub.; Ac. Sus.	Yes	8	3 1/2	Cone	3/4	Dome	45-20 ±3	88	Var. & 4.5k	8/5.4	Six Pieces	Opt.	Opt.	34 Sys.	800.00 Sys.

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CIRCLE NO. 77 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
NHT	1.5	Ac. Sus.	No	6½		1	Dome	53-25 ±3	85	3.3k	8/6.2	17 x 7 x 10	Opt.	Opt.	16	From 600.00 Pair	
	2.5i	Ac. Sus./Vented	No	8	6½	Cone	1	Dome	29-25 ±3	86	100,3.3k	38 x 7 x 16	Opt.	Opt.	53	From 1300.00 Pair	
	2.9	Ac. Sus.	No	10	6½, 4	Cones	1	Dome				40 x 7 x 22	Opt.	Opt.			
	3.3	Ac. Sus.	No	12	6½, 4	Cones	1	Dome	23-26 ±3	87	100,320, 3.5k	42 x 7 x 31	Opt.	Opt.	123	From 4300.00 Pair	
	AudioCenter-1 HDP-1	Ctr. Ch., Ac. Sus. Dipole Surround; Ac. Sus.	Yes	(2)5¼		1	Dome	75-21 ±3	87	2.9k	8/6	7 x 19 x 8	Blk. Gloss	Blk. Knit	17	450.00 Each	
	HDP-2	Dipole Surround; Ac. Sus.	No	6½	(2)4½	Cones	(2)1	Domes	105-10 ±3	86	400	8/4.4	9 x 6 x 6	Opt.	Opt.	8	380.00 Pair
	SuperZero	Ac. Sus.	Yes	4½		1	Dome	85-25 ±3	86	2.2k	8/7.5	9 x 6 x 5	Opt.	Opt.	6	From 125.00 Each	
	SuperZero Xu	Ac. Sus., Molded	Yes	4½		1	Dome	85-25 ±3	86	2.2k	8/7.5	9 x 6 x 5	Opt.	Opt.	5	From 175.00 Each	
	SuperOne	Ac. Sus.	Yes	6½		1	Dome	57-25 ±3	86	2.2k	8/6	12 x 7 x 9	Opt.	Opt.	10		
	SuperOne Xu	Ac. Sus., Molded	Yes	6½		1	Dome	57-25 ±3	86	2.2k	8/6	12 x 7 x 9	Opt.	Opt.	9		
	SuperTwo	Vented	Yes	6½	6½	Cone	1	Dome	35-25 ±3	87	120,2.2k	8/3.8	12 x 7 x 8	Opt. Blk. Gloss Lam.	Opt. Blk. Knit	40	750.00 Pair
	VT-1.2	Ac. Sus./Vented	Yes	8	(2)4½	Cones	1	Dome	33-21 ±3	86	120,2.2k	8/5	38 x 6 x 16	Blk. Gloss	Blk. Knit	42	1100.00 Pair
	VS-1.2A	Ac. Sus. Sat.	Yes	(2)4½		1	Dome	80-21 ±3	86	2.2k	8/6.3	6 x 19 x 8	Opt. Blk. Gloss	Opt. Blk. Knit	14	300.00 Each	
	VT-2	Ac. Sus./Vented	Yes	10	(2)5¼	Cones	1	Dome	25-21 ±3	88	125,2.3k, 5.5k	6/4	48 x 8 x 8	Blk. Gloss	Blk. Knit	75	1800.00 Pair
	VS-2A	Ac. Sus. Sat.	Yes	(2)5¼		1	Dome	75-21 ±3	88	2.3k	8/6	8 x 19 x 8	Opt.	Opt.	17	450.00 Each	
	SW1P	Powered, Vented Sub.	No	8				35-200 Hz		Var.			12 x 16 x 12	Opt.	Opt.	17	500.00 Each
	SW2Pi	Powered, Vented Sub.	No	10				27-150 Hz		Var.			16 x 16 x 16	Opt.	Opt.	27	800.00 Each
	SW3P	Powered, Vented Sub.	No	12				23-150 Hz		Var.			19 x 19 x 19	Blk. Gloss	Blk. Knit	48	1350.00 Each
	SW1S	Ac. Sus. Sub. Vented Slave Sub.	No	8				35-500 Hz	87		8/7.2	12 x 16 x 12	Opt.	Opt.	23	245.00 Each	
	SW2Si	Vented Slave Sub.	No	10				27-500 Hz	89			16 x 16 x 16	Opt.	Opt.	39	360.00 Each	
	SW3S	Ac. Sus. Slave Sub.	No	12				23-250 Hz	87			19 x 19 x 19	Blk. Gloss	Blk. Knit	72	600.00 Each	
ASW8Ci	In-Wall, Powered Sub.	No	8				35-150 Hz		35-150 (Var.)	8/7	9 x 3	Blk.	Wht. Metal	52	800.00 Each		
SuperOne Ci	In-Wall	No	6½				50-20 ±3	86.5	2.6k	8/	12 x 8	Wht.	Wht. Metal	4	350.00 Pair		
CS-6.1ci	In-Ceiling	No	6½				69-20 ±3	86.5	2.2k	8/	9 x 3	Wht.	Wht. Metal	5	300.00 Pair		
CS-6.3ci	In-Ceiling	No	6½			(3)1	66-20 ±3	86.5	2.2k	8/	9 x 3	Wht.	Wht. Metal	5	450.00 Pair		
Outdoor One	Outdoor, Ac. Sus.	No	6½				57-21 ±3	88	2.5k	6/	12 x 7 x 7	Wht.	Wht. Metal	8	400.00 Pair		
NIGHTINGALE AUDIO	Nightingale I	Ported; Time Aligned	No	6½		1	Dome	40-20 ±3	86	2.5k	6/4	18 x 9 x 12	Opt., Wood	Blk. Knit	24	1400.00 Pair	
	Nightingale II	Ported; Time Aligned	No	8	5	Cone	1	Dome	30-20 ±3	88	500,3.5k	8/6	38 x 12 x 14	Opt., Wood	Blk. Knit	60	2000.00 Pair
NILES AUDIO	HD CTR BX	Ctr. Ch., Sealed Ceiling Mount	Yes	(2)5¼		1	Dome	45-21 ±3	90		8/8	21 x 7 x 10	Blk. Ash	Blk. Knit	18	399.95 Each	
	CM 650MP	Ceiling Mount	No	6½		¾	Dome	50-20 ±3	90		8/4	9 Dia.	Wht.	Wht. Alum.	5	299.00 Pair	
	CM 800MP	Ceiling Mount	No	8		¾	Dome	40-20 ±3	90		8/4	11 Dia.	Wht.	Wht. Alum.	6	379.00 Pair	
	CM 650HD	Ceiling Mount	No	6½		1	Dome	40-21 ±3	89		8/4	9 Dia.	Wht.	Wht. Alum.	6	399.00 Pair	
	CM 800HD	Ceiling Mount	No	8		1	Dome	35-21 ±3	89		8/4	11 Dia.	Wht.	Wht. Alum.	7	479.00 Pair	
	CM 800SW	Ceiling Mount; Sub.	No	8				35-140 Hz	89		8/	11 Dia.	Wht.	Wht. Alum.	8	229.00 Each	
	CM 75	Ceiling Mount	No	5¼		¾	Dome	63-20 ±4	91	3.5k	8/7	7 x 7	Wht.	Wht. Alum.	2	149.00 Pair	
	CM 76	Ceiling Mount	No	5¼		¾	Dome	63-20 ±4	91	3.5k	8/7	8 Dia.	Wht.	Wht. Alum.	3	149.00 Pair	
	CM 77	Ceiling Mount	No	5¼		¾	Dome	63-20 ±4	91	3.5k	8/7	8 Dia.	Wht.	Opt., Alum.	3	149.00 Pair	
	CM 650BG	Ceiling Mount	No	6½		¾	Dome	55-20 ±3	91	3.5k	8/7	9 Dia.	Wht.	Wht. Alum.	4	199.00 Pair	
	PSW 800	In-Wall; Sub.	No	8				35-140 Hz	89			10 x 14	Wht.	Wht. Alum.	6	229.95 Each	
	AT 8000	In-Wall	No	8	1½	Dome	1	Dome	30-21 ±3	89		8/4	11 x 18	Wht. Alum.		899.00 Pair	
	AT 8200	In-Wall	No	8	1½	Dome	1	Dome	30-21 ±3	89		8/4	11 x 18	Wht. Alum.		1499.00 Pair	
	AT 8500	In-Wall	No	8	(2)1½	Domes	1	Dome	30-21 ±2	89		8/4	11 x 18	Wht. Alum.		1799.00 Pair	
	AT 8700	In-Wall	No	8	(2)1½	Domes	1	Dome	30-21 ±2	89		8/4	11 x 18	Wht. Alum.		1999.00 Pair	
	HD 800	In-Wall	No	8			1	Dome	35-21 ±3	88		6/6	10 x 14	Opt.	Opt.	8	529.00 Pair
	HD CTR	In-Wall; Ctr. Ch.	Yes	(2)5¼			1	Dome	45-21 ±3	89		8/8	8 x 14	Wht.	Wht.		299.00 Each
	HD LRS	In-Wall	No	(2)5¼			1	Dome	45-21 ±3	89		8/8	8 x 14	Wht.	Opt.		279.00 Each
	BG 525	In-Wall	No	5¼	5¼			100-12 ±5	89		8/8	7 x 10	Wht.	Opt.	4	149.00 Pair	
	MP 525	In-Wall	No	5¼		¾	Dome	65-20 ±3	89		8/8	7 x 10	Wht.	Opt.	4	229.00 Pair	
	MP 650	In-Wall	No	6½		¾	Dome	55-20 ±3	89		8/8	9 x 12	Wht.	Opt.	5	279.00 Pair	
HD 525	In-Wall	No	5¼		1	Dome	55-21 ±3	88		6/6	7 x 10	Wht.	Opt.	5	329.00 Pair		
HD 650	In-Wall	No	6½		1	Dome	45-21 ±3	88		6/6	9 x 12	Wht.	Opt.	6	399.00 Pair		
OS-10	Indoor/Outdoor	No	5¼		1	Dome	65-21 ±3	88	3.5k	8/6	11 x 8 x 8	Opt.	Opt., Alum.	7	399.00 Pair		
OS-20	Indoor/Outdoor	No	6½		1	Dome	65-21 ±3	91	3.5k	8/6		Opt.	Opt., Alum.	7	499.00 Pair		
OS-1	Indoor/Outdoor	No	5	5			110-12 ±5	89		4/4	9 x 7 x 7	Opt.	Opt., Alum.	4	229.00 Pair		
OS-5	Indoor/Outdoor	No	5		¾	Dome	110-20 ±3	89	3.5k	4/4	9 x 7 x 7	Opt.	Opt., Alum.	5	299.00 Pair		
NORTH	Spirit Passion	Vented	No	5		1½	Dome	65-20 ±3	84	2.5k	8/6	7 x 10 x 12	Cherry	Blk.	31	2349.00 Pair	
	Karma	Vented	No	7		1½	Dome	41-20 ±3	85	2k	8/6	9 x 12 x 41	Cherry	Blk.	47	5295.00 Pair	
	Soul	Vented Ac. Sus.	No	(2)7 (4)10	(2)5	Cones	1½	Dome	34-20 ±2	90.3	2k	4/3	9 x 12 x 46	Cherry Rswd.	Blk.	112	7295.00 Pair
NORTH CREEK MUSIC SYSTEMS	Ariel Kit	Trans. Line	No	(2)5		1½	Dome	45-20 ±3	90	1.5k	4/3	8 x 12 x 43	Opt.	Opt.	56	Kit, 749.00 Pair	
	Borealis Value Kit	QB3 Vented	No	7		1½	Dome	43-20 ±3	85	2.2k	8/6	9 x 12 x 24	Opt.	Opt.	37	Kit, 699.00 Pair	
	Borealis Unlimited Kit	QB3 Vented	No	7		1½	Dome	43-20 ±3	85	2.2k	8/6	9 x 12 x 24	Opt.	Opt.	41	Kit, 949.00 Pair	
	Rhythm Value Kit	QB3 Vented	No	(2)7		1½	Dome	37-20 ±3	90	2.2k	4/3	9 x 12 x 43	Opt.	Opt.	97	Kit, 999.00 Pair	
	Rhythm Unlimited Kit	QB3 Vented	No	(2)7		1½	Dome	37-20 ±3	90	2.2k	4/3	9 x 12 x 43	Opt.	Opt.	104	Kit, 1249.00 Pair	



# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
NORTH CREEK (Continued)	Rhythm Revelator Signature Kit	QB3 Vented	No	(2)7			1 1/2	Dome	37-20 ±3	90.5	2.2k	4/3	9 x 12 x 43	Opt.	Opt.	108	Kit, 1699.00 Pair
NORWEX	B-1 Gnom	Main or Surround Ch.; Vented	No	4 1/2			1	Dome	70-20 ±3	84.5	2.8k	8/6	9 x 6 x 7	Opt.	Opt., Knit	9	995.00 Pair
	B-2 Nisse	Main or Surround Ch.; Vented	No	4 1/2			1	Dome	53-20 ±3	84.5	2.8k	8/6	9 x 7 x 9	Opt.	Opt., Knit	11	995.00 Pair
	B-3 Faun C-1 Dverg SW-1 Troll	Main Ch.; Vented Ctr. Ch.; Vented Vented Dual-Voice-Coil Sub.	No Yes No	5 4 1/2 8			1 1	Dome Dome	40-20 ±3 53-20 ±3 32-70 Hz ±3	87 84.5 87.5	2.8k 2.8k 70	8/6 8/6 4/3.8	9 x 16 x 9 8 x 6 x 13 10 x 15 x 23	Opt. Opt. Blk.	Opt., Knit Opt., Knit Blk. Metal	24 11 38	1495.00 Pair 595.00 Each 695.00 Each
NOVA AUDIO	Evolution II	Vented	No	(2)10	(2)7	Cones	1	Dome	18-25 ±3	88		4/3.2	70 x 16 x 35	Opt.	Blk.	600	From 32,000 Pair
	Rendition	Vented	No	(2)8	(2)7	Cones	1	Dome	25-25 ±3	88		4/3.2	60 x 12 x 21	Opt.	Blk.	200	From 18,900 Pair
	Applause	Vented	No	(2)7			1	Dome	30-25 ±3	89		4/3.2	48 x 9 x 14	Opt.	Blk.	80	From 4990.00 Pair
	Bravo	Vented	No	7			1	Dome	33-25 ±3	87		8/6	42 x 9 x 9	Opt.	Blk.	58	From 3330.00 Pair
	Ovation	Vented	No	7			1	Dome	45-20 ±3	87		8/6	16 x 9 x 11	Opt.	Blk.	26	From 1990.00 Pair
NSM LOUD-SPEAKERS	5	Ac. Sus.	No	4 1/2			1	Dome	65-20 ±3	87			6 x 10 x 7	Satin Blk.	Blk. Knit	7	495.00 Pair
	5D	Ac. Sus.	Yes	4 1/2			1	Dome	65-20	87			10 x 6 x 7	Satin Wht.	Blk. Knit	7	300.00 Each
	10	Ac. Sus.	No	4 1/2			1	Dome	55-20	82			6 x 10 x 7	Satin Blk.	Blk. Knit	8	595.00 Each
	10S	Ac. Sus.	No	4 1/2			1	Dome	55-20	82			6 x 10 x 7	Satin Blk.	Blk. Knit	8	795.00 Each
	15	Ac. Sus.	No	6 1/2			1	Dome	50-20	87			8 x 14 x 9	Satin Blk.	Blk. Knit	15	695.00 Each
	25	Ac. Sus.	No	6 1/2			1	Dome		82		16/8	9 x 22 x 10	Oiled Wal.	Blk. Knit	30	995.00 Pair
	ACTR1	Hybrid; Trans. Line & Ac. Sus.	Yes	(2)6 1/2			1	Dome		91		8/4	8 x 24 x 16	Satin Blk.	Blk. Knit	30	995.00 Each
	50	Ac. Sus.		(2)6 1/2			1	Dome		86		16/8		Satin Blk.	Blk. Knit	45	1495.00 Pair
75	Ac. Sus.		(3)6 1/2			1	Dome	38-20	89		8/4		Opt.	Blk. Knit	65	2495.00 Pair	
200	Ac. Sus.		15	(2)6 1/2	Cones	1	Dome	28-20 ±3	91		6/3	51 x 15 x 18	Satin Blk.	Blk. Knit	150	4995.00 Pair	

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CIRCLE NO. 66 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
ODEON	La Boheme	Horn	No	10			1	Compr. Horn	48-19 ±3	98	1.2k	8/8		Burl'd Wal.	None	156	15,000 Pair
	La Traviata	Horn	No	8			1	Compr. Horn	53-20 ±3	96	1.4k	8/8		Beech	None	112	12,000 Pair
	Double 7		No	(2)7	4	Cone/Horn	1	Horn	45-20 ±3	94	600,2.2k	8/8		Wal.	None	88	8500.00 Pair
	Single Six		No	5 1/4			1	Dome/Horn	50-20 ±3	88	2.5k	8/7	39 x 6 x 9	Birch		35	2900.00 Pair
	Double Six		No	(2)5 1/4			1	Dome/Horn	50-20 ±3	91	100	4/4	41 x 7 x 11	Birch		45	3600.00 Pair
	Double Seven		No	(2)6 1/2	4	Cone/Horn	1	Dome/Horn	40-20 ±3	94	580,2.8k	4/4	51 x 9 x 16	Birch		80	9800.00 Pair
	No. 17		No	6 1/2			1	Dome/Horn	50-20 ±3	89	2.6k	8/8	15 x 8 x 11	Birch		30	2600.00 Pair
	No. 25		No	10			1	Compr. Horn	38-19 ±3	95	1.4k	8/8	47 x 13 x 15	Birch	Blk. Knit	95	11,500 Pair
	No. 30 Ultimate		No	12	5 1/4	Cone/Horn	1	Compr. Horn	32-19 ±3	95.5	320,2.2k	8/8	51 x 18 x 8	Birch		170	27,500 Pair
No. 33 Ultimate		No	13	6 1/2	Cone/Horn	1	Compr. Horn	29-19 ±3	96	260,2k	8/8	51 x 24 x 28	Birch		220	38,400 Pair	
OEM SYSTEMS	NeC-5.25	In-Wall; Inf. Baf.		5 1/4			1	Dome	70-20	90	5k	8/	7 x 9 x 3	Wht.	Wht.	4	299.95 Pair
	NeC-5.50	In-Wall; Inf. Baf.		5 1/2			1	Dome	60-21	90	5k	8/	8 x 11 x 3	Wht.	Wht.	5	329.95 Pair
	NeC-6.50	In-Wall; Inf. Baf.		6 1/2			1	Dome	50-21	90	5k	8/	9 x 12 x 3	Wht.	Wht.	6	399.95 Pair
	NeC-820	In-Wall; Inf. Baf.		8			1	Dome	40-21	90	5k	8/	11 x 15 x 3	Wht.	Wht.	10	449.95 Pair
	NeC-830	In-Wall; Inf. Baf.		8	1	Dome	3/4	Dome	40-21	90	750,5k	8/	11 x 15 x 3	Wht.	Wht.	10	499.95 Pair
	C-8SW	In-Wall; Inf. Baf. Sub.		8			1	Dome	30-120 Hz	90	120	8/	11 x 15 x 3	Wht.	Wht.	11	299.95 Each
	SC-Nec520	In-Wall/In-Ceiling; Inf. Baf.		5 1/4			1	Dome	60-21	90	5k	8/	8 Dia. x 2	Wht.	Wht.	3	299.95 Pair
	SL-5000	In-Wall/In-Ceiling; Ac. Sus.		5			1	Dome	50-20	86	3k	8/	5 Dia. x 5	Wht.	Wht.	3	99.95 Each
	SE-320	Bass Ref.		3 1/2			1	Dome	80-20	89	5k	8/	7 x 5 x 4	Opt.	Opt.	4	199.95 Pair
	SE-420	Bass Ref.		4			1	Dome	60-20	88	3.5k	8/	8 x 6 x 5	Opt.	Opt.	5	299.95 Pair
	SE-520	Bass Ref.		5			1	Dome	65-20	87	3k	8/	9 x 6 x 5	Opt.	Opt.	6	269.95 Pair
SE-620	Bass Ref.		6 1/2			1	Dome	40-20	88	3.5k	8/	11 x 7 x 6	Opt.	Opt.	8	349.95 Pair	
OHM ACOUSTICS	P-1	Bass Ref.		6 1/2			1 1/2		37-20	89		6/	8 x 24 x 12	Blk.		29	795.00 Pair
	P-2	Ac. Sus.		6 1/2			1 1/2		60-20	89		8/	8 x 17 x 7	Blk.		16	495.00 Pair
	P-3	Ac. Sus.		6 1/2			1		80-20			6/	8 x 8 x 12	Blk.			750.00 Pair
	SAT-1	Surround Ch.					1		100-12	90		6/	7 x 8 x 7	Blk. Vinyl			220.00 Pair
	Dipolar Satellite	Dipole Surround					1		100-12	90		8/	14 x 3 x 6	Opt.			495.00 Pair
	SB-2P	Sub.					1		35-100 Hz	90	100	6/	17 x 15 x 23	Opt.			595.00 Each
	SB-1	Sub.					1		42-100 Hz	90	100	6/	9 x 23 x 13	Opt.			395.00 Each
	SB-4	Sub.		(2)12			1		29-80 Hz	90		6/	28 x 17 x 18	Blk.			895.00 Each
	G-3	Surround Ch., Omni; Walsh					1		29-18	87		6/	35 x 13 x 11	Textured Opt.			1295.00 Pair
	Walsh 100 MK2	Walsh					1		29-20	87		6/	14 x 39 x 10	Opt., Wood Ven.			1395.00 Pair
Walsh 200 MK2	Walsh					1		25-20	87		6/	16 x 43 x 12	Opt., Wood Ven.			2995.00 Pair	
Walsh 300 MK2	Walsh					1		20-20	87		6/	18 x 48 x 14	Opt.		95	3995.00 Pair	
OLS AUDIO TECHNOLOGY	Lotus 1.0	Vented	No	(2)11	(2)7	Cones	1	Dome	25-25 ±3	93	120,2.25k	4/	51 x 19 x 13	Opt.	Blk. Knit	127	6299.00 Pair
	Lotus 2.0	Vented	No	(2)9			1	Dome	30-22 ±3	92	2k	4/	46 x 16 x 10	Opt.	Blk. Knit	79	4399.00 Pair
	Lotus 3.0	Vented	No	9			1	Dome	35-22 ±3	90	2k	8/	38 x 13 x 10	Opt.	Blk. Knit	61	3299.00 Pair
	Lotus 4.0	Vented	No	9			1	Dome	40-22 ±3	90	2k	8/	22 x 13 x 10	Opt.	Blk. Knit	37	2899.00 Pair
	Lotus 5.0	Vented	No	(2)7			1	Dome	35-22 ±3	91	2k	4/	44 x 13 x 9	Opt.	Blk. Knit	53	3299.00 Pair
	Lotus 6.0	Vented	No	7			1	Dome	40-22 ±3	89	2k	8/	34 x 13 x 9	Opt.	Blk. Knit	41	2499.00 Pair
	Lotus 7.0	Vented	Yes	7			1	Dome	45-22 ±3	88	2k	8/	14 x 13 x 9	Opt.	Blk. Knit	28	2159.00 Pair
	Lotus 8.0	Vented	Yes	5			1	Dome	55-22 ±3	86	2k	8/	11 x 7 x 7	Opt.	Blk. Knit	12	1299.00 Pair
	Lotus LSB 1.0	Vented Sub.	Yes	11			1	Dome	25-120 Hz ±3	90	120	8/	14 x 18 x 19	Opt.	Blk. Knit	62	1199.00 Each
	Lotus LC 1.0	Vented	Yes	(2)5			1	Dome	50-22 ±3	90	2k	4/	6 x 12 x 19	Opt.	Blk. Knit	27	899.00 Each
	Emotion 1.0	Vented	No	(2)7	4	Cone	1	Dome	30-25 ±3	90	150,500, 2k	4/	39 x 14 x 9	Opt.	Blk. Knit	65	5499.00 Pair
	Emotion 2.0	Vented	No	7	4	Cone	1	Dome	35-22 ±3	89	500,2k	8/	34 x 11 x 9	Opt.	Blk. Knit	47	4199.00 Pair
	Emotion 3.0	Vented	No	7	4	Cone	1	Dome	35-22 ±3	89	2k	8/	34 x 11 x 9	Opt.	Blk. Knit	42	3599.00 Pair
	Emotion 4.0	Vented	No	(2)7	4	Cone	1	Dome	33-25 ±3	90	150,500, 2k	4/	39 x 14 x 9	Opt.	Blk. Knit	55	2999.00 Pair
	Emotion 5.0	Vented	No	7	4	Cone	1	Dome	38-25 ±3	89	500,2k	8/	34 x 14 x 9	Opt.	Blk. Knit	53	2399.00 Pair
Emotion 6.0	Vented	No	7	4	Cone	1	Dome	40-25 ±3	89	2k	8/	34 x 14 x 9	Opt.	Blk. Knit	41	2199.00 Pair	
Emotion 7.0	Vented	Yes	7	4	Cone	1	Dome	42-25 ±3	88	2k	8/	15 x 10 x 9	Opt.	Blk. Knit	22	1799.00 Pair	
Emotion 8.0	Vented	Yes	5	4	Cone	1	Dome	55-25 ±3	90	2k	8/	11 x 7 x 7	Opt.	Blk. Knit	12	1299.00 Pair	
Emotion ESB 1.0	Vented Sub.	Yes	11			1	Dome	25-120 Hz ±3	90	120	8/	14 x 18 x 19	Opt.	Blk. Knit	62	1199.00 Each	
Emotion EC 1.0	Vented	Yes	(2)5			1	Dome	45-25 ±3	90	2k	4/	6 x 12 x 19	Opt.	Blk. Knit	27	899.00 Each	
ONKYO	HTS System 2	THX; Main Ch., Ctr. Ch., Dipole Surrounds & Powered Sub.	Yes	(2)12, (6)6 1/2, (2)5 1/4	(6)3	Cones	(5)1	Domes	65-20 ±3	75		6/	Six Pieces	Blk. Ash Vinyl	Blk. Knit	190 Sys.	3499.95 Sys.
OPTIMUS	AMX-3	Powered	No		2 1/4				500-12				4 x 2 x 3	Blk.	Blk.		19.99 Pair
	AMX-5	Powered	No		4				160-10				6 x 6 x 3	Blk.	Blk.		29.99 Pair
	AMX-10	Powered	Yes		3 1/2				150-20				7 x 5 x 4	Blk.	Blk.		39.99 Pair
AMX-18	Powered	Yes		3				160-12				5 x 4 x 4	Wht.	Wht.		29.99 Pair	
AMX-21	Multimedia; Powered	Yes	4			2	Cone	150-20				9 x 5 x 6	Wht.	Wht.	3	69.99 Pair	
AMX-25	900-MHz Wireless; Powered Bass Ref.	No	4			2		50-15					Blk.	Blk.		249.99 Pair w/Transmitter	
(Continued)	PRO-CS3	Ctr. Ch.	Yes	(2)4			1	Dome	65-20	87	2.2k	6/	5 x 14 x 9	Blk.	Blk. Cloth	8	99.99 Each

"When Velodyne announces a new subwoofer, the earth trembles—literally."  
Stereophile Guide to Home Theater, Fall 1997

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS					Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches										Tweeter Type
OPTIMUS (Continued)	PRO-CS5	Ctr. Ch.; Bass Ref.	Yes	(2)5			3x3½	Lineaum Monopole	70-25	87		6/	6 x 18 x 10	Blk.	Blk. Cloth		149.99 Each
	PRO-LS1	Sat.	Yes	3			½	Dome	200-20	87		8/	6 x 4 x 4	Opt.	Opt., Knit	1	49.99 Each
	PRO-LS2	Ctr. Ch.	Yes	(2)4			½	Dome	150-20	87		8/	12 x 5 x 5	Blk.	Blk. Knit	5	79.99 Each
	PRO-LS3	Indoor/Outdoor	Yes	5			½	Dome	85-20	87		8/	11 x 7 x 6	Wht.	Wht. Mesh	5	199.99 Pair
	PRO-LX5II		Yes	5			2x4	Lineaum Dipole	85-25	88		8/6	11 x 6 x 7	Blk.	Blk. Knit		149.99 Each
	PRO-LX10	Ported	No	7				Lineaum Dipole	50-25	87		8/	34 x 9 x 12	Blk.			249.99 Each
	PRO-SW-14	Ported Sub.	No	12					29-200 Hz	88		8/	15 x 17 x 16	Blk.			149.99 Each
	PRO-SW30	Multimedia; Powered Sub.	Yes	4					60-300 Hz	86		8/	11 x 6 x 9	Wht.	Wht. Knit		79.99 Each
	PRO-SW100P	Powered Sub.	No	10						83	50-200 (Var.)	4/	14 x 14 x 15	Blk.	Blk. Knit	30	299.99 Each
	PRO-SW200P	Powered Sub.	No	12						78	50-200 (Var.)	4/	16 x 16 x 16	Blk.	Blk. Knit	45	399.99 Each
	PRO-SWS300	Multimedia; Powered Sats. & Sub.	Yes	4			3		60-20	86			Three Pieces	Wht.			129.99 Sys.
	PRO-X33AV		Yes	3			1	Dome	140-20	87		8/6	7 x 4 x 4	Blk.	Blk. Mesh		39.99 Each
	PRO-X44AV		Yes	4			1	Dome	90-20	88		8/6	7 x 4 x 5	Opt.	Opt., Mesh		59.99 Each
	PRO-X55AV		Yes	5			1	Dome	80-20	87		8/6	9 x 6 x 5	Opt.	Opt., Mesh		79.99 Each
	PRO-X88AV		Yes	5			2x4	Lineaum Monopole	80-25	88		8/6	9 x 6 x 5	Opt.	Opt., Mesh		99.99 Each
	STS-50	Ac. Sus.	No	5			2½	Cone	90-20	88	2.5k	8/	11 x 7 x 5	Wal. Vinyl	Brown Cloth		39.99 Each
	STS-65		No	6½			1	Dome	60-20	89		8/	13 x 8 x 10	Blk. Wood Vinyl			69.99 Each
	STS-100		No	8	4	Cone	¾	Dome	75-20	90		8/	17 x 12 x 11	Blk. Vinyl	Cloth		79.99 Each
	STS-800		No	8	5		¾	Dome	45-20	88		8/	34 x 9 x 11	Blk.			199.99 Each
	STS-1000	Tuned Port	No	12	5		¾	Dome	40-20	90		8/	30 x 14 x 11	Blk.	Blk.		129.99 Each
STS-1500	Bass Ref.	No	15	6½		4x10	Piezo	22-20	90		8/	36 x 18 x 12	Blk.			249.99 Each	
XTS-10	Bass Ref.	No	3½			2¼	Horn	170-20			8/	9 x 4 x 6	Blk.	Blk.		79.99 Pair	
XTS-24		No		4			Dome	100-18	86		8/	9 x 6 x 5	Blk.	Blk.		29.99 Each	
XTS-40	Ac. Sus.	Yes	6	4			Dome	150-18	89		8/	5 x 5 x 4	Blk. Vinyl	Metal		19.99 Each	
40-1352	Outdoor; Omni	No	6			2		100-18	88		8/	7 x 10	Wht.			49.99 Each	
40-1365	In-Wall	No	5¼			1	Dome	60-20		3k	8/		Wht.	Wht.		49.99 Each	
40-1367	In-Wall/Ceiling	No	5¼			1	Cone	60-18			8/		Wht.	Wht.		39.99 Each	
40-1368	In-Wall	No	6½			1	Dome	50-20	90		8/		Wht.	Wht.		69.99 Each	
40-1425	In-Wall	No	6½			2x2½	Lineaum Monopole	65-25	89	2.5k	8/	12 x 9 x 4	Wht.	Wht.		99.99 Each	
OSBORN	Grand Monument	Bass Ref.		7			1¼	Inv. Dome			/4		Bubinga	Blk.			18,000 Pair
	Monument	Bass Ref.		(2)12	7	Cone	1¼	Inv. Dome	20-18 ±3	92	125,3.5k	/4	63 x 17 x 18	Bubinga	Blk.	255	14,900 Pair
	F2	Bass Ref.		5			1¼	Inv. Dome	45-18 ±3	89	3.7k	/4	19 x 10 x 14	Opt.	Blk.	26	1395.00 Pair
	Rhapsody Titan	Bass Ref.	Yes	7			1¼	Inv. Dome	35-18 ±3	93	4k	8/3.5	42 x 11 x 16	Bubinga	Blk.	99	3800.00 Pair
	Floorstander Titan	Bass Ref.	Yes	7			1¼	Inv. Dome	35-19 ±2	89	3.7k	8/4	34 x 10 x 11	Bubinga	Blk.	68	3550.00 Pair
	Eclipse	Bass Ref.		7			1¾	Inv. Dome	40-19 ±2	89	3.7k	5/4	18 x 11 x 10	Opt.	Blk.	56	3000.00 Pair
	Eclipse	Bass Ref.		8	7	Cone	1¾	Inv. Dome	25-18 ±3	91	400,3.5k	7/6	43 x 12 x 16	Opt.	Blk.	93	4500.00 Pair
	Epitome	Bass Ref.		10	7	Cone	1¾	Inv. Dome	25-18 ±3	93	125,3.3k	7/6	46 x 15 x 17	Opt.	Blk.	136	6000.00 Pair
Epitome Bass Boxes	Bass Ref. Sub.		10				Dome		96	60	8/8	30 x 15 x 17	Opt.	Blk.	83	2500.00 Pair	
OWI	302	Indoor/Outdoor	No	4¼			1		90-20	87	3.5k	8/	7 x 5 x 4	Alum.	Opt.	5	199.00 Pair
	602	Indoor/Outdoor	No	5¼			1		70-20	88	3.5k	8/	7 x 10 x 6	Alum.	Opt.	7	439.00 Pair
	OW1800	Outdoor		5¼			1	Dome	100-22 ±3	106	3.5k	8/	9 x 6 x 7	Alum.	Opt.	21	399.00 Pair
	SPV-02	Outdoor		4			2	Dome	90-20	92	6k	8/	24 x 18 x 12	Concrete, Fiberglass	Opt.	50	440.00 Each
	SMA-02	Outdoor		4			2	Dome	90-20	92	6k	8/	24 x 18 x 12	Concrete, Fiberglass		50	444.00 Each
	LPV-03	Outdoor		5¼	2	Dome	½	Dome	60-22	93	6k,9k	8/	25 x 22 x 15	Concrete, Fiberglass		70	560.00 Each
	LMA-03	Outdoor		5¼	2	Dome	½	Dome	60-22	93	6k,9k	8/	25 x 22 x 15	Concrete, Fiberglass		70	560.00 Each
	202	Surface		4			2		90-20	92	6k	8/3	7 x 5 x 4	Alum.	Opt.	5	169.00 Pair
	203	Surface		4	½		2		90-22	92	6k,9k	8/3	7 x 5 x 4	Alum.	Opt.	6	189.00 Pair
	502	Surface		5¼			2		60-19	93	6k	8/3	7 x 10 x 6	Alum.	Opt.	7	319.00 Pair
	503	Surface		5¼	1		2		60-22	93	6k	8/3	7 x 10 x 6	Alum.	Opt.	7	349.00 Pair
	900	Surface Sub.		5¼			2		40-450 Hz	93	430	8/4	7 x 10 x 6	Alum.	Opt.	7	229.00 Each
	M-4F	In-Wall		5¼	4				70-18	90		4/1	4 x 4	Plast.	Wht.	1	65.00 Each
	M-5cx	In-Wall; Coaxial		5¼			½	Cone	50-20	94		4/1	6 x 6	Plast.	Wht.	2	89.00 Each
	IW-50	In-Wall		5¼			1	Dome	60-20 ±3	87	2.8k	8/	9 x 7 x 3	Plast.	Wht.		149.00 Each
IW-60	In-Wall		6½			1	Dome	55-20 ±3	89	2.8k	8/	12 x 9 x 3	Plast.	Wht.		199.00 Pair	
IWS-80	In-Wall Sub.		8					35-180 Hz ±2	88	180	8/	15 x 11 x 4	Plast.	Wht.		169.00 Each	
2300	In-Wall		5			2	Ribbon	50-20	85		4/1	9 x 9	Plast.	Wht.	3	229.00 Each	
2301	In-Wall/In-Ceiling				5½			65-20	90		6/2	9 x 9	Plast.	Wht.	3	160.00 Each	
3301	In-Wall/In-Ceiling				5½			50-20	90		4/1	9 Dia.	Plast.	Wht.	3	217.00 Each	
3302	In-Wall/In-Ceiling				5½			65-20	91		4/1	9 Dia.	Plast.	Wht.	3	191.00 Each	
PARADIGM (Continued)	Micro	Vented	Opt.	4½			¾	Dome	60-20 ±2.5	88	3k	8/	9 x 6 x 8	Opt., Lam.	Opt., Knit	6	75.00 Each
	Atom	Vented	Opt.	5½			¾	Dome	55-20 ±2	89	3k	8/	11 x 7 x 9	Opt., Lam.	Opt., Knit	9	90.00 Each
	Titan	Vented	Opt.	6½			¾	Dome	50-20 ±2	89	2k	8/	13 x 8 x 11	Opt., Lam.	Opt., Knit	13	110.00 Each
	Phantom	Vented	Opt.	(2)6½			¾	Dome	40-20 ±2	90	2k	8/	33 x 8 x 13	Opt., Lam.	Blk. Knit	35	200.00 Each

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS								Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type	Drivers										
									Woofer	Tweeter									
PARADIGM (Continued)	CC-70	Ctr. Ch.	Yes	(2)4½			¾	Dome	65-20 ±2	89	3k	8/	5 x 15 x 7	Blk.	Blk. Knit	13	139.00 Each		
	CC-170	Ctr. Ch.	Yes	(2)5½			¾	Dome	46-20 ±2	91	2.5k	8/	7 x 22 x 8	Graphite Blk.	Blk. Knit	17	199.00 Each		
	ADP-70	Surround Ch.		(2)4½			(2)¾	Domes	70-20	89	3k	8/	9 x 8 x 6	Opt., Lam.	Opt., Knit	6	125.00 Each		
	ADP-170	Surround Ch.		(2)5½			(2)¾	Domes	60-20	89	2k	8/	11 x 10 x 7	Opt., Lam.	Opt., Knit	9	175.00 Each		
	Mini Monitor	Vented	Opt.	6½			1	Dome	43-20 ±2	89	1.8k	8/	13 x 8 x 11	Opt., Lam.	Blk. Knit	16	170.00 Each		
	Monitor 3	Vented		8			1	Dome	36-20 ±2	89	1.8k	8/	20 x 10 x 12	Opt., Lam.	Blk. Knit	24	200.00 Each		
	Monitor 5	Vented		6½			1	Dome	32-20 ±2	90	1.8k	8/	34 x 8 x 12	Opt., Lam.	Blk. Knit	33	250.00 Each		
	Monitor 7	Vented	Opt.	(2)6½			1	Dome	34-20 ±2	92	1.8k	8/	35 x 8 x 15	Opt., Lam.	Blk. Knit	43	315.00 Each		
	Monitor 9	Vented		(2)8			1	Dome	32-20 ±2	93	2k	8/	37 x 10 x 15	Opt., Lam.	Blk. Knit	48	375.00 Each		
	Monitor 70P	Vented; Powered Woofers	Yes	(2)6½	6½	Cone	1	Dome	23-20 ±2	91	200.2k	8/	39 x 8 x 14	Opt., Lam.	Blk. Knit	55	600.00 Each		
	Monitor 90P	Vented; Powered Woofers	Yes	(2)8	6½	Cone	1	Dome	16-20 ±2	92	180.2k	8/	44 x 9 x 14	Opt., Lam.	Blk. Knit	70	750.00 Each		
	LCR-350	Main or Ctr. Ch.	Yes	(2)6½			1	Dome	45-20 ±2	90	1.8k	8/	21 x 8 x 11	Blk. Ash	Blk. Knit	25	299.00 Each		
	CC-350	Ctr. Ch.	Yes	(2)6½			1	Dome	50-20 ±2	90	1.8k	8/	8 x 23 x 10	Blk.	Blk. Knit	25	329.00 Each		
	ADP-350	Surround Ch.		(2)6½			(2)1	Domes	55-20	90	1.8k	8/	13 x 11 x 8	Graphite	Opt., Knit	26	350.00 Each		
	SB-90	Bandpass Sub.		8					39-100 Hz	94	100	8/	16 x 13 x 17	Blk. Oak	None	31	189.00 Each		
	PDR-8	Powered, Vented Sub.		8					29-150 Hz		50-150 (Var.)		13 x 12 x 15	Opt., Lam.	Blk. Knit	25	279.00 Each		
	PDR-10	Powered, Vented Sub.		10					27-150 Hz		50-150 (Var.)		14 x 14 x 16	Opt., Lam.	Blk. Knit	33	349.00 Each		
	PDR-12	Powered, Vented Sub.		12					25-150 Hz		50-150 (Var.)		16 x 15 x 19	Opt., Lam.	Blk. Knit	41	419.00 Each		
	PS-1000	Powered, Bandpass Sub.		10					25-150 Hz		50-150 (Var.)		16 x 17 x 19	Blk. Ash	None	58	499.00 Each		
	PS-1200	Powered, Bandpass Sub.		12					23-150 Hz		50-150 (Var.)		19 x 17 x 21	Blk. Ash	None	68	599.00 Each		
	PW-2200	Powered, Vented Sub.		12					18-150 Hz		50-150 (Var.)		20 x 17 x 22	Opt., Lam.	Blk. Knit	69	799.00 Each		
PW-2500	Powered, Vented Sub.		15					16-150 Hz		50-150 (Var.)		21 x 19 x 24	Opt., Lam.	Blk. Knit	80	949.00 Each			
AMS-100R	In-Wall/In-Ceiling; Inf. Baf.		6½			1	Dome	55-20 ±2	89	2.5k	8/	8 Dia.	Wht.	Wht. Metal	6	150.00 Each			
AMS-200	In-Wall; Inf. Baf.		6½			1	Dome	55-20 ±2	90	2k	8/	12 x 8 x 4	Wht.	Wht. Metal	6	150.00 Each			
AMS-250	In-Wall; Inf. Baf.		6½			1	Dome	50-22 ±2	90	1.7k	8/	12 x 8 x 4	Wht.	Wht. Metal	7	200.00 Each			
AMS-300	In-Wall; Inf. Baf.		8			1	Dome	40-22 ±2	90	1.5k	8/	13 x 9 x 4	Wht.	Wht. Metal	7	240.00 Each			
PARADIGM REFERENCE	Studio/20	Vented	Opt.	6½			1	Dome	40-22 ±2	89	1.5k	8/	14 x 8 x 11	Opt.	Blk. Knit	20	325.00 Each		
	Studio/60	Vented	Opt.	6½	6½		1	Dome	30-22 ±2	90	400, 1.5k	8/	37 x 8 x 15	Opt.	Blk. Knit	58	550.00 Each		
	Studio/80	Vented		8	8	Cone	1	Dome	27-22 ±2	92	400, 1.8k	8/	41 x 10 x 16	Opt.	Blk. Knit	72	700.00 Each		
	Studio/100	Vented		(2)8	6½	Cone	1	Dome	25-22 ±2	91	250.2k	8/	45 x 11 x 17	Opt.	Blk. Knit	87	900.00 Each		
	Esprit/BP	Bipolar		(2)6½			(2)1	Domes	23-22 ±2	91	1.5k	8/	45 x 9 x 13	Opt., Wood	Blk. Knit	64	700.00 Each		
	Eclipse/BP	Bipolar		(2)8			(2)1	Domes	18-22 ±2	91	1.5k	8/	50 x 10 x 17	Opt., Wood	Blk. Knit	85	950.00 Each		
	CCR-450	Main or Ctr. Ch.	Yes	(2)6½			1	Dome	45-22 ±2	90	1.5k	8/	21 x 8 x 12	Opt., Lam.	Blk. Knit	28	450.00 Each		
	CC-450	Ctr. Ch.	Yes	(2)6½			1	Dome	45-22 ±2	90	1.5k	8/	8 x 21 x 12	Blk.	Blk. Knit	28	500.00 Each		
	ADP-450	Dipole Surround		(2)6½			(2)1	Domes	50-20 ±2	90	1.5k	8/	14 x 12 x 9	Graphite	Opt., Knit	28	450.00 Each		
	AMS-450	In-Wall; Inf. Baf.		8			1	Dome	35-22 ±2		1.7k		13 x 8 x 4	Wht.	Wht. Metal	7	300.00 Each		
	Active/20	Powered	Yes	6½			1	Dome	35-22 ±1		1.5k		14 x 9 x 11	Opt., Lam.	Blk. Knit	35	800.00 Each		
Active/450-LR	Main Ch.; Powered	Yes	(2)6½			1	Dome	38-22 ±1		1.5k		21 x 8 x 12	Opt., Lam.	Blk. Knit	44	925.00 Each			
Active/450-C	Ctr. Ch.; Powered	Yes	(2)6½			1	Dome	38-22 ±1		1.5k		8 x 21 x 12	Opt., Lam.	Blk. Knit	44	925.00 Each			
Active/450-ADP	Dipole Surround;	Yes	(2)6½			(2)1	Domes	44-20		1.5k		14 x 13 x 9	Blk.	Blk. Knit	43	925.00 Each			
Servo-15	Powered Servo Sub.		15					14-150 Hz		40-160 (Var.)		20 x 18 x 23	Graphite Opt.	Blk. Knit	90	1500.00 Each w/Active Xover			
PARADOX	Purpleheart	Pressure Release Vent		(2)8			1	Inv. Dome	35-20 ±3	92		3/2	11 x 16 x 38	Opt., Oiled Wood	Blk. Knit	150	4500.00 Pair		
	Purpleheart M	Pressure Release Vent		(2)5			1	Inv. Dome	100-20 ±2	92		3/2	8 x 16 x 16	Opt., Oiled Wood	Blk. Knit	50	2200.00 Pair		
PARAGON ACOUSTICS	Pearl	Vented	No	7			1	Dome	40-20 ±3	89	2k	8/6	10 x 14 x 17	Opt.	Blk. Knit	40	995.00 Pair		
	Ruby	Vented	No	(2)8	4		1	Dome	35-20 ±3	89	200, 2.9k	8/6	9 x 11 x 42	Opt.	Blk. Knit	75	2595.00 Pair		
	Emerald	Vented	No	7			1	Dome	28-20 ±3	91	2k	8/4	10 x 14 x 42	Opt.	Blk. Knit	100	1795.00 Pair		
	Emerald Center	Ctr. Ch.; Vented	Yes	(2)6			¾	Dome	50-20 ±3	91	2.9k	6/4	9 x 11 x 22	Opt.	Blk. Knit	40	750.00 Each		
	Radiant	Vented	No	(2)5			¾	Dome	40-20 ±3	91	2.6k	4/3.6	7 x 11 x 39	Opt.	Blk. Knit	43	2850.00 Pair		
	Regent	Vented	No	(2)6½			¾	Dome	32-20 ±3	91	2.3k	4/3.2	10 x 15 x 47	Opt.	Blk. Knit	150	3850.00 Pair		
	Excelsior	Vented	No	10	4		¾	Dome	24-20 ±3	89	200, 3k	8/6	14 x 18 x 48	Opt.	Blk. Knit	175	7495.00 Pair		
	Regent Center	Ctr. Ch.; Vented	Yes	(2)6½	4	Cone	¾	Dome	50-20 ±3	90	250, 3k	8/4	9 x 11 x 24	Opt.	Blk. Knit	50	1200.00 Each		
	Hope	Vented	No	12, 10	4	Cone	1	Dome	20-20 ±3	90	80, 300, 4k		14 x 18 x 60	Opt.	Blk. Knit	450	25,000 Pair		
	PARASOUND	Nomad Three	Indoor/Outdoor		4			1	Dome	65-20	85	2.4k	8/6	5 x 7 x 5	Opt.	Opt., Metal	5	120.00 Pair	
Nomad Four		Indoor/Outdoor		4			1	Dome	65-20 ±3	86	2.6k	8/6	5 x 7 x 5	Opt.	Opt., Metal	5	165.00 Pair		
Nomad Five		Indoor/Outdoor		5¼			2	Cone	55-20 ±3	88	3k	8/6	7 x 9 x 7	Opt.	Opt., Metal	10	280.00 Pair		
Nomad Six		Indoor/Outdoor		5¼			1	Dome	48-20 ±3	88	2.4k	8/6	7 x 9 x 7	Opt.	Opt., Metal	11	360.00 Pair		
Nomad Seven		Indoor/Outdoor		4½			1	Dome	58-20 ±3	87	2.2k	8/6		Wht.	Wht.		229.00 Pair		
Nomad Eight		Indoor/Outdoor		5¼			1	Dome	50-20 ±3	88	2.6k	8/6		Polypro	Wht.		349.00 Pair		
Nomad Nine		Indoor/Outdoor		5¼			1	Dome	44-20 ±2.5	88	2.2k	8/6		Polypro	Wht.		425.00 Pair		
Nomad Ten		Indoor/Outdoor		6½			1	Dome	35-20 ±4	90	2.4k	8/6	9 x 13 x 8	Polypro	Wht.				
CS/T65R		In-Ceiling		6½			1	Dome	58-20 ±3	90	2.4k	8/6	7 Dia.	Wht.	Wht. Metal	8	499.00 Pair		
CS/S60R		In-Ceiling		8	6½		1	Dome	60-18 ±3	89			7 Dia.	Wht.	Wht.	4	249.00 Pair		
CS/T80R/S		In-Ceiling		8			1	Dome	55-22 ±3	89	2.6k	8/6	11 Dia.	Wht.	Wht.	4	139.00 Pair		
SW/W-8	In-Wall; Sub.		8					33-180 Hz	87	120	8/6	10 x 14	Wht.	Wht.		429.00 Pair			
(Continued)	CS/W1002	In-Wall; Sub.		10					±3	89	140		12 x 12	Wht.	Wht.	5	279.00 Each		
	CS/T380A	In-Wall		8	1½	Dome	1	Dome	26-180 Hz	89	2.4k	8/6	10 x 14	Wht.	Wht.		750.00 Pair		



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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance Ohms: Nominal/Minimum	Dimensions, Inches (to Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
PARASOUND (Continued)	CS/T280A	In-Wall		8			1	Dome	36-22 ±3	89	2.4k	8/6	10 x 14	Wht.	Wht. Metal	7	485.00 Pair
	CS/T265A	In-Wall		6½			1	Dome	42-22 ±3	88	2.4k	8/6	9 x 12	Wht.	Wht. Metal	6	365.00 Pair
	CS/S260A	In-Wall		6½			1	Dome	46-20 ±3	88	2.6k	8/6	12 x 9	Wht.	Wht. Metal	5	249.00 Pair
	CS/T255A	In-Wall		5¼			1	Dome	52-22 ±3	87	2.6k	8/6	8 x 11	Wht.	Wht. Metal	5	265.00 Pair
	CS/S250A	In-Wall		5¼			1	Dome	70-18 ±4	86	2.2k	8/6	8 x 11	Wht.	Wht. Metal	5	135.00 Pair
PEGASUS AUDIO	Alpha III	Vented		6½			1	Flat	46-20 ±3	88	5.5k	8/7.8	20 x 13 x 9	Opt., Lam.	Opt., Knit	28	600.00 Pair; Kit, 300.00
	Beta	Oual Vented Sat.	No	6½			¾	Dome	74-20 ±3	88	4.5k	4/3	12 x 8 x 9	Opt.	Blk. Knit	17	1500.00 Pair; Kit, 500.00
	Lambda IA	Vented		6½			¾	Oome	45-20 ±3	88	3.1k	6/3.8	17 x 9 x 11	Opt., Lam.	Opt., Knit	20	850.00 Pair; Kit, 400.00
	Gemini	Vented		(2)6½			1	Flat	40-20 ±3	87.2	5.5k	4/3.9	39 x 10 x 10	Opt., Lam.	Opt., Knit	43	1500.00 Pair; Kit, 500.00
	Athena	Vented Sub.		8					35-200 Hz ±3	87	8/5	8/5	39 x 10 x 10	Matte Blk. Lam.	None	43	500.00 Each; Kit, 200.00
	Apollo	Vented Sub.		(2)10					29-200 Hz ±3	90	4/3.1	4/3.1	36 x 14 x 14	Matte Blk. Lam.	None	64	675.00 Each; Kit, 300.00
	Quartet	2 Sealed Sats. & 2 Vented Subs.		6½	4½	Cone	¾	Dome	46-20 ±3	92	150.5k	8/7	Four Pieces	Opt.	Opt., Knit	70	1299.00 Sys.; Kit, 899.00
	Stereo Sub-Woofers RockMaster 3	Vented Stereo Sub.		(4)8					32-200 Hz ±3	89	4/2.8	4/2.8	22 x 32 x 13	Matte Blk. Lam.	None	70	1299.00 Each; Kit, 899.00
				15			4x11	Horn	46-20 ±3	97	3.5k	6/3.3	32 x 20 x 13	Blk. Blk.	Blk. Metal	79	2400.00 Pair; Kit, 1200.00
P.E.L. CONCEPT	Prima		No	7			¾	Dome	60-20 ±3	89	8/	8/	14 x 9 x 10	Opt.	Blk.		
	Envy		No	7			¾	Dome	50-20 ±3	89	8/	8/	35 x 9 x 10	Opt.	Blk.		
	Classic		No	(2)7			1	Dome	38-21 ±3	89	6/	6/	43 x 9 x 11	Opt.	Blk.		
	Enzo		No	(2)7			1	Dome	35-22 ±3	90	6/	6/	43 x 9 x 11	Opt.	Blk.		
	Marp		No	(2)8	5	Cone	1	Dome	30-22 ±3	89	6/	6/	46 x 12 x 13	Opt.	Blk.		
PENTAGON	Alpha		Yes	(2)5			1	Dome	45-20	91		8/6	12 x 12 x 42	Blk. Lacq.	Blk. Knit	70	5000.00 Pair
	Beta		Yes	10	(2)5	Cones	1	Dome	25-20	90		8/4	18 x 18 x 55	Blk. Lacq.	Blk. Knit	125	9000.00 Pair
PHASE TECHNOLOGY	PC 3	Tuned Port	Yes	(2)6½	1½	Dome	1	Dome	38-22	93	750.3k	6/	22 x 8 x 12	Opt., Wood	Blk. Knit	40	500.00 Each
	PC 2	Tuned Port	Yes	6½			1	Dome	40-22	91	2.5k	6/	17 x 8 x 12	Opt., Wood	Blk. Knit	28	375.00 Each
	PC 1	Tuned Port	Yes	6½			1	Dome	48-22	89	2.5k	6/	13 x 8 x 12	Opt., Wood	Blk. Knit	22	550.00 Pair
	PC Center II	Ctr. Ch.	Yes	(2)5¼			1	Dome	75-22	90	2.5k	8/	6 x 20 x 11	Blk. Lam.	Blk. Knit	24	300.00 Each
	PC Surround	Bipole/ Dipole Surround	No	6½	(2)4	Cones	(2)1	Oomes	55-20	89	350.3k	6/	15 x 15 x 6	Opt.	Opt.	22	700.00 Pair
	Teatro Tower 10	Tuned Port; Powered Bass	Yes	10	5¼		1		30-20	91	200.3.5k	6/	40 x 8 x 14	Textured Blk. Gloss	Blk. Knit	61	1000.00 Pair
	7T	Tuned Port	Opt.	8			1	Dome	40-20	90	2.5k	8/	37 x 10 x 12	Blk. Gloss	Blk. Knit	51	From 600.00 Pair
	Teatro 5.5	Tuned Port	Opt.	6½			1	Dome	42-20	90	2.5k	8/	33 x 8 x 11	Blk. Lam.	Blk. Knit	32	From 400.00 Pair
	Teatro 3.5	Tuned Port	Opt.	6½			1	Oome	50-20	90	3k	8/	16 x 8 x 9	Blk. Lam.	Blk. Knit	13	From 300.00 Pair
	Teatro 2.5	Tuned Port	Opt.	5¼			1	Dome	55-20	89	3.5k	8/	11 x 7 x 8	Blk. Lam.	Blk. Knit	9	From 200.00 Pair
	Teatro Center DS T	Ctr. Ch.; Ac. Sus. Bipolar Surround	Yes	5¼			1	Dome	60-20	90	3k	8/	6 x 20 x 8	Blk. Lam.	Blk. Knit	9	200.00 Each
			No	5¼			(2)¾	Domes	80-20	90	3.3k	8/	11 x 9 x 4	Opt., Textured	Blk. Knit	7	250.00 Pair
	Octave 1.0	Powered Sub.	No	15					18-100 Hz		60/80/100		21 x 18 x 20	Opt., Wood	Blk. Knit	75	From 950.00 Each
	Octave Power 12	Powered Sub.	No	12					28-180 Hz		60-120		19 x 17 x 18	Blk. Lam.	Blk. Knit	52	600.00 Each
	Octave Power 10	Powered Sub.	No	10					35-180 Hz		60-120		16 x 15 x 15	Blk. Lam.	Blk. Knit	35	400.00 Each
	CI-100	In-Wall	No	6½	6½	Solid Piston	1	Dome	32-22	91	200.2.5k	8/	22 x 10 x 4	Matte Wht.	Wht. Steel	20	850.00 Pair
	CI-60 V	In-Wall	No	6½			1	Dome	40-20	90	2.1k	8/	8 x 12 x 4	Matte Wht.	Wht. Steel	7	500.00 Pair
CI-40 V	In-Wall	No	6½			1	Oome	45-20	90	2k	8/	8 x 12 x 4	Wht. Wht.	Wht. Steel	6	400.00 Pair	
CI-20 V	In-Wall	No	6½			¾	Dome	50-20	90	2.8k	8/	8 x 12 x 4	Matte Wht.	Wht. Steel	4	300.00 Pair	
CI-10 V	In-Wall	No	5¼			¾	Oome	55-20	90	3.5k	8/	8 x 12 x 4	Matte Wht.	Wht. Steel	4	220.00 Pair	
CI-2FL-C	In-Ceiling; Coaxial	No	5¼			¾	Dome	70-20	91		8/	8 Dia. x 3	Matte Wht.	Wht. ABS	3	90.00 Each	
CI-4REC-C	In-Ceiling; Coaxial	No	5¼			¾	Dome	70-20	91		8/	8 Dia. x 3	Matte Wht.	Wht. ABS	3	100.00 Each	
CI-5 DV	In-Ceiling; Dual Voice Coils	No	5¼			¾	Whizzer	68-18	88		8/	8 Dia. x 3	Matte Wht.	Wht. ABS	3	95.00 Each	
CI-6FL-C	In-Ceiling; Coaxial	No	6½			¾	Dome	42-20	90		8/	9 Dia. x 4	Matte Wht.	Wht.	6	150.00 Pair	
PHYZICS	Illusion FS	Ported	No	6½	6½	Cone	1	Dome	46-21 ±3	87	120.2k	4/3.2	14 Dia. x 35	Opt.	Opt.	48	2300.00 Pair
	Illusion M	Ported	No	4½	4½	Cone	1	Dome	55-21 ±3	86	120.2k	4/3.5	8 Dia. x 41	Opt.	Opt.	32	1300.00 Pair
	Ritz RSB1	Powered, Ported Sub.	No	(2)8					28-100 Hz		2k	8/4	10 Dia. x 41	Opt.	Opt.		900.00 Each
	Ritz RC1	Ported	Yes	6½			(2)1	Domes	63-21 ±3	87	2.8k	8/4	8 Dia. x 21	Opt.	Opt.		500.00 Each
	Ritz RM1	Ported		6½			1	Dome	50-21 ±3	87	2.8k	8/4	10 Dia. x 41	Opt.	Opt.		450.00 Each
	Ritz R2	Ac. Sus.		6½			1	Dome	60-21 ±3	86		8/4	10 Dia. x 12	Opt.	Opt.		275.00 Each
Ritz RR1	Ported		4½			¾	Oome	75-19 ±3	86		8/4	6 Dia. x 15	Opt.	Opt.		150.00 Each	
Ritz R2 IW	In-Wall		6½			1	Dome	50-21 ±3	87		8/4	14 x 9	Opt.	Opt.		275.00 Each	
PIEGA	LDS 1.0	Bass Ref.	No	7			1	Dome	50-22 ±3	91		4/	28 x 10 x 9	Opt., Metal	Blk. Knit	27	1200.00 Pair
	LDS 1.6	Bass Ref.	No	7			1	Dome	45-22 ±3	91		4/	33 x 10 x 9	Opt.	Blk. Knit	35	1400.00 Pair
	S-3	Sats. & Sub.	Yes	8	(2)3	Cones	(2)1	Domes	40-22 ±3	88		4/	Three Pieces	Alum.	Blk. Metal	43	1200.00 Sys.
	P4L	Bass Ref.	Yes	5			1x3	Ribbon	38-50 ±2	89		4/	40 x 6 x 8	Alum.	Blk. Metal	35	2600.00 Pair
	P4XL	Bass Ref.	Yes	(2)5			1x3	Ribbon	35-50 ±2	89		4/	47 x 7 x 9	Alum.	Blk. Metal	62	3300.00 Pair
	P4.2C	Ctr. Ch.	Yes	(2)5			1x3	Ribbon	50-50 ±2	89		4/	7 x 24 x 8	Alum.	Blk. Metal	27	1200.00 Each
	P5	Bass Ref.	No	(2)7			1x3	Ribbon	30-50 ±2	89		4/	62 x 9 x 9	Alum.	Blk. Metal	89	3900.00 Pair
	P2	Bass Ref.	No	7			1x3	Ribbon	40-50 ±2	89		4/	13 x 9 x 10	Alum.	Blk. Metal	22	1700.00 Pair
	P3	Bass Ref.	No	7			1x3	Ribbon	35-50 ±2	89		4/	35 x 10 x 10	Opt.	Blk. Knit	50	2400.00 Pair
	P8	Bass Ref.	No	(2)7			1x3	Ribbon	30-50 ±2	89		4/	40 x 10 x 12	Opt.	Blk. Knit	69	6000.00 Pair
	P10	Bass Ref.	No	(2)9	5x5	Cone Ribbon	1x3	Ribbon	22-50 ±2	89		4/	47 x 11 x 16	Opt.	Blk. Knit	140	11,500 Pair



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Lc6.75 - 6.5" 2-way



BBSM10F - dual 10"  
3-way with BB10-SWP  
dedicated 18" subwoofer



Tower SM-1 - dual 18", 5-way



Lc265.1 - dual 6.5" 3-way  
for center channel

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## **Westlake Audio**

CIRCLE NO. 27 ON READER SERVICE CARD

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
PINNACLE LOUD-SPEAKERS	Digital Sub 350	Powered Sub.	No	(2)12					22-150 Hz ±3	110 Max.	50-150		14 x 15 x 15	Blk. Vinyl	Blk. Cloth	60	1195.00 Each
	Digital Sub 250	Powered Ac. Sus. Sub.	No	12					25-150 Hz ±3	107 Max.	50-150		14 x 15 x 15	Blk. Vinyl	Blk. Cloth	47	850.00 Each
	Digital Sub 150	Powered Ac. Sus. Sub.	No	12					30-180 Hz ±3	104 Max.	75-180		14 x 15 x 15	Blk. Vinyl	Blk. Cloth	24	595.00 Each
	Baby Boomer	Powered Bipole Sub. Vented	No	(2)8					25-150 Hz ±3	102 Max.	50-150		10 x 10 x 10	Blk. Vinyl	Blk. Cloth	22	895.00 Each
	Classic Gold Aerogel Tower	Vented	Yes	(2)8	5 1/4	Cone	1	Dome	26-21	95	500.5k	8/	10 x 44 x 15	Blk. Vinyl	Blk. Cloth	72	1695.00 Pair
	Classic Gold Tower	Vented	Yes	(2)8			1	Dome	27-21 ±3	95	150.2k	8/	10 x 38 x 15	Blk. Vinyl	Blk. Cloth	58	1095.00 Pair
	Classic Gold Reference	Vented	Yes	(2)6 1/2			1	Dome	29-21 ±3	92	2.5k	8/	8 x 33 x 13	Blk. Vinyl	Blk. Cloth	48	895.00 Pair
	Classic Gold Monitor	Vented		8			1	Dome	35-21 ±3	93	2.2k	8/	11 x 19 x 11	Blk. Vinyl	Blk. Cloth	22	525.00 Pair
	Classic Gold Mini Monitor	Vented		5 1/4			1	Dome	45-21 ±3	92	2k	8/	7 x 13 x 8	Blk. Vinyl	Blk. Cloth	13	395.00 Pair
	Classic Gold Center Channel	Ctr. Ch.; Ac. Sus.	Yes	(4)5 1/4			1	Dome	80-21 ±3	91	4k	8/	31 x 7 x 9	Blk. Vinyl	Blk. Cloth	39	550.00 Each
	Widescreen Center	Ctr. Ch.; Ac. Sus.	Yes	(4)4			1	Dome	90-20 ±3	90	4k	8/	26 x 6 x 6	Blk. Vinyl	Blk. Cloth	19	325.00 Each
	AC-Center	Ctr. Ch.; Ac. Sus.	Yes	(2)4			1	Dome	100-20 ±3	90	4k	8/	17 x 6 x 6	Blk. Vinyl	Blk. Cloth	12	209.00 Each
	AC-650	Vented	Yes	6 1/2			3/4	Dome	40-21 ±3	91	2.5k	8/	10 x 17 x 9	Blk. Vinyl	Blk. Cloth	15	349.00 Pair
	AC-500	Vented	Yes	5 1/4			3/4	Dome	50-21 ±3	90	5k	8/	9 x 11 x 7	Blk. Vinyl	Blk. Cloth	10	250.00 Pair
	AC-3000	Vented	Yes	4			3/4	Dome	60-21 ±3	90	5.5k	8/	6 x 10 x 7	Wht. Gloss Blk. Vinyl	Wht. Cloth	10	359.00 Pair
	AC-400	Vented	Yes	4			3/4	Dome	60-21 ±3	88	5.5k	8/	6 x 9 x 7	Blk. Vinyl	Blk. Cloth	7	199.00 Pair
	AC-300	Outdoor, Ac. Sus.	Yes	4			3/4	Dome	100-16 ±3	87		8/	4 x 7 x 4	Wht.	Wht. Metal	4	175.00 Pair
	PM8000	In-Wall		8			1	Dome	40-20 ±3	93		8/	10 x 14	Wht.	Wht. Metal	9	495.00 Pair
PM6000	In-Wall		6 1/2			1	Dome	50-20 ±3	91		8/	9 x 12	Wht.	Wht. Metal	7	375.00 Pair	
INW500	In-Wall		5 1/4			1	Dome	60-20 ±3	88		8/	7 x 11	Wht.	Wht. Metal	5	225.00 Pair	
PIONEER	CS-H505V	Ported Main Ch., Ctr. Ch. Sat. & Surround Ch. Sats.	Yes	12	4 3/4	Cone	2 1/2	Cone	30-20	87	650.5k	8/	Five Pieces	Blk.	Blk. Knit	87 Sys.	510.00 Sys.
	CS-H305V	Ported Main Ch., Ctr. Ch. Sat. & Surround Ch. Sats.	Yes	10	4 3/4	Cone	2 1/2	Cone	30-20	87	700.5k	8/	Five Pieces	Blk.	Blk. Knit	56 Sys.	350.00 Sys.
	SV-201	5 Inf. Baf. Sats. & Sub.	No	8	4	Cone	1	Cone	40-20		150.5k	8/	Six Pieces	Blk.	Blk. Knit	30 Sys.	580.00 Sys.
	S-CR505	Ctr. & Surround Ch. Sats.	Yes			Cone		Cone	20-20	84	5k		Three Pieces	Blk.	Blk.	6 Sys.	375.00 Sys.
	S-CR500	Ctr. & Surround Ch.	Yes	(2)6			2 1/2	Cone	60-20			8/	Three Pieces	Blk.	Blk.	13 Sys.	170.00 Sys.
	SW200	Powered Sub.	No	(2)6							50-120 (Var.)		9 x 22 x 17	Blk.	Blk.	33 Sys.	800.00 Each
	CS-G404	Bass Ref.	No	16	4 3/4	Cone	2 1/2	Cone	30-20		2.5k.7k	6/	18 x 28 x 13	Oak	Blk.	34	190.00 Each
	CS-G304A	Bass Ref.	No	12	4 3/4	Cone	2 1/2	Cone	35-20		3.5k.7k	6/	15 x 26 x 13	Oak	Blk.	25	300.00 Pair
	CS-G204	Bass Ref.	No	10	3	Cone	2 1/2	Cone	40-20		3k.6k	6/	14 x 25 x 11	Oak	Blk.	23	220.00 Pair
	CS-G104A	Bass Ref.	No	10		Cone	2 1/2	Cone	48-20		5k	6/	13 x 22 x 9	Oak	Blk.	14	160.00 Pair
	CS-C280K	Ctr. Ch.	Yes	(2)6			2 1/2	Cone	60-20			8/	17 x 7 x 7	Blk.	Blk.	8	92.00 Each
	CS-X580K	Surround Ch.	No		(2)4				80-20			16/	7 x 11 x 6	Blk.	Blk.	5	80.00 Pair
	CS-X500 Q/K	Surround Ch.; Ac. Sus.	No		4				100-20			8/	6 x 8 x 5	Opt.	Blk. Knit	3	70.00 Pair
S-2D	Inf. Baf. Sats. & Sub.	No	8	4	Cone	1	Cone	40-20		150.5k	8/	Three Pieces	Blk.	Blk. Knit	24 Sys.	350.00 Sys.	
S-CR22	Inf. Baf. Ctr. & Surround Ch. Sats.	No		4	Cone	1	Cone	150-20		5k	16/	Three Pieces	Blk.	Blk. Knit	6 Sys.	230.00 Sys.	
S-CR3000K/Q	Ctr. & Surround Ch.	Yes		4	Cone			70-20			8,16/	Three Pieces	Opt.	Blk.	6 Sys.	115.00 Sys.	
PIONEER ELEC-TRONICS TECHNOLOGY	CSL-30	Indoor/Outdoor; Ac. Sus.	Yes	4 1/2			1	Dome	65-20 ±3	89	4k	8/4	7 x 11 x 6	Opt.	Opt., Alum.	5	250.00 Pair
	CSL-50	Indoor/Outdoor			4 1/2				75-20	88		8/	11 x 6 x 9	Wht. Lexan	Wht. Steel	5	269.00 Pair
	CSL-70	Indoor/Outdoor		4 1/2			3/4		75-22	88	7k	8/	11 x 6 x 9	Wht. Lexan	Wht. Steel	6	369.00 Pair
	CSL-90	Indoor/Outdoor; Ac. Sus.	Yes	4 1/2			1	Dome	55-20 ±3	89	4k	8/4	7 x 17 x 6	Opt.	Opt., Alum.	9	225.00 Each
	CSL-250	Outdoor			6 1/2				50-20	86		8/	13 x 16 x 10	Opt.		12	299.00 Each
	CSL-300	Outdoor			6 1/2				50-20	86		8/	13 x 18 x 10	Opt.		14	369.00 Each
CSL-100	Outdoor		6 1/2			3 1/2		70-20	82	1k	8/	14 x 14 x 9	Opt.		33	599.00 Each	
CSL-1000	Outdoor		6 1/2			(2)3 1/2		35-25	86	4k	8/	10 x 36 x 10	Opt.		61	1998.00 Each	
PLATINUM AUDIO LTD.	PT-801	Tuned Port	Yes	7			1	Dome	45-20 ±3	90	2.5k	8/	13 x 9 x 12	Opt.	Blk. Knit	22	399.00 Pair
	PT-806	Tuned Port	Yes	(2)7			1	Dome	42-20 ±3	92	2.5k	6/	23 x 9 x 12	Opt.	Blk. Knit	32	599.00 Pair
	PT-808	Tuned Port	Yes	(2)7			1	Dome	38-20 ±3	92	2.5k	6/	39 x 9 x 12	Opt.	Blk. Knit	48	799.00 Pair
	PT-806 CC	Ctr. Ch.	Yes	(2)7			1	Dome	42-20 ±3	92	2.5k	6/	23 x 9 x 12	Opt.	Blk. Knit	32	299.95 Pair
	Solo	Tuned Port	Opt.	5			1	Dome	40-20 ±2	84	2.5k	6/	14 x 8 x 13	Opt., Wood	Blk. Knit	26	1695.00 Pair
	Duo	Tuned Port	Opt.	(2)5			1	Dome	37-20 ±2	86	500.2.5k	4/	22 x 8 x 13	Opt., Wood	Blk. Knit	38	2195.00 Pair
	Trio	Tuned Port	Opt.	(2)5			1	Dome	34-20 ±2	86	500.2.5k	4/	40 x 10 x 13	Opt., Wood	Blk. Knit	65	2995.00 Pair
	Quattro	Tuned Port	Opt.	(4)5			1	Dome	31-20 ±2	86	500.2.5k	8/	40 x 10 x 13	Opt., Wood	Blk. Knit	70	3895.00 Pair
	Solo CC	Ctr. Ch.	Yes	5			1	Dome	40-20 ±2	84	2.5k	6/	14 x 8 x 13	Opt.	Blk. Knit	27	625.00 Each
	Reference 1	Tuned Port	Opt.	5			1	Dome	40-20 ±1	84	2.5k	6/	14 x 8 x 13	Opt.	Blk. Knit	43	3995.00 Pair
	Reference 2	Tuned Port	Opt.	(2)5			1	Dome	37-20 ±1	86	500.2.5k	4/	22 x 8 x 13	Polished Granite	Blk. Knit	68	6500.00 Pair
	Air Pulse 3.1	Horn-Loaded	No	(2)12		Compr. Horn	3	Ring	20-20 ±2	103	125,900, 6k	16/	76 x 36 x 48	Opt., Wood		750	150,000 Pair
	Duo CC	Ctr. Ch.	Yes	(2)5			1	Dome	37-20 ±2	86	500.2.5k	6/	22 x 8 x 13	Opt., Wood	Blk. Knit	40	1295.00 Each
	Studio 1	Tuned Port	Opt.	5			1	Dome	50-20 ±2	86	2.5k	8/	14 x 8 x 13	Blk. Metal	Blk. Metal	23	995.00 Pair
Studio 2	Tuned Port	Opt.	(2)5			1	Dome	37-20 ±2	89	200.2.5k	7/	22 x 8 x 13	Blk. Metal	Blk. Metal	34	1295.00 Pair	
Studio 3	Tuned Port	Opt.	(2)5			1	Dome	35-20 ±2	89	200.2.5k	7/	40 x 10 x 13	Amari Vinyl	Blk. Metal	70	1695.00 Pair	
Studio 1 CC	Ctr. Ch.	Yes	5			1	Dome	50-20 ±2	86	2.5k	8/	14 x 8 x 13	Opt., Vinyl	Blk. Knit	23	525.00 Each	
Studio 2 CC	Ctr. Ch.	Yes	(2)5			1	Dome	37-20 ±2	89	200.2.5k	7/	22 x 8 x 13	Vinyl	Blk. Metal	34	679.00 Each	



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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
			No	Yes	Yes	Yes	Yes	Yes									
PMC	BB5	Trans. Line	No	15	3	Dome	1 1/4	Dome	18-25	91	380,3.8k	4/	40 x 17 x 31	Blk. Ash	Blk. Knit	165	13,900 Pair
	MB1	Trans. Line	Yes	12	3	Dome	1	Dome	20-25	91	380,3.8k	4/	15 x 34 x 21	Blk. Knit	Blk. Knit	108	890.00 Pair
	IB1S	Trans. Line	Opt.	8	3	Dome	1	Dome	25-25	89	380,3.8k	4/	13 x 29 x 13	Wood Ven.	Blk. Knit	80	4500.00 Pair
	AB1	Trans. Line	Opt.	9 1/2	3	Dome	1	Dome	25-25	89	380,3.8k	6/	11 x 31 x 17	Blk. Textured	Blk. Knit	55	3420.00 Pair
PMC	LB1	Trans. Line		4 1/2			1	Dome	35-25	87	2.5k	4/	8 x 16 x 10	Wood Ven.	Blk. Knit	19	2160.00 Pair
	TB1	Trans. Line		7			1	Dome	40-25	90	3k	8/	7 x 21 x 11	Opt., Wood	Blk. Knit	19	1025.00 Pair
	XB1	Trans. Line		10				Dome	25-200 Hz	90	100	8/	17 x 31 x 11	Opt., Wood	Blk. Knit	19	1025.00 Pair
	XB1	Dual-Voice-Coil Sub.		10				Dome	25-200 Hz	90	100	8/	17 x 31 x 11	Textured	Blk. Knit	62	1250.00 Each
POLK AUDIO	RT3000P	Tower & Powered Sub.	Yes	(2)8	(2)6 1/2	Cones	1	Dome	18-26	92	80,1.2k,2k; 60-120	8/	Two Pieces Per Side	Opt., Wood	Blk. Knit	76	1800.00 Side
	RT2000P	Vented; Powered Bass	Yes	(2)8	6 1/2	Cone	1	Dome	20-26	90	80,1.8k	8/	10 x 16 x 46	Blk. Wood	Blk. Knit	85	2000.00 Pair
	RT1000P	Vented; Powered Bass	Yes	6 1/2	6 1/2	Cone	1	Dome	25-26	90	80,1.8k	8/	8 x 13 x 42	Blk. Wood	Blk. Knit	63	1120.00 Pair
	RT800	Vented	Yes	(2)6 1/2			1	Dome	28-26	90	1.9k	8/	8 x 11 x 40	Blk. Wood	Blk. Knit	48	900.00 Pair
	RT600	Vented	Yes	6 1/2			1	Dome	30-26	90	1.9k	8/	8 x 11 x 34	Blk. Wood	Blk. Knit	41	670.00 Pair
	RT400	Vented	Yes	7 1/2			1	Dome	40-25	89	3.5k	8/	9 x 10 x 37	Blk. Wood	Blk. Knit	35	450.00 Pair
	RT55		Yes	(2)6 1/2			1	Dome	35-26	90	2k	8/	21 x 10 x 14	Blk. Ash	Blk. Knit	35	300.00 Each
	RT35		Yes	6 1/2			1	Dome	39-25	89.5	2k	8/	15 x 8 x 12	Blk. Ash	Blk. Knit	20	195.00 Each
	RT25		Yes	5 1/4			1	Dome	50-25	89	2k	8/	11 x 7 x 10	Blk. Ash	Blk. Knit	14	140.00 Each
	RT15		Yes	5 1/4			3/4	Dome	55-24	89	3.5k	8/	11 x 7 x 8	Opt.	Opt. Knit	12	110.00 Each
	CS1000P	Ctr. Ch.; Powered Bass	Yes	(2)6 1/2	(2)6 1/2	Cones	1	Dome	30-26	92	150,800, 2k	8/	34 x 9 x 14	Opt.	Blk. Knit	53	1200.00 Each
	CS400	Ctr. Ch.; Ported	Yes	6 1/2	6 1/2	Cone	1	Dome	40-26	91	800,1.5k	8/	9 x 19 x 12	Blk.	Blk. Knit	32	400.00 Each
	CS300	Ctr. Ch.; Ported	Yes	5 1/4	5 1/4	Cone	1	Dome	50-26	90	900,2k	8/	7 x 17 x 9	Blk.	Blk. Knit	23	300.00 Each
	CS245	Ctr. Ch.; Ported	Yes	5 1/4	5 1/4	Cone	1	Dome	52-25	90	900,2k	8/	6 x 17 x 9	Blk.	Blk. Knit	22	220.00 Each
	CS175	Ctr. Ch.; Ported	Yes	5 1/4	5 1/4	Cone	3/4	Dome	55-22	89	2.5k	8/	6 x 17 x 8	Blk.	Blk. Knit	18	170.00 Each
	f/x 1000	Dipole/Bipole Surround	Yes	(2)6 1/2			(2)1	Domes	40-26	90	2k	8/	11 x 20 x 10	Opt.	Opt., Knit	28	1200.00 Pair
	f/x 500	Dipole/Bipole Surround		6 1/2			(2)1	Domes	40-26	90	1.5k	8/	10 x 15 x 9	Opt.	Opt., Knit	20	550.00 Pair
	RT f/x	Dipole/Bipole Surround; Ported		5 1/4			(2)1	Domes	40-25		3k	8/	10 x 9 x 7	Opt.	Opt., Knit	9	449.00 Pair
	PSW150	Powered Sub.		10					20-150 Hz		50-150 (Var.)		18 x 12 x 20	Blk.		48	639.00 Each
	PSW140	Powered Sub.		10					30-180 Hz		60-160 (Adj.)		15 x 12 x 18	Gray			500.00 Each
	PSW120	Powered, Vented Sub.	No	8					35-150 Hz		50-150 (Var.)		13 x 10 x 19	Blk.			330.00 Each
	Signature Reference Theatre (w/remote)	2 Sats., Ctr. Ch., 2 Surrounds & 2 Powered Subs.	Yes	(4)10	(20)5 1/4 (4)4 1/2	Cones	(7)1	Domes	15-26	87	120,800, 1.5k,3k; 15-280	8/	Seven Pieces	Blk. Lacq. Ash	Blk. Knit		8999.00 Sys. w/Cntrl. Ctr.
	RT5000P HT System	2 Sats., Ctr. Ch., 2 Surrounds & 2 Powered Subs.	Yes	(4)8, (2)6 1/2	(6)6 1/2	Cones	(5)1	Domes	18-26	91	80,150, 1.2k,2k, 60-120	8/	Seven Pieces	Rswd. Ven.	Blk. Knit		6000.00 Sys.
	RM7300	4 Sats., Ctr. Ch. & Powered Sub.	Yes	10	(6)3 1/2	Cones	(5) 1/2	Domes	19-22	89	150,3.5k	8/	Six Pieces	Opt.	Opt., Knit	61	1599.00 Sys.
	RM5400	4 Sats., Ctr. Ch. & Powered Sub.	Yes	8	(2)4, (4)3 1/2	Cones	(5) 1/2	Domes	30-22	89	150,3.5k	8/	Six Pieces	Opt.	Opt., Knit	57	1099.00 Sys.
	RM3300	2 Sats. & Powered Sub.	Yes	8	(2)3 1/2	Cones	(2) 1/2	Domes	30-22	89	150,3.5k	8/	Three Pieces	Opt.	Opt., Knit	40	799.00 Sys.
	RM2000II	Sat.	Yes		3 1/2	Cone	1/2	Dome	150-22	89	3.5k	8/	7 x 4 x 6	Opt.	Opt. Knit	5	499.95 Pair
	RM2500C	Ctr. Ch.	Yes	(2)3 1/2			1	Dome	125-22	89	3.5k	8/	4 x 11 x 6	Blk.	Blk. Knit	11	299.95 Each
M5	Ported		6 1/2			1	Dome	32-25	91	3k	8/	13 x 8 x 9	Opt.	Opt.	10	199.95 Each	
M3II	Ported		5 1/4			1/2	Dome	60-22	89	3k	8/	11 x 7 x 8	Opt.	Opt.	7	109.99 Each	
M1	Ported			4	Cone			75-18	89		8/	10 x 6 x 7	Opt.	Opt. Knit	4	70.00 Each	
AB855	In-Wall	Opt.	(2)6 1/2			1	Dome	30-26	89	3k	8/	17 x 8	Wht. Metal	Wht. Metal	9	570.00 Pair	
AB755	In-Wall		6 1/2			1	Dome	32-26	89	3k	8/	11 x 8	Wht. Metal	Wht. Metal	5	400.00 Pair	
AB555	In-Wall		5 1/4			1/2	Dome	67-20	89	3k	8/	10 x 7	Wht. Metal	Wht. Metal	4	270.00 Pair	
AB610a	In-Wall		6 1/2			1/2	Dome	40-20	88	3k	8/	7 Dia.	Wht. Metal	Wht. Metal	4	269.95 Pair	
AB-110a	In-Wall		5 1/4			1/2	Dome	60-20	88	3k	8/	7 Dia.	Wht. Metal	Wht. Metal	3	159.95 Pair	
AWM5	Outdoor; Ported		6 1/2			1	Dome	32-25	91	3k	8/	13 x 8 x 9	Wht.	Wht. Plast.	10	249.95 Each	
AWM3II	Outdoor; Ported		5 1/4			1/2	Dome	60-22	89	3k	8/	11 x 7 x 8	Wht.	Wht. Plast.	7	169.95 Each	
AWM2	Outdoor; Ported		4 1/2			1/2	Dome	70-22	89	4k	8/	10 x 6 x 7	Opt.	Opt., Knit	4	109.00 Each	
POSH SPEAKER SYSTEMS	P-1		4			3/4	Dome	80-18 ±3	89		8/	8 x 5 (Trapezoid)	Opt.		6		
	P-2	Indoor/Outdoor		5 1/4		1	Dome	60-20 ±3	90		4/	11 x 8 x 8	Opt., ABS	Opt.	7		
	M-2	Sub.		5 1/4		1	Dome	50-20 ±3	90		4/	11 x 7	Blk.		26		
	SW-10	Ac. Sus. Stereo Sub.		10				30-120 Hz	92		8/	14 x 13 x 13	Blk. Plast.	Wht. Metal	15		
	835-SX (w/crossover)	Ac. Sus. Stereo Sub.		8				35-120 Hz	90	120	4/	18 x 18 x 7	Blk. Plast.	Wht. Metal	15		
	835-S	Ac. Sus. Stereo Sub.		8				35-120 Hz	90	Opt.	4/	18 x 18 x 7	Blk. Plast.	Wht. Metal	15		
	835-MX (w/crossover)	Ac. Sus. Sub.		8				35-120 Hz	90	120	4/	18 x 18 x 7	Blk. Plast.	Wht. Metal	15		
	835-M	Ac. Sus. Sub.		8				35-120 Hz	90	Opt.	4/	18 x 18 x 7	Blk. Plast.	Wht. Metal	15		
	In-Wall 5	In-Wall/In-Ceiling; Inf. Bat.		8			3/4	Dome	60-20 ±3	90	5k	8/	18 x 18 x 1	Blk. Plast.	Wht. Metal	6	
	Retro 5	In-Wall/In-Ceiling; Inf. Bat.		8			3/4	Dome	60-20 ±3	90	5k	8/	10 x 14 x 1	Blk. Plast.	Wht. Metal	4	
	In-Wall 9	In-Wall/In-Ceiling; Inf. Bat.		8			1	Dome	45-20 ±3	90	5k	8/	18 x 18 x 1	Blk. Plast.	Wht. Metal	7	
	Retro 9	In-Wall/In-Ceiling; Inf. Bat.		8			1	Dome	45-20 ±3	90	5k	8/	10 x 14 x 1	Blk. Plast.	Wht. Metal	5	
528	In-Ceiling; Ac. Sus.		8			3/4	Dome	47-20 ±3	90	5k	8/	18 x 18 x 7	Blk. Plast.	Wht. Metal	11		
928	In-Ceiling; Ac. Sus.		8			1	Dome	35-20 ±3	90	5k	8/	18 x 18 x 7	Blk. Plast.	Wht. Metal			

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
PRECIDE	Aulos Kithara	Tuned Port Tuned Port	No	6 1/2			1 1/2x4	AMT	45-22 ±5	91		4/3	15 x 8 x 10	Opt., Wood	Blk. Knit	30	2495.00 Pair
PRES SPEAKERS	Mini S Dual	Bass Ref. Bass Ref.	Opt. No	6 1/2	6 1/2, 1 1/4	Cone, Dome	1 7x3	Dome Horn	60-20 30-17.5	92 92	2k 200,2.5k, 7k 800,5k	8/5 4/3	16 x 10 x 8 36 x 15 x 14	Red Oak Red Oak	Blk. Poly Blk. Poly	17 55	390.00 Pair 890.00 Pair
	Classic I	Phase Aligned, Bass Ref.	No	12	3	Dome	3/4	Dome	30-22	91		6/5	39 x 16 x 18	Red Oak	Blk. Poly	100	1900.00 Pair
	Ibex	Bass Ref.	Opt.	8	1 1/4	Dome	1	Dome	40-20	91	2k,5k	4/3	24 x 13 x 10	Red Oak	Blk. Poly	30	590.00 Pair
	PR II	Pas. Rad. Sub.		12					30-160 Hz	91	160	8/8	27 x 15 x 14	Red Oak	Blk. Poly	55	390.00 Each
	PR I TL15	Pas. Rad. Sub. Trans. Line Sub.		15					25-160 Hz 20-160 Hz	91 160	160	8/8	41 x 20 x 13 32 x 19 x 40	Red Oak Red Oak	Blk. Poly None	65 200	425.00 Each 650.00 Each
PROAC	Response 1SC	Tuned Port	No	5			3/4	Dome	45-20 ±5	86	5k	8/6	12 x 7 x 9	Opt., Wood	Blk. Knit	18	2100.00 Pair
	Response 2S	Tuned Port	No	7			3/4	Dome	35-20 ±5	87	5k	8/6	18 x 9 x 11	Opt., Wood	Blk. Knit	30	3200.00 Pair
	Response 2.5	Tuned Port	No	7			3/4	Dome	30-20 ±5	86	5k	8/6	42 x 9 x 10	Opt., Wood	Blk. Knit	65	4500.00 Pair
	Response 3.8	Tuned Port	No	(2)7	(2)3	Domes	1	Dome	25-20	88	450,2.8k	8/6	50 x 9 x 14	Opt., Wood	Blk. Knit	100	7300.00 Pair
	Response 4	Tuned Port	No	(2)10			1	Dome	20-20 ±5	90	100,1.5k, 5k	8/6	65 x 14 x 17	Opt., Wood	Blk. Knit	300	20,000 Pair
	Response 5	Tuned Port	No	(2)7	3	Dome	3/4	Dome	20-20 ±5	86	500,4k	8/6	54 x 10 x 15	Opt., Wood	Blk. Knit	120	14,000 Pair
	Response CC1	Tuned Port Ctr. Ch.	Yes	(2)5			3/4	Dome	50-20 ±5	90	5k	8/6	18 x 7 x 8	Opt., Wood	Blk. Knit	24	900.00 Each
Tablette 50	Tuned Port	No	5			3/4	Dome	50-20 ±5	89	5k	8/6	11 x 7 x 9	Opt., Wood	Blk. Knit	15	1000.00 Pair	
Signature Studio 100	Tuned Port	No	5			3/4	Dome	45-20 ±5	90	5k	8/6	11 x 7 x 9	Opt., Wood	Blk. Knit	16	1700.00 Pair	
Studio 150	Tuned Port	No	7			1	Dome	40-20 ±5	88	2.5k	8/6	16 x 8 x 10	Opt., Wood	Blk. Knit	25	1400.00 Pair	
Studio 150	Tuned Port	No	(2)5			3/4	Dome	40-20 ±5	90	5k	8/6	39 x 8 x 10	Opt., Wood	Blk. Knit	55	2300.00 Pair	
PROBE AUDIO LABS	Monad		Yes	6 1/2			(2)1, 3/4	Domes	40-20 ±3	86		8/7		Blk. Lacq. & Mahogany	Blk. Knit	30	1998.00 Pair
	Jayde	Dipole & Sub.		8	6 1/2		(2)1, 3/4	Domes	35-20 ±3	89		8/6	Two Pieces Per Side	Blk. Lacq.	Blk. Knit	80	3998.00 Sys.
	Cithara	Planar Magnetic Module & Sub.		12	8		3/4 36x4	Planar Mag.	28-20 ±3	86		6/4	Two Pieces Per Side	Blk. Lacq.	Blk. Knit	110	6998.00 Sys.

(Continued)

# ZALYTRON

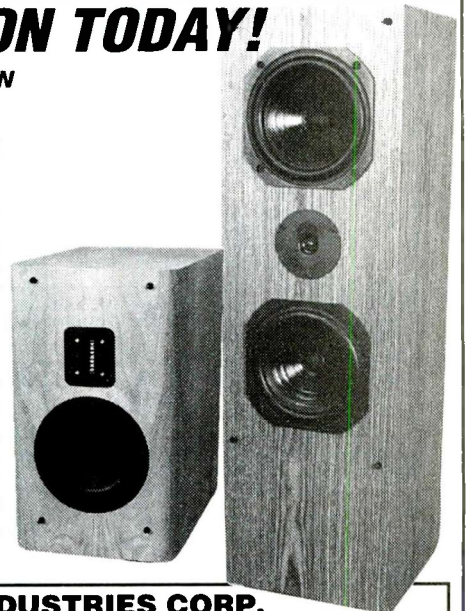
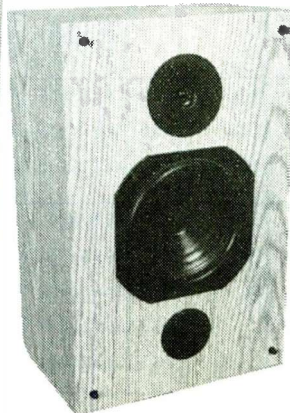
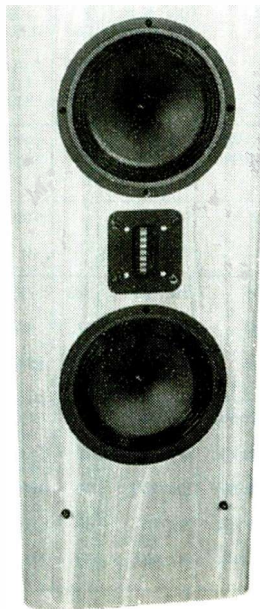
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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
PROBE (Continued)	Martinet	Dipole & 2 Subs.		(4)12	(3)6½		(2)1	Domes	28-20 ±3	90		4/2	Three Pieces Per Side 18 x 15 x 18	Blk. Lacq. & Mahogany Blk. Lacq.	Blk. Knit	300 Side 70	28,980 Sys. 1699.00 Each
	SW-12P (w/remote)	Powered Sub.	Yes	12					18-100 Hz ±2								
PROFESSIONAL TECHNOLOGIES	Modula 12	Ported Sub.		12					37-180 Hz ±3	88	Var.	8/		Oak		39	399.00 Each
	Modula 10	Ported Sub.		10					43-500 Hz ±3	88	Opt.	8/6	23 x 9 x 14	Opt., Oak	Blk. Knit	43	379.00 Each
	Modula 6.5	Ported Sub.		6½					47-2.5 ±3	88	Opt. Var.	8/5	11 x 9 x 14	Opt., Oak	Blk. Knit	32	359.00 Each
	Modula 8	Ported Sub.		8					32-3.5 ±3	88	Var.	8/		Oak		30	369.00 Each
	Modula 4CM	Add-On Mid-Bass			4	Cone			200-4	90	Var.	8/		Oak		20	379.00 Each
	Modula 2DM	Add-On Midrange			2	Dome			1k-10k	89	Var.	8/		Oak		20	352.00 Each
	Modula 1.25DT	Add-On Tweeter					1½	Dome	1.2k-25k	91	Var.	8/		Oak		20	299.00 Each
	Modula 1ADT	Add-On Tweeter					1	Dome	1.5k-30k	90	Var.	8/		Oak		20	279.00 Each
	PT652D	Tuned Port		(2)6½			1	Dome	40-20 ±3	89	3k	8/	12 x 14 x 17	Opt.	Opt.	35	1500.00 Pair
	PT6521	Tuned Port		6½			1	Dome	45-20 ±3	89	3k	8/	13 x 12 x 17	Opt.	Opt.	20	999.00 Pair
PT821	Tuned Port		8			1½	Dome	31-20 ±3	91	2k	8/	10 x 13 x 35	Opt.	Opt.	40	1700.00 Pair	
PT8341	Tuned Port		8	4½	Cone	1	Dome	37-20 ±3	90	300,3k	8/	13 x 12 x 27	Opt.	Opt.	55	2300.00 Pair	
PROPHILE	Ref 10	Bipolar	No	10	(2)5	Cones	(2)¾	Domes	30-20 ±2	89	100,2.5k	7/6	42 x 10 x 13	Opt.	Blk. Knit	69	1595.00 Pair
	Ref 12	Bipolar	No	12	(2)5	Cones	(2)¾	Domes	30-20 ±2	89	100,2.5k	7/6	42 x 10 x 15	Opt.	Blk. Knit	75	2000.00 Pair
	Signature 10	Bipolar	No	10	(2)5	Cones	(2)¾	Domes	30-20 ±2	89	100,2.5k	7/6	42 x 10 x 13	Opt.	Blk. Knit	74	3500.00 Pair
	Signature 12	Bipolar	No	12	(2)5	Cones	(2)¾	Domes	27-20 ±2	89	100,2.5k	7/6	42 x 10 x 15	Opt.	Blk. Knit	77	3700.00 Pair
	Signature 12P	Bipolar; Powered Bass	No	12	(2)5	Cones	(2)¾	Domes	20-20 ±2	91	100,2k	6/6	44 x 11 x 15	Opt.	Blk. Knit	110	3400.00 Pair
	Ultimate 10	Bipolar	No	10	(2)5	Cones	(2)¾	Domes	25-20 ±2	88	100,2.2k	7/6	42 x 10 x 13	Opt.	Blk. Knit	80	4900.00 Pair
PSB SPEAKERS	CC-1	Ctr. Ch.	Yes	(2)6			1	Dome	50-18	91	100,2k	6/6	26 x 8 x 10	Blk. Gloss	Blk. Knit	30	395.00 Each
	CC-2	Ctr. Ch.	Yes	(2)6			1	Dome	45-18	90	100,2k	6/6	26 x 8 x 10	Blk. Gloss	Blk. Knit	33	595.00 Each
PSB SPEAKERS	Stratus Gold-i	Ported	No	10	6	Cone	1	Dome	31-21 ±3	90	250,2.2k	4/4	12 x 43 x 17	Opt.	Blk. Knit	90	From 2549.00 Pair
	Stratus Silver	Ported	No	(2)6½			1	Dome	35-21 ±3	91	500,2.1k	4/4	10 x 39 x 14	Opt.	Blk. Knit	47	From 1699.00 Pair
	Stratus Bronze	Ported	No	(2)6½			1	Dome	40-21 ±3	92	500,2k	4/4	9 x 37 x 13	Opt., Wood	Blk. Knit	39	1099.00 Pair
	Stratus Mini	Ported	No	6½			¾	Dome	50-21 ±3	88	2.2k	4/4	9 x 16 x 13	Opt.	Blk. Knit	23	From 1049.00 Pair
	Stratus C5	Ctr. Ch.; Bass Ref.	Yes	(2)5¼			(2)½	Domes	66-21 ±3	92	2k	8/8	20 x 7 x 10	Opt.	Blk. Knit	22	From 499.00 Each
	Stratus C6	Ctr. Ch.; Bass Ref.	Yes	(2)6½			(2)1	Domes	58-21 ±3	93	2k	8/8	24 x 8 x 12	Opt.	Blk. Knit	30	From 700.00 Each
	Stratus SubSonic 3i	Powered Ac. Sus. Sub.	No	15					24-150 Hz ±3	97	50-150 (Var.)	4/4	18 x 19 x 18	Opt.	Blk. Knit	54	From 899.00 Each
	Stratus SubSonic 4 (w/remote)	Powered Ac. Sus. Sub.	No	15					20-120 Hz ±3	97	40-120 (Var.)	4/4	19 x 20 x 22	Opt.	Blk. Knit	85	From 1299.00 Each
	Century 1000i	Bass Ref.	No	(2)6½			1	Dome	40-21 ±3	92	500,2k	4/4	9 x 37 x 13	Opt.	Blk. Knit	39	From 999.00 Pair
	Century 800i	Bass Ref.	No	(2)8			1	Dome	42-21 ±3	92	2k	8/8	10 x 35 x 14	Opt.	Blk. Knit	42	799.00 Pair
	Century 600i	Bass Ref.	No	(2)6½			1	Dome	43-21 ±3	91	2.2k	8/8	9 x 31 x 14	Opt., Wood	Blk. Knit	34	599.00 Pair
	Century 500i	Bass Ref.	No	8			¾	Dome	45-21 ±3	92	2.2k	6/5	10 x 24 x 12	Opt., Wood	Blk. Knit	26	499.00 Pair
	Century 400i	Bass Ref.	No	6½			¾	Dome	55-21 ±3	89	2.5k	6/5	9 x 16 x 12	Opt., Wood	Blk. Knit	17	399.00 Pair
	Century 300i	Bass Ref.	No	6½			¾	Dome	70-21 ±3	91	3k	6/5	9 x 15 x 10	Opt., Wood	Blk. Knit	15	299.00 Pair
	Century 200Ci	Ctr. Ch.; Bass Ref.	Yes	(2)5¼			½	Dome	68-21 ±3	92	2.8k	8/8	19 x 7 x 10	Blk. Knit	18	299.00 Each	
Century 100Ci	Ctr. Ch.; Bass Ref.	Yes	(2)4½			½	Dome	78-21 ±3	93	3k	6/6	17 x 6 x 8	Ebony Ash	Blk. Knit	13	199.00 Each	
Century SubSonic 2i	Powered Bass Ref. Sub.	No	12					25-150 Hz ±3	94	50-150 (Var.)	4/4	19 x 15 x 14	Ebony Ash	Blk. Knit	40	649.00 Each	
Alpha A/V	Ported	Yes	6½			½	Dome	68-21 ±3	92	3k	6/5	8 x 13 x 10	Opt.	Blk. Knit	11	249.00 Pair	
Alpha Mini	Ported	Yes	5¼			½	Dome	68-21 ±3	91	3.5k	6/5	7 x 10 x 10	Opt.	Opt., Knit	9	199.00 Pair	
Alpha Mite	Ported	Yes	4½			½	Dome	72-21 ±3	90	3.5k	6/5	6 x 9 x 8	Opt.	Opt., Knit	7	169.00 Pair	
Alpha Subsonic 1	Powered, Ported Sub.	No	10					28-150 Hz ±3	93	50-150 (Var.)	4/4	15 x 11 x 14	Blk.	Blk. Knit	26	439.00 Each	
Alpha Midi	Ctr. Ch.; Ported	Yes	5¼			½	Dome	68-21 ±3	92	3.5k	6/5	10 x 7 x 10	Blk.	Blk. Knit	9	119.00 Each	
Ambient II	Dipole Surround	Yes	(2)5¼			(2)½	Domes	75-20	90		8/6	11 x 11 x 8	Opt.	Opt., Knit	10	449.00 Pair	
Ambient I	Dipole Surround	No	(2)4½			(2)½	Domes	80-21	90		8/6	9 x 9 x 6	Opt.	Opt., Knit	6	349.00 Pair	
PUREST SOUND SYSTEMS	Single Dual	¼-Wave Trans. Line	No		6½	Cone	1	Inv. Dome	40-18 ±2	90		8/8	44 x 10 x 12	Oiled Wood	Blk. Knit	68	1950.00 Pair
		¼-Wave Trans. Line	No	(2)6½					35-20 ±2	95		8/8	48 x 10 x 14	Oiled Wood	Blk. Knit	86	4250.00 Pair
QUAD	10L	Inf. Baf. Electrostatic	No	5			1½	Dome	50-20	86		8/	13 x 8 x 10	Yew Blk.	Blk. Knit		1499.98 Pair
	ESL-988	Electrostatic							36-20	86			38 x 26 x 11	Blk. Knit			
	ESL-989	Electrostatic							30-20	87			49 x 20 x 11	Blk. Knit			
QUADRATURE	DSP 3a	Digital Error Correction	No	(6)6½	(4)5	Cones	(6)1	Domes	25-20 ±1.5	91	170,2.5k	6/3.5	76 x 13 x 19	Rswd.	Blk. Knit	235	18,500 Pair
	DSP 4a	Digital Error Correction	No	(2)8	(2)5	Cones	(4)1	Domes	27-20 ±1.5	89	220,2.5k	6/3.5	58 x 13 x 16	Rswd.	Blk. Knit	175	12,975 Pair
	DSP 5a	Digital Error Correction	No	10	5	Cone	1	Dome	30-20 ±1.5	88	375,2.5k	8/6	47 x 13 x 15	Rswd.	Blk. Knit	125	8990.00 Pair
QUANTA TECHNOLOGIES	The Amazing Mini-Monitor III MKII	Vented		5¼			1	Dome	54-22 ±3	88	2.5k	8/6	17 x 7 x 11	Matte Blk.	Gray Knit	20	997.00 Pair; Kit, 688.00
		Hybrid Line		6½			1	Dome	47-20 ±3	89	2k	8/6	20 x 9 x 13	Matte Blk.	Gray Knit	28	1490.00 Pair; Kit, 1045.00
	VII MKII	Hybrid Line		8			1½	Dome	29-20 ±3	91	2k	8/6.2	34 x 11 x 18	Matte Blk.	Gray Knit	58	3500.00 Pair; Kit, 2850.00
	A Sub-Woofer	Vented Sub.		8					30-200 Hz ±3	89	8/5.3	25 x 11 x 17	Matte Blk.	Blk. Knit	45	1290.00 Pair; Kit, 899.00	
(Continued)	B Sub-Woofer	Hybrid Line Sub.		10					25-200 Hz ±3	92	8/5.2	34 x 14 x 24	Matte Blk.	Blk. Knit	78	3250.00 Pair; Kit, 2450.00	

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			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches										Tweeter Type
QUANTA (Continued)	C Sub-Woofer (The Rock)	Vented Stereo Sub.	(2)10				26-200 Hz ±3	92		8/5.2	24 x 24 x 37	Matte Blk.	Blk. Knit	175	6500.00 Each		
	Baby Pyramid MKII	Vented	5 1/4			1 1/8	Dome	54-20 ±3	91	2k	8/5.3	15 x 10 x 11	Matte Blk.	Gray Knit	22	3990.00 Pair	
	Baby Pyramid MKIII	Vented	5 1/4			1 1/8	Dome	50-20 ±3	89	2k	8/5.2	16 x 11 x 12	Opt.	Opt.	44	5500.00 Pair	
QUINTESSENCE ACOUSTICS	Standard Junior	Vented	No	7		1	Inv. Dome	40-22 ±2	90	3k	8/6		Opt.	Blk. Knit	85	3850.00 Pair	
	Standard	Vented	No	10	7	1	Inv. Dome	29-22 ±3	90	125,3k	6/4		Opt.	Blk. Knit	125	8500.00 Pair	
	Standard Signature Q.R.S.	Vented	No	(2)10	(2)7	1.4	Dome, Ribbon	20-22 ±4	96	100,3k, 12k	4/3		Opt.	Blk. Knit	205	19,500 Pair	
		Powered; Vented	No	(16) 10 1/2	(4)7	Cones	(6)1	Inv. Domes	14-29 ±2	97		4/1	Four Pieces	Opt.	Blk.	1400 Sys.	85,000 Sys. w/2 Active Xovers & Amp
	Stealth	Powered; Vented	No	(4)10	(4)7	Cones	(6)1	Inv. Domes	24-29 ±3	97		4/2		Opt.	Blk.	250	57,500 Pair w/Active Xover & Amp 40,000 Pair
	Summit	Vented	No	(4)10	(4)7	Cones	(6)1	Inv. Domes	28-29 ±3	96		4/2		Opt.	Blk.	285	
	Shadow	Vented	No	10 1/2, 8 1/2	(2)5 1/4	Cones	(2)1, 1.4	Domes, Dome, Ribbon	30-28 ±3	94		4/2		Opt.	Blk.	250	24,500 Pair
	Studio	Vented	No	(2)8 1/2	(2)7	Cones	(2)1	Inv. Domes	33-24 ±3	92		6/3	55 x 13 x 17	Opt.	Blk.	200	12,000 Pair
	Black Hole	Bass Ref. Sub.		18					18-200 Hz ±1	98	50-150 (Var.)	8/	28 x 32 x 21	Opt.	Cloth	400	8500.00 Each w/Xover
Black Hole Jr.	Sub.		15					24-200 Hz ±2	95	Var.		26 x 20 x 18	Opt.	Cloth	130	4900.00 Each	

S E R I E S

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			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
THE RADIA SERIES	520	Planar Hybrid		(2)6½			1¼ x 50	Planar Mag.	75-18.5 ±3	87	500	4/4	68 x 14 x 17	Opt., Metal	Blk. Knit	54	From 3250.00 Pair
	420	Planar Hybrid		(2)6½			1¼ x 40	Planar Mag.	75-18.5 ±3	87	500	4/4	57 x 14 x 17	Opt., Metal	Blk. Knit	46	From 1999.00 Pair
	220	Ctr. Ch.; Hybrid	Yes	(2)6½			1¼ x 22	Planar Mag.	75-18.5 ±3	87	75	4/4	8 x 39 x 12	Opt., Metal	Blk. Knit	30	From 1250.00 Each
	RD-75	In-Wall; Sat.					1¼ x 75	Planar Mag.	150-18.5 ±3	87	150	6/6	79 x 6		Wht. Knit	50	
	RD-50	In-Wall; Sat.					1¼ x 50	Planar Mag.	150-18.5 ±3	87	150	4/4	52 x 6		Wht. Knit	35	
	LF-12	In-Floor; Sub.		12					20-150 Hz ±3	87	150	8/8	15 x 15 x 6			5	
RBH SOUND	53	Indoor/Outdoor; Ac. Sus.	No	5				Dome	80-20 ±3	87	3k	8/	9 x 6 x 5	Opt., ABS		5	129.00 Pair
	FS-12	In-Floor/In-Ceiling; Ac. Sus. Sub.	No	12					30-180 Hz ±3	88		4/	36 x 14 x 9	Blk. MDF	Blk. Cloth	57	440.00 Each
	A-504-D	In-Ceiling; Inf. Baf.; Dual Voice Coils	No		5¼	Cone			60-14 ±3	90		8/		ABS	Metal	2	39.00 Each
	A-505	In-Wall; Inf. Baf.	No	5¼			¾	Dome	60-20 ±3	90	3k	8/	6 x 6	ABS	Metal	6	99.00 Pair
	A-505-R	In-Ceiling; Inf. Baf.	No	5¼			¾	Dome	60-20 ±3	90	3k	8/	7 Dia.	ABS	Metal	6	99.00 Pair
	A-506	In-Ceiling; Inf. Baf.	No	5¼			¾	Dome	60-20 ±3	90	3k	8/	7 Dia.	ABS	Metal	6	159.00 Pair
	A-509	In-Wall; Inf. Baf.	No	5¼			¾	Dome	60-20 ±3	90	3k	8/	6 x 10	ABS	Metal	6	159.00 Pair
	A-615	In-Ceiling; Inf. Baf.	No	6½				Dome	55-20 ±3	90	3k	8/	8 Dia.	ABS	Metal	5	225.00 Pair
	A-610	In-Wall; Inf. Baf.	No	6½			1	Dome	55-20 ±3	90	3k	8/	7 x 11	ABS	Metal	6	295.00 Pair
	A-810	In-Wall; Inf. Baf.	No	8			1	Dome	50-20 ±3	90	2.5k	8/	9 x 13	ABS	Metal	8	395.00 Pair
	TK-6	In-Wall; Inf. Baf.	No	6½			1	Dome	50-20 ±3	90	3k	8/	7 x 11	ABS	Metal	6	349.00 Pair
	TK-8	In-Wall; Inf. Baf.	No	8			1	Dome	50-20 ±3	90	2.75k	8/	9 x 13	ABS	Metal	8	495.00 Pair
	MC-6	In-Wall; Inf. Baf.	No	6½			1	Dome	50-20 ±3	87	3k	8/	7 x 11	ABS	Metal	6	449.00 Pair
	MC-8	In-Wall; Inf. Baf.	No	8			1	Dome	45-20 ±3	87	2.5k	8/	9 x 13	ABS	Metal	8	599.00 Pair
	MC-414	In-Wall; Inf. Baf.	Yes	(2)4			1	Dome	55-20 ±3	91	4k	4/	6 x 14	ABS	Metal	6	259.00 Each
	C-760	In-Wall; Ac. Sus.	No	(2)6½			1	Dome	60-20 ±3	90	3k	4/	28 x 14 x 4	Blk. MDF	Opt., Cloth	30	449.00 Each
	WS-100	In-Wall; Bass Ref. Sub. Ac. Sus.	No	10			1	Dome	30-180 Hz ±3	88		4/	48 x 14 x 4	Blk. MDF	Opt., Cloth	38	412.00 Each
	61-SV	Ac. Sus.	Yes	6½			1	Dome	45-20 ±3	87	3k	8/	15 x 9 x 11	Blk. Oak Ven.	Blk. Cloth	20	299.00 Each
661-SV	Ac. Sus.	Yes	(2)6½			1	Dome	45-20 ±3	90	3k	4/	22 x 9 x 11	Blk. Oak Ven.	Blk. Cloth	34	459.00 Each	
1061-SV	Ac. Sus. & Bass Ref. Powered	Yes	10	6½		1	Dome	24-20 ±3	87	120.3k	4/	47 x 9 x 15	Blk. Oak Ven.	Blk. Cloth	72	799.00 Each	
1010-SV	Bass Ref. Sub. Powered	No	(2)10			1	Dome	24-180 Hz ±3	Var.			30 x 13 x 19	Blk. Oak Ven.	Blk. Cloth	76	999.00 Each	
MC-6-C	Ac. Sus.	No	6½			1	Dome	50-20 ±3	87	3k	8/	15 x 9 x 11	Opt., Oak	Blk. Cloth	17	385.00 Each	
MC-414-C	Ac. Sus.	Yes	(2)4			1	Dome	55-20 ±3	91	4k	4/	15 x 7 x 10	Opt., Oak	Blk. Cloth	13	382.00 Each	
TS-10-A	Powered Bass Ref. Sub.	No	10			1	Dome	30-180 Hz ±3	Var.		4/	15 x 14 x 17	Opt., Oak	Blk. Cloth	45	759.00 Each	
TS-10	Powered Bass Ref. Sub.	No	10					28-180 Hz ±3	Var.			15 x 14 x 17	Opt., Oak	Blk. Cloth		599.00 Each	
TS-12	Powered Bass Ref. Sub.	No	12					27-180 Hz ±3	Var.			19 x 16 x 19	Opt., Oak	Blk. Cloth		759.00 Each	
REAL LIFE SOUND	RLS-1	Ported	No	7			1¼	Inv. Dome	45-20	89		8/4	15 x 10 x 10	Opt.	Blk. Knit	28	1800.00 Pair
RECOTON	W450	900-MHz Wireless		6½			½		50-15	91			8 x 12 x 11	Blk. Oak Vinyl	Blk. Cloth		449.99 Pair
	W440	900-MHz Wireless		4			2		50-15					Matte Blk.			299.99 Pair
	W410	Indoor/Outdoor; 900-MHz Wireless		4½			1		30-15					Wht.			279.99 Each
	W410-2GRN	Indoor/Outdoor; 900-MHz Wireless		4½			1		30-15					Green			499.95 Pair
	WC430	900-MHz Wireless Multimedia;							50-15								249.99 Pair
WP445	900-MHz Wireless; Battery-Powered							50-13								329.99 Pair	
REFERENCE MUSIC SYSTEMS	RMS Revelation I	Inf. Baf.		5¼			1	Dome		89		8/6	Three Pieces	Steel	Blk.	60 Sys.	2995.00 Sys.
	RMS Revelation II	Inf. Baf.		(2)5¼			1	Dome		89		8/6	Three Pieces	Steel	Blk.	70 Sys.	3995.00 Sys.
REGA RESEARCH	Jura	Bass Ref.	No	7			1½	Dome		90			33 x 10 x 8	Opt.	Blk. Knit	24	From 895.00 Pair
	ELA	¼-Wave Trans. Line	No	5			1	Dome		89			34 x 10 x 8	Opt.	Blk. Knit	22	From 995.00 Pair
	XEL	¼-Wave Trans. Line	No	5	5	Cone	1	Dome		90			40 x 12 x 9	Opt.	Blk. Knit	34	1795.00 Pair
REL	Q-200e	Powered Ac. Sus. Sub.	No	12					20-120 Hz		30-100		16 x 16 x 16	Blk.	Blk. Knit	45	995.00 Each
	Strata II	Powered Bass Ref. Sub.	No	10					20-120 Hz		30-120		17 x 21 x 12	Blk.		40	1195.00 Each
	Storm	Powered Bass Ref. Sub.	No	10					19-120 Hz		30-120		23 x 21 x 14	Blk.		66	1595.00 Each
	Stadium II	Powered Bass Ref. Sub.	No	10					18-100 Hz		25-100		22 x 21 x 17	Opt.		88	2500.00 Each
	Stentor II	Powered Bass Ref. Sub.	No	10					15-100 Hz		25-100		23 x 21 x 20	Opt.		110	4000.00 Each
	Studio II	Powered Bass Ref. Sub.	No	(2)10					12-100 Hz		25-100		27 x 23 x 21	Opt.		194	8000.00 Each



# Vienna Acoustics™



The Bridge

## S U M I K O

*"Everyone who heard the Vienna Acoustics speakers—including the snobbiest listener in our office—loved the sound, loved the looks, and wanted to take them home."*

[Home Theater]

Vienna Acoustics loudspeakers are precision-engineered by European craftsmen to bring to life the thrill of music and film in your living room. Your eye is drawn to their slender, elegant cabinets lovingly finished in warm beech, dramatic rosewood, and formal black, welcoming their owners home at the end of a long day. If they look like fine furniture, it's because they are.

Less obvious is the intensely technical approach present in all Vienna Acoustics designs. Only a few know that each cabinet has been designed with computerized finite element analysis. Or that, after carefully studying all of the commonly used cone materials, we selected an all-new transparent material called XPP™ that is both stiffer than polypropylene

and much quieter. One brief listen and you'll be stunned by their richness, depth, and impact.

You might not know that we make exclusive use of the finest Scandinavian silk dome tweeters in all our models because their extreme power handling provides for effortless, soaring highs.

Or that our crossovers use precision-wound coils tolerated to an incredible .7% for better imaging. You won't have to think about it because we have.

And isn't that really the point? We invite you to kick off your shoes, sit back and enjoy Europe's most compelling new range of luxury loudspeakers.

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
RENAISSANCE ACOUSTICS	Companion Monitor	Bass Ref.	Yes	6½			1	Dome	45-20 ±3	88	3k	8/5	19 x 10 x 12	Opt., Ven.	Opt., Knit	25	725.00 Pair	
	Companion Mini-Monitor	Ac. Sus.	Yes	5			1	Dome	70-20 ±3	87	3k	8/5	12 x 8 x 7	Opt., Ven.	Opt., Knit	12	495.00 Pair	
	Contrabass	Bass Ref. Sub.	No	10					30-100 Hz ±3	88	100	8/6	18 x 18 x 16	Opt., Ven.	Opt., Knit	48	975.00 Pair	
	Concerto	Bass Ref.	Yes	10	5	Cone	1	Dome		89	250,3k	8/5	38 x 12 x 14	Opt., Ven.	Opt., Knit	75	1975.00 Pair	
RESONANCE	M6b	Bass Ref.	No	6½			¾	Dome	45-20	90	3.5k	4/3	9 x 14 x 12	Blk. Textured	Blk. Knit	19	219.00 Pair	
	DD161d	Bass Ref.	Opt.	6½			1	Dome	45-20	90	1.8k	4/3	9 x 14 x 12	Blk. Textured	Blk. Knit	20	399.00 Pair	
	DD261d	Bass Ref.	Opt.	6½			1	Dome	40-20	91	1.8k	4/3	10 x 19 x 16	Blk. Textured	Blk. Knit	34	450.00 Pair	
REVEL	Gem	Bass Ref.	Yes	(2)5¼			1½	Dome	47-20	87	2.2k	6/4	20 x 8 x 17	Opt.	Opt., Cloth	45	From 3000.00 Each	
	Sub-15/LE-1 (w/remote)	D'Appolito Sub. & Amp/EQ/Crossover	No	15					16-80 Hz +0,-3	80			20 x 20 x 21	Opt.	Opt., Cloth	Sub, 95, Amp, 103 71	From 8500.00 Each w/Amp	
	Voice	Ctr. Ch.	Yes	(2)8	4	Inv. Dome	1½	Dome	67-20 ±2	87	300,2.2k	6/4	13 x 30 x 13	Opt.	Opt., Cloth	71	From 3900.00 Each	
	Embrace	Dipole/Bipole Surround	No	8	(2)4	Inv. Domes	(2)1	Domes	80-20 ±1.5	86	250,2.75k	4/3.2	11 x 24 x 10	Opt., Matte	Opt., Cloth	48	5000.00 Pair	
	Salon		Yes	(3)8, 6½	4	Inv. Domes	1½	Dome	25-20 ±1.5	86	125,450, 2.2k	6/3	53 x 14 x 27	Opt.	Opt., Cloth	240	15,500 Pair	
REVOX	Scala	Triamped; Bass Ref.	No	(4)6	6	Cone	1	Dome	31-20 +0,-3	105			74 x 7 x 10	Cherry	Blk. Metal	106	13,500 Pair	
	Emetric 220	Bass Ref.	No	(2)6	6	Cone	1	Dome	32-20 ±3	103		4/	53 x 8 x 14	Opt., Wood	Silver Metal	70	4395.00 Pair	
	Emetric 160	Bass Ref.	No	6	6	Cone	1	Dome		102		4/	45 x 8 x 14	Opt., Wood	Silver Metal	43	2795.00 Pair	
	Emetric Shelf	Bass Ref.	No	7			1	Dome	42-20 ±3	100		8/	15 x 9 x 12	Opt., Wood	Silver Metal	17	1495.00 Pair	
	Elegance	Bass Ref.	No	(4)5	5	Cone	1	Dome	35-20 ±3	104		4/	50 x 6 x 11	Opt.	Blk. Metal	47	3295.00 Pair	
	Prestige																	
	Column																	
	Elegance	Bass Ref. Sat.	Yes	4			1	Dome	70-18 ±3	88		8/	6 x 6 x 6	Opt.	Opt., Metal	8	695.00 Pair	
	Piccolo																	
	Elegance Shelf	Bass Ref. Sat.	Yes	(2)3			1	Dome	60-20 ±3	88		8/	13 x 4 x 8	Opt.	Blk. Metal	10	899.00 Pair	
	Elegance	Ctr. Ch., Bass Ref.	Yes	(2)4			1	Dome	45-20	88		8/	6 x 18 x 9	Opt.	Blk. Metal	18	599.00 Each	
	Center Channel																	
Elegance	Trans. Line	Yes	(2)3			1	Dome	55-20 ±3	88		8/	44 x 4 x 4	Opt.	Blk. Metal	20	1395.00 Pair		
Column																		
Elegance	Bass Ref. Sub.	No	(2)4						38-110 Hz ±3	88	110	6/	50 x 20 x 14	Opt.	Blk. Metal	20	1395.00 Pair	
Subwoofer																		
Elegance	Powered	No	(2)7						32-160 Hz ±3	105	60-160 (Var.)		18 x 18 x 20	Opt.		33	1695.00 Each	
Aktive	Bass Ref. Sub.																	
Subwoofer																		
Elegance	Powered	No	(2)7						32-160 Hz ±3	105	60-160 (Var.)		18 x 18 x 20	Opt.		43	1895.00 Each	
MR Bass V	Bass Ref. Sub																	
ROBERTS ARCHITECTURAL AUDIO	RA850	In-Wall; Inf. Baf.		8			¾	Dome	28-30 ±3	90	3.5k	8/5.5	14 x 10 x 3	Wht.	Wht. Metal	7	649.00 Pair	
	RA820	In-Wall; Inf. Baf.		8			¾	Dome	35-30 ±3	90	3.8k	8/6	14 x 10 x 3	Wht.	Wht. Metal	6	499.00 Pair	
	RA620	In-Wall; Inf. Baf.		6½			¾	Dome	50-30 ±3	89	4.2k	8/6	14 x 10 x 3	Wht.	Wht. Metal	6	299.00 Pair	
	RA600	In-Wall; Inf. Baf.		6½			¾	Dome	50-20 ±3	89	5k	8/6	14 x 10 x 3	Wht.	Wht. Metal	6	249.00 Pair	
	MP260	In-Wall; Inf. Baf.		6½			2½	Cone	50-17 ±3	90	4k	8/6	14 x 10 x 3	Wht.	Wht. Metal	6	199.00 Pair	
	RA8SW	In-Wall; Sub.		8					30-150 Hz ±3	89	150	8/6	14 x 10 x 3	Wht.	Wht. Metal	12	399.00 Each	
ROCKPORT TECHNOLOGIES	Merak	Bass Ref.	No	7¼			1	Dome	45-21 ±3	87		6/4		Blk. Gloss	Blk. Foam	145	13,500 Pair	
	Sheridan	Bass Ref. Sub.	No	10					32-100 Hz ±3	87		8/5		Satin Blk.	Blk. Foam	85	6000.00 Pair	
	Bass Module																	
	Hyperion	Bass Ref. Sub.	No	13					22-100 Hz ±3	88		8/5		Blk. Gloss	Blk. Foam	275	21,000 Pair	
Bass Module																		
Syzygy	Bass Ref.	No	9	4½	Cone	1	Dome	32-21 ±3	88		6/4		Blk. Gloss	Blk. Foam	200	16,500 Pair		
Xenia	Horn-Loaded Planar & Powered Woofers	No	(16)9			1x54	Planar	20-30 ±3	100		5/5	Four Pieces	Blk. Gloss	Blk. Foam	2200 Sys.	128,500 Sys.		
ROCK SOLID SOUNDS	S 100	Vented	Yes	4			1	Dome	95-20 ±3	89	3.5k	8/	10 x 8 x 4	Blk. Poly	Blk. Knit	3	100.00 Each	
	C 100	Ctr. Ch.; Vented	Yes	(2)4			1	Dome	95-20 ±3	90	3k	8/	6 x 17 x 6	Blk. Poly	Blk. Knit	7	150.00 Each	
	PB 100	Powered Sub.	Yes	10					32-80 Hz ±3				16 x 14 x 16	Blk. Vinyl	Blk. Knit	26	450.00 Each	
	Solid Monitor		Yes	5			1	Dome	75-20 ±3	91	3.5k	8/4	9 x 6 x 6	Opt.	Opt.	5	300.00 Pair	
	HCM 1	Vented	Yes	5			1	Dome	70-20 ±3	89	3.5k	8/4	9 x 6 x 6	Opt.	Opt., Metal	5	400.00 Pair	
	HCM 2	Vented	Yes	4			1	Dome	80-20 ±3	87	3.5k	8/4	15 x 5 x 6	Opt.	Opt., Metal	4	200.00 Pair	
ROGERS	LS3/5A	Inf. Baf.	No	5			¾	Dome	70-20 ±3	83	3k	11/8/	12 x 8 x 7	Opt.	Blk.	12	1100.00 Pair	
	AS	Sub.	No	5					55-120 Hz ±3	88	120	8/	24 x 8 x 7	Opt.	Blk.	20	900.00 Pair	
	LS5/9	Inf. Baf.	No	8			1½	Dome	54-20 ±3	88	3k	8/	18 x 11 x 11	Opt.	Blk.	40	2500.00 Pair	
	DB 101	Bass Ref.	Yes	4½			½	Dome	75-21	92	5k	4/	11 x 8 x 8	Opt.		5	399.00 Pair	
	GS 1	Bass Ref.	No	5			1	Dome	57-20 ±3	85	3k		12 x 8 x 7	Opt., Vinyl	Blk. Knit	10	299.00 Pair	
	GS 3	Bass Ref.	No	5			1	Dome	54-20 ±3	87	3.2k		14 x 9 x 9	Opt., Vinyl	Blk. Knit	15	399.00 Pair	
	GS 6	Bass Ref.	No	(2)6			1	Dome	50-20 ±3	88	2.8k		34 x 9 x 10	Opt., Vinyl	Blk. Knit	35	799.00 Pair	
	GS 9	Bass Ref.	No	(2)8			1	Dome	48-20 ±3	90	2.3k		39 x 10 x 11	Opt., Vinyl	Blk. Knit	45	999.00 Pair	
	Dialogue	Ctr. Ch.; Bass Ref.	Yes	5			½	Dome	60-20 ±3	90	2.5k		19 x 7 x 9	Opt.	Blk. Plast.	14	399.00 Each	
ROHRER ACOUSTIC DESIGN	Reference	Bass Ref.; Line Source	Yes	(12)6			(16)3	Ribbons	40-30 ±3	96	3k	8/8	80 x 15 x 12	Blk.	None	200	31,900 Pair	
	2602 R	Bass Ref.	Yes	(2)6			3	Ribbon	30-30 ±3	92	3k	4/3	48 x 12 x 9	Blk.	None	60	3600.00 Pair	
	2702 KTT	Bass Ref.	No	(2)7			1	Dome	45-20	95	3k	8/8	25 x 12 x 15	Oak	Blk. Knit	50	From 3000.00 Pair	
(Continued)	802	Bass Ref.	No	8			1	Dome	40-20	88	3k	8/8	19 x 10 x 12	Dak	Blk. Knit	35	995.00 Pair	

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms Nominal/Minimum	Dimensions, Inches (To Nearest 1/8")	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
ROHRER (Continued)	215 Reference	Bass Ref. Sub.	No	(2)15					16-125 Hz	92		4/4	25 Dia. x 80	Blk. Knit Wrap	100	5300.00 Pair		
	212	Bass Ref. Sub.	No	(2)12					16-125 Hz	90		8/8	19 Dia. x 80	Blk. Knit Wrap	80	3200.00 Pair		
	10 Reference System	Bass Ref. Sub. Bass Ref. 2 Line-Source Towers & 8 Subs.	No Yes	10 (8)15	(12)6	Cones	(16)3	Ribbons	30-125 Hz 16-30	90 96	125 50.3k	4/4 4 or 8	18 x 18 x 18 Ten Pieces	Blk. Knit Oak Blk.	60 960 Sys.	995.00 Each 42,500 Sys.		
ROSSMAN AUDIO	SA1a	Powered, Biamped	No	6½			1	Dome	50-20 ±4	90		10k		Blk. Fleckstone	Blk. Knit	600.00 Pair		
	SA.5a	Powered, Biamped	Yes	5			1	Dome	55-20 ±4	90		10k		Blk. Fleckstone	Blk. Knit	550.00 Pair		
ROYD	A7X Envoy Sorcerer			5 5 5			¾ ¾ ¾	Dome Dome Dome	60-22 38-20 35-22	89 87 86		6/ 8/ 8/			9 23	395.00 Pair 595.00 Pair 1350.00 Pair		
	Albion Minstrel			(2)5 5 5			¾ ¾ ¾	Dome Dome Dome	30-20 33-20 33-20	90 87 87		6/ 8/ 8/			30 18 18	2800.00 Pair 675.00 Pair 950.00 Pair		
	Minstrel S.E. Squire		Yes	5 5			¾ ¾	Dome Dome	33-20 30-20	87 89		8/ 6/			22 32	875.00 Pair 1100.00 Pair		
	Doublet			(2)5 6½			¾ ¾	Dome Dome	30-20 35-20	89 90		6/ 8/			37 37	1100.00 Pair 1650.00 Pair		
	Abbot			(2)5			¾	Dome	30-20	90		6/			28	595.00 Each		
	AV-77	Ctr. Ch.	Yes	(2)5			¾	Dome	30-20	90		6/					595.00 Each	
	RUARK ACOUSTICS	Ethos Solace Solstice	Bass Ref.	Yes	(2)7	3	Dome	¾ ¾ ¾	Dome Dome Dome	40-20 ±3	89	500.4k	8/	Two Pieces Per Side	Opt., Wood Opt., Wood Opt., Wood	Blk. Knit Blk. Knit Blk. Knit		1050.00 Pair 2200.00 Pair 9500.00 Sys.
		Dialogue One Icon	Ctr. Ch.; Inf. Baf. Bass Ref. Inf. Baf.	Yes No No	(2)5 5 6½			1 1 1	Dome Dome Dome	65-20 ±3 58-20 ±3 50-20 ±3	90 88 88		8/ 8/ 8/	19 x 7 x 8 7 x 14 x 10 8 x 28 x 10	Opt., Wood Opt., Wood Opt., Wood	Blk. Knit Blk. Knit Blk. Knit	17 13 28	599.00 Each 699.00 Pair 1200.00 Pair
		Templar II	Inf. Baf.	No	6½			1	Dome	50-20 ±3	88		8/	8 x 15 x 11	Opt., Wood	Blk. Knit	20	1300.00 Pair
		Sceptre	Bass Ref.	Yes	6½			1 ½	Dome	50-20 ±3	88		8/	9 x 33 x 13	Opt., Wood	Blk. Knit	44	1700.00 Pair
Talisman II		Bass Ref.	No	6½			1	Dome	48-20 ±3	88		8/	7 x 35 x 11	Opt., Wood	Blk. Knit	40	1900.00 Pair	
Prologue One		Inf. Baf.	Yes	(2)5			1 ½	Dome	45-20 ±3	89		8/	12 x 17 x 15	Opt., Wood	Blk. Knit	24	2000.00 Pair	
Broadsword		Inf. Baf.	No	3			1	Dome	50-20 ±3	85		8/	9 x 36 x 13	Opt., Wood	Blk. Knit	66	3300.00 Pair	
Crusader II		Bass Ref.	No	6½	3	Dome	1	Dome	45-20 ±3	88		6/	10 x 35 x 13	Opt., Wood	Blk. Knit	66	4000.00 Pair	
Equinox		Bass Ref.	No	6½			1	Dome	45-20 ±3	87	2.6k	6/	12 x 39 x 15	Opt., Wood	Blk. Knit	88	6000.00 Pair	
Accolade		Bass Ref.	No	11¾	3	Dome	1 ½	Dome	35-20 ±3	89	500.3 5k	8/	12 x 50 x 20	Opt., Wood	Blk. Knit	176	15,000 Pair	
Excalibur		Bass Ref.	No	8	3	Dome	1 ½	Dome	30-20 ±3	90	500.3 8k	4/	7 x 11 x 8	Opt., Wood	Blk. Knit	17	499.00 Pair	
Epilogue		Bass Ref.	Opt.	5			¾	Dome	50-20 ±3	87	3.2k	8/	12 x 20 x 30	Opt., Wood	Blk. Knit		1200.00 Each	
Logarithm		Sub.	No	(2)8														
RUSSOUND	SP503.1	In-Wall/In-Ceiling; Dual Voice Coils	No	5¼				Whizzer	68-18	88		8/4	8 Dia. x 3	Wht.	Wht. Steel		90.00 Each	
	SP504.1	In-Wall/In-Ceiling; Recessed; Dual Voice Coils	No	5¼				Whizzer	68-18	88		8/4	8 Dia. x 3	Wht.	Blk. Plast.		90.00 Each	
	SP523.1	In-Wall/In-Ceiling	No	5¼			½	Dome	65-20	90		8/6	8 Dia. x 3	Wht.	Wht. Steel		200.00 Pair	
	SP550.1	In-Wall	No	5¼			½	Dome	65-20	90		8/6	8 x 11 x 3	Wht.	Wht. Steel		250.00 Pair	
SP650.1	In-Wall	No	6½			1	Dome	58-21	90		8/6	9 x 12 x 3	Wht.	Wht. Steel		350.00 Pair		
SCAN AMERICAN	SD-One	Inf. Baf.		4			¾	Dome	60-20	90	2.4k	4/4	6 x 9 x 7	Wal.	Blk. Knit	10	650.00 Pair	
	SD-Two	Inf. Baf.		5			¾	Dome	50-20	88	2.4k	4/4	12 x 8 x 7	Opt.	Blk.		950.00 Pair	
	SD-Three	Inf. Baf.		6			¾	Dome	40-20	89		4/4	16 x 10 x 8	Opt.	Blk. Knit		1250.00 Pair	
	SD-Four	Inf. Baf.		8			¾	Dome	25-20	89		4/4	19 x 12 x 10	Opt.	Blk. Knit		1650.00 Pair	
	SA 2.5	Ported		5¼			1	Dome	55-22	86	2.5k	4/4	13 x 8 x 7	Blk.	Blk. Knit		349.95 Pair	
	SA 2.6	Inf. Baf.		6			1	Dome	40-22	87	2.5k	4/4	16 x 9 x 7	Blk.	Blk. Knit		449.95 Pair	
	SA 2.8	Inf. Baf.		8			1	Dome	30-22	89	3.5k	4/4	19 x 11 x 8	Blk.	Blk. Knit		549.95 Pair	
	REW 1.6	Inf. Baf.		6			1	Dome	30-22	88	2.5k	4/4	16 x 10 x 8	Opt.	Blk. Knit		1600.00 Pair	
SEQUENCE DESIGN	200	Bass Ref.	Yes	6			1	Dome	55-20 ±5	89	5k	8/	24 x 10 x 3	Blk.	Blk. Knit	10	430.00 Pair	
	300	Bass Ref.	Yes	6			1	Dome	45-20 ±5	89	5k	8/	34 x 10 x 3	Blk.	Blk. Knit	14	540.00 Pair	
	400	Bass Ref.	Yes	6			1	Dome	40-20 ±5	89	5k	8/	40 x 10 x 3	Blk.	Blk. Knit	18	700.00 Pair	
	200C	Ctr. Ch.; Bass Ref.	Yes	6			1	Dome	55-20 ±5	89	5k	8/	24 x 10 x 3	Blk.	Blk. Knit	10	270.00 Each	
	SW 120	Sub.	Yes	8			1	Dome	30-100 Hz ±5	86	100	8/	18 x 23 x 4	Blk.	Blk. Knit	15	575.00 Each	
SEQUERRA ASSOCIATES	MR-1	Ribbon; Hybrid	No	15	2x26	Ribbon	1x8	Ribbon	18-80	94	250.3k	8/8	48 x 17 x 17	Opt., Wood	None	300	From 40,000 Pair 800.00 Pair	
	Met 7.7 MkIV	Inf. Baf.	Yes	6½			2	Cone	50-19 ±3	91	3k	8/6	7 x 11 x 13	Blk.	None	15		
SERVODRIVE	Contrabass Subwoofer	Pas. Rad. Servomotor Sub.	No	(2)15					16-125 Hz	92		4/3	38 x 23 x 18			110	2995.00 Each	
	BassTech 7	Horn-Loaded Sub.	No	(2)15					30-125 Hz +0, -3	102		4/3	45 x 45 x 23			220	4310.00 Each	
SFORZANDO	JL One	Ported	No	(4)10	5¼	Cone	(2)1, (2)¾	Domes	20-30 ±1.5	90	200	8/6	Two Pieces Per Side	Opt.	Blk. Knit	380 Sys.	From 12,000 Sys. w/Xover	
SHAHINIAN ACOUSTICS	Starter Super Elf	Damped Vent	No	6½ 5¼			1 1	Dome Dome	45-19 ±3 45-19 ±3	88 88	4k 4.5k	6/4 6/5	10 x 10 x 26 14 x 8 x 10	Opt. Wood Opt., Wood	Opt., Knit Opt., Knit	25 36	1000.00 Pair 850.00 Pair	
	Arc	Pas. Rad. Trans. Line.		8 8	1 ½ 1 ½	Dome Dome	1 1 (4)¾	Dome Domes	28-18 ±3 28-22 ±3	88 90	1.9k, 8k 1.8k, 9k	6/4 5/4	28 x 14 x 10 29 x 15 x 13	Opt., Wood Opt., Wood	Opt., Knit Opt., Knit	42 55	1950.00 Pair 2800.00 Pair	
	Obeisk	Pas. Rad. Trans. Line.		8			1	Dome	25-500 Hz	90	250/500 (Sel.)	6/4	30 x 15 x 11	Opt., Wood	Opt., Knit	63	2400.00 Pair	
	Hawk Subwoofer	Pas. Rad. Sub.		8					20-225 Hz	90	140/500 (Sel.)	6/3	23 x 15 x 32	Opt., Wood	Opt., Knit	105	3800.00 Pair	
	Double Eagle Subwoofer	Double Trans. Line.		(2)8					250-18	90	3.5k	5/4	17 x 12 x 8	Oiled Birch	Opt., Knit	21	3000.00 Pair	
	Hawk Module	Ported Sat.		(4)4 (4)5¼	(2)1 ½	Domes	(4)1 (2)¾, (6)¾	Domes Domes	140-25 ±3	91	140.4k, 7k, 11k 3.5k	4/3	22 x 12 x 8	Oiled Birch	Opt., Knit	35	5500.00 Pair	
	Diapason Module	Ported Sat.		6½			1	Dome	40-18 ±3	90		6/4	34 x 10 x 10	Opt., Wood	Opt., Knit	31	1550.00 Pair	
Compass																		



# BRITISH CLARITY AMERICAN BASS

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*& the big Genesis.  
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tion with an incredibly large  
sound stage that never squeezes  
music of its elemental vitality,  
these speakers will satisfy.*

*Andrew Keen FI*



## Monitor Audio *Full Metal Theater*

The British designed Monitor Audio *Full Metal Theater* delivers speed and accuracy comparable to the finest electrostatic speaker but without the size. Faint sounds are reproduced effortlessly, even when surrounded by loud explosions. Normal paper or polypropylene drivers can't react as fast, thus, subtle nuances that the director intended to be heard are often lost. The *Full Metal Theater* features our world renowned

Aluminum Magnesium alloy drivers. This material yields a light and rigid cone so our system can react to sudden changes without the common distortions found in ordinary

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
SIGNATURE TECHNOLOGIES	Profile 1	In-Wall		6½			¾	Dome	60-20 ±3	89	6k	4/4	12 x 9 x 1	Opt.	3	399.00 Pair	
	Profile 2	In-Wall		6½			¾	Dome	60-20 ±3	89	6k	4/4	12 x 9 x 1	Opt.	3	399.00 Pair	
	Profile 3	In-Wall		8			¾	Dome	60-20 ±3	89	6k	4/4	14 x 12 x 1	Opt.	7	499.00 Pair	
	Profile LF	In-Wall; Sub.		10			¾	Dome	32-2	91	4k	4/4	12 x 12 x 1	Opt.	14	299.00 Each	
SIGNET	SRM 7.1	Ac. Sus.	Opt.	6			¾	Dome	60-20 ±3	89	6k	4/4	15 x 9 x 13	Oak	20	499.00 Pair	
	SRM 5.1	Tuned Port	Opt.	6			¾	Dome	33-25 ±3	90	4k	4/4	22 x 9 x 13	Oak	25	699.00 Pair	
	SRM 2.1	Tuned Port	Opt.	(2)6			1	Dome	33-25 ±3	91	4k	4/4	40 x 9 x 13	Oak	56	1499.00 Pair	
	SRM 1.5	Powered Woofer; Tuned Port; Ac. Sus.	Opt.	10	6½	Cone	1	Dome	22-24 ±3	91	4k	4/3	47 x 14 x 19	Oak	145	3495.00 Pair	
	SRM 1.5P	Tuned Port; Ac. Sus.	Opt.	10	6½	Cone	1	Dome	22-24 ±3	91	100.3k (External)	6/3	47 x 14 x 19	Oak	145	2495.00 Pair	
	SRM .9	Tuned Port; Ac. Sus.	Opt.	(2)10	6½	Cone	1	Dome	22-24 ±3	92/90	80.4k	4/4	65 x 14 x 19	Oak	165	6500.00 Pair	
	SRM 4W	Powered Sub.												Oak		Requires Elec. Xover	
	BiRad	Surround Ch. Ctr. Ch.	No	(2)5¼			(2)¾	Domes	55-20	89		4/	13 x 11 x 7	Opt.	14	400.00 Pair	
	SLC40/11	Surround Ch. Ctr. Ch.	Yes	(2)4			¾	Dome	50-20	91		6/	5 x 20 x 10	Blk. Knit	18	189.00 Each	
	SLC50	Powered Sub.	Yes	(2)5¼			¾	Dome	50-20	89		6/	7 x 18 x 9	Blk. Knit	20	220.00 Each	
SP100/11	Powered Sub.	No	12					20-180 Hz			4/	17 x 20 x 20	Blk. Knit	67	600.00 Each		
SP200/11	Powered Sub.	No	15					40-180 Hz			4/	18 x 22 x 20	Blk. Knit	86	800.00 Each		
VL310	Powered Sub.	Yes	10	6½	Cone	1	Dome	35-20	92		4/	8 x 37 x 13	Opt.	50	800.00 Each		
VLC266	Ctr. Ch.	Yes	(2)6½					50-20	90		4/	8 x 20 x 10	Opt.	27	850.00 Pair		
SP99	Powered Sub.	No	10			(2)¾	Domes	30-180 Hz			4/	18 x 12 x 16	Blk. Knit	45	300.00 Each		
VL BiRad	Surround Ch. Ctr. Ch.	No	(2)5¼			¾	Domes	55-20	89		4/	13 x 11 x 7	Blk. Knit	14	450.00 Each		
VLC50	Ctr. Ch.	Yes	(2)5¼			¾	Dome	50-20	89		6/	7 x 18 x 9	Blk. Gloss	20	540.00 Each		
SL388	Bass Ref.	Yes	(2)8	4	Cone	1	Dome	30-20	91		4/	11 x 40 x 12	Blk. Gloss	68	250.00 Each		
SL266	Bass Ref.	Yes	(2)6½					35-20	91		8/	8 x 37 x 13	Opt.	50	1200.00 Pair		
SL260/MKII	Bass Ref.	No	6½					45-25	87		8/	8 x 16 x 13	Opt.	23	800.00 Pair		
SL256		No	6½			¾	Dome	45-20	89		8/	8 x 13 x 12	Opt.	19	600.00 Pair		
SL252		No	6½			¾	Dome	45-20	88		8/	8 x 12 x 12	Opt.	14	380.00 Pair		
SL240		Yes	5¼			¾	Dome	65-20	88		8/	7 x 10 x 6	Opt.	8	240.00 Pair		
VL252		Yes	6½			¾	Dome	45-20	88		8/	8 x 12 x 12	Blk. Gloss	14	400.00 Pair		
A/VP Standard	Powered Ctr. Ch.	No	12	6½	Cone	1	Dome	23-20	94		8/	13 x 43 x 22	Opt.	85	2500.00 Pair		
A/V Standard	Surround Ch.	Yes	(2)6½	4	Cone	1	Dome	50-20	88		4/	9 x 21 x 11	Opt.	30	449.00 Each		
A/V-FX Standard	Surround Ch.	No	6½	4	Cone	(2)¾	Domes	50-20	92		8/	15 x 13 x 9	Opt.	20	749.00 Pair		
SILVERLINE AUDIO TECHNOLOGY	SR 12	Bass Ref.	Yes	5			1	Dome	50-22 ±3	87	3k	8/	6 x 8 x 11	Lam.	13	995.00 Pair	
	SR 17	Bass Ref.	Yes	6½			1	Dome	40-22 ±3	89	2.5k	8/	8 x 12 x 14	Opt.	25	2495.00 Pair	
	Panatella	Bass Ref.	Yes	(2)5			1	Dome	35-22 ±3	92	2.5k	8/	6 x 38 x 10	Opt.	50	2995.00 Pair	
	Corona	Bass Ref.	Yes	(2)8			(2)1	Domes	25-25 ±3	93	2.5k	8/	10 x 45 x 15	Rswd.	100	4995.00 Pair	
	Monte Cristo	Bass Ref.	Yes	(2)12	7		(3)1	Domes	18-25 ±3	93	1k, 2.5k	8/	15 x 72 x 25	Opt.	320	49,995.00 Pair	
	Center Stage	Bass Ref.	Yes	(2)4			1	Dome	100-18	91	3k	8/	6 x 20 x 8	Satin Blk.	15	700.00 Each	
	Duet	Sealed Sub.	Yes	12					22-1	91		8/	15 x 15 x 17	Satin Blk.	50	995.00 Each	
	Duet Active	Powered, Sealed Sub.	Yes	12					22-1	91		8/	15 x 15 x 17	Satin Blk.	65	1495.00 Each	
	SNELL ACOUSTICS	K.5	Ctr. Ch.	Yes	6½			1	Dome	48-20 ±3	86		8/4		Opt., Wood	26	900.00 Pair
		CR.5	Powered Sub.	Yes	(2)5¼			1	Dome	70-20 ±3	89		8/4		Blk. Steel	17	500.00 Each
PS.10		Powered Sub.	Yes	10					32-120 Hz			8/4		Blk. Cloth	57	1200.00 Each	
SR.5		Surround Ch.	No	5¼			(2)3½	Cones	70-20 ±3	89		8/4		Opt.	12	700.00 Pair	
E.5		Surround Ch.	Yes	(2)6½			1	Dome	32-20 ±3	90		4/3		Blk. Cloth	46	700.00 Each	
CLS.5		Surround Ch.	Yes	5¼			1	Dome	80-20 ±3	89		8/6.5		Opt., Wood	11	375.00 Each	
AMC 450		In-Wall	No	6½			½	Dome	60-20 ±3	90		8/4.5		Opt.	7	280.00 Each	
AMC 650r		In-Wall/In-Ceiling	No	6½			¾	Dome	65-20 ±3	88		8/6.5		Wht. Metal	3	600.00 Each	
CV		Main Ch.	No	8	(2)5	Cones	1	Dome	30-22 ±3	90		8/5		Wht. Metal	3	2600.00 Pair	
LCR 2800		THX;	Yes	(2)8	(2)4¼	Cones	(3)1	Domes	80-20 ±2	90		8/5		Opt., Wood	110	4800.00 Each	
SUR 2800		Main or Ctr. Ch.	No	8	(2)6½	Cones	(2)1	Domes	36-20 ±3	86		8/4.5		Opt., Wood	110	3100.00 Each	
SUR 1800		THX; Surround Ch.	No	18	(2)4½	Cones	(2)1	Domes	17-80 Hz ±2	88		8/8		Blk. Cloth	150	2500.00 Each	
SUR 850		THX; Sub.	No	(2)5¼	(2)4½	Cones	(2)1	Domes	120-20	89		8/4		Opt., Wood	24	1600.00 Each	
SUR 800		THX; In-Wall; Surround Ch.	No	5¼	(2)4½	Cones	(2)1	Domes	120-20	89		8/4		Blk.	Opt., Cloth	22	1400.00 Each
LCR 800		In-Wall; Surround Ch.	No	(2)6½			(2)¾	Domes	80-20 ±2	89		8/6.5		Blk.	Opt., Cloth	26	1100.00 Each
HCC 800	THX; In-Wall; Main or Ctr. Ch.	No	(2)6½			(2)¾	Domes	80-20 ±2	89		8/6.5		Blk.	Opt., Cloth	26	1100.00 Each	
LCR 500	THX;	Yes	(2)6½			(2)¾	Domes	80-20 ±1.75	89		8/6		Blk.	Opt., Cloth	28	900.00 Each	
HCC 500	Main or Ctr. Ch.	Yes	(2)6½			(2)¾	Domes	80-20 ±1.75	89		8/6		Blk.	Opt., Cloth	28	900.00 Each	
SUR 500	THX; Surround Ch.	No	(2)6½			(2)1	Domes	120-20 ±3	86		8/4		Blk.	Opt., Cloth	35	900.00 Each	
SUR 800	THX; In-Wall; Sub.	No	12					20-80 Hz ±2	90		8/5.6		Blk.	Opt., Cloth	70	800.00 Each	
SUR 550	THX; Sub.	No	12					20-80 Hz ±3	90		8/5.6		Blk.	Opt., Cloth	55	700.00 Each	
E.5c	In-Wall	Yes	(2)6½	(2)5	Cones	1	Dome	32-20 ±3	90		4/3		Blk.	Opt., Wood	35	700.00 Each	
Type A	Tower	No	(4)6½			1½	Dome	80-20 ±1.5	90		8/5		Opt., Wood	115	7000.00 Each		
SOLILOQUY LOUD-SPEAKERS	8.2	Tuned Pipe		8			1½	Dome	27-20 ±3	91	2.7k	8/7.4	44 x 10 x 12	Opt.	102	4395.00 Pair	
	6.2	Tuned Pipe		6½			1	Dome	35-22 ±3	89	2.9k	8/7.4	42 x 12 x 9	Opt.	80	3395.00 Pair	
	5.2	Tuned Pipe		5			¾	Dome	40-19 ±3	89	3.1k	8/7.2	41 x 7 x 8	Opt.	38	2295.00 Pair	
	5.0	Tuned Pipe		5½			1	Dome	40-22 ±3	88	2.7k	8/7.2	14 x 7 x 10	Opt.	19	1395.00 Pair	
	C3	Ctr. Ch.	Yes	5			1	Dome	55-22 ±3	89		4/	7 x 11 x 24	Opt.	23	1395.00 Pair	
	S8	Sub.	Yes	8					30-200 Hz ±3				19 x 14 x 12	Opt.	49	1795.00 Pair	
SOLUS	id6	In-Wall; Inf. Baf.	No	6½			1	Dome	58-25 ±3	90	2.5k	8/6	9 x 13	Wht. ABS	10	699.00 Pair	
	id8	In-Wall; Inf. Baf.	No	8			1	Dome	50-25 ±3	91	2.5k	8/6	11 x 14	Wht. ABS	12	899.00 Pair	
	ir6	In-Wall; Inf. Baf.	No	6½			5	Ribbon	58-50 ±3	90	2k	8/6	9 x 13	Wht. ABS	15	1049.00 Pair	
	ir8	In-Wall; Inf. Baf.	No	8			7	Ribbon	50-50 ±3	91	2k	8/6	11 x 14	Wht. ABS	18	1199.00 Pair	
SONANCE	Cinema LCR2	THX; Inf. Baf.	Yes	8	(2)3	Cones	¾	Dome	70-20	90		8/5	11 x 20 x 4	Wht. Metal		1250.00 Each	
	Cinema SUR2	THX; Inf. Baf.	Yes	8	(2)3	Cones	(2)¾	Domes	40-20	90		8/5	11 x 20 x 4	Wht. Metal		1250.00 Each	
	Cinema LCR1	THX; Inf. Baf.	Yes	8	(2)3	Cones	¾	Dome	70-20	90		8/5	11 x 20 x 4	Wht. Metal		650.00 Each	
	Cinema SUR1	THX; Inf. Baf.	No	8	(2)3	Cones	(2)¾	Domes	45-20	90		8/5	11 x 20 x 4	Wht. Metal		650.00 Each	
	Mariner 300	Sealed	Yes	5			¾	Dome	55-20	89		8/5.5	8 x 11 x 7	Wht. Metal		499.00 Pair	
Mariner 200	Sealed	Yes	5			¾	Dome	60-20	90		8/5.5	8 x 11 x 7	Wht. Metal		379.00 Pair		

# The Shot Heard 'round the World

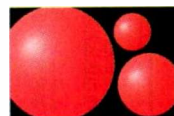


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The value becomes overwhelming when you hear these softball sized speakers (and their bowling ball size subwoofer) put out sound that equals some of the best \$1000+ conventional box systems.”

Comments by Stereophile writers in  
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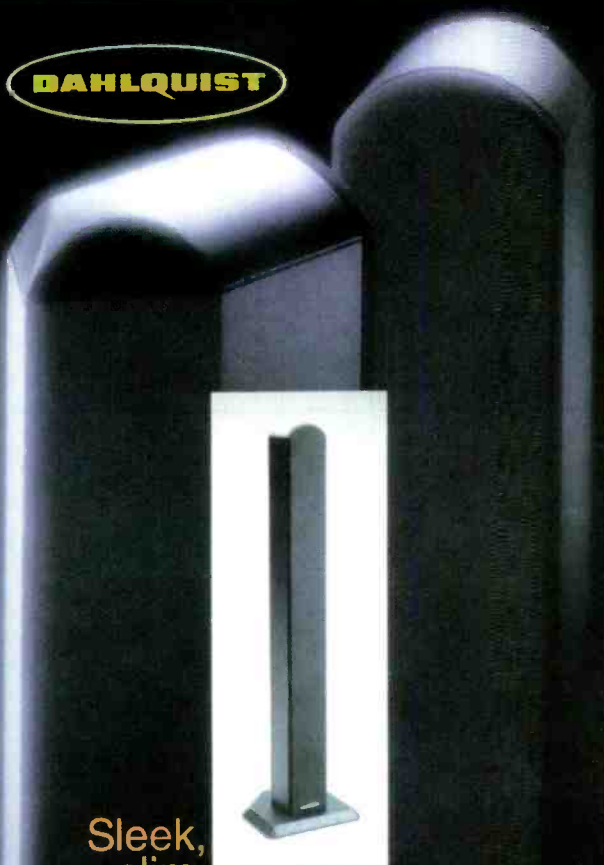
# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
SONANCE (Continued)	Mariner 100	Sealed	No	5			1/8	Dome	65-20	88		8/5.5	8 x 11 x 7		Wht. Metal	279.00	Pair	
	Mariner 20	Sealed	Yes	4			3/4	Dome	67-20	87		8/5.5	6 x 9 x 6		Wht. Metal	249.00	Pair	
	Mariner 10	Sealed	No	4			1/8	Dome	70-20	87		8/5.5	6 x 9 x 6		Wht. Metal	199.00	Pair	
	TR4000	In-Wall; Inf. Baf.	No	6 1/2			1	Dome	38-20 ±2	89		6/4	10 x 3		Opt.	599.00	Pair	
	TR3000	In-Wall; Inf. Baf.	No	6 1/2			1	Dome	40-20 ±3	89		6/4	10 x 3		Opt.	399.00	Pair	
	TR2000	In-Wall; Inf. Baf.	No	6 1/2			1/8	Dome	45-20 ±3	89		8/	10 x 3		Opt.	279.00	Pair	
	TR1000	In-Wall; Inf. Baf.	No	6 1/2			1/8	Dome	55-20 ±5	88		8/	10 x 3		Opt.	206.00	Pair	
	T4000	In-Wall; Inf. Baf.	No	6 1/2	2 1/2	Cone	3/4	Dome	40-20	90	1.5k, 5.5k	6/4	8 x 12 x 3		Opt.	749.00	Pair	
	T3500	In-Wall; Inf. Baf.	No	6 1/2	2 1/2	Cone	3/8	Dome	45-20	90	1.5k, 5.5k	8/6	8 x 12 x 3		Opt.	599.00	Pair	
	T3000	In-Wall; Inf. Baf.	No	6 1/2	2 1/2	Cone	3/8	Dome	55-20	89	1.5k, 5.5k	8/	8 x 12 x 3		Opt.	449.00	Pair	
	T2000	In-Wall; Inf. Baf.	No	6 1/2			3/8	Dome	55-20	89	3.5k	8/	8 x 12 x 3		Opt.	349.00	Pair	
	T1000	In-Wall; Inf. Baf.	No	6 1/2			3/8	Dome	60-20	89	3.5k	8/	8 x 12 x 3		Opt.	239.00	Pair	
	DR7001	In-Wall; Inf. Baf.	No	8	2 1/2	Cone	3/4	Dome	32-20	91		6/4	12 x 5		Wht.	1099.00	Pair	
	DR5501	In-Wall; Inf. Baf.	No	8	2 1/2	Cone	3/8	Dome	35-20	90		8/6	12 x 5		Wht.	699.00	Pair	
	DR5001	In-Wall; Inf. Baf.	No	8	2 1/2	Cone	3/8	Dome	39-20	90		8/6	12 x 5		Wht.	499.00	Pair	
	D8001	In-Wall; Inf. Baf.	No	8	2 1/2	Cone	1	Dome	30-21 ±2	92		8/6	10 x 16 x 3		Opt.	1799.00	Pair	
	D7001	In-Wall; Inf. Baf.	No	8	2 1/2	Cone	3/4	Dome	32-20 ±2	91		6/4	10 x 16 x 3		Opt.	1099.00	Pair	
	D6001	In-Wall; Inf. Baf.	No	8	2 1/2	Cone	3/4	Dome	35-20 ±3	90		8/6	10 x 16 x 3		Opt.	899.00	Pair	
	D5501	In-Wall; Inf. Baf.	No	8	2 1/2	Cone	3/8	Dome	39-20 ±3	90		8/6	10 x 16 x 3		Opt.	699.00	Pair	
	M300V	In-Wall; Inf. Baf.	No	4			1/2	Dome	65-20 ±2	88	3.5k	8/7	6 x 10 x 4		Wht.	289.00	Pair	
	M200	In-Wall; Inf. Baf.	No	4			1/2	Dome	70-20 ±3	87	3.5k	8/6	6 x 10 x 4		Wht.	202.00	Pair	
	M100	In-Wall; Inf. Baf.	No	4			1/2	Dome	70-15 ±5	87		8/7	6 x 10 x 4		Wht.	119.00	Pair	
	DL1200	Powered, Pas. Rad. Sub.	Yes	12	4				25-140 Hz ±3		40-150 (Adj.)		20 x 21 x 20		Blk. Knit	73	999.00	Each
	DL1000	Powered, Pas. Rad. Sub.	Yes	10					30-140 Hz ±3		40-150 (Adj.)		17 x 18 x 17		Blk. Knit	59	799.00	Each
	DL800	Powered, Pas. Rad. Sub.	Yes	8					40-140 Hz ±3		40-150 (Adj.)		14 x 17 x 13		Blk. Knit	39	649.00	Each
	DL10	Powered, Pas. Rad. Sub.	Yes	10					35-140 Hz ±3		40-150 (Adj.)		14 x 14 x 12		Blk. Knit	36	399.00	Each
	PSWD8	Sealed Sub. In-Wall; Sub.	Yes	8					33-125 Hz ±3		125		10 x 16 x 3		Wht.	10	329.00	Each
	GR8	In-Ceiling; Inf. Baf.	No	5 1/4			3/8	Dome	50-20	90		8/6	8 x 3		Wht.	249.00	Pair	
GR4	In-Ceiling; Inf. Baf.	No	5 1/4			3/8	Dome	60-20	90		8/6	8 x 3		Wht.	175.00	Pair		
GRM2	In-Ceiling; Inf. Baf.	No	5 1/4			3/8	Dome	75-17	90		8/6	8 x 3		Wht.	87.50	Each		
M20R	In-Ceiling; Inf. Baf.	No	4			3/8	Dome	70-20	87		8/6	7 x 3		Wht.	60.00	Pair		
M10R	In-Ceiling; Inf. Baf.	No	4			3/8	Dome	70-15	87		8/6	7 x 3		Wht.	100.00	Pair		
SONICWELD	Timpanogos	2 Dipole Sats. & 2 Dipole Subs.	No	(2)18	(4)5 1/4	Cones	(2)3	Inv. Domes				4/4	Four Pieces	Metal	500 Sys.	29.700	Sys.	
	McKinley	2 Dipole Panels & 2 Dipole Subs.	No	(4)18	(24)5 1/4	Cones	(2)3	Inv. Domes				4/4	Four Pieces	Metal	2200 Sys.	89.700	Sys.	
SONUS FABER	Solo	Ctr. Ch.; Ac. Sus.	Yes	(2)7			3/4	Dome	45-20 ±3	87		8/6	22 x 9 x 9	Leather	Blk. Knit	22	995.00	Each
	Piccolo Solo	Ctr. Ch.; Ac. Sus.	Yes	(2)5 1/2			3/4	Dome	50-20 ±3	88		8/4	19 x 7 x 9	Blk. Knit	19	595.00	Each	
	Concerto	Ported	Yes	7			3/4	Dome	45-20 ±3	87		8/6	9 x 14 x 15	Leather	Blk. Silk	20	1895.00	Pair
	Grand Piano	Pas. Rad.	Yes	7			3/4	Dome	40-20 ±3	87		8/6	10 x 12 x 40	Blk. Lacq.	60	3500.00	Pair	
	Guarneri	Ported		6			1	Dome	46-20 ±2	88		8/4	8 x 13 x 15	Wal.	Blk. Metal	137	9500.00	Pair w/Stands
Homage	Ported		5 1/2			3/4	Dome	50-20 ±2	86		8/6	9 x 13 x 11	Wal.	Blk. Silk	17	995.00	Pair	
Concertino	Pas. Rad.	No	(2)7			3/4	Dome	35-20 ±3	88	2.5k	8/4	15 x 9 x 14	Wal.	Blk. Knit	33	6000.00	Pair w/Stands	
Electa																		
Amatar II																		
SONY	SS-U6033	Sealed	No	12	4	Cone	2	Cone	35-20	91		8/	15 x 25 x 12	Blk.	Blk. Knit	34	200.00	Pair
	SS-U4033	Sealed	No	8	2	Cone	1	Cone	50-20	90		8/	10 x 17 x 9	Blk.	Blk. Knit	14	140.00	Pair
	SS-U3033	Sealed	No	6 1/2			2	Cone	60-20	89		8/	9 x 14 x 9	Blk.	Blk. Knit	11	120.00	Pair
	SS-CN30	Ctr. Ch.	Yes	(2)5	(2)5	Cones						8/	17 x 6 x 6	Gray	Blk. Knit	6	120.00	Each
	SS-DD100	5 Sats. & 2 Powered Subs.	Yes	(2)12	(2)5	Cones	3/4	Dome				8/	Seven Pieces	Gray	Blk. Knit	160	3000.00	Sys.
	SS-DD50	5 Sats. & 2 Powered Subs.	Yes	(2)8	3	Cone	1	Dome					Seven Pieces	Blk.	Blk. Knit	138	2000.00	Sys.
	SS-DD20	4 Sats., Ctr. Ch. & 2 Powered Subs.	Yes	(2)6 1/4	(8)6 1/2	Cones	(5)1	Domes					Seven Pieces	Gray	Blk. Knit	106	1000.00	Sys.
SA-VE150	4 Sats., Ctr. Ch. & Powered Sub.	Yes	6 1/4	(2)3		(6)2x3 1/2	Cones					Six Pieces	Gray	Blk. Knit	32	480.00	Sys.	
SONY ES	SS-M1CN	Ctr. Ch.; Sealed	Yes	6 1/2			1	Dome	50-22 ±3	89	2.25k	6/	7 x 20 x 10	Blk.	Blk. Knit	8	600.00	Each
	SS-M3	Sealed	No	6 1/2			1	Dome	70-20 ±3	85	2k	8/5.5	12 x 19 x 14	Opt.	Blk. Knit	29		
	SS-M7	Sealed	No	8		Cone	1	Dome	45-22 ±3	86	300k, 3k	6/3.8	16 x 29 x 16	Opt.	Blk. Knit	55		
	SS-M9	Ported	No	(2)8	5	Cone	1	Dome	29-23 ±3	88.5	200.2, 25k	4/3.2	16 x 42 x 24	Opt.	Blk. Knit	145	1750.00	Each
SOUND DYNAMICS	RTS-P100	Powered Bass	No	(2)6 1/2	6 1/2	Cone	1	Dome	25-25 ±3	93	90, 2k	8/6	42 x 10 x 15	Opt.	Blk. Knit	55	1200.00	Pair
	RTS-11	Vented	No	(3)6 1/2			1	Dome	30-20 ±3	93	2k	8/	42 x 10 x 15	Blk. Rswd.	Blk. Knit	50	950.00	Pair
	RTS-9	Vented	No	(2)6 1/2			1	Dome	34-20 ±3	92	2k	8/	38 x 10 x 14	Blk. Rswd.	Blk. Knit	44	700.00	Pair
	RTS-7	Vented	No	(2)5 1/2			1	Dome	42-20 ±3	90.5	2k	8/	35 x 10 x 11	Blk. Rswd.	Blk. Knit	34	550.00	Pair
	RTS-5	Vented	No	6 1/2			1	Dome	45-20 ±3	90	2k	8/	33 x 10 x 11	Blk. Rswd.	Blk. Knit	32	450.00	Pair
	RTS-3	Vented	No	5 1/2			1/2	Dome	47-20 ±3	89	2k	8/	15 x 8 x 9	Opt.	Blk. Knit	10	280.00	Pair
	RTS-1	Vented	No	5 1/2			1/2	Dome	55-20 ±3	89	2.5k	8/	11 x 8 x 7	Opt.	Blk. Knit	8	200.00	Pair
	RTS-C2	Main or Ctr. Ch.	Yes	(2)5 1/2			1	Dome	47-20 ±3	90	2k	8/	7 x 21 x 11	Blk.	Blk. Knit	23	300.00	Each
	RTS-C1	Ctr. Ch.	Yes	(2)4 1/2			1/2	Dome	60-20 ±3	90	2.5k	8/	6 x 19 x 9	Blk.	Blk. Knit	10	180.00	Each
	RTS-RS1	Bipolar Surround	No	5 1/2			(2)1/2	Domes	70-20 ±3	90	2.5k	8/	7 x 13 x 5	Opt.	Opt., Knit	8	165.00	Pair
	CS-5000/	5 Sats. & Powered Sub.											Six Pieces					
	THS-1000v	Powered Sub.																
	CS-2000	Main Ch. or Sat.	Yes	3 1/2			1/2	Dome	120-20 ±3	88	3k	8/	7 x 5 x 6	Opt.	Opt., Cloth	3	90.00	Each
	CS-1000	Ctr. Ch.	Yes	(2)3 1/2			1/2	Dome	120-20 ±3	88	3k	8/	5 x 12 x 6	Blk.	Blk. Cloth	5	150.00	Each
	THS-4000v	Powered, Vented Sub.	No	15					22-150 Hz		Var.	8/	21 x 21 x 21	Blk. Ash	Blk. Cloth	72	850.00	Each
	THS-3000v	Powered, Vented Sub.	No	12					25-100 Hz		Var.	8/	16 x 16 x 16	Blk. Ash	Blk. Cloth	44	600.00	Each
THS-2000v	Powered, Vented Sub.	No	10					28-100 Hz		Var.	8/	16 x 16 x 15	Blk. Ash	Blk. Knit	41	400.00	Each	
THS-1000v	Powered, Vented Sub.	No	8					29-100 Hz		Var.	8/	15 x 9 x 10	Blk. Ash	Blk. Knit	26	300.00	Each	



# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS					Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches										Tweeter Type
SOUND LAB	Dynastat	Electrostatic & Dynamic Hybrid	No	10½			48x10	ES	28-22 ±2	88	250	8/4	72 x 17 x 3	Opt., Wood	Opt.	75	3470.00 Pair
	A-1	Electrostatic	Yes						30-22 ±2	86		50/3	81 x 35 x 11	Opt., Wood	Opt.	185	13,700 Pair
	A-3	Electrostatic	Yes						32-22 ±2	86		50/3	73 x 35 x 11	Opt., Wood	Opt.	145	9550.00 Pair
	Ultimate 1	Electrostatic	Yes						25-22 ±2	86		50/3	82 x 37 x 10	Blk. Gloss	Blk. Spandex	210	27,000 Pair
	Quantum	Electrostatic & Dynamic Hybrid	No	8			36x6½	ES	38-22	88	250	8/4	53 x 14 x 3	Opt., Wood	Blk. Knit	53	2370.00 Pair
SOUND LAB	Aura Prima	Electrostatic & Dynamic Hybrid	Yes						30-22 ±2	88		50/3	68 x 26 x 7	Opt., Wood	Opt.	145	6700.00 Pair
	Prima	Electrostatic		890 Sq. In.			176 Sq. In.	ES	30-20 ±2	88	500	8/4	70 x 26 x 6	Opt., Wood	Opt.	125	5700.00 Pair
SOUNDOLIER	SUB-40	Ctr. Ch. & Sub. (see below)											40 x 23 x 30	Opt.	Blk. Knit	86	From 1672.00 Each
	SUB-40	Ctr. Ch.		(2)6½			1	Dome	70-20 ±3	89		4/4					
	SUB-40	Sub.		(4)8					24-200 Hz	100		8/2					
	THP-1	Sub.		(2)8					+5, -2			8/4	25 x 11 x 15	Opt., Gloss	Opt., Knit	32	574.00 Each
	THP-2	In-Ceiling/In-Floor; Sub.		(2)8					38-500 Hz	90		8/4	11 x 14 x 22	Blk.	Opt.	32	462.00 Each
	THP-3	In-Wall; Sub.		8					±5	96		8/7	15 x 11 x 3	Wht.	Wht. Metal	5	255.00 Each
	AS661	In-Wall; Inf. Baf.	No	(2)6			1	Dome	40-170 Hz	89		8/7	15 x 11 x 3	Wht.	Wht. Metal	5	255.00 Each
	AS88	In-Wall; Inf. Baf.	No	8	4		1	Dome	45-500 Hz	89	3k	4/	9 x 19	Wht. Steel	Wht. Steel	5	522.00 Pair
	AS83A	In-Wall		8	4	Cone	1	Dome	60-20	88	1.5k,5k	8/	11 x 15	Wht. Steel	Wht. Steel	5	570.00 Pair
	AS80A	In-Wall		8	4	Cone	1	Dome	50-20 ±3	88	2.2k,5k	8/	15 x 11 x 3	Wht. Metal	Wht. Metal	8	522.00 Pair
	AS76	In-Wall; Inf. Baf.	No	6			1	Dome	50-20 ±4	88	2.8k	8/	15 x 11 x 3	Wht.	Wht. Metal	6	385.00 Pair
	AS62A	In-Wall		6			1	Dome	60-20	87	3k	8/	9 x 12	Wht. Steel	Wht. Steel	3	385.00 Pair
	AS60A	In-Wall		6½			1	Dome	60-20 ±4	86	2.5k	8/	11 x 9 x 3	Wht.	Wht. Metal	5	315.00 Pair
	AS34C	In-Wall		6½			2	Cone	60-15 ±5	85	3.4k	8/	11 x 9 x 3	Wht.	Wht. Metal	3	145.00 Pair
	AS24C	In-Ceiling		4			½	Dome	110-20 ±5	88		8/	8 x 8	Wht.	Blk. Mesh	3	240.00 Pair
AS26C	In-Ceiling		4	4				±5	89.6		8/	8 x 8	Wht.	Blk. Mesh	3	225.00 Pair	
AS26C	In-Ceiling, Ac. Sus.		6½			½	Dome	150-17 ±5	88	4k	8/	10 x 10 x 8	Wht.	Wht. Metal	3	250.00 Pair	
W150T	Indoor/Outdoor		5¼			1	Dome	65-20 ±5	86		8/	9 x 6 x 7	Opt., Alum.	Opt., Mesh	10	328.83 Each	
W130T	Indoor/Outdoor		4			1	Dome	75-20 ±5	86		8/	7 x 5 x 4	Opt., Alum.	Opt., Mesh	6	200.86 Each	
W115T	Indoor/Outdoor		4			1	Cone	120-20 ±3	84		8/	7 x 5 x 4	Opt., Plast.	Opt., Mesh	5	110.50 Each	
AS115	Indoor/Outdoor		4			1½	Cone	140-20 ±5	88		8/	7 x 5 x 4	Opt.	Opt.	5	199.00 Pair	
AS130	Indoor/Outdoor		4			1	Dome	140-20 ±5	88		8/	7 x 5 x 4	Opt.	Opt.	5	199.00 Pair	
						1	Dome	120-20 ±3	84		8/	8 x 5 x 5	Opt.	Opt.	6	296.00 Pair	



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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$	
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
SOURCE TECHNOLOGIES	CC-2S	Ctr. Ch.	Yes	(2)5			3/4	Dome	70-20 ±3	89	2.5k	6/5	20 x 6 x 10	Blk. Gloss	Blk. Knit	20	395.00 Each
	CC-2V	Ctr. Ch.	Yes	(2)5			3/4	Dome	60-20 ±3	89	2.2k	6/5	20 x 6 x 10	Blk. Gloss	Blk. Knit	22	495.00 Each
	ESC	Ctr. Ch.	Yes	(2)5			3/4	Dome	55-20 ±2	89	2.2k	6/5	19 x 7 x 10	Blk. Gloss	Blk. Knit	22	595.00 Each
	SCC	Ctr. Ch.	Yes	(2)6			3/4	Dome	50-20 ±2	80	2k	6/5	23 x 9 x 11	Blk. Gloss	Blk. Knit	26	695.00 Each
	1.5	Inf. Bas. Sat.	Yes	5			3/4	Dome	57-20 ±3	89	2.5k	8/6	10 x 6 x 6	Opt.	Blk. Knit	11	395.00 Pair
	1.5V	Vented Sat.	Yes	5			3/4	Dome	52-20 ±3	89	2.5k	8/6	10 x 6 x 6	Opt.	Blk. Knit	12	495.00 Pair
	1.5D	Vented	No	5			3/4	Dome	45-20 ±2	88	2.2k	6/5	12 x 6 x 9	Opt.	Blk. Knit	16	1395.00 Pair
	RC-1B	Surround Ch.	No	(2)4	(2)4	Cones	3	Cone	70-10 ±4	88	4k	6/6	9 x 5 x 5	Opt.	Blk. Knit	9	395.00 Pair
	RC-2FS	Surround Ch.	No	8			1	Dome	40-12 ±3	88	4k	8/6	42 x 7 x 11	Opt.	Blk. Knit	47	895.00 Pair
	277	Vented	No	(2)7			1	Dome	30-20 ±2	88	200.2k	6/5	42 x 8 x 9	Opt., Wood	Blk. Knit	74	2950.00 Pair
	610	Vented	No	7			1	Dome	35-20 ±2	87	1.7k	6/6	39 x 9 x 11	Opt., Wood	Blk. Knit	72	2450.00 Pair
	710	Vented	No	9			1	Dome	25-20 ±2	87	100,1.7k	5/5	45 x 9 x 14	Opt., Wood	Blk. Knit	90	4490.00 Pair
	266	Vented	No	(2)6			1	Dome	30-20 ±3	87	100,2k	6/6	42 x 7 x 8	Opt.	Blk. Knit	55	995.00 Pair
	244	Vented	No	(2)4			3/4	Dome	50-20 ±3	87	2k	7/7	42 x 5 x 6	Opt.	Blk. Knit	35	795.00 Pair
SPEAKER ART	Clef	Vented	8			1	Dome	32-22 ±3	88	1.6k	8/6	22 x 10 x 13	Oak	Blk. Knit	50	1350.00 Pair	
	Super Clef	Vented	8			1	Dome	30-22 ±3	88	1.6k	8/6	22 x 10 x 13	Mahogany	Blk. Knit	51	1800.00 Pair	
	Clef Signature	Vented	9			1 1/2	Dome	35-25 ±3	92	1.8k	8/6	22 x 10 x 13	Blk. Lacq.	Blk. Knit	60	4500.00 Pair	
	Maxwell	Vented	9			1 1/2	Dome	35-25	92	1.8k	8/6	48 x 11 x 15	Ebony	Foam	100	7000.00 Pair	
	Proclaim	Vented	9			1 1/2	Dome	35-25	92	1.2k	8/6	42 x 12 x 16	Polymer	Foam	112	10,000 Pair	
SPEAKER-CRAFT	6.5 LCR	Ctr. Ch.	Yes	(2)6 1/2			1	Dome	40-20 ±2	90		8/	7 x 23 x 9	Blk. Wal.	Blk. Knit		499.00 Each
	6.1 LCR	Ctr. Ch.	Yes	(2)6 1/2			1	Dome	50-20 ±2	90		8/	7 x 22 x 9	Blk. Wal.	Blk. Knit		299.00 Each
	8.2 BAS	In-Ceiling, Sub.	No	8					30-80 Hz or 30-120 Hz		80/120 (Sel.)	8/6	12 Dia.	Wht.	Metal		318.00 Each
	8.1 BAS	In-Ceiling, Sub.	No	8					30-80 Hz or 30-120 Hz		80/120 (Sel.)	8/6	12 Dia.	Wht.	Metal		225.00 Each
	6.0 DT	In-Ceiling	No	6 1/2			(2) 1/2	Domes	60-20	91		8/8	10 Dia.	Wht.	Metal		113.00 Each
	6.1 DT	In-Ceiling	No	6 1/2			(2) 1/2	Domes	60-20 ±4	91		8/	9 Dia.	Wht.	Metal		145.00 Each
	8.5 CRS2	In-Ceiling	No	8			1	Dome	30-20	90		8/4	12 Dia.	Wht.	Metal		560.00 Pair
	8.2 CRS2	In-Ceiling	No	8			1/2	Dome	35-20	90		8/4	12 Dia.	Wht.	Metal		450.00 Pair
	6.5 CRS3	In-Ceiling	No	6 1/2			1	Dome	40-20	92		8/4	10 Dia.	Wht.	Metal		405.00 Pair
	6.2 CRS3	In-Ceiling	No	6 1/2			1/2	Dome	45-20	92		8/4	10 Dia.	Wht.	Metal		275.00 Pair
	6.1 CRS3	In-Ceiling	No	6 1/2			1/2	Dome	70-20	91		8/6	10 Dia.	Wht.	Metal		207.00 Pair
	5.2 R	In-Ceiling	No	5 1/4			1/2	Dome	60-20	89		8/6	8 Dia.	Wht.	Metal		149.00 Pair
	5.1 R	In-Ceiling	No	5 1/4			1/2	Dome	60-15 ±4	89		8/	8 Dia.	Wht.	Metal		120.00 Pair
	SC 662FL	In-Wall	No	6 1/2	5 1/4		1/2	Dome	45-20	90		8/8	12 x 9	Wht.	Metal		188.00 Pair
	SC 652FL	In-Wall	No	6 1/2			1/2	Dome	50-20	90		8/8	12 x 9	Wht.	Metal		146.00 Pair
	SC 600FL	In-Wall	No	6 1/2			2	Cone	60-18	90		8/8	12 x 9	Wht.	Metal		113.00 Pair
	SC 552FL	In-Wall	No	5 1/4			1/2	Dome	60-20	92		8/8	11 x 8	Wht.	Metal		178.00 Pair
	SC 542FL	In-Wall	No	5 1/4			1/2	Dome	70-20	92		8/8	11 x 8	Wht.	Metal		136.00 Pair
	8.5 MIT	In-Wall	No	8	2	Dome	3/4	Dome	30-22 ±2	90		8/4	16 x 11	Wht.	Metal		1335.00 Pair
	8.3 MIT	In-Wall	No	8	2	Dome	3/4	Dome	38-20 ±2	90		8/	16 x 11	Wht.	Metal		799.00 Pair
6.5 MIT	In-Wall	No	6 1/2			1	Dome	40-20	90		8/4	12 x 8	Wht.	Metal		465.00 Pair	
6.2 MIT2	In-Wall	No	6 1/2			1	Dome	45-20	92		8/6	12 x 8	Wht.	Metal		370.00 Pair	
6.1 MIT2	In-Wall	No	6 1/2			1	Dome	50-20	92		8/6	12 x 8	Wht.	Metal		245.00 Pair	
WS 550	Outdoor	No	(2)5 1/4			1	Dome	50-20	91		4/4	16 x 9	Opt.	Blk. Knit		580.00 Pair	
WS 540	Outdoor	No	(2)5 1/4			1/2	Dome	60-20	91		4/4	16 x 9	Opt.	Blk. Knit		460.00 Pair	
WS 520	Outdoor	No	5 1/4			1	Dome	70-20	90		8/4	12 x 8	Opt.	Blk. Knit		400.00 Pair	
WS 510	Outdoor	No	5 1/4			1/2	Dome	80-20	90		8/4	12 x 8	Opt.	Blk. Knit		310.00 Pair	
SPEAKERLAB	SL-7.1	Bass Ref.	No	12,10	6 1/2	Cone	1	Dome	25-21 ±3	94	180,350.5k	4/3	39 x 14 x 16	Oak	Blk. Knit	82	1149.00 Pair; Kit, 879.95
	SL-5.1	Bass Ref.	No	8	6 1/2	Cone	1	Dome	30-21 ±3	92	180,2.5k	4/3	32 x 12 x 14	Oak	Blk. Knit	49	765.00 Pair; Kit, 589.95
	SL-4.1	Bass Ref., D'Appolito	No	(2)6 1/2			1	Dome	35-21 ±3	91	2.5k	4/3	32 x 10 x 13	Oak	Blk. Knit	40	599.00 Pair; Kit, 469.95
	SL-3.1	Ac. Sus.	No	6 1/2			3/4	Dome	45-21 ±3	86	2.5k	4/3	16 x 10 x 11	Oak	Blk. Knit	21	395.00 Pair; Kit, 299.95
	SL-2.1	Bass Ref.	No	5 1/4			3/4	Dome	50-21 ±3	88	2.5k	8/6	13 x 10 x 9	Oak	Blk. Knit	15	260.00 Pair; Kit, 199.95
	SL-C	Ctr. Ch.	Yes	(2)6 1/2			3/4	Dome	42-21 ±3	90	2.5k	4/3	8 x 23 x 10	Oak	Blk. Knit	25	329.00 Each; Kit, 259.95
	SL-SW	Bass Ref. Sub.	No	10					35-180 Hz ±3	91	180	8/6	14 x 23 x 16	Oak	Blk. Knit	43	349.00 Each; Kit, 239.95
SPENDOR	SP3/1P	Vented	Yes	6 1/2			3/4	Dome	60-20 ±2	88	4k	8/	16 x 9 x 11	Opt.	Blk.	21	1400.00 Pair
	SP2/3	Vented	Yes	8			1 1/2, 3/4	Domes	55-20 ±3	88	3k	8/	22 x 11 x 13	Opt.	Blk.	32	1850.00 Pair
	SP1/2	Vented	Yes	8			1 1/2, 3/4	Domes	45-20 ±3	88	3k, 13k	8/	25 x 12 x 12	Opt.	Blk.	40	2400.00 Pair
	SP100	Vented	Yes	12	6 1/2	Cone	3/4	Dome	40-20 ±3	90	600,4k	8/	28 x 15 x 17	Opt.	Blk.	80	3400.00 Pair
	S35	Sealed	Yes	6			3/4	Dome	80-20 ±3	84	5k	8/	12 x 7 x 7	Cherry		895.00 Pair	
	S1	Bass Ref.	Yes	6 1/2			1	Dome	60-20 ±3	88	4k	8/	12 x 8 x 10	Cherry		995.00 Pair	
	LF6	Bass Ref.	Yes	6 1/2			1	Dome	48-20 ±3	88	4.2k	8/	34 x 8 x 11	Cherry		1995.00 Pair	
	LF8	Bass Ref.	Yes	8			1	Dome	43-20 ±3	88	3.1k	8/	36 x 9 x 12	Cherry		2495.00 Pair	
	SP7/1	Vented	Yes	8			3/4	Dome	50-20 ±3	89	3k	8/	34 x 12 x 14	Opt.	Blk.	65	2900.00 Pair
	SP9/1	Vented	Yes	12	6 1/2	Cone	1	Dome	40-20 ±3	90	600,4k	8/	42 x 15 x 18	Opt.	Blk.	115	5500.00 Pair
SRD SPEAKERWORKS	Sub 12P	Powered Sub.		12					25-125 Hz ±3		40-180 (Adj.)		19 x 19 x 19	Opt., Oak	Blk. Knit	58	699.00 Each
	10.3 Series II	Bass Ref.		10	5 1/2	Cone	1	Dome	33-28 ±2	89	500,4k	8/	25 x 15 x 12	Opt., Oak	Blk. Knit	19	1199.00 Pair
	6.2	Bass Ref.		6 1/2			1	Dome	49-20 ±2	89	3k	8/	16 x 10 x 8	Opt.	Blk. Knit	28	479.00 Pair
	8.2	Bass Ref.		8			1	Dome	40-20 ±2	89	2.5k	8/	19 x 12 x 11	Opt.	Blk. Knit	25	599.00 Pair
	VM-1	Bass Ref.		(2)5 1/4			1	Dome	45-20 ±2	88	3.5k	6/	8 x 18 x 11	Opt.	Blk. Knit	25	699.00 Pair
SS-1	Ac. Sus.		5			1	Dome	72-20 ±2	88	3.5k	6/	12 x 8 x 7	Opt.	Blk. Knit	12	429.00 Pair	
Sat 1	Sats. & Sub.		10	5	Cone	1	Dome	45-20 ±2	89	125,3.5k	6/	Three Pieces	Opt.	Blk. Knit	64	799.00 Sys.	
STATUS ACOUSTICS	Decimo	Bass Ref.	Yes	6 1/2			1	Dome	55-20 ±3	87	2.5k	8/	15 x 8 x 10	Gloss	None	30	2995.00 Pair
	Mediette	Bass Ref.	Yes	(2)6 1/2			1	Dome	55-20 ±3	90	2.5k	8/	22 x 8 x 12	Gloss	None	45	3995.00 Pair
	Atlas	Bass Ref.	Yes	12	(2)6 1/2	Cones	1	Dome	27-20 ±3	90	150,2.5k	4/	50 x 9 x 17	Gloss	None	125	7995.00 Pair
	Titus	Bass Ref.	Yes	(6)10	(2)6 1/2	Cones	1	Dome	18-20 ±3	90	150,2.5k	4/	64 x 13 x 24	Gloss	None	290	19,500 Pair
	Nemesis	Bass Ref. Sub.	No	(4)10					20-200 Hz ±3	88		4/	31 x 13 x 24	Gloss	None	130	4995.00 Each

# How Do Your Speakers Measure Up?



Take a look at any speaker manufacturer's lineup. Chances are their "top of the line" offers a lot more piston area than their "starter" models. Why?

With speakers, bigger is better. Unless, of course, you don't care about visceral impact. Or distortion. Or efficiency. Or dynamic contrast.

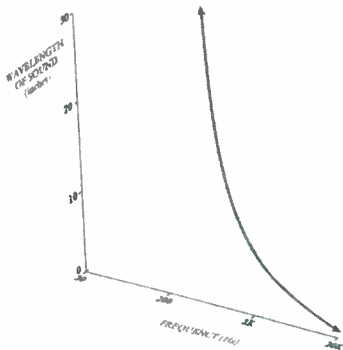
Now some folks will try to convince you that an 8" woofer is faster than a pair of 12". But moving air is a volume velocity issue.

Relying on an 8" driver to pump up your 2500 cubic foot listening space is like fanning yourself with a guitar pick. Distortion will rise and transient response will be compromised (unless you've recently devised a scheme for miniaturizing a 30-foot wavelength).

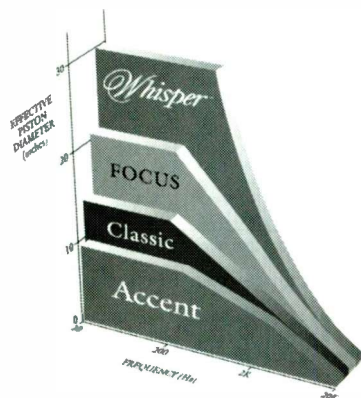
The laws of physics dictate that a loudspeaker's effective radiating diameter should increase proportionally with the wavelength of sound to provide consistently low distortion, broad dynamic range and uniform power distribution.

Study the chart to the side. Note how closely Whisper's effective radiating diameter tracks the wavelength of sound. This provides stable imaging, low distortion and extraordinary dynamic capabilities. This type of chart is very useful in approximating the potential performance level of any loudspeaker design. You may find it helpful to chart the loudspeakers you are currently using on this graph. (We think you'll be in for a surprise!)

Model for model, Legacy offers more piston area than the other guy with one straightforward pricing structure. You'll pay about the same per square inch of piston area for our Whisper as you will for our Classic. None of the exponential markups so typical of high-end audio.



Bill Dudleston,  
Chief Designer for  
Legacy Audio



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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS							Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Normal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
STEREO-STONE	Palos Verdes	Outdoor, In-Wall		6½			½	Dome				8/	17 x 5 x 11	Opt., Sim. Rock		15	179.95 Each	
	Sierra Stone	Outdoor		6½			½	Dome	55-20 ±3	89	2.8k	8/	15 x 11 x 11	Opt., Sim. Rock		22	299.95 Each	
	Classic Stone	Outdoor		6½			½	Dome	55-20 ±3	89	2.8k	8/	19 x 13 x 11	Opt., Sim. Rock		30	299.95 Each	
	Omni Stone	Outdoor		8			¾	Dome	38-20 ±3			8/	19 x 13 x 17	Opt., Sim. Rock		35	399.95 Each	
	Corner Stone	Outdoor		8			¾	Dome	38-20 ±3			8/	19 x 16 x 13	Opt., Sim. Rock		39	430.00 Each	
	Yosemite Stone	Outdoor		8			¾	Dome	38-20 ±3			8/	19 x 13 x 17	Opt., Sim. Rock		39	430.00 Each	
	Gibraltar Rock	Outdoor		8			¾	Dome	38-20 ±3			8/	20 x 15 x 15	Opt., Sim. Rock		39	500.00 Each	
	Stereo Rock	Outdoor		(2)8			(2)¾	Domes	38-20 ±3	91	1.5k	8/	22 x 20 x 20	Opt., Sim. Rock		60	649.95 Each	
	Stereo Stone	Outdoor		(2)8			(2)¾	Domes	38-20 ±3	91	1.5k	8/	22 x 20 x 20	Opt., Sim. Rock		60	649.95 Each	
	Stereo Fountain Stereo	Outdoor		(2)8			(2)¾	Domes	38-20 ±3	91	1.5k	8/	22 x 20 x 20	Opt., Sim. Rock		60	824.95 Each	
Sub-Rock Satellite	Outdoor, Sub.		(2)10					30-180 Hz +0,-3	91	180	8/	22 x 20 x 20	Opt., Sim. Rock		60	699.00 Each		
Sub-Rock Sierra Jr.	Outdoor		10	8		¾	Dome		93		8/	22 x 20 x 20	Opt., Sim. Rock		60	750.00 Each		
			6½			½	Dome	55-20 ±5	88	2.8k	8/	15 x 11 x 11	Opt., Sim. Rock		22	From 125.00 Each		
SUNDANCE	10	Tuned Port Ctr. Ch.;	No	10	(2)5½	Cones	2x6	AVT	30-22 ±5	87		4/3	42 x 12 x 18	Opt., Wood	Blk. Knit	180	7995.00 Pair	
	10-C	Tuned Port Surround Ch.;	Yes	8			1½x4	AVT	40-22 ±5	87		4/3	12 x 18 x 10	Opt., Wood	Blk. Knit	60	1195.00 Each	
	10-R	Tuned Port	Yes	6			1½x4	AVT		87		4/3	14 x 8 x 10	Opt., Wood	Blk. Knit	90	1995.00 Pair	
SUNFIRE	True Subwoofer	Sealed, Powered Sub.	No	10					16-100 Hz +0,-3		30-100			Blk. Lacq.		60	1895.00 Each	
	Signature True Subwoofer MKII	Sealed, Powered Sub.	No	8					18-100 Hz +0,-3		35-100			Blk. Lacq.		48	1299.00 Each	
SYMDEX SYSTEMS	Epsilon	Ported	No	10	7	Cone	1	Dome	25-25	88	100.2.3k	8/4	48 x 13 x 15	Blk. Knit	Blk. Knit	100	6600.00 Pair	
	Gamma	Ported	No	7			1	Dome	40-25	88	2.3k	8/4	43 x 10 x 10	Blk. Knit	Blk. Knit	50	3300.00 Pair	
	Elsa	Ported	No	5			1	Dome	60-25	88	2.3k	8/4	12 x 8 x 8	Blk. Knit	Blk. Knit	25	1800.00 Pair	
SYMPHONIC LINE	Legato		Yes	6½			1½	Dome	29-23 ±3	89		8/4	42 x 14 x 8	Opt.	None	170	5600.00 Pair	
	Belcanto		Yes	(2)8	6½	Cone	1½	Dome	21-23 ±3	91		8/2	43 x 10 x 18	Opt.	None	300	18,000 Pair	
	Belcanto "S"		Yes	(2)8	6½	Cone	1½	Domes	21-25 ±3	91		8/2	43 x 10 x 18	Opt.	None	310	21,000 Pair	
TADDEO	Golden Voice		No	(3)6½	(4)2	Cones	(4)1	Domes	32-22 ±3	93	2k	4/3.5	51 x 21 x 9	Cherry		75	5495.00 Pair	
TANNOY	Churchill	Bass Ref.	No	15			1¾	Dome	32-20	95	1k	8/	23 x 49 x 23	Wood Ven.	None	180	14,000 Pair	
	D900	Bass Ref.	No	12	12	Cone	1¾	Dome	28-20	95	400,1.2k	6/	17 x 45 x 18	Wood Ven.	Blk. Knit	130	9000.00 Pair	
	D700	Bass Ref.	No	10	10	Cone	1	Dome	35-20	93	400,1.5k	6/	15 x 39 x 14	Wood Ven.	Blk. Knit	90	5300.00 Pair	
	D500	Bass Ref.	No	8	8	Cone	1	Dome	37-20	91	400,1.7k	6/	12 x 37 x 13	Wood Ven.	Blk. Knit	62	3800.00 Pair	
	D300	Bass Ref.	No	6			1	Dome	47-20	90	1.8k	8/	10 x 33 x 9	Wood Ven.	Blk. Knit	40	2400.00 Pair	
	D750	Ctr. Ch.	Yes	(2)8	8	Cone	1	Dome	45-20	92	400,1.7k	6/	32 x 10 x 16	Wood Ven.	Blk. Knit	81	2400.00 Each	
	PS115	Powered Sub.	No	15					33-130 Hz		Var.		20 x 18 x 20	Blk. Vinyl	Blk. Knit	53	1250.00 Each	
	S10	Bass Ref.	No	10	10	Cone	1	Dome	29-20	93	400,1.5k	6/	12 x 44 x 14	Blk. Vinyl	Blk. Knit	210.00 Pair		
	S8	Bass Ref.	No	8	8	Cone	1	Dome	30-20	91	400,1.7k	6/	10 x 38 x 12	Blk. Vinyl	Blk. Knit	1500.00 Pair		
	S6	Bass Ref.	No	6	6	Cone	1	Dome	31-20	90	400,1.8k	6/	8 x 34 x 12	Blk. Vinyl	Blk. Knit	1200.00 Pair		
	S8LCR	Ctr. Ch.	Yes	8			1	Dome	50-20	90	1.7k	8/	18 x 10 x 11	Blk. Vinyl	Blk. Knit	600.00 Each		
	S6LCR	Ctr. Ch.	Yes	6			1	Dome	60-20	89	1.8k	8/	15 x 8 x 11	Blk. Vinyl	Blk. Knit	400.00 Each		
	m5	Bass Ref.	No	8	8	Cone	1	Dome	32-20	92	400,2.5k	6/	10 x 38 x 11	Blk. Vinyl	Blk. Knit	29	800.00 Pair	
	m4	Bass Ref.	No	6	6	Cone	1	Dome	32-20	91	400,2.5k	6/	8 x 34 x 11	Blk. Vinyl	Blk. Knit	23	700.00 Pair	
	m3	Bass Ref.	No	6			1	Dome	35-20	89	2.5k	8/	8 x 34 x 11	Blk. Vinyl	Blk. Knit	22	550.00 Pair	
	m2	Bass Ref.	No	6			1	Dome	48-20	88	2.5k	8/	8 x 15 x 11	Blk. Vinyl	Blk. Knit	14	350.00 Pair	
	m1	Bass Ref.	No	5			1	Dome	55-20	87	2.5k	8/	7 x 12 x 8	Blk. Vinyl	Blk. Knit	10	250.00 Pair	
mC	Ctr. Ch.	Yes	(2)4			1	Dome	70-20	90	2.5k	8/	17 x 6 x 7	Blk. Vinyl	Blk. Knit	13	250.00 Each		
TDL	Reference Standard "M"	Trans. Line	No	(2)8½ x 12	(2)6	Cones	(2)1,¾	Domes	16-35	89	300,2k, 13k	8/	47 x 22 x 20	Opt., Wood	Opt., Knit	175	15,000 Pair	
	Studio Monitor "M"	Trans. Line	No	8½x 12		Cone	1	Dome	18-20	87	300,2k	8/	35 x 11 x 17	Opt., Wood	Opt., Knit	110	7500.00 Pair	
	RTL 2SE	Trans. Line	No	6½			1	Dome	35-20	87	3k	8/	29 x 8 x 15	Opt., Wood	Blk. Knit	27	729.00 Pair	
	RTL 3SE	Trans. Line	No	(2)6½			1	Dome	30-20	90	2.5k	8/	35 x 8 x 15	Opt., Wood	Blk. Knit	47	1129.00 Pair	
	RTL 4	Trans. Line	No	(2)8			1	Dome	30-20	90	3k	8/	37 x 11 x 15	Opt., Wood	Blk. Knit	51	1499.00 Pair	
	Nucleus 1	Trans. Line	No	5¼			¾	Dome	60-20	86	5k	8/	10 x 7 x 7	Opt., Wood	Blk. Knit	7	229.00 Pair	
	Nucleus 2	Trans. Line	No	5¼			¾	Dome	50-20	89	3k	8/4	12 x 8 x 9	Opt., Wood	Blk. Knit	11	329.00 Pair	
	Nucleus 3	Trans. Line	No	5¼			¾	Dome	40-20	89	3k	8/4	30 x 8 x 9	Opt., Wood	Blk. Knit	22	529.00 Pair	
	Chiltern CF100	Bass Ref.	No	6			1	Dome	40-20	85	2k	8/	12 x 8 x 9	Opt., Wood	Blk. Knit	16	1250.00 Pair	
	Cotswold	Trans. Line;	No	6½			1	Dome	35-20	87	2k	8/	30 x 9 x 9	Opt., Wood	Blk. Knit	31	1750.00 Pair	
	CF200	Bass Ref.	No	6½			1	Dome	35-20	87	2k	8/	30 x 9 x 9	Opt., Wood	Blk. Knit	31	1750.00 Pair	
Cheviot CF300	Trans. Line;	No	6½			1	Dome	30-20	90	2k	8/	37 x 9 x 12	Opt., Wood	Blk. Knit	42	2250.00 Pair		
CCS	Ctr. Ch.;	Yes	(2)4			¾	Dome	80-20	87	4k	8/	6 x 17 x 10	Blk. Textured	Blk. Knit	16	329.00 Each		
SBR	¼-Wave Trans. Line	No	(2)6½					30-120 Hz	90		8/	16 x 8 x 20	Blk. Textured	Blk. Knit	25	499.00 Each		
TECHNICS	SB-LX10K	Bass Ref.	No	6¾			2½	Cone	46-22 @ -16 dB	89	3k	8/	9 x 15 x 8	Blk.	Blk. Knit	8	100.00 Pair	
	SB-LX30K	Bass Ref.	No	10			2½	Cone	38-22 @ -16 dB	90	3k	8/	13 x 24 x 11	Blk.	Blk. Knit	17	120.00 Pair	
	SB-LX50K	Bass Ref.	No	10	4	Cone	2½	Cone	35-22 @ -16 dB	90	4k.6k	8/	13 x 25 x 11	Blk.	Blk. Knit	19	140.00 Pair	

(Continued)

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- 70w x 3 + 20w x 2 •Low impedance drive capability
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**CD RECORDER PHILIPS**



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Compact Disc Recorder

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- Use as a standard CD player
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- 40 AM/FM presets
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- 2-way speakers
- Remote

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- Black woodgrain finish

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- Continuously variable from 50-150Hz
- Black wood-grain cabinet

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- Blue backlight

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**SONY**



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Portable MiniDisc Player/Recorder

- 40 sec. shock-resistant memory
- Vertical jog dial
- Stereo (74 min./mono (148 min.) recording
- Remote controller headphones
- Rechargeable battery

**\$349<sup>99</sup>** (SON MZR50)

**Sony MZ-EP11**  
•Portable MiniDisc Player, 10-sec. shock-resistant memory, headphones with remote on cord .....**179<sup>99</sup>**

**Sony MZ-R30**  
•Portable MiniDisc Player/Recorder, vertical jog dial, remote controller headphones .....**249<sup>99</sup>**

**Sony MZ-F40**  
•Portable AM/FM Stereo MiniDisc Player, 16-FM/8-AM presets, headphones .....**299<sup>99</sup>**

**Aiwa CSD-MD5**  
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- SmoothScan® special effects
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- Remote

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**Panasonic**



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VHS Hi-Fi Stereo VCR

- 4 heads
- Trilingual on-screen display
- 1-month/8-event timer
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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS							Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest 1/8")	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer		Midrange		Tweeter										
				Shielding?	Diameter, Inches	Diameter, Inches	Type	Diameter, Inches	Type									
TECHNICS (Continued)	SB-LX70K	Bass Ref.	No	12	4	Cone	2%	Cone	33-22 @ -16 dB	90	3k,6k	8/	15 x 28 x 11	Blk.	Blk. Knit	22	170.00 Pair	
	SB-LX90	Bass Ref.	No	15	4	Cone	2%	Cone	31-22 @ -16 dB	90	3k,6k	8/	19 x 32 x 13	Opt.	Blk. Knit	36	120.00 Each	
	SB-C500A	Ctr. Ch.; Bass Ref.	Yes	(2)3¼				1	Dome	75-40 @ -16 dB	81	8/	18 x 5 x 7	Blk.	Blk. Knit	8	200.00 Each	
	SB-S500A	Dipole Surround	Yes	(2)3¼				1	Dome	125-40 @ -16 dB	79	8/	9 x 10 x 4	Blk.	Blk. Knit	6	250.00 Pair	
	SB-C80A	Ctr. Ch.; Sealed	Yes	(2)3¼				2%	Cone	110-22 @ -16 dB	86	8/	13 x 5 x 5	Blk.	Blk. Knit	4	60.00 Each	
	SB-S80A	Dipole Surround	No		(2)3¼	Cones				80-45 @ -16 dB	83	8/	6 x 8 x 10	Blk.	Blk. Knit	5	120.00 Pair	
	SB-S50A	Surround Ch.; Sealed	No		¾	Cone				100-20 @ -16 dB	81	8/	5 x 4 x 5	Blk.	Blk. Knit	2		
	SB-T100	Bass Ref.	Yes	5½				1	Dome	35-40 @ -16 dB	84	3k	8/	9 x 31 x 12	Blk.	Blk. Knit	24	200.00 Pair
	SB-T200	Bass Ref.	Yes	(2)5½				1	Dome	38-40 @ -16 dB	86	3k	8/	9 x 39 x 12	Blk.	Blk. Knit	30	300.00 Pair
	SB-LV110	Bass Ref.	Yes	6¾				2%	Cone	46-22 @ -16 dB	88	3k	8/	9 x 15 x 8	Blk.	Blk. Knit	8	110.00 Pair
	SB-LV310	Bass Ref.	Yes	10				2%	Cone	38-22 @ -16 dB	89	3k	8/	13 x 23 x 11	Blk.	Blk. Knit	17	130.00 Pair
	SB-LV500	Bass Ref.	Yes	(2)3¼				1	Dome	75-40 @ -16 dB	81	2.5k	8/	4 x 18 x 7	Blk.	Blk. Knit	4	250.00 Pair
	SB-AS40	Powered Bass Ref. Sub.	Yes	6¾						32-350 Hz @ -16 dB	92			15 x 11 x 12	Blk.	Blk. Knit	19	220.00 Each
	SB-AS60	Powered Bandpass Sub.	Yes	(2)6¾						32-200 Hz @ -16 dB	86			17 x 12 x 13	Blk.	Blk. Knit	14	400.00 Each
	SB-W500	Bass Ref. Sub.	Yes	(2)5½						40-550 Hz @ -16 dB	83		16/	13 x 15 x 16	Blk.	Blk. Knit	10	150.00 Each
TERP-SICHORE	Van Arsdale Big Boy	Vented Powered Trans. Line Sub.	Opt.	8 15	4	Cone	1	Dome	32-20 ±2 14-150 Hz	91	Var.	8/4	17 x 24 x 16 Custom	Opt., Wood Opt.		180 300	4000.00 Pair 2700.00 Each	
	Landes Monitor Bookshelf	Vented	Opt.	8				Ribbon	45-24 ±2	91	300,3k	4 or 8	17 x 9 x 10	Opt., Wood		19	950.00 Pair	
	Landes Monitor Floor	Vented	Opt.	8			(4)	Ribbons	45-24 ±2	91	300,3k	4 or 8	Custom	Opt.		50	From 1050.00 Pair	
	Landes Monitor Plus Subwoofer 1	Folded Horn Sub. Ported	Opt.	10 5½			1	Dome	28-1 55-20 ±3	89	2.4k	8/ 6/3	14 x 25 x 16 7 x 10 x 12	Opt. Opt.		200 11	1700.00 Pair 700.00 Each	
	SSS Monitor	Hybrid Tweeter; Omni	Opt.	6¾			4 Dia. x8	Ribbon Omni	55-30 2.6k-30k	89	Custom	6/ 8/	7 x 20 x 12 4 Dia. x 8	Opt. Opt.		60 4	500.00 Pair 600.00 Pair 600.00 Pair	
	THIEL	CS7.2	Pas. Rad.	No	12	6½,3	Cones	1	Dome	25-18 ±1.5	86	200,900, 3k	4/3	55 x 14 x 19	Opt., Wood	Opt., Cloth	155	13,500 Pair
CS6		Pas. Rad.	No	10	4	Cone	1	Dome	28-18 ±2	86	400,3k	4/2,4	50 x 13 x 19	Opt., Wood	Opt., Cloth	175	7900.00 Pair	
CS3.6		Pas. Rad.	No	10	4½	Cone	1	Dome	29-20 ±1.5	86	400,3k	4/2,5	49 x 13 x 17	Opt., Wood	Opt., Cloth	107	4300.00 Pair	
CS2.3		Pas. Rad.	No	8	3	Cone	1	Dome	37-20 ±2	87	900,3k	4/3	42 x 11 x 15	Opt., Wood	Opt., Cloth	70	3300.00 Pair	
CS1.5		Pas. Rad.	Yes	6½			1	Dome	42-22 ±3	86	3k	4/3	33 x 9 x 11	Opt., Wood	Opt., Cloth	42	2190.00 Pair	
CS5		Ported	Yes	6½			1	Dome	55-20 ±3	87	3k	4/3,2	31 x 8 x 11	Opt., Wood	Opt., Cloth	35	1450.00 Pair	
MCS1		Ported	Yes	6½	(2)6½	3	Cone	1	Dome	46-20 ±2	90	800,3k	4/3	29 x 10 x 12	Opt., Wood	Opt., Cloth	60	2200.00 Each
SCS3	Ported	No	6½			1	Dome	48-20 ±2	87	3k	4/3	19 x 8 x 10	Opt., Wood	Opt., Cloth	30	1300.00 Each		
THORENS	TSP-40	Bass Ref.		5½			¾	Dome	50-20	88		4/8	7 x 15 x 10	Opt., Wood	Blk.	15	1800.00 Pair	
	TSP-80	Bass Ref.		(2)5½			¾	Dome	50-20	91		4/8	7 x 33 x 10	Opt., Wood	Blk.	32	2600.00 Each	
	TSP-100	Bass Ref.		(2)6¾			1	Dome	40-20	92		4/8	8 x 39 x 12	Opt., Wood	Blk.	46	3400.00 Each	
3dz	Theater	THX; 5 Aperiodic Sats. & Sub.	No	8	4	Cone	1¼	Dome	20-20 ±3	90	80,1.7k	6/4	Five Pieces	Blk.	Blk. Knit	175	5000.00 Sys.	
	Reference		No	4			1¼	Dome	60-20 ±2	90	1.7k	6/4	22 x 8 x 14	Opt., Wood	Blk. Foam	50	2500.00 Pair	
TIC INDUSTRIES	TS 10 B	Outdoor; Coaxial; Sealed	No	8			3	Piezo	50-20	90	4.5k	8/	15 x 20 x 12	Sim. Stone		15	219.99 Each	
	TS 11 B	Outdoor; Coaxial; Sealed	No	8			3	Piezo	50-20	90	4.5k	8/	20 x 20 x 12	Sim. Stone		16	249.99 Each	
	TS 5 A	Outdoor; Coaxial; Sealed	No	8			3	Piezo	40-20	91	4.5k	8/	10 x 17 x 12	Sim. Stone		11	169.99 Each	
	TS 6 A	Outdoor; Coaxial; Sealed	No	8			3	Piezo	40-20	91	4.5k	8/	14 x 18 x 12	Sim. Stone		11	184.99 Each	
	TS 6 B	Outdoor; Coaxial; Sealed	No	8			3	Piezo	50-20	90	4.5k	8/	14 x 18 x 12	Sim. Stone		12	199.99 Each	
	TS 7 A	Outdoor; Coaxial; Sealed	No	8			3	Piezo	40-20	91	4.5k	8/	12 x 16 x 12	Sim. Stone		11	174.99 Each	
	TS 9 A	Outdoor; Coaxial; Sealed	No	8			3	Piezo	40-20	91	4.5k	8/	14 x 14 x 12	Sim. Stone		11	179.99 Each	
TOBY	CC-94	Ctr. Ch.; Sealed	Yes	6½			1	Dome	60-18 ±5	87	3.5k	8/6	8 x 9 x 16	Blk. Epoxy	Blk. Knit	12	250.00 Each	
	RC-94	Surround Ch.	No	6½			1	Dome	60-18 ±5	87	2k	8/6	7 x 8 x 16	Blk. Epoxy	Blk. Knit	12	325.00 Pair	
	SS-94	Sats. & Sub.	Yes	10	6½	Cone	1	Dome	32-18 ±3	86	100,2k	8/5	Three Pieces	Blk. Epoxy	Blk. Knit	70	1000.00 Sys.	
	TS-97	Sats. & Sub.	No	10	(2)5¼	Cones	1	Dome	32-18 ±3	89	100,2k	8/5	Three Pieces	Blk. Epoxy	Blk. Knit	75	1200.00 Sys.	
TC-98	Bass Ref.	No	8			1	Dome	35-18 ±3	86	2k	6/5	10 x 10 x 50	Blk. Epoxy	Blk. Knit	50	700.00 Pair		
TOSHIBA	SST6200	Bass Ref.	No	6½			2	Dipole Ribbon	45-20 ±3	89	2.5k		32 x 8 x 10	Blk. Ash	Blk. Knit	22	750.00 Pair	
	SSC5300 SSW1020	Bass Ref. Powered Sub.	Yes No	(2)5¼ (2)10			1½	Ribbon	50-20 18-200 Hz	89	2.8k (Adj.)		18 x 6 x 14 31 x 16 x 18	Blk. Ash Blk. Ash	Blk. Knit	12 80	250.00 Each 750.00 Each	

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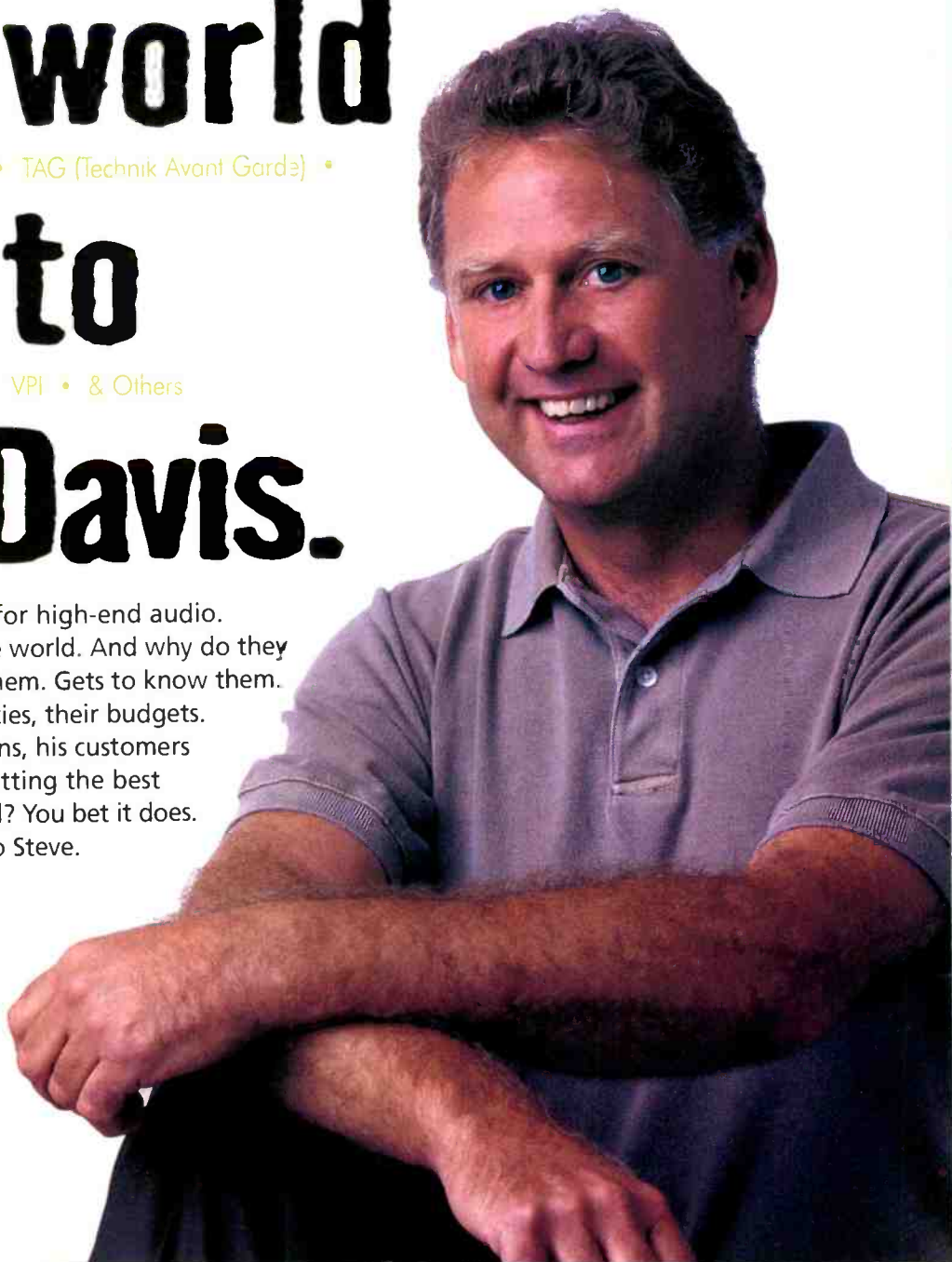
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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
TRIAD SPEAKERS	InWall Silver LCR/4	In-Wall; Front Ch., Sealed		(2)5½			1	Dome	80-20 ±3	90	3.2k	4/3	19 x 11 x 4		Metal	22	
	InWall Silver LCR/6	In-Wall; Front Ch., Sealed		(2)5½			1	Dome	80-20 ±3	90	3.2k	4/3	19 x 11 x 6		Metal	22	
	InRoom Bronze LCR	THX; Front Ch.	Yes	8	(2)3	Cones	1	Dome	80-20				10 x 19 x 7		Blk. Cloth	25	700.00 Each
	InRoom Bronze Center	THX; Ctr. Ch.	Yes	8	(2)3	Cones	1	Dome	80-20				19 x 10 x 7		Blk. Cloth	25	750.00 Each
	InRoom Silver LCR	Front Ch., Sealed		(2)5½			1	Dome	80-20 ±3	90	3.2k	4/3	19 x 11 x 6		Metal	19	800.00 Each
	InRoom Gold LCR	THX; Front Ch.		(2)6½			1	Dome	80-20 ±3	89	3.2k	4/3	17 x 9 x 8	Opt.	Metal	25	1000.00 Each
	InRoom Gold LCR Horz	Front Ch.		(2)6½			1	Dome	80-20 ±3	89	3.2k		22 x 8 x 9	Opt.	Metal	25	1150.00 Each
	InWall Gold LCR/10	THX; In-Wall; Front Ch.		(2)6½			1	Dome	80-20 ±3	89	3.2k	4/3	19 x 11 x 10		Metal	25	
	InWall Bronze Surround	THX; In-Wall; Surround		6½	(2)3	Cones	(2)½	Domes	80-20	83		4/3.4	14 x 14 x 4		Metal	14	650.00 Each
	InWall Silver Surround	THX; In-Wall; Surround, Sealed		(2)5½			(2)¼	Domes	85-20 ±3	90	2.6k	4/3	14 x 14 x 4		Metal	20	
	InWall Gold Surround	THX; In-Wall; Surround		(2)6½			(2)1	Domes	60-20	90	3k	4/4	14 x 19 x 4		Metal	35	1100.00 Each
	OnWall Bronze Surround	Dipole Surround THX; On-Wall; Surround		6½	(2)3	Cones	(2)½	Domes	80-20	83		4/3.4	13 x 14 x 4		Metal	14	600.00 Each
	OnWall Silver Surround	THX; On-Wall; Surround; Sealed		(2)5½			(2)¼	Domes	85-20 ±3	90	2.6k	4/3	14 x 14 x 5		Metal	20	900.00 Each
	OnWall Gold Surround	THX; On-Wall; Surround		(2)6½			(2)1	Domes	60-20	90	3k	4/4	13 x 18 x 6		Metal	35	1100.00 Each
	InWall THX Woofer	Dipole Surround THX; In-Wall; Sealed Woofer		(2)10					35-80 Hz ±3	85	80	4/3	19 x 14 x 12		Metal	45	
	InRoom THX Woofer	THX; Woofer		(2)10					35-80 Hz ±3	85	80	4/3	18 x 20 x 18	Granite	Blk. Cloth	70	1000.00 Each
	InWall Bronze Satellite	In-Wall; Sealed Sat.		4½			¾	Dome	110-20 ±3	89	2.5k	4/3	11 x 7 x 4		Opt.	7	
	InWall Silver Satellite	In-Wall; Sealed Sat.		5½			1	Dome	100-20 ±2.5	90	2.5k	8/6	12 x 8 x 4		Opt.	9	
	InWall Gold Satellite	In-Wall; Sealed Sat.		6½			1	Dome	72-20 ±2	87	2.5k	8/6	19 x 11 x 4		Opt.	14	
	InWall Omni	In-Wall; Ported Sat.		5¾			2¼	Cone	85-16 ±3	85	2.8k	8/6	12 x 8 x 4		Opt.	8	
	InWall Bronze/4 PowerSub	In-Wall; Sealed Servo Sub.		10					20-180 Hz +0, -3	90	50-180 (Adj.)	8/6	19 x 14 x 4		Metal	32	
	InWall Bronze/6 PowerSub	In-Wall; Sealed Servo Sub.		10					20-180 Hz +0, -3	90	50-180 (Adj.)	8/6	19 x 14 x 6		Metal	40	
	InWall Silver/4 PowerSub	In-Wall; Dual Encl.; Sealed Servo Sub.		(2)8					20-180 Hz +0, -3	88	50-180 (Adj.)	4/3	19 x 14 x 4		Metal	48	
	InWall Silver/6 PowerSub	In-Wall; Dual Encl.; Sealed Servo Sub.		(2)8					20-180 Hz +0, -3	88	50-180 (Adj.)	4/3	14 x 14 x 6		Opt.	50	
	InWall Gold/4 PowerSub	In-Wall; Dual Encl.; Sealed Servo Sub.		(2)10					20-180 Hz +0, -3	90	50-180 (Adj.)	4/3	19 x 14 x 4		Opt.	52	
	InWall Gold/6 PowerSub	In-Wall; Dual Encl.; Sealed Servo Sub.		(2)10					20-180 Hz +0, -3	90	50-180 (Adj.)	4/3	19 x 14 x 6		Opt.	52	
	InRoom Bronze Satellite	Sat.		4½			¾	Dome	110-20 ±3	89	2.5k	4/3	9 x 5 x 5	Opt.	Blk. Cloth	7	250.00 Each
	InRoom Silver Satellite	Sat.		5½			1	Dome	100-20 ±2.5	90	2.5k	8/6	11 x 6 x 6	Opt.	Blk. Cloth	11	350.00 Each
	InRoom Gold Satellite	Sat.		6½			1	Dome	72-20 ±2	87	2.5k	8/6	13 x 8 x 7	Opt.	Blk. Cloth	15	425.00 Each
	InRoom Bronze DualSub	THX; Powered Sub.	Yes	(2)12					20-150 Hz		Adj.		16 x 17 x 15		Blk. Cloth	70	1600.00 Each
	InRoom Bronze PowerSub	Powered Sub.		10					20-180 Hz +0, -3	90	50-180 (Adj.)	8/6	15 x 14 x 13	Opt.	Blk. Cloth	42	1000.00 Each
	InRoom Silver PowerSub	Powered Sub.		(2)8					20-180 Hz +0, -3	88	50-180 (Adj.)	4/3	16 x 17 x 16	Granite	Blk. Cloth	65	1250.00 Each
InRoom Gold PowerSub	Powered Sub.		(2)10					20-180 Hz +0, -3	90	50-180 (Adj.)	4/3	18 x 19 x 17	Granite	Blk. Cloth	80	1500.00 Each	
InRoom Platinum PowerSub	Sealed Servo Sub.		18					18-180 Hz +0, -3	91	50-180 (Adj.)	8/8	20 x 20 x 19	Opt.	Blk. Cloth	90	2000.00 Each	
TRIANGLE	Ozo	Bass Ref.		6¼			1	Dome	50-20 ±3	91	5k	4/4	17 x 9 x 12	Opt.	Blk. Knit	20	495.00 Pair
	Titus	Bass Ref.		5½			1	Dome	60-20 ±3	90	6.2k	4/4	12 x 8 x 11	Sienna	Blk. Knit	15	650.00 Pair
	Comete	Bass Ref.		6¼			1	Dome	50-20 ±3	91	4.5k	4/4	16 x 8 x 12	Sienna	Blk. Knit	19	795.00 Pair
	Lunn	Bass Ref.		6¼			1	Dome	50-20 ±3	91	5k	6/4	33 x 9 x 12	Sienna	Blk. Knit	33	950.00 Pair
	Zephyr	Bass Ref.		6¼			1	Dome	45-20 ±3	91	4k	4/4	36 x 9 x 12	Sienna	Blk. Knit	35	1195.00 Pair
	Antal	Bass Ref.		6¼	5½	Cone	1	Dome	40-20 ±3	91	400.4.2k	4/4	40 x 9 x 12	Sienna	Blk. Knit	44	1795.00 Pair
	Zays	Bass Ref.		(2)6¼	6¼	Cone	1	Dome	40-20 ±3	92	300.6k	4/4	45 x 11 x 11	Ash	Blk. Knit	75	2700.00 Pair
	Lyrr	Bass Ref.		(3)6¼	6¼	Cone	1	Dome	38-20 ±3	93	300.6k	4/3	47 x 10 x 12	Ash	Blk. Knit	80	3700.00 Pair
	Exlan	Bass Ref.		(3)6¼	6¼	Cone	1	Dome	38-20 ±3	92	250.6k	4/4	50 x 11 x 11	Mahogany	Blk. Knit	84	4600.00 Pair
	Oclant	Bass Ref.		(3)6¼	6¼	Cone	1	Dome	50-22 ±3	94	120.12k	4/4	59 x 17 x 4	Opt., Wood	Blk. Knit	93	7600.00 Pair
SAT I	Ctr. Ch.	Yes	(2)6¼			1	Dome	60-20 ±3	92	4.5k	6/4	20 x 8 x 12	Opt.	Blk. Knit	30	695.00 Each	
SAT II	Surround Ch.	No	6¼			1	Dome	120-20 ±3	91	4.5k	6/4	8 x 9 x 6	Sienna	Blk. Knit	8	395.00 Pair	
SAT III	Powered Sub.	No	(2)6¼			1	Dome	32-160 Hz ±3				21 x 12 x 20	Blk.	Blk.	50	1250.00 Each	
ULTIMATE SOUND	TWR-1200		Yes	12	6½	Cone	1	Dome	28-25 ±3	92	120,500.3k	8/3		Blk. Gloss	Blk. Metal	75	849.95 Each
	TTR-12		Yes	12	5	Cone	1	Dome	40-22 ±3	92	160,850.3k	8/3		Blk. Wal.	Blk. Knit	50	449.95 Each
	TTR-10		Yes	10	4	Cone	1	Dome	45-22 ±3	92	200,850.3k	8/3		Blk. Wal.	Blk. Knit	45	399.95 Each
	SW-1212 (w/remote)	Powered Sub.	Yes	12		Cone			22-150 Hz ±3		Var.	6/3		Blk. Wal.	Blk. Knit	55	499.95 Each
	SW-1010 (w/remote)	Powered Sub.	Yes	10		Cone			30-150 Hz ±3		Var.	6/3		Blk. Wal.	Blk. Knit	35	399.95 Each



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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS							Anechoic Frequency Response, Hz to kHz, $\pm$ dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest 1/8 inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type										
ULTIMATE SOUND (Continued)	SW-608 (w/remote)	Powered Sub.	Yes	8					45-150 Hz $\pm$ 3		Var.	6/3		Blk. Wal.	Blk. Knit	33	299.95 Each	
	ST-1010	Powered Sub.	Yes	10					35-150 Hz $\pm$ 3		Var.	6/3		Blk. Wal.	Blk. Knit	35	299.95 Each	
	ST-1212	Powered Sub.	Yes	12					25-150 Hz $\pm$ 3		Var.	6/3		Blk. Wal.	Blk. Knit	38	399.95 Each	
	SFS-802 SC-45	Ctr. Ch.	No Yes	8 4 1/2			1 1	Dome Dome	65-25 $\pm$ 3 100-25 $\pm$ 3			8/3 8/4		Blk. Wal. Blk. Wal.	Blk. Knit Blk. Knit	15 13	79.95 Each 99.95 Each	
U.S. ENCLOSURES	Mark 1	Egg-Shaped	No	6			1	Dome	32-22 +0,-3	89		8/8	16 x 18	Opt.	Blk. Knit	10	1599.00 Pair	
	Mark 2	Egg-Shaped	No	7			1	Dome	29-25 +0,-3	89		8/8	16 x 18	Opt.	Blk. Knit	10	1599.00 Pair	
	Mark 3	Egg-Shaped	No	7	5	Cone	1	Dome	29-25 +0,-3	89		8/8	17 x 21	Opt.	Blk. Knit	11	1899.00 Pair	
	Mark 4	Sealed	No	12					32-500 Hz	90		8/4	24 Dia.	Opt.	Blk. Knit	30	700.00 Each	
	Mark 4A	Spherical Sub. Ported	No	12					+0,-3 15.5-500 Hz	89		8/4	30 Dia.	Opt.	Blk. Knit	50	1100.00 Each	
Mark 5	Spherical Sub. Ctr. or Surround Ch.; Sphere	Yes		8	Cone			+0,-3 36-17	94		8/4	11 x 14	Opt.	Blk. Knit	10	320.00 Pair		
VANDER-STEEN AUDIO	Five	Powered, Biamped	No	12.7	4 1/2	Cone	1, 3/4	Domes	22-30 $\pm$ 3	87	100,600, 5k, 12k	6/4	14 x 20 x 42	Opt., Wood	Opt., Knit	225	9800.00 Pair	
	3A	Trans. Line Powered, Inf. Buf. Sub.	No	10.8	4 1/2	Cone	1	Dome	26-30 $\pm$ 3	89	500,5k	6/4	16 x 10 x 48	Opt., Wood	Opt., Knit	102	2795.00 Pair	
	2Ce Signature		No	10.8	4 1/2	Cone	1	Dome	28-29 $\pm$ 2	88	600,5k	8/4	16 x 10 x 40	Opt., Wood	Opt., Knit	71	1495.00 Pair	
	2Ce		No	10.8	4 1/2	Cone	1	Dome	29-29 $\pm$ 3	88	600,5k	8/4	16 x 10 x 40	Opt., Wood	Opt., Knit	70	1295.00 Pair	
	1C		No	8			1	Dome	38-20 $\pm$ 3	90	2.8k	8/6	12 x 10 x 36	Opt., Wood	Opt., Knit	50	715.00 Pair	
	2Wq	(3)8	No	(3)8				20-80 Hz $\pm$ 3				8/6	18 x 17 x 18	Opt., Wood	Opt., Knit	91	1250.00 Each w/Amp	
	VSM Signature	On-Wall; Coaxial	No	6 1/2			1	Dome	60-22 $\pm$ 2	88	3.8k	8/6	12 x 5 x 24	Opt., Wood	Opt., Knit	32	1395.00 Pair	
	VSM-1	On-Wall; Coaxial	No	6 1/2			1	Dome	60-21 $\pm$ 3	88	3.8k	8/6	12 x 5 x 24	Opt., Wood	Opt., Knit	31	895.00 Pair	
	VCC Signature	Ctr. Ch.; Coaxial	Yes	6 1/2			1	Dome	150-22 $\pm$ 2	86	3.8k	8/6	12 x 10 x 9	Opt., Wood	Opt., Knit	28	795.00 Each	
	VCC-1	Ctr. Ch.; Coaxial	Yes	6 1/2			1	Dome	150-21 $\pm$ 3	86	3.8k	8/6	12 x 10 x 9	Opt., Wood	Opt., Knit	27	495.00 Each	
V2W	Powered Sub.	No	12, (3)8					21-125 Hz $\pm$ 2			8/6	18 x 17 x 18	Opt., Wood	Opt., Knit	91	1250.00 Each w/Amp		
VECTOR RESEARCH	VRP-475	Sats. & Sub.	Yes	8	3 1/2	Cone	2 1/2	Cone	28-20 $\pm$ 3	90	150,3.5k	6/	Three Pieces	Blk. Vinyl	Blk. Alum.	26 Sys.	1099.00 Sys.	
	VRP-400	Sats. & Ctr. Ch.	Yes	(2)4	3 1/2	Cone	2 1/2	Cone	55-20	87		4/	Three Pieces	Blk. Vinyl	Blk. Alum.	22 Sys.	799.00 Sys.	
	VRP-1210	Powered Sub.	Yes	10					25-125 Hz $\pm$ 3	90	50-125 (Adj.)	8/		Blk. Vinyl	Blk. Knit	22 Sys.	799.00 Each	
VELODYNE ACOUSTICS	LD-2	Ctr. Ch.	Yes	6			1	Dome	80-20 $\pm$ 3	88	3k		14 x 8 x 9	Blk.	Blk. Knit	18	399.00 Each	
	LD-3C	Powered	Yes	(2)6			1	Dome	70-20 $\pm$ 3	89	3k		8 x 21 x 10	Blk.	Blk. Knit	32	649.00 Each	
	CT-80	Slotted-Port Sub.	Yes	8					35-120 Hz $\pm$ 3				15 x 12 x 16	Blk.	Blk. Knit	44	379.00 Each	
	CT-100	Powered, Slotted-Port Sub.	Yes	10					28-120 Hz $\pm$ 3				16 x 15 x 18	Blk.	Blk. Knit	53	499.00 Each	
	CT-120	Powered, Slotted-Port Sub.	Yes	12					25-120 Hz $\pm$ 3				18 x 15 x 19	Blk.	Blk. Knit	60	599.00 Each	
	CT-150	Powered, Slotted-Port Sub.	Yes	15					23-120 Hz $\pm$ 3				21 x 19 x 20	Blk. Vinyl	Blk. Knit	72	799.00 Each	
	VA-1210	Powered, Pas. Rad. Sub.	Yes	10					28-120 Hz $\pm$ 3				18 x 17 x 17	Blk.	Blk. Knit	56	799.00 Each	
	VA-1512	Powered, Pas. Rad. Sub.	Yes	12					22-120 Hz $\pm$ 3				19 x 18 x 19	Blk.	Blk. Knit	67	999.00 Each	
	VA-8100X	Powered, Pas. Rad. Sub.	Yes	8					35-120 Hz $\pm$ 3				16 x 15 x 15	Blk.	Blk. Knit	45	599.00 Each	
	VA-1012XII	Powered, Pas. Rad. Sub.	Yes	10					28-120 Hz $\pm$ 3				18 x 17 x 17	Blk.	Blk. Knit	56	799.00 Each	
	VA-1250X	Powered, Pas. Rad. Sub.	Yes	12					22-120 Hz $\pm$ 3				19 x 18 x 19	Blk.	Blk. Knit	67	999.00 Each	
	FSR-10 (w/remote)	Powered Servo Sub.	No	10					20-120 Hz $\pm$ 3				16 x 15 x 14	Opt.	Blk. Knit	50	1199.00 Each	
	FSX-12	Powered Servo Sub.	No	12					20-120 Hz $\pm$ 3				18 x 17 x 15	Blk.	Blk. Knit	60	1199.00 Each	
	FSR-12 (w/remote)	Powered Servo Sub.	No	12					20-120 Hz $\pm$ 3				18 x 17 x 15	Opt.	Blk. Knit	60	1299.00 Each	
FSR-15 (w/remote)	Powered Servo Sub.	No	15					18-120 Hz $\pm$ 3				22 x 20 x 15	Opt.	Blk. Knit	95	1699.00 Each		
FSR-18 (w/remote)	Powered Servo Sub.	Yes	18					15-120 Hz $\pm$ 3				24 x 21 x 19	Blk.	Blk. Knit	105	2399.00 Each		
HGS-12	Powered Servo Sub.	No	12					20-120 Hz $\pm$ 3				14 x 15 x 14	Blk. Gloss	Blk. Knit	51	1999.00 Each		
HGS-10	Powered Servo Sub.	No	10					20-120 Hz $\pm$ 3				12 x 11 x 11	Blk. Gloss	Blk. Knit	45	1599.00 Each		
VIDEOTON	Mini-Max	Inf. Buf.		5/4			1	Dome	70-20 $\pm$ 5	90		8/6	11 x 7 x 7	Blk.	Blk.	10	299.95 Pair	
	Preludium	Inf. Buf.		8			1	Dome	50-20 $\pm$ 3	90		8/6	9 x 10 x 9	Blk.	Blk.	28	599.95 Pair	
VIENNA ACOUSTICS	Center-Speaker	Ctr. Ch.; Ported	Yes	5 1/2			1	Dome	42-20	89		6/4	7 x 14 x 10	Opt., Wood	Blk. Silk	19	500.00 Each	
	Maestro	Ctr. Ch.; Ported	Yes	(2)5 1/2			1	Dome	35-22	90		6/4	21 x 7 x 11	Opt., Wood	Blk. Silk	23	995.00 Each	
	Haydn	Ported		5 1/2			1	Dome	42-20	89		6/4	7 x 14 x 10	Opt., Wood	Blk. Silk	19	895.00 Pair	
	Bach	Ported		7			1	Dome	38-20	90		6/4	8 x 33 x 10	Opt., Wood	Blk. Silk	34	1500.00 Pair	
	Mozart	Ported		(2)5 1/2	(2)5 1/2	Cones	1	Dome	35-22	90		6/4	7 x 38 x 12	Opt., Wood	Blk. Silk	44	2500.00 Pair	
	Beethoven	Ported		(2)8			1	Dome	30-22	90		4/3	8 x 40 x 14	Opt., Wood	Blk. Silk	54	4000.00 Pair	
VINCE CHRISTIAN LIMITED	Axis		No	(2)5	(2)4	Cones	(2)1	Domes	65-20 $\pm$ 1.5	93	150,5k	4/3	48 x 7 x 11	Stone	Gray Knit	82	7000.00 Pair w/Stands	
	Studio		No	5			1	Dome	65-20 $\pm$ 1.5	90	150,5k	8/7	24 x 7 x 10	Stone	Gray Knit	34	2200.00 Pair	
	Studio Minor		No	5			1	Dome	68-20 $\pm$ 1.5	90	5k	8/7	24 x 7 x 8	Stone	Gray Knit	28	3400.00 Pair	
	Bass Cubes	Sub.	No	8			1	Dome	-3 dB at 35 Hz	90	60	8/7	15 x 15 x 15	Stone	Gray Knit	35	2000.00 Pair	
VMPS (Continued)	QSO 626	Ported	Yes	(2)6 1/2			1	Dome	42-18	89	3.5k	4/4	22 x 9 x 13	Oak	Blk.	35	349.00 Each	
	QSO 626 SE	Ported	No	(2)6 1/2			1	Dome	40-18	89	3.2k	4/4	22 x 9 x 13	Oak	Blk.	40	599.00 Each	
	QSO 808	Ported		12	5	Cone	1	Dome	34-20 $\pm$ 3	94	600,5k	8/6	26 x 15 x 12	Oiled Wal.	Blk. Knit	50	758.00 Pair	
	QSO 404	Ported		8			1	Dome	48-17 +0,-3	90	3.5k	8/6	18 x 12 x 9	Oiled Wal.	Blk. Cloth.	25	229.00 Each	

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# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms, Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
VMPS (Continued)	Mini Tower IIa	Pas. Rad.	(2)10	5	Cone	(2)1	Dome, Piezo	28-30 +0,-3	92	500,4.5k, 15k	8/6	39 x 12 x 15	Opt., Wood	Blk. Cloth	70	479.00 Each	
	Tower II	Multiband Bass	(3)12	5	Cone	1,(1)	Dome, Piezo	22-50 ±3	95	80,400,4k, 12k	4/4	43 x 15 x 15	Oiled Wal.	Blk. Knit	95	1298.00 Pair	
	Tower II Special Edition	Multiband Bass	(3)12	5	Cone	1,2	Dome, Piezo	22-50 +0,-3	94	80,600,5k, 15k	4/4	15 x 16 x 45	Oak	Blk.	100	1876.00 Pair	
	Super Tower/R	Multiband Bass	(2)15, 12	(2)5	Cones	(2)1, (2)2	Ribbon Domes, Ribbons	20-50 ±3	96	80,400,4k, 12k	4/4	49 x 22 x 17	Oiled Wal.	Blk. Knit	150	1998.00 Pair	
	Super Tower/R Special Edition	Multiband Bass	(2)15, 10	(2)5	Cones	(2)1,2	Domes, Ribbons	20-50 +0,-3	94	80,600,5k, 15k	4/4	18 x 18 x 52	Oak	Blk.	175	3400.00 Pair	
	Super Tower III	Multiband Bass	15, 72		Ribbon	2	Ribbon	14-50 +0,-3	89	450,15k	6/6	76 x 19 x 17	Blk. Granite	Blk.	500	14,900 Pair	
	Special Ribbon Edition	Pas. Rad. Sub.		12				28-600 Hz ±3	92	Var.	8/6	26 x 15 x 16	Oiled Wal.	Blk. Knit	52	359.00 Each	
	Smaller Subwoofer	Pas. Rad. Sub.		12				19-600 Hz ±3	94	Var.	8/6	27 x 22 x 17	Oiled Wal.	Blk. Knit	95	459.00 Each	
	Original Subwoofer	Pas. Rad. Sub.		15,12				17-250 Hz ±3	95	Var.	4/3	39 x 22 x 17	Oiled Wal.	Blk. Knit	140	649.00 Each	
	Larger Subwoofer	Pas. Rad. Sub.		(2)12				26-300 Hz ±3	92	100	8/6	27 x 15 x 16	Oak	Blk.	85	459.00 Each	
	Dedicated Subwoofer	Dipole Surround		(2)6		(2)1	Domes	55-18 ±3	88	2.3k	4/4	12 x 8 x 7	Blk.	Blk. Cloth	22	349.00 Each	
	Surround FF1			(3)12	(2)6	Planar	(2)1,3	Domes, Ribbon	14-50 +0,-3	91	500,4.5k, 15k	4/4	68 x 15 x 17	Opt.	Blk. Cloth	350	6800.00 Pair
	FF3			(3)10	(2)6	Planar	(2)1,3	Domes, Ribbon	25-50 +0,-3	89	80,600,4k, 15k	4/4	64 x 13 x 17	Opt.	Blk. Cloth	300	4400.00 Pair
Ribbon Monitor One		No	(2)10	7	Ribbon	1	Ribbon	28-30	89	500,6k	8/5	39 x 12 x 15	Opt.	Blk. Knit	85	1480.00 Pair	
Ribbon Monitor Two		No	(2)12	14	Ribbon	(2)1	Ribbons	22-30	90	500,6k	8/6	45 x 15 x 17	Opt.	Blk. Knit	120	2200.00 Pair	
VOCE DIVINA	Tenore		No	7		1	Inv. Dome	42-22	91	3.2k	8/6	44 x 10 x 13	Opt., Wood		110	8495.00 Pair	
	Soprano		No	7		1	Dome	45-22	90	3.5k	8/6	12 x 9 x 13	Opt., Wood		40	4495.00 Pair	
	Basso Baritone	Isobaric Sub. Powered Isobaric Sub.	No	10			Dome	18-80 Hz	89		4/2	24 x 15 x 17	Blk.		125	2995.00 Each	
			No	8				20-80 Hz	88			23 x 11 x 13	Blk.		75	1995.00 Each	
VON SCHWEIKERT RESEARCH	VR-1100	Main Ch.; Vented	No	8	5½	Cone	(2)1	Domes	32-20 ±3	90	200,2k	8/6	8 x 16 x 40	Opt.	Opt.	70	1395.00 Pair
	VR-2100	Main Ch.; Vented	No	10	5½	Cone	(2)1	Domes	30-25 ±3	91	200,2k	8/6	8 x 16 x 42	Opt.	Opt.	80	1895.00 Pair
	LCR-11	Main or Ctr. Ch.	Yes	(2)5½			1	Dome	40-20 ±3	90	2k	8/6	21 x 7 x 7	Opt.	Opt.	10	595.00 Each
	LCR-21	Main or Ctr. Ch.	Yes	(2)5½			1	Dome	36-25 ±3	91	2k	8/6	20 x 10 x 7	Opt.	Opt.	15	795.00 Each
	LCR-31	Main or Ctr. Ch.	Yes	(2)7	5½	Cone	1	Dome	32-25 ±3	92	300,3k	8/6	12 x 10 x 28	Opt.	Opt.	25	1395.00 Each
	TS-110	Dipole Surround	No	5½	4	Coax Cone	(2)½	Cones	70-20 ±3	88	300	8/6	8 x 6 x 16	Opt.	Opt.	10	795.00 Pair
	TS-210	Surround Ch.; Multipolar	No	5½	4	Coax Cone	1,	Dome, Cones	60-25 ±3	90	300,2k	8/6	6 x 12 x 20	Opt.	Opt.	18	1195.00 Pair
	TS-310	Surround Ch.; Multipolar	No	10	5½	Cone	(2)½ (3)1	Domes	32-25 ±3	91	200,2k	8/5	7 x 16 x 42	Opt.	Opt.	85	2595.00 Pair
	Tower of Power	Powered Sub.	No	(2)10					16-100 Hz ±3		40-80		7 x 16 x 42	Opt.	Opt.	85	1695.00 Each
	VR-3	Main Ch.	No	10	5½	Cone	(2)1	Domes	26-25 ±3	87	175,3k	8/6	44 x 12 x 16	Opt.	Opt.	88	2395.00 Pair
VR-4 GEN II	Time Compensated	No	(2)8	5½	Cone	(2)1	Domes	20-25 ±3	90	200,3k	8/6	46 x 11 x 19	Opt.	Opt.	150	3950.00 Pair	
VR-5	Time Compensated	No	(2)9	5½	Cone	(2)1	Domes	20-25 ±3	90	200,3k	8/6	46 x 14 x 20	Opt.	Opt.	150	5950.00 Pair	
VR-6	Time Compensated	No	(2)9	(2)5½	Cones	(2)1	Domes	20-30 ±3	96	200,2k	8/6	48 x 16 x 26	Opt.	Opt.	180	12,500 Pair	
VR-8	Time Compensated	No	13,10	(2)5½	Cones	(2)1	Domes	16-30 ±3	96	200,2k	8/6	65 x 24 x 28	Opt.	Opt.	450	18,950 Pair	
VR-10	Time Compensated	No	(2)18, (4)10	(8)4½	Cones	(4)1, (2)½x4	Domes, Ribbons	10-50	96	50,200,2k, 10k	6/4	Four Pieces	Opt.	Opt.	2000	60,000 Sys.	
WATERWORKS ACOUSTICS	Sounding Soundpipe One	Under-Water Indoor/Outdoor; Sealed	No	5	8	Piezo	½	Dome	200-20 80-20 ±3	87	6k	8/ 8/	9 Dia. x 6 13 x 6 x 9	Plast. Opt.	Blk. Steel	16 5	1659.00 Each 399.00 Pair
	Soundpipe Two	Indoor/Outdoor; Sealed	No	(2)5			¾	Dome	80-20 ±3	90	3k	4/	23 x 6 x 9	Opt.	Blk. Steel	11	699.00 Pair
	Soundpipe Pump	Indoor/Outdoor; Sealed	No	5			½	Dome	80-20 ±3	87	6k	8/	15 x 6 x 9	Opt.	Blk. Steel	6	439.00 Pair
	Soundpipe Omni	Indoor/Outdoor; Sealed	No	4			(4)½	Domes	80-20 ±3	84	5k	8/	7 Dia. x 8	Opt.		7	349.00 Each
	Soundpipe Sub	Indoor/Outdoor; Sealed Sub.	No	10					30-100 Hz ±3	90	100	8/	16 Dia. x 18	Opt.		25	599.00 Each
	Soundrock	Outdoor; Sealed Fiberglass Rock; Stereo or 70-V Mono	No	8			(2)¾	Domes	40-20 ±3	90	5k	8/	16 x 26 x 21	Opt.		30	599.00 Each
WAVEFORM	Mach 17	Tuned Port	No	(2)12	6	Cone	1	Dome	27-17 ±1	91.5	325,1.85k	8/4	Four Pieces	Lacq. Wal.	Blk. Knit	255 Sys.	6995.00 Sys. w/Elec. Xover
WAVEFRONT ACOUSTICS	Columbine	Ported	Opt.	10	5	Cone	4½	Ribbon	32-25 ±3	90	600.5k	8/6	12 x 24 x 14	Blk. Oak	Blk. Knit	60	695.00 Pair; Kit, 495.00 From
	Aspen	Ported	Opt.	(2)9	(2)7	Cones	¾	Dome	30-25 ±3	95	300,3.5k	4/3	12 x 46 x 18	Opt., Wood	Blk. Knit	140	3995.00 Pair 20,000 Sys.
	Continental Divide	2 Ribbon Towers & 2 Sub. Towers	Opt.	15, (4)8	75	Ribbon	1	Dome	17-30 ±3	90	80,200.8k	8/6	Four Pieces	Wood	Blk. Knit	920 Sys.	
WAVELENGTH AUDIO	JPO Memorial	Ported	No		6¼				38-18 ±3	90		8/6	25 x 12 x 18	Opt.	Blk. Knit	45	1750.00 Pair
WESTLAKE AUDIO	TM-3F	Bass Ref.	(2)15	2	Compr. Horn	1	Compr. Horn	34-16	99		4/2	31 x 44 x 21	Wal. Ven.		346	30,750 Pair	
	TM-3VF	Bass Ref.	(2)15	2	Compr. Horn	1	Compr. Horn	34-16	99		4/2	44 x 34 x 21	Wal. Ven.		370	33,109 Pair	
	HR-1F	Bass Ref.	(2)15, 10	2	Compr. Horn	1	Compr. Horn	34-16	99		4/2	31 x 44 x 21	Wal. Ven.		365	36,499 Pair w/Active Xover	

(Continued)

# LOUDSPEAKERS

MANUFACTURER	Model	Application, Design Principle, Enclosure or System Type	DRIVERS						Anechoic Frequency Response, Hz to kHz, ±dB	SPL, 1 Watt/1 Meter, dB	Crossover Frequencies, Hz	Impedance, Ohms: Nominal/Minimum	Dimensions, Inches (To Nearest Inch)	Finish	Grille Color and Material	Weight, Pounds Each	Price, \$
			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
WESTLAKE AUDIO (Continued)	HR-1VF	Bass Ref.	(2)15, 10	2	Compr. Horn	1	Compr. Horn	34-16	99		4/2	48 x 34 x 21	Wal. Ven.		375	38,858 Pair w/Active Xover	
	SM-1VF	Bass Ref.	(2)18, 12	2	Compr. Horn	1 1/2	Compr. Horn, ST	20-20	101		4/2	57 x 42 x 28	Wal. Ven.		875	81,954 Pair w/Active Xover	
	SM-1F	Bass Ref.	(2)18, 12	2	Compr. Horn	1 1/2	Compr. Horn, ST	20-20	101		4/2	40 x 51 x 33	Wal. Ven.		600	78,997 Pair w/Active Xover	
	Lc6.75	Bass Ref.	6 1/2			3/4	Dome	60-18	87.5		7/5	16 x 8 x 10	Wal. Ven.		22	1659.00 Pair	
	Lc8.1	Bass Ref.	8			1	Dome	55-18	90.5		7/5	18 x 10 x 12	Wal. Ven.		31	2175.00 Pair	
	Lc8.1SW	Bass Ref. Sub. Ctr. Ch.; Bass Ref.	(2)10						90.5		5/2.5	28 x 14 x 15	Wal. Ven.		105	5999.00 Pair	
	Lc265.1	Bass Ref.	(2)6 1/2	5	Cone	1	Coax	48-18	91		5/3	9 x 22 x 11	Wal. Ven.		42	1875.00 Each	
	Lc3w10	Bass Ref.	10	5	Cone	1		42-20	88		5/3	12 x 22 x 13	Wal. Ven.		69	3838.00 Pair	
	Lc3w12	Bass Ref.	12	6 1/2	Cone	1		38-20	88		5/3	15 x 25 x 16	Wal. Ven.		80	4699.00 Pair	
	BBSM-4F	Bass Ref.	(2)4			3/4	Dome	65-20	89		4/2	8 x 15 x 10	Wal. Ven.		31	3250.00 Pair	
	BBSM-6F	Bass Ref.	(2)6 1/2	4	Cone	1	Dome	60-20	91		4/2	11 x 22 x 13	Wal. Ven.		67	4999.00 Pair	
	BBSM-8F	Bass Ref.	(2)8	4	Cone	1	Dome	65-18	93		4/2	13 x 26 x 17	Wal. Ven.		105	6139.00 Pair	
	BBSM-10F	Bass Ref.	(2)10	6 1/2	Cone	1 1/4	Dome	50-18	95		4/2	16 x 30 x 22	Wal. Ven.		150	7125.00 Pair	
	BBSM-12F	Bass Ref.	(2)12	6 1/2	Cone	1 1/4	Dome	50-18	97		4/2	19 x 34 x 23	Wal. Ven.		220	10,027 Pair	
	BBSM-15F	Bass Ref.	(2)15, 10			1	Compr. Horn	50-18	99		4/2	27 x 41 x 25	Wal. Ven.		465	21,997 Pair	
	BBSM-4VNF	Bass Ref.	(2)4			3/4	Dome	60-20	89		4/2	39 x 7 x 11	Wal. Ven.		65	4250.00 Pair	
	BBSM-6VNF	Bass Ref.	(2)6 1/2	4	Cone	1	Dome	44-18	91		4/2	41 x 10 x 14	Wal. Ven.		85	6149.00 Pair	
	BBSM-10VNF	Bass Ref.	(2)10	6 1/2	Cone	1 1/4	Dome	40-18	95		4/2	46 x 15 x 20	Wal. Ven.		165	8299.00 Pair	
	BBSM-12VNF	Bass Ref.	(2)12	6 1/2	Cone	1 1/4	Dome	38-18	96		4/2	48 x 17 x 22	Wal. Ven.		230	11,275 Pair	
	BBSM-15VNF	Bass Ref.	(2)15, 10			1	Compr. Horn	36-18	99		4/2	59 x 21 x 26	Wal. Ven.		520	23,997 Pair	
BB10-SWP	Bass Ref. Sub.	(2)18					26-2k	96.5		8/	30 x 29 x 24	Wal. Ven.		275	13,899 Pair		
Tower-12	Bass Ref.	(2)12				1	Compr. Horn	38-18	97		4/2.6	55 x 28 x 24	Wal. Ven.		350	22,475 Pair	
(Continued)	Tower-HR7	Bass Ref.	(2)12, 10			1 1/2	Compr. Horn, ST	32-20	96		4/2.6	60 x 27 x 25	Wal. Ven.		385	38,017 Pair	

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			Magnetic Shielding?	Woofer Diameter, Inches	Midrange Diameter, Inches	Midrange Type	Tweeter Diameter, Inches	Tweeter Type									
WESTLAKE AUDIO (Continued)	Tower SM-1	Bass Ref.		(2)18, 12	2	Compr. Horn	1 1/2	Compr. Horn, ST	20-20	101		4/2	75 x 40 x 30	Wal. Ven.		975	98.661 Pair
WHARFEDALE	Diamond 7.1	Ported	No	4 3/4			1	Dome	48-20 ±2	88		8/	12 x 8 x 8	Blk. Ash	Blk. Knit	11	199.98 Pair w/Plinth
	Diamond 7.2	Ported	No	4 3/4			1	Dome	40-20 ±2	89		8/	12 x 8 x 10	Blk. Ash	Blk. Knit	11	299.98 Pair
	Diamond Anniversary	Ported	No	4 3/4			1	Dome	40-20 ±2	89		8/	12 x 8 x 10	Opt., Wood	Blk. Knit	12	499.98 Pair
	Monitor MFM-3	Ported	No	7			1	Dome	33-20	89		8/	34 x 9 x 12	Opt., Wood	Blk. Knit	23	799.98 Pair
	Monitor MFM-5	Ported	No	7	7	Cone	1	Dome	30-20	90		8/	34 x 9 x 12	Opt., Wood	Blk. Knit	26	999.98 Pair
	Monitor MFM-7	Ported	No	(2)7	7	Cone	1	Dome	27-20	91		8/	39 x 9 x 15	Opt., Wood	Blk. Knit	32	1399.98 Pair
	Music Centre	Ctr. Ch.	Yes	(2)4 3/4			1	Dome	40-20	90		6/	7 x 20 x 8	Opt., Wood	Blk. Knit	12	399.98 Each
	Emerald 93	Ported	No	7			1	Dome	48-20	88		8/	19 x 9 x 11	Opt., Wood	Blk. Knit		899.98 Pair
	Emerald 95	Ported	No	7			1	Dome	46-20	88		8/	35 x 9 x 11	Opt., Wood	Blk. Knit		1399.98 Pair
	Emerald 97	Ported	No	7			1	Dome	40-20	89		8/	37 x 9 x 11	Opt., Wood	Blk. Knit		1799.98 Pair
	Emerald Centre	Ctr. Ch.	Yes	(2)4 3/4			1	Dome	60-20	90		8/	7 x 20 x 8	Opt., Wood	Blk. Knit	14	499.98 Each
	Valdus Centre	Ctr. Ch.	Yes	(2)4			1	Dome	65-20	90		8/	5 x 17 x 7	Opt., Wood	Blk. Knit	7	249.98 Each
	Topaz 10PSW	Powered Sub.	No	10			1	Dome	27-200 Hz	106		8/	14 x 18 x 14	Blk. Ash	Blk. Knit		399.98 Each
Topaz 12PSW	Powered Sub.	No	12			1	Dome	21-200 Hz	112		8/	16 x 21 x 14	Blk. Ash	Blk. Knit		599.98 Each	
Topaz 15PSW	Powered Sub.	No	15			1	Dome	20-200 Hz	113		8/	20 x 25 x 23	Blk. Ash	Blk. Knit		799.98 Each	
WILSON AUDIO SPECIALTIES	MAXX	Ported	No	13,11	(2)6 1/2	Cones	1	Inv. Dome	20-20	92	150,1.5k	4/4	27 x 16 x 57	Painted	Blk.	400	
	XS	Ported Sub.	No	(2)18			1	Dome	15-50 Hz	95	50	4/4	26 x 28 x 86	Opt.	Blk.	750	From 16,950 Each
	Cub	Ported	Opt.	(2)6 1/2			1	Dome	50-22 ±1.5	91	2.5k	4/4	10 x 19 x 22	Opt.	Blk.	80	From 5900.00 Pair
	WITT II	Ported	No	12	6	Cone	1	Inv. Dome	28-22 ±1.5	93	175,2.5k	4/4	17 x 16 x 43	Opt.	Blk.	230	From 11,890 Pair
	Watt V	Ported	No	7			1	Dome	55-22	91	2.5k		12 x 17 x 14	Opt.	Blk.	65	From 8610.00 Pair
	Puppy V.I	Ported Sub.	No	(2)8			1	Dome	26-125 Hz	91	125		24 x 11 x 18	Opt.	Blk.	95	From 8660.00 Pair
	Whow 3	Ported Sub.	No	15			1	Dome		93	55		16 x 30 x 40	Opt.	Blk.	From 270	From 10,945 Each
	X-1 Grand Slamm Series II	Ported	No	15,12	(2)6 1/2	Cones	(3)1	Domes	19-27	95		5/5	16 x 25 x 72	Opt.	Blk.	450	From 75,900 Pair
WAMM VII	2 Towers & 2 Sub. Towers	No	18, (2)13	(2)4	Cones	(9)5x5	ES					Four Pieces	Opt.	Blk.		From 156,000 Sys. w/EQ	
WILSON BENESCH	Act One	Modified Bass Ref.	No	7	7	Cone	1	Dome	28-20 ±2.5	89		8/4	40 x 9 x 14	Cherry	Blk. Knit	95	10,000 Pair
	Actor	Modified Bass Ref.	No	7	7	Cone	1	Dome	30-20 ±3	89		8/4	40 x 9 x 14	Cherry	Blk. Knit	65	6500.00 Pair
	Orator	Modified Bass Ref.	No	7	7	Cone	1	Dome	35-20 ±3	89		8/4	37 x 9 x 14	Cherry	Blk. Knit	50	4995.00 Pair
WOLCOTT AUDIO	Omnisphere MDH-2B	Ported; Omni	No	(4)6 1/2			1 1/4	Dome	30-18 ±3	90	1.8k	6/3	21 x 21 x 48	Blk. Lacq.	Foam	110	6250.00 Pair
WRIGHT	Grand Master	Trans. Line	No	(2)12	(2)6	Cones	1	Dome	20-24 ±2	92	100,3.8k	6/4	Two Pieces Per Side	Oak & Glass	Blk. Chiffon	430 Side	11,500 Pair w/Active Xover
	Aristocrat 20	Trans. Line Trans. Line	No	6 1/2			1	Dome	48-24 ±2	90	3.3k	8/7	45 x 11 x 11	Mirrored Oak	Blk. Knit	55	1150.00 Pair
			No	6 1/2			1	Dome	52-18 ±2	88	3.3k	8/7	46 x 10 x 10		Blk. Knit	52	750.00 Pair
YAMAHA	NS-E60	Surround Ch.	No		4	Cone			70-20	90		6/	7 x 9 x 4	Wht.	Wht. Knit	3	118.00 Pair
	NS-E103	Surround Ch.	Yes		4	Cone			70-20	87		6/	7 x 9 x 4	Wht.	Wht. Knit	3	118.00 Pair
	NS-A327	Sat.	Yes	3 3/2			3/4	Dome	150-22 ±3	87		8/	5 x 7 x 4	Wht.	Wht. Knit	2	149.00 Pair
	NS-A2837	Ac. Sus.	Yes	(2)8	4	Cone	1	Dome	50-20 ±3.5	92	4.2k,9.1k	8/	11 x 41 x 14	Blk.	Blk. Knit	37	199.00 Each
	NS-A1237	Ac. Sus.	Yes	12	4	Cone	1	Dome	35-20 ±3.5	92	3k,13.5k	8/	15 x 40 x 15	Blk.	Blk. Knit	40	199.00 Each
	NS-A837	Ac. Sus.	Yes	12	4	Cone	1	Dome	40-20 ±3.5	92	3k,13.5k	8/	15 x 23 x 15	Blk.	Blk. Knit	30	150.00 Each
	NS-A637	Ac. Sus.	Yes	8	4	Cone	3/4	Dome	90-20 ±3.5	91	6k,13.5k	8/	11 x 16 x 13	Blk.	Blk. Knit	14	150.00 Pair
	NS-A527	Ac. Sus.	Yes	6			3/4	Dome	95-20 ±3.5	90	5k	8/	8 x 12 x 9	Blk.	Blk. Knit	8	125.00 Pair
	NS-C150	Ctr. Ch.	Yes	(2)4			1	Dome		90		8/	24 x 6 x 8	Blk.	Blk. Knit	13	179.00 Each
	NS-AC142	Ctr. Ch.	Yes	(2)5 1/4			1	Dome		90		8/	19 x 7 x 8	Blk.	Blk. Knit	12	149.00 Each
	YST-SW300	Powered Servo Sub.	Yes	12					60-20 ±3.5	90	3.5k	8/	16 x 20 x 17	Blk.	Blk. Knit	57	399.00 Each
	YST-SW150	Powered Servo Sub.	Yes	(2)8					18-160 Hz		40-140 (Var.)		10 x 26 x 17	Blk.	Blk. Knit	40	399.00 Each
	YST-SW80	Powered Servo Sub.	Yes	8					20-160 Hz		40-140 (Var.)		10 x 19 x 15	Blk.	Blk. Knit	27	299.00 Each
	YST-SW40	Powered Servo Sub.	Yes	8					23-170 Hz		50-150 (Var.)		10 x 14 x 13	Blk.	Blk. Knit	18	229.00 Each
	CLS-100	5 Sats. & Powered Servo Sub.	Yes	10	4	Cone	1/2	Dome	25-22	88	50-150 (Var.)	6/	Six Pieces	Blk.	Blk. Knit	72 Sys.	699.00 Sys.
NS-AP150	Ctr. & Surround Ch.	Yes	(4)5			(3)3/4	Domes	80-20 ±3.5	90	3.5k,6k	8/	Three Pieces	Blk.	Blk. Knit	27 Sys.	179.00 Sys.	
NS-AP101	Ctr. & Surround Ch.	Yes	(4)5			2	Cone	70-20 ±3.5	90		8/	Three Pieces	Blk.	Blk. Knit	13 Sys.	149.00 Sys.	
YANKEE AUDIO	FPR-78	Planar Ribbon	No		1658 Sq. In.				22-20	88	None	4/4	78 x 36 x 3	Opt., Solid Wood	Blk. Knit	225	19,800 Pair
	FPR-72 MkIII	Planar Ribbon	No		1020 Sq. In.				29-20	88	None	3/3	72 x 30 x 3	Opt., Solid Wood	Blk. Knit	135	From 12,000 Pair
	FPR-V	Planar Ribbon & Vented Woofer	No	8		708 Sq. In.		Planar Ribbon	27-20	90	90	4/4	73 x 24 x 23	Opt., Solid Wood	Blk. Knit	135	6500.00 Pair
	FPR-III	Planar Ribbon & Vented Woofer	No	6 1/2		531 Sq. In.		Planar Ribbon	35-20	90	125	4/4	73 x 20 x 18	Opt., Solid Wood	Blk. Knit	100	4400.00 Pair
	FPR-VII	Planar Ribbon & Vented Woofer	No	6 1/2		280 Sq. In.		Planar Ribbon	35-20	90	160	4/4	73 x 20 x 16	Opt., Solid Wood	Blk. Knit	85	2200.00 Pair

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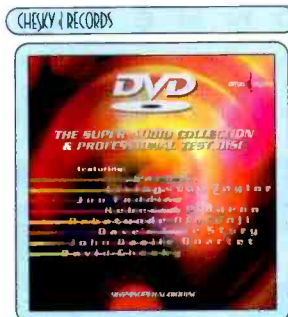
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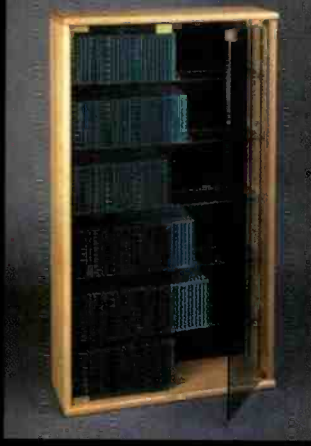
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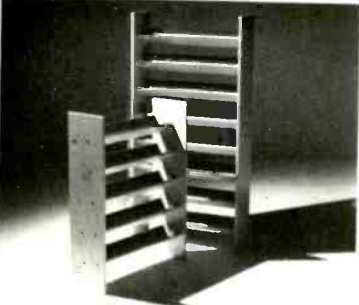
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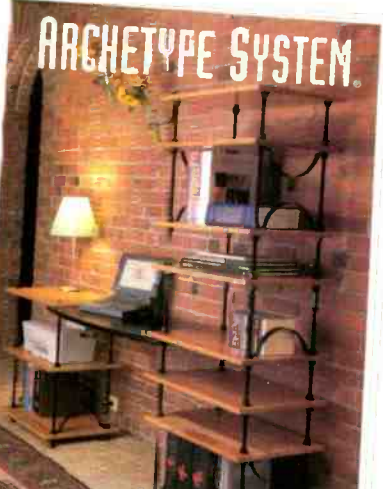
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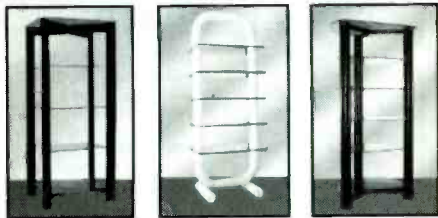


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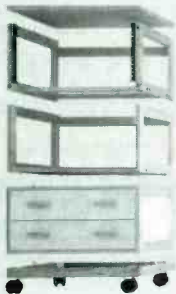
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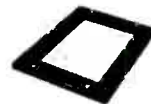
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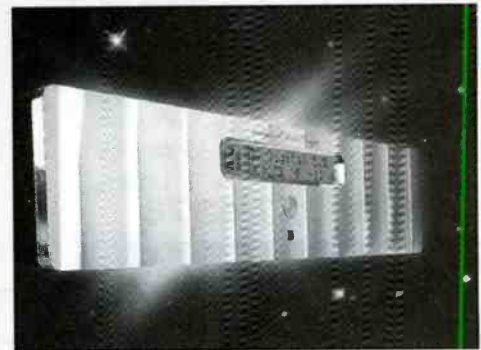
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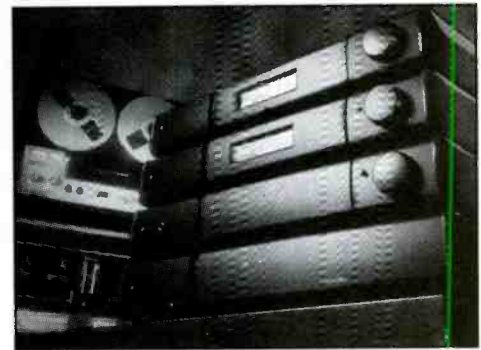
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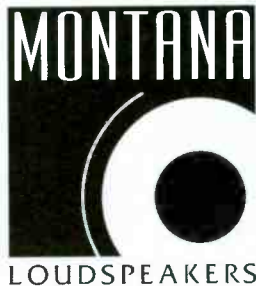
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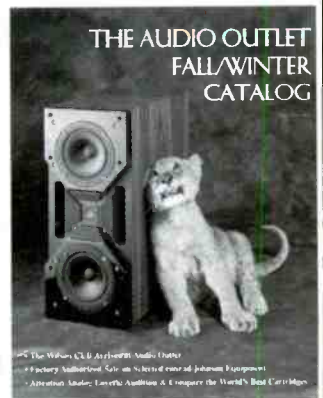
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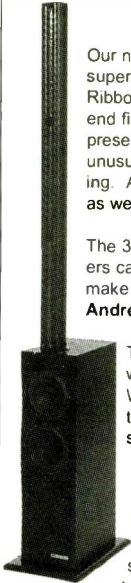
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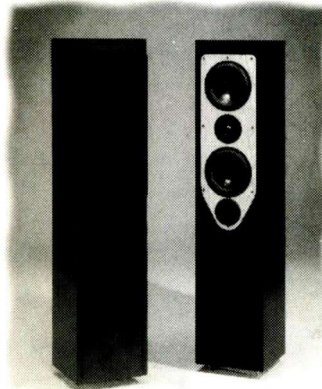
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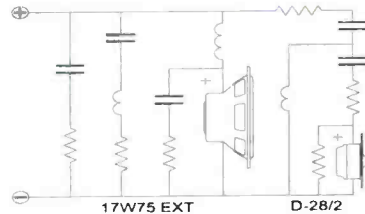
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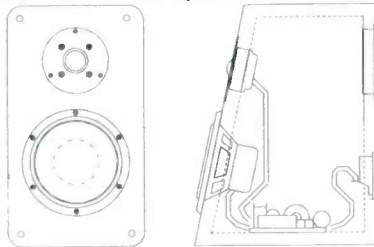
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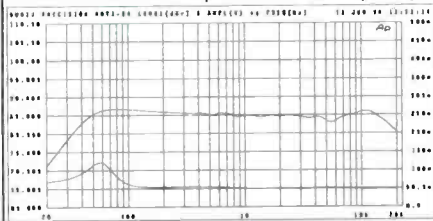


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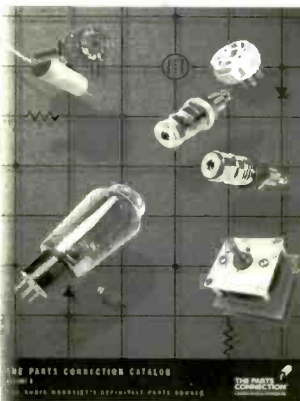
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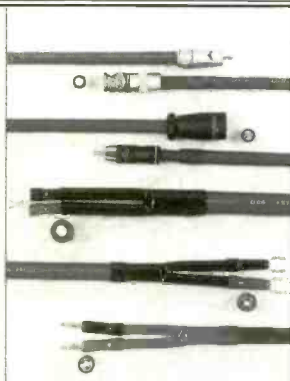
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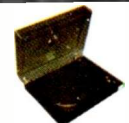
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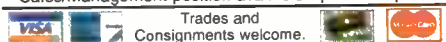


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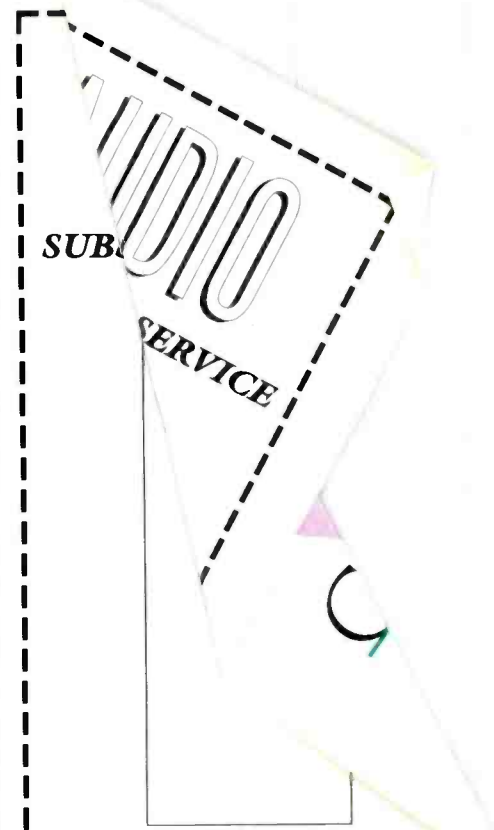
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## CARVER DD-5.1 DOLBY DIGITAL PROCESSOR/PREAMP

The \$1,299.95 Carver DD-5.1 Dolby Digital (AC-3) decoder is unusually versatile. Because it has 5.1-channel analog inputs as well as outputs, you can use it upstream of a Dolby Digital-ready surround receiver or downstream of a surround preamp. And if you have only digital sources, its source selector and digital volume control enable you to use it as a basic preamp by itself.

The DD-5.1 has separate coaxial inputs for PCM and AC-3 signals, an RF input jack for Dolby Digital from laserdisc players, and an optical input jack for AC-3 or PCM signals. An automatic signal selector finds the active source, but you can also select inputs manually. Six 20-bit DACs feed the 5.1-channel analog output jacks and a DB-25 connector; analog input signals are just fed through to these outputs, unprocessed.

The decoder section has the usual Dolby Digital features,



including a switchable dynamic-range compressor. About the only thing the Carver lacks is video

**GRADE: A-**

source switching. All front-panel controls are duplicated on the remote.

I found the DD-5.1 to be a wonderful, high-end AC-3 and PCM digital source preamp. With a Dolby Digital laserdisc player and DVD player as sources, the Carver sounded cleaner and more detailed than first-generation Dolby Digital preamps I've auditioned. And music DVDs and CDs also sounded very good.

My only complaint with the Carver is that the test-signal generator switched channels so fast that my sound level meter barely had time to lock on to a reading, and there's no manual switching for it. There's also no dedicated subwoofer setup signal.

Overall, though, the Carver DD-5.1 is an excellent sounding, feature-filled Dolby Digital processor and basic preamp for home theaterphiles. Highly recommended. (Carver: 15300 Woodinville-Redmond Rd., Woodinville, Wash. 98072; 425/482-3400; www.carver.com.) **John Gatski**

For literature, circle No. 220



## SILVERLINE SR 12 SPEAKER

At a recent hi-fi trade show, I was lured into a demo room by such nice, full sound that I was surprised to find it all coming from a pair of minispeakers—the Silverline SR 12s. Priced at a not-so-mini \$695 per pair, the SR 12s measure in at only 11 inches tall by 6 inches wide by 8 inches deep. Each contains a 4½-inch woofer and a 1-inch titanium-dome tweeter. The cabinet is ported through its rear panel, which also carries bi-wirable speaker-cable connectors. Frequency response is rated from 45 Hz to 25 kHz, to -3 dB. Sensitivity is rated at 87 dB, and recommended power is 25 to 200 watts. The cabinet is of solid medium-density fiberboard with a laminated briarwood finish. Each speaker weighs 12 pounds.

In my listening room, I tried the SR 12s with a couple of amps but settled in on my vintage McIntosh MC275. Placed at about ear height on stands, these small speakers filled up my

**GRADE: A-**

medium-size room nicely. On jazz recordings, the percussion was quite detailed without sounding sizzly, and vocals were projected all the way out to my listening position 9 feet away. (On other small monitors I have tried in this room, vocals could get somewhat lost when I moved more than a yard or so from the speakers.)

There was some bass emphasis between about 80 and 100 Hz, but the effect was lessened by moving the speakers farther from the front wall. The bass below 60 Hz was as good as one could expect from such a small bass driver and cabinet. Couple the Silverline SR 12s with a good sub and crossover and you'll have a killer system. Even alone they're darn good. (Silverline Audio Technology, Inc.: 1170 Burnett Ave., Suite A, Concord, Cal. 94520; 925/825-3682; www.silverlineaudio.com.) **John Gatski**

For literature, circle No. 222

## DELOS DVD MUSIC BREAKTHROUGH

Delos' \$19.98 *DVD Music Breakthrough* (DV 7002) carries a lot more music than the earlier *DVD Spectacular* (the still available DV 7001) but none of the latter's test signals, which could mostly be used without instruments. The *Breakthrough* DVD is, barring on-screen notes and a list of Delos audio DVDs, all music with 16 classical and pops-concert selections in Dolby Digital surround.

The selections, all recorded by John Eargle, the company's recording director, were taped in Oregon, Texas, Monte Carlo, New York City, and New Jersey. With only one exception, each successive track was recorded in a different venue to help you appreciate how discrete five-channel surround can reveal

**GRADE: A**

the nuances of each hall's acoustics. The recordings are straightforward, with the instruments up front and only ambience in the surround channels—with one exception. In the hymn from the Berlioz *Te Deum*, the organ comes from the rear, as it did in the original 1855 performance. Even though I'm a veteran of the quadraphonic era, I wasn't really convinced how much surround could add to classical music until I heard this disc; now, I am. Other aspects of recording quality and performance were, as usual for Delos, excellent.

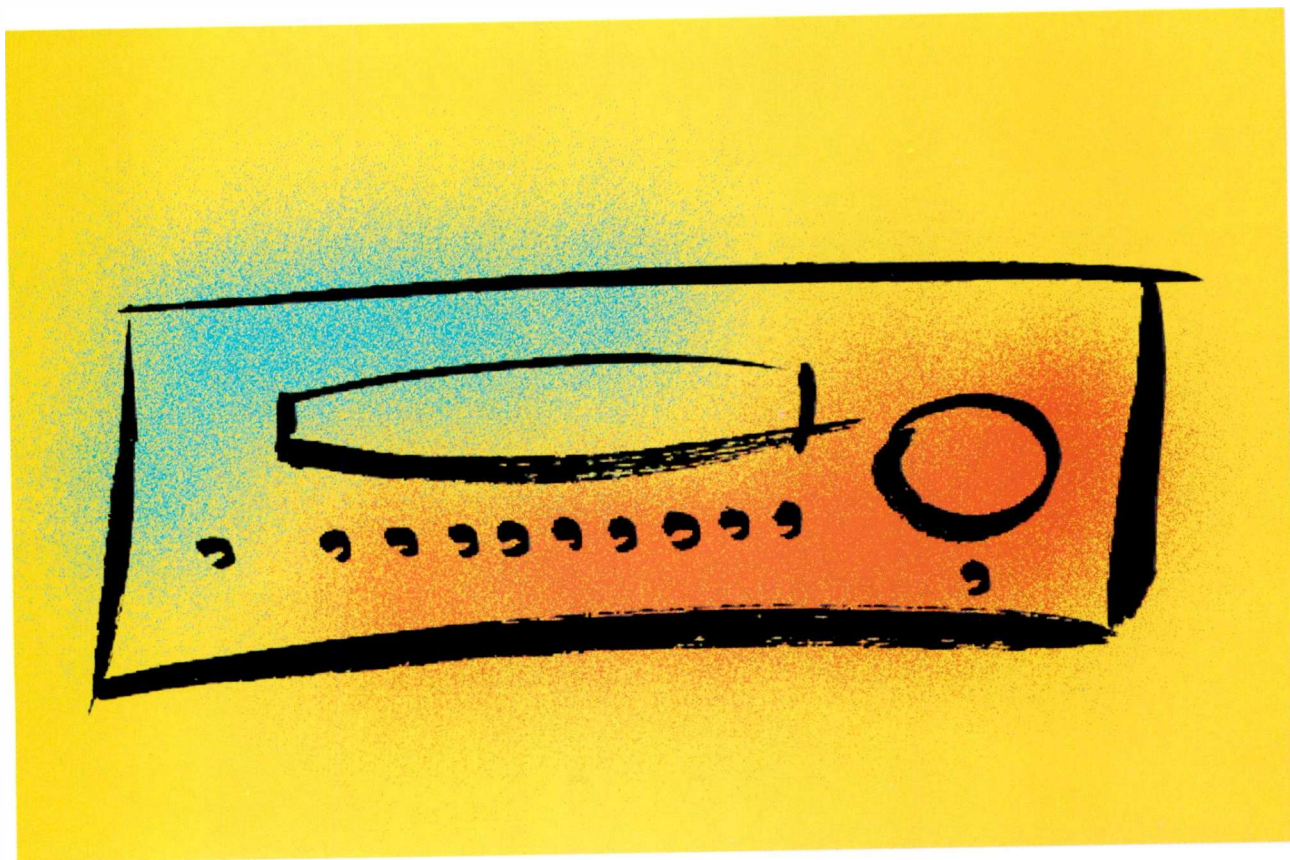
The booklet accompanying *DVD Music Breakthrough* is in English, French, and (near as I can tell) Japanese, Chinese, and Korean; it tucks neatly into the usual DVD kee-oh that will prevent you from accidentally losing this disc among your CDs. (Delos International: 1645 North Vine St., Suite 340, Hollywood, Cal. 90028; 213/962-2626; www.delosmus.com.)

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DIGITAL

GTP - 740

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jazz club  
5-chan. stereo  
2-chan. stereo



full  
75%  
50%  
25%

surround mode

dialog enhance

dynamic range

CINEMA

1 2 3 4

FM/AM seek/manual

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