

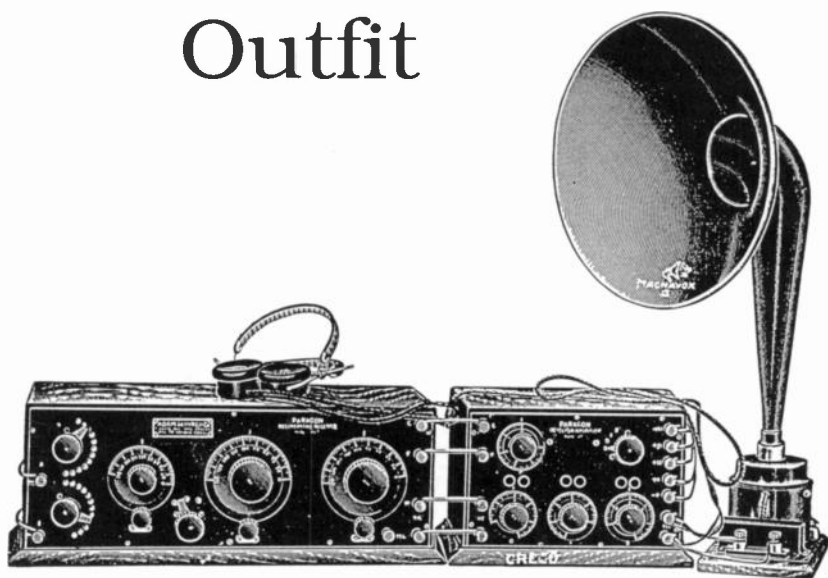


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NUMBER 8

Paragon Regenerative Receiver Outfit



A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS
OF OLD RADIOS AND RELATED ITEMS — PUBLISHED MONTHLY

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1/8	2 5/8 x 3 9/16		1 5/8 x 2 1/4		33.00	88.00	152.00	264.00	8.50†
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EDITOR'S COMMENTS

The times they are a-changin' — so fast that yesterday's technology becomes obsolete overnight. Today in a matter of minutes, we can reach out to people in most corners of the earth via telephone and the Internet. Vast stores of information are available to us as quickly as we can access the nearest computer terminal.

Perhaps this technological avalanche is one of the reasons old radios have so much appeal. Unlike those seemingly cold, complex cyber-machines, old radios seem to us to be warm, often beautiful, and technically within reach of our home workshop.

Still, in our lead article on Paul Godley and his Paragon receiver, Henry Rogers reminds us that 75 years ago radios were technological marvels too, and their creators worked hard at taking them into their next phase of development. Because Godley and others like him struggled to make intercontinental communication easy, we now live in this amazing "Informational Age." Nevertheless, it's interesting to note that radio waves via satellites and microwave relays remain the medium for many of these worldwide connections.

Also in his article, Henry Rogers covers Godley's days at Adams Morgan where he designed the pre-World War I Paragon RA-6, as well as the postwar RA-10 receiver and DA-2 detector/amplifier. Henry's description of his own operating tests using the RA-10 and DA-2 makes very good reading.

If you collect automobile radios, or perhaps have a vintage 1930s car, you will enjoy Ed Paski's article on the Atwater Kent Model 91 car radio. Ed found one in the late 1960s and only recently decided to get it working. It is interesting to observe that the problems in adapting tube radios to the automobile environment of hot and cold temperature, vibration, and electrical noise (spark plugs and ignition circuitry act as broad-band spark transmitters) had to be solved again when solid-state automobile radios were introduced in the mid-1950s.

In another report on one of his favorite topics, tombstone radios, Richard Arnold describes the Philco Model 116B. This large tombstone was built in 1936 and tunes five bands.

Since we are without an auction report this month, we have space for Daniel Schoo's detailed and comprehensive article on soldering. This seemingly mundane task actually is an involved subject. Improper soldering technique can result in an inoperative radio, or, in the case of a repair, permanent damage to a valuable historical artifact.

Daniel covers the selection of soldering irons and equipment, the soldering process, the choice of solder flux, and the inevitable task of unsoldering. Some of you may not be aware that there are aids to unsoldering, such as solder wicking material and a device known as a solder sucker.

Our Photo Review pages include an interesting

Fada, 2-band, AC/DC set and a crystal set manufactured by Carter Mfg. Co. with an unusual, and matching, 2-tube amplifier. *Radio Miscellanea* includes letters from a very happy new subscriber and a "radio dreamer," as well as information about Shaw Television. Also this month, we have short follow-up articles on testing capacitors by Everett Hoard and more on Chet Gehman's circuit oddity.

Coming Radio Events. Radio collectors — prepare yourself for the upcoming, back-to-back, radio meets in Elgin, Illinois, on August 28-31, and in Rochester, New York, on September 4-7. Of course, the best way to make preparations would be to attend one (or more) of the other over three dozen events in the month of August.

The Antique Radio Club of Illinois' Radiofest '96 begins on Wednesday with the first of a 3½-day flea market. Thursday adds an old equipment contest and visits to the Muchow Museum where thousands of radios are on display. Thursday night is the awards banquet and Friday features the main auction. In addition, several presentations on radio topics are scheduled.

The Antique Wireless Association's 35th Historical Radio Conference begins on the following Wednesday with a theme of "100 Years of Atwater Kent." This event also features a 3½-day flea market, as well as 4 auctions, and programs on Atwater Kent, RCA, the Fleming valve, among others. Trips to the A.W.A. Museum, an old equipment contest, and a banquet round out the event. An indoor book fair, including A.R.C., will run throughout all days.

If you are a flea-market hound, plan to be ready to browse at daybreak on Wednesday at either of these events. Although Thursday and Friday are still good buying days, the activity is less than on the first day. And during the auction and on Saturday morning, only a few sellers are still set up.

A.R.C. intends to be at both of these largest-in-the-U.S. activities, so stop by our tables, either outdoor or indoor, and say, "hi."

Happy Collecting!

John V. Terrey, Editor

ON THE COVER

Our cover, which relates to this month's lead article, is an illustration of a "Paragon Regenerative Receiver Outfit," taken from the Rudolph Schmidt & Co., Rochester, N. Y., *Wireless Manual and Catalogue of Radio Telegraph and Telephone Apparatus, Number One*. This outfit consists of a Paragon RA-10 amplifier, selling at \$75; a DA-2 detector-amplifier, at \$65; and an R-3 Magnavox, at \$45. The catalogue, from your editor's collection, is a 6" x 9", 208-page book, complete with information for the beginner about wireless telegraphy and telephony. The company's stated goal was "to enable anyone to select easily and intelligently the material required."

WITH THE COLLECTORS

Paul Godley and his Paragon Receiver

BY HENRY ROGERS

Paul Godley was successful in both commercial radio and Amateur Radio endeavors. In this article, Henry Rogers tells about Godley's connection with the Adams-Morgan Company's Paragon radios, as well as his participation in the historic transatlantic tests of Amateur Radio. Rogers also reports on the results of his personal listening tests with the Paragon radio. (Editor)



Figure 1. The Paragon RA-10 regenerative shortwave tuner.

Seventy-five years ago, Paul Godley was in his equipment tent located on Ardrossan Moor, Scotland. Seated in front of his superheterodyne receiver, he tuned its controls listening for amateur radio signals originating from the United States. Godley had been sent to Ardrossan by the American Radio Relay League (ARRL) to demonstrate that Amateur Radio had developed to a level where transatlantic communication would soon be possible. This is Godley's story, centering around his Paragon receiver and the transatlantic test.

GETTING STARTED

Paul Godley was born in Garden City, Kansas, in 1889. He became interested in wireless after entering Defiance College. His first job was as an

operator at a commercial wireless station in Chicago, but by 1913, he was installing wireless stations in Brazil for the "Amazon-to-the-Andes" service.

After returning to the United States, Godley met Edwin H. Armstrong, who was then president of the Radio Club of America. Armstrong related how he had been reliably receiving the Brazilian stations with his new, regenerative detector. Armstrong was not particularly interested in developing his detector for amateur use — that is, so it would work on shortwaves. However, Godley was enthusiastic, and by using variometers to tune both the grid and plate circuits, he went ahead on his own to develop the first shortwave regenerative receiver.

Wanting his new receiver to be built commercially and to profit from the venture also, Godley approached the Adams-Morgan Company of Upper Montclair, New Jersey. He offered to buy into the company as an equal partner if it would produce his receiver. Since Adams-Morgan Company was supplying only amateur wireless parts at the time, the company accepted the offer, and the first Paragon receiver became a reality. Dubbed the RA-6, it sold for \$35 in 1916 and was quite popular with wireless amateurs, outperforming all the nonregenerative competition.

When the United States became involved in World War I, Godley went to work for Ameri-

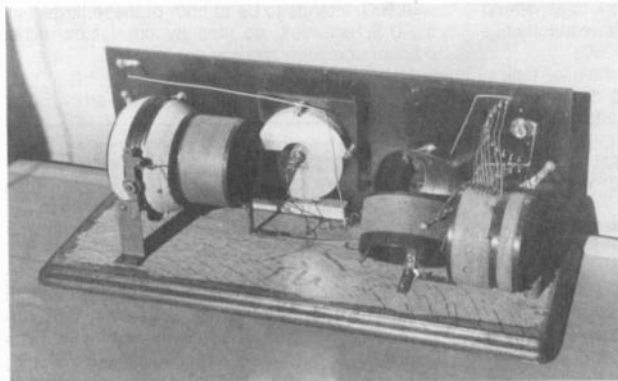


Figure 2. The RA-10 interior showing the unique mounting of its components.



Figure 3. The DA-2 detector/amplifier.

can Marconi in New Jersey, where he was in charge of receiver design. After the war, it was back to Adams-Morgan Company to produce more RA-6 receivers. By this time, the RA-6 was somewhat dated so Godley designed an updated version called the RA-10. The new RA-10 was ready for release in October 1920, to be sold exclusively by Continental Radio and Electric Company.

THE RA-10/DA-2

The RA-10, shown in Figures 1 and 2, reflected the progress that receiver design had reached by 1920. For example, the grid variometer of the RA-6 was replaced by a tunable condenser, and the plate variometer body was now made of molded Bakelite instead of wood. As with most wireless receivers, the RA-10 shows the importance designers like Godley placed on effective tuning of the antenna circuit.

Due to the weak signals normally encountered by amateur operators, maximum transfer of energy from the aerial is highly desirable. The RA-10 accomplishes this transfer with multiple taps, both finely and coarsely adjusted, on the primary coil. The secondary coil rotates within the primary coil, acting as the variable coupling which controls the receiver's selectivity. The secondary load coil is mounted on the variometer which helps the RA-10 regenerate on lower frequencies. The secondary condenser tunes the receiver, and the plate variometer controls regeneration.

Like the RA-6, the RA-10 is a

tuner only, so the operator has to furnish his own detector and audio amplifiers. The RA-10 instruction manual includes schematics for suitable detectors and amplifiers.

It was March of 1922 before Adams-Morgan supplied a matching detector-amplifier, the DA-2, shown in Figures 3 and 4. When the DA-2 is connected to the RA-10, the operator then has a complete receiver — a regenerative detector with two stages of transformer coupled audio amplification.

The switch at the upper right of the DA-2 controls the filament operation, selecting either detector alone or one or two stages of audio amplification. The potentiometer at the upper left controls the detector plate voltage. The remaining controls are rheostats that adjust the filament voltage of each vacuum tube.

Adams-Morgan Company wanted a high quality, but functional, look for the Paragon. On both units the panels are oil-rubbed, brushed formica, and the cases are quarter-sawed oak, finished black. All metal hardware is nickel plated.

THE TRANSATLANTIC TEST

Paul Godley was also an accomplished Amateur Radio operator. Consequently, in 1921, the American Radio Relay League (ARRL) dispatched Godley to Great Britain to conduct tests of transatlantic radio transmission. The possibility of trans-

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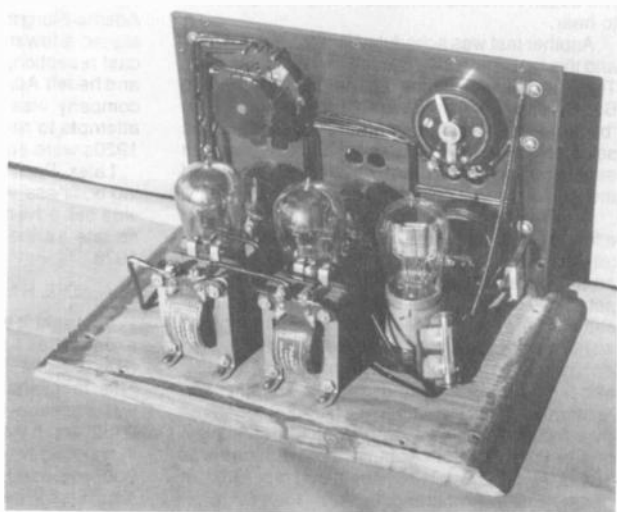
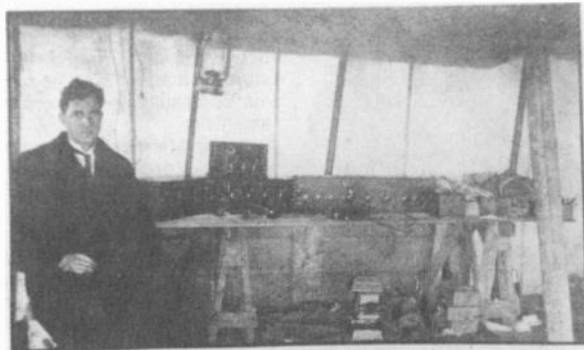


Figure 4. The DA-2 interior. Note the nonoriginal gridleak and by-pass condensers.



IN GODLEY'S TENT, ON THE SHORES OF SCOTLAND

Figure 5. Paul Godley in the equipment tent at Ardrossan Moor, Scotland. The RA-10 is immediately to Godley's left. (From the 1936 ARRL "Radio Amateur's Handbook.")

(Godley and his Paragon Receiver, continued)

mitting Amateur Radio signals across the Atlantic had been envisioned by members of the ham radio community before World War II. A practical step to this end was taken by Milton B. Sleeper, editor of *Everyday Engineering*.

Sleeper formulated a plan for a 1919 transatlantic test to see if American amateur signals actually could be received in Britain. By 1920, *Everyday Engineering* was in financial difficulty and suspended publication; however, Sleeper convinced the ARRL to continue with the plan for the transatlantic test.

The first test took place on February 1, 3, and 5, 1921, and was a complete disaster. The British, using regenerative receivers, interfered with each other. Additionally, commercial station harmonics and atmospheric noise made any of the two dozen American amateur stations impossible to hear.

Another test was scheduled for December 1921, and this time the ARRL wanted to assure success. They proposed sending an American expert to Britain with the best available equipment — to "back-up" the British amateurs. Paul Godley was selected to journey to Britain as the American expert, and on November 15, 1921, he was aboard the *Aquitania* as it sailed from New York.

Arriving in early December, Godley conducted a few preliminary tests in London, and then he left for Ardrossan Moor, at the very edge of the sea on the coast of Scotland. On December 6th, he set up his tent to protect his equipment and himself from the icy wetness of the constant fog and went to work tuning his superheterodyne receiver. By midnight, Godley was receiving the first transatlantic signals, and at 1:42 A.M. the first confirmed American call — 1AAW — blasted over the static with a strong signal. Interestingly, one of the most consistently heard stations was 1BCG in Greenwich, Connecticut, operated in part by Edwin Armstrong.

In all, over thirty American hams were heard by Godley using his superhet receiver. Subsequent Adams-Morgan advertising implies that the Para-

gon was the only receiver used during these tests. Obviously, the RA-10 and a detector amplifier that might have been a DA-2 prototype were set up in the equipment tent. In Figure 5, notice that the RA-10 and a possible prototype DA-2 are immediately to Godley's left. However, the ARRL sources say that Godley's superhet received the first transatlantic signal.

Through the adversity of the Scottish weather, Godley operated the receiving station on Ardrossan Moor for ten days, usually with just one witness present. On December 16, he shut down, packed up the station, and left for London the following day.

AFTER ANDROSSAN MOOR

Alfred Morgan had never had a friendly relationship with Paul Godley, and certainly their work together was out of necessity to produce wireless receivers. With Godley in Scotland, Morgan had the perfect opportunity to change this uncomfortable situation. Although they had agreed to an equal partnership that could not be altered without the consent of all, in a totally unexpected move, Morgan bought out Adams and became the majority shareholder of Adams-Morgan Company.

As a result, Godley was left in the position of minor partner in a company that he had helped develop. His designs were being sold and others were in the process of being released for production, so it is not surprising that he temporarily resigned and sought to have the courts resolve the Morgan-Godley dispute.

By June of 1922, the courts had forced an agreement which allowed Godley to return to Adams-Morgan Company once more. He designed a few more receivers, primarily for broadcast reception, but the end was surely apparent, and he left Adams-Morgan in 1924. By 1925, the company was no longer doing business. Some attempts to revive the Paragon name in the late 1920s were equally unsuccessful.

Later, Paul Godley started his own engineering business — Paul Godley Company — which was still advertising in the electronic magazines as late as the mid-1950s. Paul Godley died in 1973.

THE RA-10/DA-2 PERFORMANCE

I thought it would be interesting to include my experiences operating the set, shown in Figure 6 (RA-10 Serial No. 812 and DA-2 Serial No. 383). This functional receiver is in original condition with the exception of the mica condensers in the DA-2, which were probably replacements installed in the mid-twenties. A soft detector, Type UV-200, was used, along with two Type UV-201 hard amplifiers. Power supplies furnished the filament and plate voltages, and the antenna was an inverted "L" eighty feet long.

It is best to start off with some controls preset.

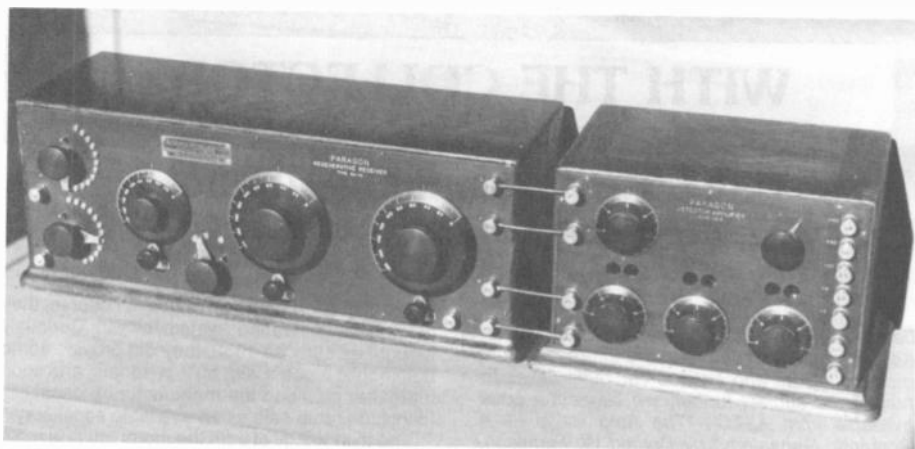


Figure 6. The RA-10 Serial Number — 812 and the DA-2 Serial Number — 383.

For instance, the regeneration, detector filament, and detector potentiometer should be set in about the middle of their adjustment. Preset the coupling control for the desired selectivity. Higher numbers result in stronger signals but reduced selectivity — "40" is good for general listening. Select shortwave (600 kHz to 1.8M Hz) by placing the switch arm between the two contact buttons. Long wave (300 kHz to 800 kHz) is selected by placing the switch arm over the single contact button.

After I had tuned the secondary condenser and found a signal, the antenna taps could then be adjusted for maximum signal strength. Finally, I adjusted the regeneration up to the point just before oscillation occurs. The detector filament and plate controls can be manipulated, but afterwards the regeneration will have to be reset for these new conditions.

In other words, these settings all interact, but there are many combinations that give good results. Part of the fun of operating the Paragon and similar receivers is all the different combination of settings with which to experiment.

Using this method of setup and tuning resulted in the reception of stations nearly every 10 kHz across the BC band at night. The best DX was KOB located in Albuquerque, New Mexico, on 770 kHz. Additionally, KOMO-Seattle, KOA-Denver, and several other stations within that radius of distance were received on the loudspeaker.

Using Baldwin earphones, I found that even 160-meter amateur operators were copied, although their CW signals were difficult to keep tuned as the detector had to be oscillating to receive this mode of transmission. This is probably why, in the 1920s, the Paragon was considered an ideal "spark" receiver but unsuitable for CW, which was soon to become the standard mode of communication for hams.

However, the Paragon's performance was certainly impressive — sensitive and even selective if the coupling is kept reasonably close to minimum. Even though the set has no shielding, no hand capacity effects were noticed unless the

detector was oscillating.

CONCLUSION

The Paragon RA-10/DA-2 has significant historical importance in amateur radio. The instruction manual lists seven of the RA-10's outstanding features and concludes, "It is the ultimate shortwave receiver."

Even though the RA-10 was produced in the tense atmosphere of the Adams-Morgan Company, it still was a quality-built receiver and obviously a good performer in its day. It was used by many hams in the early twenties and represents the state-of-the-art amateur radio at that time. It is easy to imagine, as one twists the various knobs, rotating the controls of the Paragon and listening to those signals crackle through on the "Baldies," how the wireless ham operators of the early twenties — proud owners of the very best available ham receiver that Paul Godley could design — must have felt.

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- Paragon RA-10 Instruction Manual.

(Henry Rogers, P.O. Box 511, Virginia City, NV 89440)

Henry Rogers has been an antique radio collector and enthusiast for over thirty years. He still has his first radio purchase, a Radiola 60 console, acquired in 1964. A ten-year contributor to A.R.C., his series "Antique Radio Specifications" first appeared in the January 1986 issue. He and his wife, Sharon, own and operate the Virginia City Radio Museum located in historic Virginia City, Nevada.

WITH THE COLLECTORS

Collecting Automobile Radios? How About an Atwater Kent?

BY ED PASKI

Articles on vintage auto radios are few and far between. This article on a well preserved Atwater Kent Model 91 might pique the interest of auto radio collectors and antique car buffs alike! To pursue the subject further, we suggest a book available from A.R.C., "The Auto Radio — A Romantic Genealogy" by Donald W. Matteson, as a reference. (Editor)

The reasons why people pursue the art of collecting are as numerous as the electrons flowing through a neutrodyne grid leak resistor. One area of radio history that has had little exposure in the collector's world is the evolution of the automobile radio. As the motor car became a part of the American scene and roads became more numerous and navigable, the demand for radio entertainment in motor car travel became equally prolific.

Prior to about 1933, most motor car manufac-

urers did not offer a radio option. Of course, they didn't offer a heating system either! Curiously though, as early as 1932, they did provide some automobile models with built-in aerials, and soon thereafter provided the manufacturing capability to include radio sets as an available accessory.

The technology of both the motor car and radio were in their infancy, and as such it was difficult to find common design criteria to satisfy both technologies. Motor car radio design was much more demanding than home radio design because of the environmental conditions encountered by car radios. These conditions included electrical noise and interference, large changes in received signal strength due to shielding effects from various topographical objects, and low signal levels due to restrictive aerial size.

Car radios were also subject to mechanical shock and vibration, as well as to great tempera-

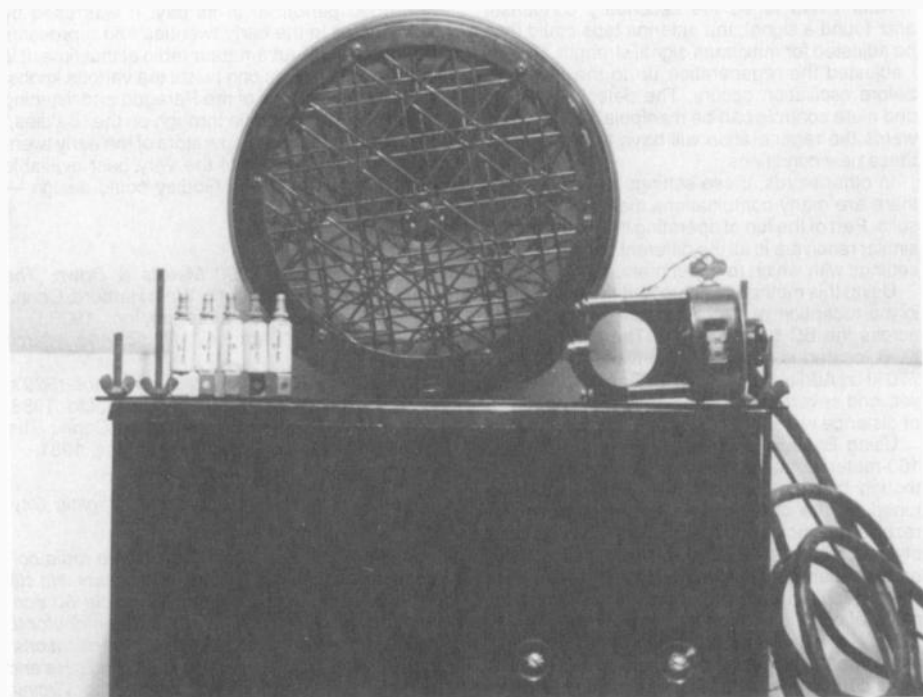


Figure 1. The complete Atwater Kent Model 91 less batteries. Note the speaker, control head, mounting hardware and spark plug suppressors.

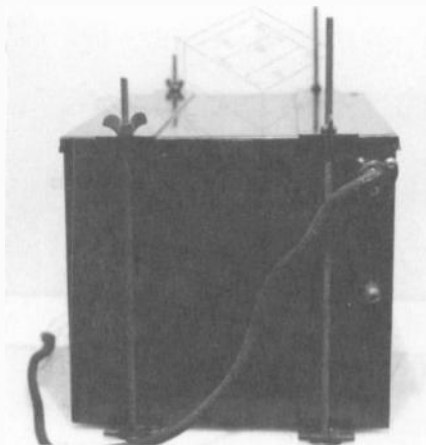


Figure 2. The enclosure for the chassis and battery box. The shielded antenna cable is shown in the upper-right-hand corner. Directly below is the receptacle for the mechanical tuning cable. Note the top and bottom mounting brackets and mounting bolts for under-the-floor installation.

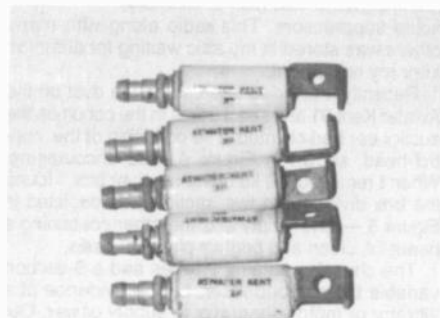


Figure 3. The Atwater Kent spark plug suppressors.



Figure 4. The control lead for the steering wheel shaft mounting. The cable plugs into the speaker enclosure. Note the key switch for power.

ture excursions not normally encountered in home radios. And to top it off, the problems associated with physical installation were most challenging.

The profit motive was attractive enough for many of the radio set manufacturers to produce motor car radios to be installed by local radio servicemen in any motor car after delivery. This article is about one of these after-market motor car radio sets — the Atwater Kent Model 91.

MY ATWATER KENT 91

In the late 1960s, I attended an estate sale in the Reading, Pa., area. I was looking for battery radios, Edison phonographs and associated fun junk. One of the items offered for sale was a big box, out of which peeked something that looked like a speaker. The auctioneer had an interesting story about this item. He said the item was a complete automobile radio that had been in use for only two months. The owner, after having it installed in his Pierce Arrow, was driving one day when the radio suddenly jumped to full volume! The distracted driver ran off the road into a cornfield. He later had the radio removed and swore he would never have another.

Against my better judgment, I became the highest bidder for this item. After arriving home and unpacking my purchases, I found I was the proud (?) owner of an Atwater Kent Model 91 radio complete with separate speaker, control-head, key, cables, mounting hardware and even a set of Atwater Kent spark plug suppressors.

The radio and its accessories are shown in Figure 1. A close-up view of the enclosure housing the chassis and battery box is shown in Figure 2. Figure 3 shows the Atwater Kent spark plug

(Continued on following page)

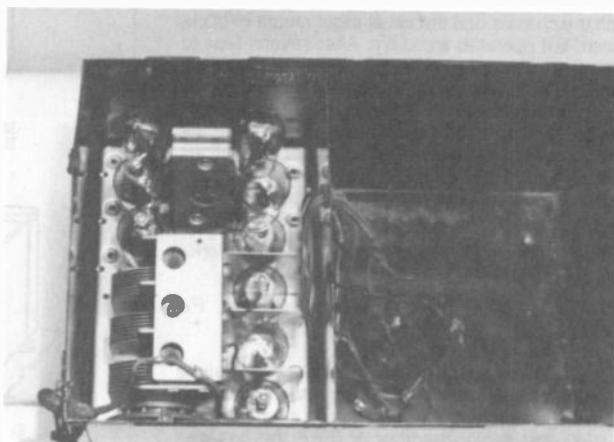


Figure 5. Interior view of the chassis and battery box. The multiwire cable is for connecting all B and C batteries. Note the angle bracket in the middle rear of the chassis with receptacles. A 2-plug cable for the speaker brings all connections for output transformer, speaker and volume control through a cutout in the top edge of the box.

(Collecting Automobile Radios, continued)

noise suppressors. This radio along with many others was stored in my attic waiting for attention after my retirement.

Recently, I decided to brush off the dust on the Atwater Kent 91 and see if it was in the condition the auctioneer had claimed. The condition of the control-head, shown in Figure 4, was encouraging. When I removed the lid of the receiver box, I found the box divided into two sections, as depicted in Figure 5 — one empty and the other containing a beautiful, clean and brightly plated chassis.

The chassis contains 9 tubes and a 3-section variable tuning condenser, but no evidence of a vibrator or motor-generator to supply power. Out came the Rider's manuals, and I finally found the Models 91, 91-B, and 91-C in Volume III on page 111. The pictorial and schematic had the answers to my questions regarding a power supply source. This radio is powered by four 7½-volt C batteries, three 45-volt B batteries, and the motor car 6-volt storage battery!

Produced in 1932, the Model 91, is the first Atwater Kent motor car superheterodyne radio. It was preceded by a 7-tube TRF (Model 81) in 1931. These models were the only dry battery-powered motor car radios produced by Atwater Kent. The obvious disadvantages of this battery power scheme included weight, size, mounting, maintenance and replacement costs. One advantage was the near-absence of conductive radio interference.

The Models 91 and 81 have the same physical mounting options. For the Model 91, all B and C batteries were contained in the same case as the radio chassis. This configuration was designed for under-floor mounting in the motor car. Other mounting options provided dash or under-floor mounting in different case sizes and number of cases, resulting in either B or C model designation, as shown in Figure 6.

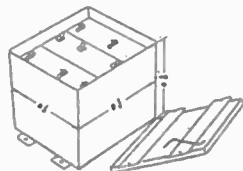
With the exception of crumbled insulation on the battery wires, this Model 91 was in excellent physical condition. The mechanical control cable between the control-head and the tuning condenser on the chassis had the usual slight mount of backlash, but operated smoothly. After several trips to the junk box, I found enough parts to provide a makeshift power system to take the place of the eight batteries normally required. With a 3-foot length of clip lead as an antenna, the radio played beautifully, and I marveled at the number of stations received and the selectivity. I only wish I could have seen the set installed in that old Pierce Arrow.

Reference:

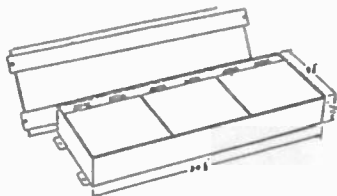
Rider, John F. *Perpetual Troubleshooters Manual, Volume III*, p. 111.

(Ed Paski, 236 Waterloo Ave., Berwyn, PA 19312)

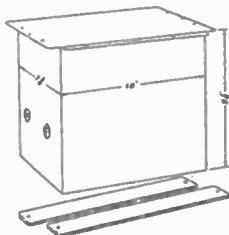
Ed Paski has been collecting old radios since the mid-1930s, mainly for parts and modification to ham equipment. A licensed radio amateur since 1940 and senior member of IEEE, he has had several papers published on space communication and telemetry. Atwater Kent breadboards are favorites in his collection, along with antique light bulbs, vacuum tubes, telegraph instruments, and radio gadgets.



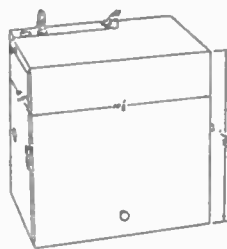
SQUARE "D" BATTERY CONTAINER No. 21933
FOR USE WITH MODEL 81-B OR 81-C.



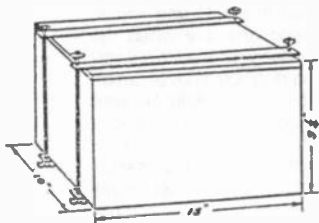
LONG "D" BATTERY CONTAINER No. 21932
FOR USE WITH MODEL 81-B OR 81-C.



MODEL 81-C CHASSIS AND "C"
BATTERY CONTAINER No. 21931.
(Mounted under floor or through hole
cut in 1/4" x 1/4")



MODEL 81-B CHASSIS AND "C"
BATTERY CONTAINER No. 21929.
(For dash mounting.)



MODEL 81 CHASSIS AND BATTERY CONTAINER.
(For under-floor mounting.)

Figure 6. The chassis and battery box(es) mounting configurations for Models 81 and 91, as published in Rider's Manual Vol. III.

WITH THE COLLECTORS

The 1936 Philco 116B

BY RICHARD ARNOLD

As we all know, one of the largest and most successful of the early radio companies was Philco. The Philadelphia Storage Battery Company built up an exceedingly effective merchandising organization in the battery industry. With excellent dealer outlets all over the country, Philco had a great dealer base when it entered the radio market in 1928.

One of the company's more interesting models that is now hard to find is the 1936 Model 116B, shown in Figure 1 — a modification of the 1935 Model 16 (late version). This newer model employed a fifth band that covered long wave frequencies from 150-390 Kc.

A very large tombstone, this radio measures 23½ x 16 x 12. Its 11 tubes include Types 78 (3), 77 (2), 42 (3), 80 (1), 76 (1), and 37 (1). The 5 frequency bands are the following: 150-390 Kc, 540-1500 Kc, 1.5-4.1 Mc, 4.1-10.0 Mc, and 9.7-22.5 Mc. A small white arrow shows through the dial scale to indicate what band is operative.

The grille cloth has the brown "V" pattern that really helps to give the radio a striking appearance. The front panel has three wooden bars that are inlaid, not painted on like some of the other models.

From 1935 to 1937, there were a number of Philco sets that had cabinet styles similar to the Model 116B. To name a few — Models 610, 611, 611B, 37-38B, 37-610B and 37-611B.

I do not recall ever seeing a Model 116B for sale or in a contest at the Vintage Radio and Phonograph Society (VRPS) auctions in Dallas over the past ten years.

(Richard Arnold, Box 275, Lone Grove, OK 73443)

Richard Arnold has been collecting radios since 1985. His interest is primarily in cathedrals and 1920s battery sets, and his collection ranges from crystal sets to a 1928 American Bosch in a Pooley cabinet. His prize is the 1932 Jackson Bell Peter Pan featured in the June 1991 A.R.C.



Figure 1. The Philco Model 116B

Reference:

Ramirez, Ron with Michael Prosser. *Philco Radio — 1928-1942*. Atglen, PA: Schiffer Publishing Ltd., 1993.



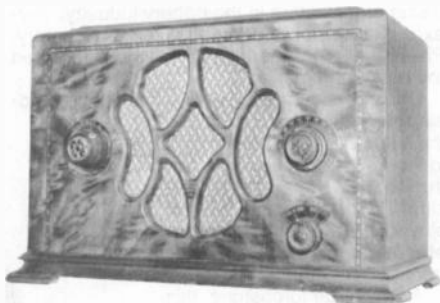
PHOTO REVIEW



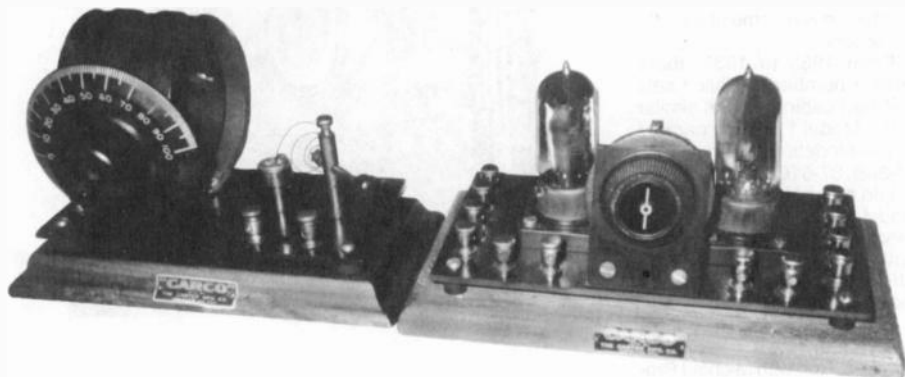
This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short, descriptive paragraph **MUST** be included with each photo. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.



V-M MODEL 970 – This 1952 phonograph has 3 speeds: 33 $\frac{1}{3}$, 45, and 78 rpm. The amplifier circuitry uses the following tubes: 12SQ7, 50L6GT, and 35Z5GT. The cabinet has an attractive brown hammertone finish, and the turntable platter is covered with brown flock. The automatic record changer unit was also used in Stromberg-Carlson and other radio combination units of the early 1950s. (Douglas Fox – St. Charles, IL)



FADA MODEL RN – This 1933 AC/DC superhet uses a resistor line cord and the following tubes: Types 6A7, 78, 6B7, 25Z5, and 43. There are two bands — standard broadcast and shortwave, covering 1.5 MHz to 4.0 MHz. The cabinet has a beautiful sculptured speaker grille and wood inlay patterns around the front perimeter. This unit is the only example of the Fada RN that I have seen. If anyone has further information, please write to A.R.C. to let everyone know. (Douglas Fox – St. Charles, IL)

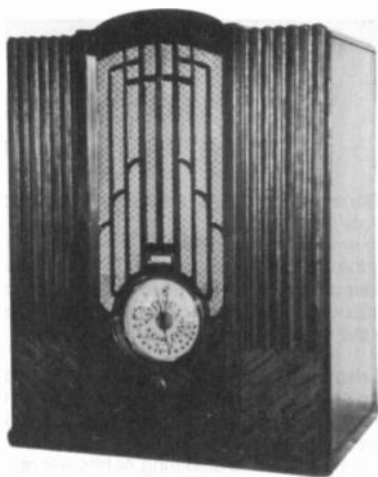


CARCO CRYSTAL SET AND 2-STAGE AMPLIFIER – The Carter Manufacturing Co., East Cleveland, Ohio, made this combination in 1925. The company also made a 1-tube set. (Ed Bell – Raleigh, NC)

PHOTO REVIEW



LORENZ RADIO MODEL UNKNOWN – This German radio, ca. 1950s, has a black Bakelite case and uses 4 Telefunken tubes. One tube and the label with the model number are missing. Any information on this set would be appreciated. (*Glenn Bubbenheimer – Livonia, MI*)



ZENITH MODEL 935 – This is a very large, 10-tube, multiband radio, ca. 1935. The front of the cabinet has fluted columns and a chrome grille. (*John Lancashire – Visalia, CA*)



STROMBERG-CARLSON MODEL 430M IN MODEL F-4 CABINET – This 9-tube set plays broadcast band and shortwave broadcasts through an acoustical labyrinth speaker chamber. The set was manufactured in 1939-1940. (*Jesse Finkelstein – Wilmington, DE*)



ANGELUS CATHEDRAL MODEL 81 – Angelus radios were manufactured by the Davison Haynes Co. and the Radio Service Co. in Los Angeles, California. This model has 9 tubes. (*Kenneth Acord – Long Beach, CA*)

RESTORATION TOPICS

Soldering Techniques

BY DANIEL SCHOO

Daniel Schoo's latest article instructs radio collectors who are interested in doing some of their own repair work in soldering techniques. He covers the basics of selecting the proper tools and solder and of making a good solder connection. Particularly informative are the photographs showing the tools and how to use them. (Editor)

Learning to solder is a handy skill in doing radio repair or restoration. Whether you just want to reconnect a broken antenna wire or replace a power transformer, knowing how to solder is a requirement. Good soldering habits will result in more reliable connections and fewer problems.

There is more to soldering than heating a metal to the liquid state and applying it like glue to an electrical connection. The solder must coat the surfaces evenly and stick to them, a process called "tinning." The solder must wet and flow into the joint and adhere tightly to the wires and terminals, filling the spaces between them. To do this you need the proper tools and must correctly prepare the joint to be soldered. Good solder joints are not difficult to make if you know a few of the basics.

THE IRON

To make good soldered joints, it is important to use the correct tools. Just as in many other tasks, the tools you use depend on what type of job you are doing. For general radio repair, an iron in the range of 35 to 60 watts, like both the standard size and the miniature size Weller irons shown in Figure 1, will handle most soldering jobs.

Ungar produces similar soldering irons, such as the SL345 and 3140.

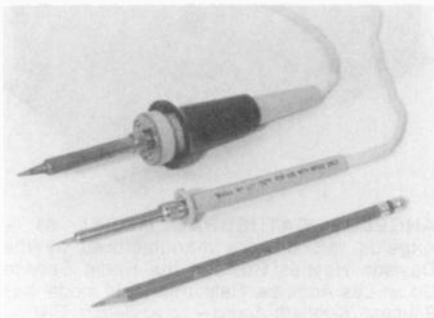


Figure 1. A standard size Weller iron and a miniature Weller iron for small work, shown with a pencil for size comparison.

Personal preference is part of the decision based on how well the design of the iron fits the your hand for comfortable work and how much you want to spend. The iron should maintain a cool comfortable grip and the tip should be easy to clean and replace. Stay away from cheap irons. You don't need to spend a lot of money to get a good tool, but you will be wise to stick with a name brand manufacturer who carries a broad line of irons and tips.

SOLDERING STATIONS

Soldering stations, such as the Weller WTCP Series, have an active temperature regulation feature. The Ungar UTC-300 is another example of a soldering station. A Weller model WTCPN is shown in Figure 2. This older model has been superseded by newer units. The current model is the WTCPN. All models of the WTCP Series use the same tips. Temperature regulation controls the wattage of the iron to maintain a constant tip temperature and match automatically the iron to large and small jobs. This allows you to use a larger wattage iron with plenty of reserve power when you need it for the heat hungry jobs, while still maintaining a safe temperature for soldering more delicate components. Unregulated irons run at full output all of the time and must be more closely matched to the application.

Soldering wires to tube sockets, terminals and transformers takes only a moderate amount of heat. Using a larger iron than necessary runs the risk of overheating the components and melting



Figure 2. A Weller WTCPN soldering station with soldering iron holder. Note the sponge on the left and the TTC1 tip tinner/cleaner on the right.



Figure 3. This Weller soldering gun is typical of those used in radio repair.

or burning them. Using an iron that is too small will take more time to heat the joint. This may result in overheating nearby components because the iron has to be left on the joint much longer to complete the job.

Underheating the joint will also risk a poorly soldered connection called a "cold" solder joint. This results from the joint not being hot enough for the solder to flow completely around and stick to the wire and terminal. Overall, a small error on the side of too big an iron is preferable to one that is too small.

For some jobs like replacing chassis-mounted electrolytic capacitors, a large amount of heat is needed. Any connection made directly to a large metal surface like a chassis dissipates heat rapidly and is difficult to solder unless you have plenty of heat to put into the joint. A soldering iron or gun of 100 watts or more may be required to solder to a large heat-sinking surface. Buying a second iron of higher wattage just for these jobs comes in handy. A typical soldering gun is shown in Figure 3.

Printed circuit boards are much more delicate and easily damaged by the application of too much heat. Most PC-mounted components need little more than 35 watts. Regulated irons work well on PC boards by limiting the temperature and helping to keep from damaging the board material.

SOLDERING TIPS

Most radio jobs do not need large soldering tips. As shown in Figure 4, there are several types of tips commonly in use: conical with no flat surfaces, single flat or spade which have one flat surface, screwdriver or chisel with two flats, and pyramid or diamond with three or four flats on the end. These come in many lengths and diameters. A good all-round tip for radio repair would be about 0.100" in diameter with one or two flat surfaces. For PC boards or small and delicate work a 0.063" diameter or smaller is good. For larger joints a 0.125" or 0.188" is appropriate. It is preferable to keep several types of tips on hand to use depending on the work you need to do.

Tip materials vary with the application and the manufactur-

er. Bare copper is commonly used because of its heat conducting capability, and it is easily tinned. Easy tinning means the solder will readily flow on the tip and coat it evenly, sticking tightly to the surface. Copper tips must be cleaned often and are not very durable. With each joint a little of the copper is dissolved into the solder and eventually the tip erodes away. Copper tips with iron plating are also common. The iron plating tins well and does not dissolve into the solder as copper does, giving the tip a long life. Either type will work well for electronics work.

ACCESSORIES

To go along with your iron you will need some simple accessories to help keep the tip in condition and to make using the iron easier. A protective heat resistant holder to park the iron while it is away are between soldering connections helps to keep the iron from bumping and burning things on the work surface when you put it down. It provides a safe place to store the iron while it is hot and makes it easier to pick up and use. Soldering stations come equipped with holders. Iron manufacturers supply matching holders either in a kit with their irons or as a separately available accessory.

Another required accessory is a tip-cleaning sponge. This is a small flat cellulose sponge that is kept close to the work area usually next to the iron holder. When moistened with water it provides a place to wipe excess solder, flux residue and other material from the tip. Almost any small cellulose sponge will do provided you put it in a tray of some kind to keep it from slipping as you wipe the tip and to help hold the water. A variety of cleaning sponge trays are available, and many are built into the base of iron holders. Soldering stations include a sponge and a tray.

Do not use natural or urethane sponges, as they either have too coarse a structure or no tolerance for heat. Other accessories like a small wire brush or tinning block are helpful in keeping your tip clean and in good working condition.

It is important to remember that solder is a molten metal at several hundred degrees. A pair of safety glasses is good protection against splashes that can happen when a wire decides to pop loose from a terminal as you are adding solder. Sometimes old flux or other contamina-

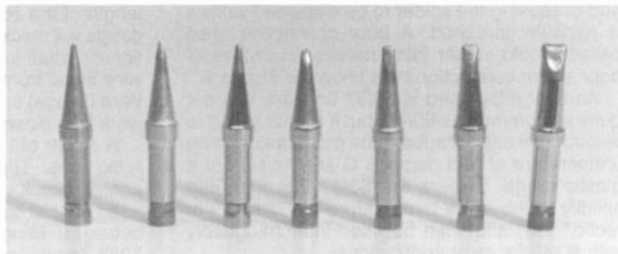


Figure 4. Commonly used soldering tips are these Weller types, from left to right: PTP 0.031" conical, PTH 0.031" screwdriver, PTA 0.063" screwdriver, PTAA 0.063" single flat, PTB 0.094" screwdriver, PTC 0.1125".

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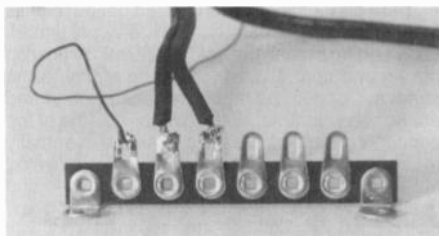


Figure 5. Three examples of poorly soldered joints: Left and center: There is solder on the terminals, but the wire did not tin because of insufficient cleaning. Note that the solder has not flowed onto the wire. Right: There was insufficient heat to make the solder flow on smoothly. Note the dabbed-on, spiked look at the top of the joint.

(Soldering, continued)

tion will boil off, causing the solder to be ejected toward your face. Most of the time the solder bounces off your skin, but it can be very damaging if it gets into your eyes.

Flux smoke is irritating to the eyes and obscures a clear view of the work. A small fan placed next to the work to blow the smoke away is helpful to keep it out of your face.

SOLDER TYPE

The most common solder for use in electronic work is an alloy of 60% tin and 40% lead, generally referred to as 60/40. This alloy is easy to work with and has a moderate melting temperature and plastic range. The plastic range of a solder refers to the difference between the temperature at which it melts and the temperature at which it solidifies again. A 60/40 alloy solder melts at 188 degrees C and solidifies again at 183 degrees, a difference of 5 degrees. This difference has an effect on the quality of the joint.

Other common solders like 50/50 tin-lead and 40/60 tin-lead, melt at 212 degrees and 234 degrees C. 50/50 has a plastic range of 29 degrees, and 40/60 has a plastic range of 51 degrees. These are more difficult to use as radio solders because they take more heat to melt and take longer to solidify after the joint is soldered. The longer the solder takes to harden, the greater the chance of disturbing the joint while it is cooling and of causing the solder to be displaced while it is partially hardened. A poor connection, also called a cold solder joint, results. Examples of poor solder connections are shown in Figure 5.

Another alloy used is 63/37 tin-lead. It is not quite as common as 60/40, but it is well suited to electronic work because of its moderate melting temperature of 183 degrees C and its lack of a plastic range. Solders like 63/37 that melt and solidify at the same temperature are called "eutectic." This alloy can be used interchangeably with 60/40 for most applications.

Certain alloys are now becoming popular for special purposes. Some of these like 96/04 tin-silver or 99.3/0.7 tin-copper are nontoxic lead-free alloys. These are being used by some electronics manufacturers to minimize exposure to lead and



Figure 6. A 1-pound roll of 22 gauge 62/36/02 tin/lead/silver solder. The code "WRAP 3" printed on top of the roll means "wire solder with rosin activated flux in the quantity of 3 percent."

to reduce it in the waste stream. The 96/04 alloy is more expensive but finds uses in some applications because of its strength, resistance to tarnish and good wetting ability on stainless steel. Lead free solders have a higher melting point and are rarely used for amateur soldering.

Silver-bearing solder like 62/36/02 tin-lead-silver is useful in soldering to silver-plated surfaces, especially silvered ceramics. Normal tin-lead solder will leach silver from the plated surface, leaving the unsolderable ceramic exposed. The 62/36/02 silver-bearing solder leaves the silver plating intact and makes a very good connection. This alloy has a low melting temperature and is very well suited for electronics but because of its much higher cost it is not used frequently for general soldering. A 1-pound roll of 22-gauge 62/36/02 solder is shown in Figure 6.

The common alloys of 50/50 tin-lead, 40/60 tin-lead or 95/05 tin-antimony are not really suitable for amateur soldering. These are seldom used for electronics and do not have the desirable characteristics of the 60/40 or 63/37 alloys for radio work.

SOLDER SIZE

It is important to match the size of the solder to the job. Too small a gauge will require a long length of the solder to fill a large joint. Too big a gauge will quickly overflow a printed circuit connection or small joint. Solder comes in a variety of wire sizes from a very tiny 32-AWG (American Wire Gauge) to a hefty 11-AWG. Most electronic work falls close to the center of that range.

A solder of 23-AWG to 18-AWG will suit most radio jobs. The smaller 23-AWG is better for printed circuit work and small radios that do not need a lot of solder to fill a joint. The 18-AWG is better for filling in large terminal lugs on your 1938 Zenith console.

Solder is relatively cheap and a selection of two or more sizes for different work is not unreasonable. If you only keep one size on hand, lean toward a smaller gauge like 22 or 24. This will be suitable for PC boards and most other joints. For



Figure 7. Using a product like the Multicore TTC1 tip tinner/cleaner makes the job easier when using volatile low residue solder.

larger terminals you will just have to push a greater length into the joint to fill it.

FLUX

Flux is a chemical applied to a joint to be soldered to promote the flow and adhesion of the solder to the joint. Without flux even the most thoroughly cleaned connections would not always tin well. Many of the popular solders available in wire form have a hollow core filled with an appropriate flux.

Before the development of flux core solders, a liquid or paste flux, would have to be applied to the joint first, and then the joint would be heated and the solder applied. This is still done in plumbing. For all electronic soldering by hand, flux-cored solder is used and soldering is done in one step.

The popular 60/40 radio solder is most often cored with rosin flux. Used for years, rosin is safe and effective for the majority of soldering. Rosin flux leaves a residue behind after the joint is soldered. For most radio work this residue is harmless and need not be removed. In many commercially manufactured pieces of equipment, the residual flux is removed from PC boards to meet cleanliness standards and to prevent absorption of moisture with a resultant development of electrical leakage and corrosion.

Some newer types of flux have been developed to help prevent the buildup of flux residues or to facilitate the cleaning of residues from PC boards after assembly. Unless you have a special application other than standard radio repair, rosin is the first choice for flux.

Water soluble flux allows a PC board to be cleaned with a simple aqueous solution to remove the residue. These are fine for manufacturing but not suitable for amateur soldering. The chemical nature of some water washable flux requires it to be completely removed from the board or it will cause corrosion to develop. Home cleaning is frequently not thorough enough to prevent this.

Low residue fluxes which leave little or no residue on a joint are available. What little is deposited need not be removed. An added bonus is the reduced amount of smoke produced during soldering. These are fairly new and work well but require a little different technique that takes some practice to master. It is difficult to tin a hot tip with

the solder flux which is highly volatile. Companion tip tinner/cleaners like the Multicore TTC1, shown in Figure 7, are available for use with low residue solder to solve this problem.

Noncontaminating flux works similar to rosin but does not require removal to meet some military standards. This flux is not very common and not often used for amateur soldering.

Caution: Never use acid fluxes for electronic soldering. These are strictly for plumbing, sheet metal and mechanical work. The acid residue will corrode electronics. Paste and liquid fluxes are not appropriate for most radio work.

SOLDERING TECHNIQUES

Now that you have your iron and solder selected, you need to know what to do with it. Tinning and filling joints with solder is a pretty simple procedure. Read all of the basic information and cautionary instructions first before you heat up the iron.

Keeping the iron tip tinned is important for good heat transfer and solder flow. Most iron-plated tips come from the manufacturer already tinned. Most new copper tips are bare. A good coating of solder provides a better heat transfer and promotes a better flow of solder onto the joint. To tin effectively, the tip must be clean and free of oxidation. Apply a generous amount of solder to the hot tip, and make sure that it coats the entire working surface. Wipe the tip on the sponge to remove the flux residue and excess solder. The tip is now ready to use.

Normally just a few swipes of the heated tip on a damp cellulose sponge between solderings is enough to clean it. After every joint, wipe the tip once or twice lightly on the sponge to remove excess solder and burned flux. If the iron has been sitting for a few minutes after making a joint, swipe it again to clean off the dross that forms on the tip. For several connections in a row, like soldering a tube socket to a PC board, wipe the tip every two or three joints as needed when the residue begins to accumulate.

Eventually with use the tip will collect burned-up residue from flux and dirt that cannot be removed by the sponge. When the tip gets dirty, it will become difficult to get it to tin properly. The solder on the tip will not melt or, if it does melt, will have a tendency to ball up and fall off. Incomplete tinning results. A small wire brush stroked lightly across the tip is helpful at cleaning away the contamination. Never use sandpaper on an iron-plated tip. It will scratch away the plating and shorten the tip life.

Another useful aid is a tinning block. This is a block of a chemical called Sal Ammoniac (ammonium chloride). When the tip gets dirty with burned-on scale, press the side of the hot tip on the block and burnish it using short strokes firmly across the surface. This removes stubborn deposits and leaves the tip in condition to tin. Sal Ammoniac normally makes a lot of white smoke when heated so it should be used in a well ventilated area where it can be exhausted outside. After cleaning, immediately tin the tip again. The TTC1 tip cleaner is used much like the Sal Ammoniac but

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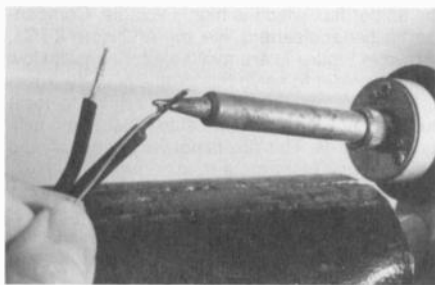


Figure 8. Tinning a line cord wire before soldering it to the terminal gives better results than attempting to solder the wire without tinning.

(Soldering, continued)

makes much less smoke. It includes a small amount of powdered solder in the chemical to tin the tip as you clean it.

TINNING WIRE

Some of the wires that you will solder, like a power cord, are not tinned. You can successfully solder these to a terminal as they are, but you will get better results if you tin the wire first, as shown in Figure 8. After stripping off the insulation, you may find that some wires underneath will have a dark appearance or a coating of crud. This will have to be completely removed before tinning. This crud is difficult to remove and scraping with a knife or fine sandpaper until the copper is bright and shiny is about the best way to clean it.

When stranded wire is clean, twist the strands tightly together. To tin it, place the iron against the wire and touch the end of the solder right at the place where the iron and wire meet, as shown in Figure 9. As the solder melts, slowly advance it and allow it to flow into the wire. Run the iron the length of the stripped section, adding solder as needed to cover the entire length with a thin coat. If the solder is not absorbed into the strands or blobs up and will not stick, the wire is not properly cleaned and must be scraped to expose bright copper.

Solid enameled or varnished wire presents a similar condition. All of the insulating coating must be removed before soldering. Scraping with a knife works but must be done carefully on small gauge wire or you will cut it. Heating the wire with the iron and applying some solder to the tip where it touches the wire will melt or burn some coatings from small gauge wire. Slide the tip along the area you want to strip of varnish and keep a blob of solder on the tip and around the wire. After heating, a quick wipe with fine sandpaper cleans off the burned coating leaving the wire ready to tin.

SOLDERING A JOINT

To make a good solid solder joint, the wires and terminal must be clean and free of oxidation. Most bare component leads are tinned with solder by the manufacturer. Many insulated wires are tinned too. Tinned wires always have the silvery grey color

of solder. Wrap the wires around the terminal tightly and secure them so that they will not move during the soldering, as shown in Figure 10.

Place a flat side of the tip of the iron on the joint to be soldered. Apply a small amount of solder to the tip and joint just at the place where they touch and allow it to flow, as shown in Figure 11. Once it starts to flow, the heat transfer into the joint will accelerate. Add more solder slowly to the joint a little away from the iron and allow it to flow all over the wires and terminal. Note in Figure 12 that there is not enough solder to cover the terminal completely.

Apply only enough solder to cover completely the spaces around the wires. Leave the iron on the joint for a second or two to let the solder flow completely around the wires. Remove it when you see that the solder has flowed into the joint and allow it to cool. Allow the joint to cool until the solder has completely hardened before moving anything. The finished joint will have a smooth shiny appearance with no voids and no places where the solder beads up. The solder should flow out smoothly and cover the entire joint, as shown in Figure 13.

SOLDERING PROBLEMS

If the solder tends to blob up or refuse to stick in places or bulge around the wires while remaining on the iron, then the joint is contaminated with dirt or corrosion and must be cleaned. A few good strokes with your wire brush will help here. Do not allow the wires to move while the solder is cooling. The solder will start to harden and take on a rough crystallized appearance. The motion will push the hardening solder out of the joint, and the connection will be loose. This is another type of joint called a cold solder joint because the solder is not hot enough to flow back as the motion of the wires displaces it.

Some terminals on connectors are nickel plated. Nickel is a difficult metal to solder because it forms a thin oxide coating when exposed to air. It will exhibit some of the problems described above and refuse to tin. A good scraping with a knife or fine sandpaper to clear the surface of oxides will usually help.

TACK SOLDERING

Tack soldering refers to the procedure of making a soldered connection for temporary attachment of a wire to a terminal or of making the connection without wrapping the wire securely

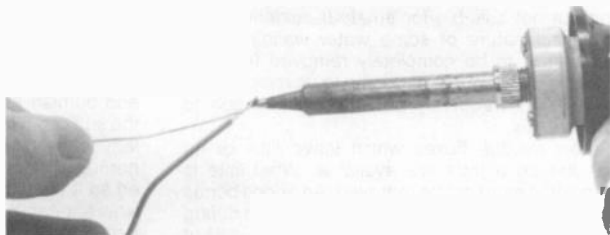


Figure 9. In tinning a stranded wire, place the iron against the wire and touch the end of the solder right at the place where the iron and the wire meet.

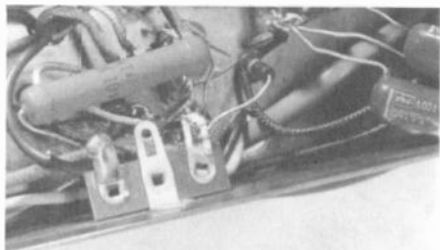


Figure 10. This is a typical terminal lug. Note that the right-hand lug has wires crimped on it and is ready to solder.

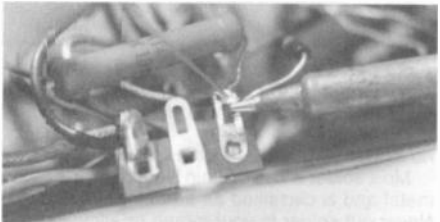


Figure 11. The right-hand lug is now ready to solder. Note that a small amount of solder is applied to the soldering iron tip and the joint, just at the point where they touch.

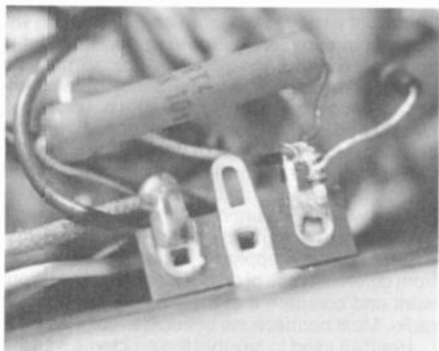


Figure 12. The top lug has been poorly soldered with insufficient solder to cover all the wires.

around a terminal before soldering. Tack soldering is used frequently to attach a wire to the surface of a printed circuit board or to attach a wire to a terminal for testing purposes and then removing it.

To tack a wire to a terminal, first make sure the wire is well tinned. Apply a sufficient amount of solder to the terminal or pad on the board to hold the wire. Grab the wire with a pair of long nose pliers, and hold it against the solder on the terminal. Heat up the terminal, and when the solder melts, the wire will submerge into it. Remove the heat, hold the wire in place and allow the solder to cool. To remove the tacked wire, hold it with long nose pliers and reheat the solder. When the solder melts, slowly remove the wire from the joint.

SOLDERING OTHER METALS

Many types of metals can be soldered without

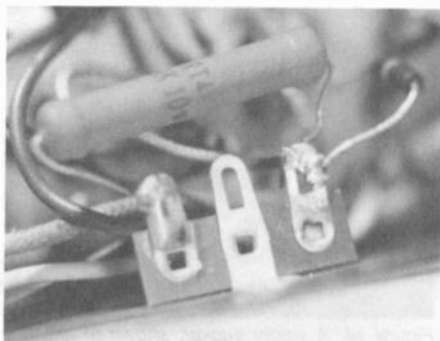


Figure 13. This is a good solder joint. Note the smooth appearance of the solder as it completely surrounds the wire and terminal.

much trouble. I have mentioned nickel as a problem metal. Brass is fairly easy to solder. Most steel radio chassis can be soldered provided you apply enough heat. Other steel alloys vary in ability to tin by composition. Some difficult metals you might run into are chrome plating, stainless steel and aluminum.

Aluminum parts can be found in many radios. Aluminum will not solder by the usual methods. Special fluxes made for use with special solder alloys must be used on aluminum or stainless. Aluminum wire and terminals are never used in radio work for just this reason. Soldering to these and other materials is difficult and requires experience.

DE-SOLDERING

As you repair a radio, it will be necessary to remove failed components and replace them. There are several means of removing solder from a joint. To remove solder from a large terminal generally requires a device called a solder sucker, as shown at left in Figure 14. This is a solder vacuuming tool with a spring-operated piston that you cock by pressing down on a large button on the top. To remove solder, you first heat the joint until the solder is completely melted. Place the tip of the solder sucker on the joint and release the piston. Much of the solder will be pulled out of the joint and into the sucker.

To clean out small joints and to finish cleaning up the large ones, use another tool called solder wick or solder braid. Solder wick is a flat strip of fine copper braid which has flux added to it. It comes in widths from 0.030 to 0.220 inches. The thinner widths up to about 0.050 inches are good for small joints and PC boards. For most radio work 0.050 to 0.100 inches is about right.

To use solder wick, lay it across the joint at a place where it can contact the bulk of the solder, as in Figure 15. Press the wick tightly against the joint with the flat surface of the iron and wait for the heat to travel through it and melt the solder. As the solder melts, it will begin to be absorbed by the wick. The solder will be drawn out of the joint and into the wick. It will flow up the wick only about a quarter of an inch on each side of the joint.

(Continued on following page)



Figure 14. A solder sucker, shown at left, is a helpful tool when removing solder from a large terminal.

(Soldering, continued)

If there is a large amount of solder to remove, leave about an inch of wick beyond the joint, and as the solder is drawn up into it, pull some of the extra toward the joint to supply fresh wick. Much of the solder will migrate out of the joint and into the wick. Some larger joints will have to be repeated with fresh wick in several places to absorb all of the solder. Some solder will always be left behind, but, with practice, you can remove enough to pull the wires loose with a pair of pliers or diagonal cutters. Be careful with the spent wick. It is very hot and will cause burns if you touch it.

On difficult joints where there is not enough room for a solder sucker or wick, you can deliberately make a cold solder joint. Heat up the joint until the solder is melted, and grab the wire with a long nose pliers. Remove the iron, and wiggle the wire continuously while the solder hardens. In some cases, you can wiggle the wire free while the solder is soft; in others, you will create a loose joint and can clip the wire loose from the joint with a pair of diagonal cutters after the joint cools.

PRECAUTIONS

Always follow the manufacturer's instructions for using the iron. Be careful of hot solder splashing into while you work, and always wear protective covering for your hands and face. An iron operates at several hundred degrees and will cause burns if contacted with skin. Never touch a solder joint until it has completely cooled. Some joints cool quickly and some take several minutes depending on the size of the joint and surrounding thermal mass.

Keep children and pets away from the work area while the iron is hot. Never solder on any device with power applied! Remove all power sources and discharge capacitors before doing any work on your radio.

A hot iron can easily set fire to many materials. Plastics and other materials will melt and burn at soldering temperatures. Pay attention to where you are putting the iron and keep it away from wire insulation as you solder with it. Always put it in the holder designed for it when not in use, and do not place any flammable materials where they can come in contact. Never leave a hot iron unattended. When you are done soldering, remove power and cool it with a wet sponge until it

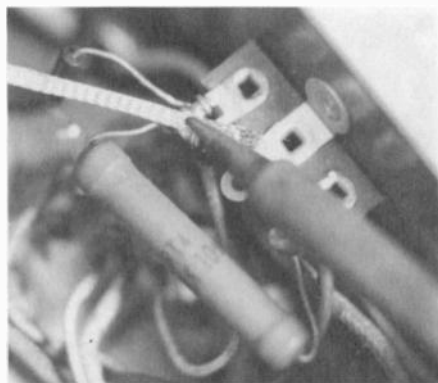


Figure 15. When you remove solder with a wick, the wick should lie across the joint where it can contact the bulk of the solder.

no longer generates steam.

Most solder alloys contain lead. Lead is a heavy metal and is classified as a hazardous material. Never put solder in your mouth or allow children to play with it. Always wash your hands after using solder, and store it in a safe place away from children and pets.

FINAL COMMENTS

Most of what you will learn about soldering will come from experience. Knowing how the heat is applied and how to apply the solder must be gained with practice. The tendency of inexperienced people is to apply too much solder too quickly and not to allow the solder to flow sufficiently before removing the heat.

Remember to apply the solder to the joint and not to the iron. The iron only supplies the heat — it is the wires and terminals that get the solder.

Get an old junk radio and try soldering joints. Experiment with applying and removing solder from different types of connections. Examine your work and compare it to the existing joints in the radio. Most connections will solder quite easily.

Heathkit used to say that the problems with the majority of kits returned to them for repair were due to poor soldering. The most important thing to remember is that if it tins well, it will probably be a good joint. If it tins poorly or with difficulty due to contamination or lack of heat, it will probably be a bad joint.

References:

- "Properties of Solders," Pub. MLA Ref:126 1/91, Multicore Solders Inc., Richardson, Tx.
- "The Solder Connection," Form No. OEM-110, Kester Solder, Des Plaines, IL.

(Daniel Schoo, 526 Colonial Dr., DeKalb, IL 60115)

Daniel Schoo is an electronics design engineer with a lifetime interest in antique technology, especially radio and television equipment. In addition to his collection of 1930s and 1940s radios and video cassette recorders, he has collections of vintage vacuum tubes and neon lamps, as well as tube data books.

RESTORATION TOPICS

Testing Electrolytic Capacitors

CONTRIBUTED BY EVERETT HOARD

Two articles by the late James S. Di Ruzza in A.R.C. (February and October 1992) explore the subject of replacing and reforming electrolytic capacitors. Everett Hoard has contributed more information on this subject, as well as a particularly useful chart. (Editor)

Capacitor testers are commonly used to measure a capacitor's value. However, measurement of capacitance alone may not produce a reliable indication of the condition of an electrolytic ca-

pacitor. The measurement of leakage current is a much better test.

The table shown here provides guidelines for assessing leakage current measurements. This table, taken from the operating manual for the Sprague Model TO-6A capacitor analyzer, lists the maximum leakage currents for various values of capacitance versus DC working voltages.

Electrolytic capacitors that have not been in use for some time may need to be reformed prior to running a leakage current test. Otherwise, the leakage current may be excessively high. (Editor)

μF	D-C WORKING VDLTAGE											
	EV	15V	25V	50V	100V	150V	250V	300V	350V	400V	450V	
1	5.0μA	5.0μA	5.0μA	5.0μA	5.0μA	7.5μA	12.5μA	15.0μA	17.5μA	20.0μA	22.5μA	
3	5.0	5.0	7.5	15.0	15.0	22.5	37.5	45.0	194	208	220	
5	5.0	6.25	12.5	25.0	37.5	50	75	100	251	268	285	
10	5.0	7.5	12.5	25.0	50.0	232	300	329	355	380	403	
30	9.0	22.5	37.5	233	329	403	520	570	615	658	697	
50	15.0	37.5	212	300	425	520	671	735	794	849	900	
70	21.0	195	251	355	503	615	794	870	939	1.00mA	1.06mA	
100	30.0	232	300	425	600	735	950	1.04mA	1.12mA	1.20	1.27	
200	208	328	425	600	849	1.04mA	1.34mA	1.47	1.59	1.70	1.80	
300	255	403	520	735	1.04mA	1.27	1.64	1.80	1.94	2.08	2.20	
500	329	520	671	950	1.34	1.64	2.12	2.32	2.51	2.68	2.84	
700	389	615	794	1.12mA	1.59	1.94	2.51	2.75	2.97	—	—	
1000	465	735	950	1.34	1.90	2.32	3.00	—	—	—	—	
1500	370	900	1.16mA	1.64	2.32	2.84	—	—	—	—	—	
2000	557	1.04mA	1.34	1.90	2.68	—	—	—	—	—	—	
3000	906	1.27	1.64	2.32	—	—	—	—	—	—	—	
4000	330	1.47	1.90	2.68	—	—	—	—	—	—	—	
5000	1.04mA	1.64	2.12	3.00	—	—	—	—	—	—	—	
10000	1.47	2.32	3.00	—	—	—	—	—	—	—	—	
15000	1.80	2.84	—	—	—	—	—	—	—	—	—	
25000	2.32	—	—	—	—	—	—	—	—	—	—	
35000	2.75	—	—	—	—	—	—	—	—	—	—	

Guidelines for assessing leakage current measurements.

Reference:

Sprague Operating Manual Model TO-6A. North Adams, Mass.: The Sprague Products Co., 1977.

(Everett Hoard, 403 S. McIntosh St., Lehr, ND 58460)

Everett Hoard, an A.R.C. advertiser, is the proprietor of Frontier Capacitor, supplier of a wide variety of capacitors. He may be reached at 403 S. McIntosh St., or Box 218, Lehr, ND 58460. Phone: (701) 378-2341. Fax: (701) 378-2551

A Circuit Oddity Explained

BY RAY BINTLIFF

COMPILED FROM INFORMATION PROVIDED BY F.M. BARTON AND DAN MERZ

An article by Chet Gehman in the February 1996 issue of A.R.C. described an unusual IF circuit used in some Philco radios. This circuit employed a third coil in an IF transformer that was connected to the suppressor grid of the IF amplifier tube. Chet is not stumped easily, but he found this circuit mystifying and sought an explanation from A.R.C. readers. Two readers rose to the challenge and their explanations of the circuit are described below.

AN UNUSUAL CIRCUIT

This circuit is quite different, and its operation is not obvious. But an old manual from the Sprayberry Academy of Radio offers the following explanation of the purpose of the third coil: "Stabilizing coils will be coupled to the transformer which in turn may be connected to the sup-

pressor or screen leads... They serve to broaden the peaks and aid in high fidelity reception."

Chet had considered the function of the third coil to be an attempt to broaden the IF bandpass. However, he could not confirm this theory either by listening tests or the use of test instruments.

Another theory holds that the third coil prevents oscillation in the IF stages by introducing negative feedback.

While these explanations seem reasonable, the theory behind the third coil seems to remain something of a mystery. Maybe Chet can return to his workbench with a fresh cup of coffee and provide some new evidence.

(Ray Bintliff, 2 Powder Horn Ln., Acton, MA 01720)



RADIO MISCELLANEA

"Antique Radio Classified" invites its readers to contribute letters and information for inclusion in "Radio Miscellanea" and elsewhere in the magazine. "In The Marketplace" is based on information submitted by the businesses themselves. All topics should be of general interest and sent to A.R.C., P.O. Box 2, Carlisle, MA 01741. All material submitted should be verified for accuracy and may be edited for publication, which is not guaranteed. See the masthead for more details.

Shaw Television

Dear Editor:

I saw a "Help" classified ad in the June A.R.C. on page 79. The following may be of interest to other owners of this set or similar RCA 630 TVs.

I was a TV tech in the early 1950s and my store carried Shaw TVs. Basically a cabinet manufacturer in Brooklyn, N. Y., the Shaw Company built and decorated cabinets for 17-, 20-, and maybe 21-inch CRTs. The electronics was a modified RCA 630.

The major modifications typically consisted of the following: 1. Using a Standard Co. turret-type tuner rather than the RCA wafer switch tuner with the three Type 6J6 tubes. 2. Adding keyed AGC. (The original 630 had no AGC.) 3. Using high horizontal deflection voltage. The larger CRTs had a greater deflection angle and required more high voltage. 4. Modifying some vertical circuits for increased sweep by changing the vertical output 6K6 to a 6V6 or a 6S4.

Cleo Zymaris, Northport, NY

On Current Radio Prices

Dear Editor:

At the risk of preaching, I feel compelled to comment about antique radio prices. The recent spectacle last October at the Henry Ford Museum provided the prompt. Another prompt was the promotion of a recent radio fest with a theme (to paraphrase a bit), "Isn't it great how high prices are going?" Yet another prompt was the claim of one collector that prices reflected in A.R.C. for some transistor radios have shot above Catalans overnight.

I find it difficult to understand how anyone truly engaged in radio collecting as a hobby can be enamored of prices climbing so fast. I am enamored of radios, not of the worth of my collection or of how much money I have made selling radios. While recognizing that some professionals work very hard to buy and sell radios for a living, the average collector does not have a lot to spend on radios. Our continued involvement in this great hobby depends on adding affordably to our collections. The real thrill comes from a "find" or new acquisition. If the thrill is lost for financial reasons, then interest is lost.

Other hobbies have met their death, and the cause is the increase in prices beyond the means of the average collector. Supply and demand will work their course, but let's not aggravate the situation by promoting high prices.

Dave Gonshor, Littleton, CO

Army Receiver Articles?

Dear Editor:

I would sure like to see articles about the BC348 army receivers. I have one that works great, and I'm sure there are readers out there who would be interested to see what type of modifications were made to these sets, and what their history is.

Alan Deplae, Roseville, MI

We're always open to offers of articles on this or any radio-related subject. (Editor)

Radio Dreams

Dear Editor:

I'm a new subscriber! I love this publication, but I've learned not to read it before bed. I'm fairly new to collecting transistor radios, and the other night when I read the ads before bed, I kept having "radio dreams" about finding all the radios I want! Keep up the great work.

John Gardner, West Hartford, CT

A Happy Radio Camper

Dear Editor:

I just wanted to report about the greeting I got after sending in my first subscription to A.R.C. My first issue had an article on the very radio I had just purchased, the one that got me interested in A.R.C. — the Philco 46-1209 sitting and working in my living room.

Since I wanted spare tubes for this set, I sent John Snow of Wisconsin a letter about the tubes he had advertised for sale. The next thing I knew, there was Mr. Snow on the phone. We agreed on a price, I mailed a check, and soon an express package was at the door! Mr. Snow had sent me three tubes without waiting for the check! He made my day and my heart happy.

Then I saw Joe Smolski's ad for phonograph needles. I sent in my order, and low and behold, Joe called me a few days later to talk about my interests. When I received my order, about 20 free steel needles were included! He also sent a SASE and asked me to let him know how the needles worked out. They are great, and another order is on its way!

Antique radios are a great hobby, and the people I have met make it fun, honest, and happy. I think I will stay awhile and sit a spell.

Robert Gardner, Fort Pierce, FL

In The Marketplace

Electron Tube Enterprises (ETE), owned by Dick Bergeron, announces the availability of a free catalog. The company deals in surplus electron tubes and offers over 2,000 different types of new, old stock tubes, as well as a large variety of pretested, reboxed used tubes.

One example of an ideal curiosity item available is the "paper weight" tube. This military tube is a machined polished aluminum cube, measuring a little less than 2" square and weighing about one pound.

Also offered are photo copies of old radio, TV, and audio amps schematics at \$2.50 each, regardless of how many pages need to be copied. Copies of most older RCA Radiola radio and speaker manuals are available at \$5.00 each. Limited quantities of old radio belts (General Cement and JFD) at \$5.00 each are also in stock.

Prices are competitive, and all orders are processed with 24 hours of receipt. ETE accepts payment by MasterCard and VISA. To receive a free catalog, write or call: Electron Tube Enterprises, Box 8311, Essex, VT 05451. Tel.: (802) 879-1844; Fax: (802) 879-7764; Email: ETETUBES @ aol.com



CLASSIFIED ADVERTISEMENTS



WANTED: Juvenile radio books, Bob's Hill Boys On the Air and Uncle Wiggley's Radio. Robert Stapleford, 1800 S.W. Randolph Ave., Topeka, KS 66604

WANTED: Antique demonstration, scientific apparatus. Electrical and optical. Early microscopes. Allan Wissner, Box 102, Ardsley, NY 10502. (914) 693-4628

WANTED: Lists of radio stations pre-1980, including World Radio Handbook, Broadcasting Yearbook, Whites Radio Log (including photocopies). Ralph Marson, 8070 Busch, Centerline, MI 48015. (810) 754-3808

WANTED: Fisher 8C AZ amplifiers. Chip Schmidt, 2024 Hilton Dr., Cedar Falls, IA 50613. (319) 277-8904, 8-10 pm CST, or weekends

WANTED: Knobs for Zenith Royal 900 and Emersonette 540. Frank Schoen, Box 2370, Winnipeg, Manitoba, Canada R3C 4A6. (204) 888-6120

WANTED: Radio Boys book series. Gregory Sheppard, KA3DBG, 4402 Jupiter St., Rockville, MD 20853-3255

WANTED: Hi-fi speakers, theatre/auditorium speakers. Coaxial/triaxial, corner speakers, horns, drivers, crossovers, & parts. Altec, Electro-Voice, Western Electric, Jensen, Tannoy, RCA, IPC, Stephens, Heath, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

WANTED: Vacuum tube construction project articles that appeared in old magazines like Science and Mechanics and Popular Mechanics during the 1940's and 1950's by authors Thomas Blanchard and others. Richard Matiassek, 2212 S. 139th Ct. Apt. #3, Omaha, NE 68144

WANTED: Fisher FM-90-X tuner. Stancor 10P transmitter. National HRO 5A1 receiver. **FOR SALE:** Stromberg-Carlson Model AU-58B 6L6 audio amp. Thanks! Tom Smith, N5AMA, 13034 Elmington Dr., Cypress, TX 77429-2062. (713) 376-3436, evenings

WANTED: Phonograph related items: Best prices for Vogue picture records, Edison, Columbia, and any wax cylinder records, toy phonographs, needle tins and cutters, Nipper, record dusters, puzzles, fans, calendars, pocket advertising mirrors, dealer lapel pins, phonograph toys, posters, broadsides, original dealer advertising items from Edison, Victor, and Columbia. Thanks. Bernie Seiberg, 714 Moredon Rd., Meadowbrook, PA 19046-1907. (215) 886-6124

WANTED: Millen low frequency GDO coils #46704 (325Kc-600Kc), #46705 (220Kc-350Kc). Michael Burke, PO Box 439, Westminter, MA 01473. (508) 874-0908

WANTED: National SW-3 and/or power supply 5880, plug-in coils. James McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160

WANTED: Two brown plastic dial panels with brass vernier knobs for AK Model 2 breadboard. Larry Babcock, 8095 Centre Ln., E. Amherst, NY 14051. (716) 741-3082

WANTED: First transistor radios of any company, like NEC NT-61, GE 678, Philco T-7, Motorola 56T1, etc.; any transistor radios used with oval transistors; Japanese-made tube portable radios, like Koyo, Crown, Excel, Grobal, etc. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, Japan. Fax: 011-8145-301-8069

WANTED: Clarostat volume control switches Type A, they mount on rear of controls, need about 10-25 of them. Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 251-3714

WANTED: Always looking for unusual horn speakers, early crystal sets, detectors, scarcer early battery sets, wireless. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone: (919) 851-1517

.....
A.R.C. Advertising Policy
Sellers and Buyers, Please Note!
Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and non-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.
.....

WANTED: Spartan Polo Club radios. Victor Zummo, 20344 Mobile St., Canoga Park, CA 91306. (818) 883-8468

WANTED: Send me your cracked, your shattered, your demolished Catalins, yearning to breathe free. Jim Leckrone, 12174 Lynn St., Bear Lake, MI 49614. (616) 864-3365

WANTED: Philmore 2-transistor Reflex portable radio, sold as a kit in late fifties, white plastic, about 8" x 10" x 1 1/2". John Grady, 300 Foster St., Littleton, MA 01460

WANTED: Automatic tuning unit for Zenith Model 563, 60 or 64 console. Larry Wilson, 310 75th Ave. No., Myrtle Beach, SC 29572. Phone/fax: (803) 449-5839

WANTED: Old microphones, especially those made by Astatic, Shure, Turner, etc., bullet shapes and others. Thanks to all Dennis Gruenling, 26 Dupont Ave., Piscataway, NJ 08854. (908) 752-5737

WANTED: Brass blade fans, cash or trade old radios. Dave Friedlund, 36006 S.W. Bald Peak Rd., Hillsboro, OR 97123. (503) 628-1439. E-mail: Davaf@Teleport.com

WANTED: Any help and information on SAIT receivers. Thomas Peters, PO Box 3925, McAllen, TX 78502.

WANTED: Radio Troubleshooting Guide Book Vol. 1 by Rider and Johnson 5 1/2 x 8 1/2, 160 pp., #149. H.I. Stark, K9UBL, 3215 S. Meridian St., Indianapolis, IN 46217. (317) 788-1210

FOR SALE: Sams Dial Restraining Guides (copies) DC1 - \$15; DC2, 3, 4, 5, 6 & 8 - \$10 ea. \$1/book postage. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

FOR SALE: Rider's Manuals 1-14 - \$300. Rider's TV Manuals, like new, 1-15 - \$250 or BO. Case 20's AC set - \$40. Erla 20's TRF - \$40. Hammarlund Hi-Q 6 wt - \$75. Zenith 7S363 console, restored - \$250. Zenith 5808, restored - \$250. Zenith 6S150, vg but needs stops on bandswitch - \$125. AK 185A, restored, gorgeous - \$190. Spartan 10, restored, chip in dial - \$195. 201 tubes - \$10 ea. AK 808A console, restored - \$210. Ray Lamont, 70 Litchfield Rd., Unionville, CT 06085. (860) 675-6327. E-mail: snip@ix.netcom.com

FOR SALE: RCA early aircraft transmitter & receiver AVT-112A & AVR-20A1, excellent - \$130. Rauland-Borg Model 1904 audio amp - \$60. Hallicrafters S40B - \$70. Shure 55 mike with Rauland-Borg label - \$60. William Ernst, 16300 Campbell Rd., Comins, MI 48619. (517) 848-5002

FOR SALE: Pilot tnr AF-824, Craftsman C-10 tnr, Natl. 20-A int. amp - \$25-\$45. UTC LS-666 - \$200. Agreed? Renee May, 1242 N. El Centro, Los Angeles, CA 90038. (213) 464-9179

FOR SALE: English Amateur Radio Handbook 1939, Radio Society, Great Britain - \$30 + \$5. Earle Drake, Box 1808, Hyannis, MA 02601

FOR SALE: Satisfaction guaranteed on all items! Fada 652 butterscotch, small crack, otherwise in excellent restored condition - \$400. Rare Kennedy Model 63 cathedral in excellent original condition - \$375. Edison Type A, Model E, S.N.-1717 dictating machine - \$100. Philco Model 70 grandfather clock, pickup only - \$300. Eveready Model 1 with matching Model 1 speaker - \$200. Send a SASE or call: Neil O'Donnell, 1809 Sampson St., Butte, MT 59701. (406) 494-8162, after 7 pm weekdays or anytime on weekends

FOR SALE: Zephyr GR-376, tan, hairlines - \$40. Windsor 8 transistor, black, hairlines - \$25. Zenith Royal 500D, black, excellent - \$40. Omegas Deluxe Ten, new in box, white - \$30. Gary Watkins, 8006 Greenwald, Belton, MO 64012. (816) 322-0773

FOR SALE: Citizen band radio collectors attention: A pair of Heathkit CB-1 radios, no mikes but complete for - \$125/pair plus \$20 shipping. Will include 3rd unit for parts and also service information. Maurer TV, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481

FOR SALE: AK 627 - \$500, and Regency TRIG - \$350; both in very good shape. **WANTED:** Majestic 5T. Frank Prince, 3316 Tenth Ave., Racine, WI 53402. (414) 639-9307

FOR SALE: Addison 5F, black/butterscotch, excellent condition, no imperfections, no knobs - U.S. \$850. Paul Williams, 82 Clegg St., Ottawa, Ontario, Canada K1S 0H8. (613) 233-6982

FOR SALE: RCA consoles: 13K, very good - \$145; 19K, excellent, (F.O.S., p. 155) - \$110. Dennis Schrank, 3129 S. Quincy Ave., Milwaukee, WI 53207. (414) 744-3374. Fax: (414) 744-8780

FOR SALE: Russian book (English translation) Fundamentals of Radio, has U.S.S.R. history of radio - \$25. Harry Blesy, N9CQX, 9S740 Clarendon Hills Rd., Hinsdale, IL 60521. (708) or (630) 789-1793

FOR SALE: Heathkit Model V7A voltmeter - \$25. Heathkit RF signal generator SG8 - \$25. Both for \$40 plus UPS. Untested, cosmetics good. Would trade for good Philco 20L lowboy chassis and speaker. Ken Armstrong, Box 216, Storm Lake, IA 50588. (712) 732-3012

FOR SALE: Sony Watchman TV. 1986 Los Angeles Rams model - \$50. Toshiba 6TP-309A transistor - \$90. Suzanne Wyatt, 4403 Boyd Rd., Dearborn, MO 64439. (816) 992-8811

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WANTED: WWII Japanese military radio of any kind; anything WWII Japanese aircraft related. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, Japan. Fax: 011-8145-301-8069

WANTED: Unassembled kits. Open frame toy motors. Stylus for STAX Model CP-Y, ECP-1 phono cartridge. Gilbert American Flyer train transformer Model 16, with blue glow rectifier. Richard Matisek, 2212 S. 139th Ct. Apt. #3, Omaha, NE 68144

WANTED: Tube amps, preamps, compressors, equalizers, tubes, parts, etc. Altec, McIntosh, Western Electric, Marantz, Puftec, Langevin, Fisher, Scott, Dynaco, Leak, Quad, Lowther, etc. K-66, K-77, KT-88, WE 300A, 300B, 350, 274, 275, 845, 211. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

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WANTED: Western Electric 713C, Lansing 801 driver, Fairchild SM1, 232 cartridges and 412-4 turntable. Vincent Gallo, 532 LaGuardia Pl., #600, New York, NY 10012. (212) 274-0432

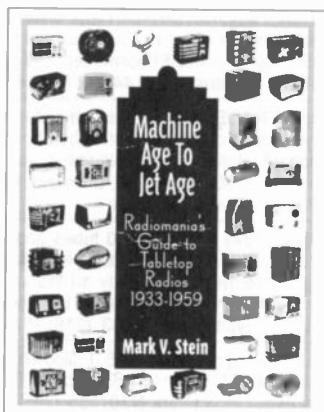
WANTED: Pre-1950 Farnsworth TV stuff: TV's, early TV tubes, equipment, related TV literature. Fred Ringwald, MSC #293, PO Box 901, Elmendorf AFB, AK 99506. (907) 392-3217

WANTED: Parts for HQ-170A receiver. Will trade ARC-5 transmitters for ARC-5 receivers. James E. Inglett, Rt. 1, Box 248A, Midway, AR 72651. (501) 431-8430

WANTED: Speaker unit(s): Jensen A15 (field coil), Stephen Tru-Sonic 103, and all models. Altec/WE early drivers: 288, 416, 515, etc. WE tubes Type 348. UTC S Series transformer. Pablo Wang, PO Box 3232, Cerritos, CA 90703-3232. (310) 769-9529, beeper. Fax: (310) 802-9014

WANTED: Frequency meters & power supplies LM10/13/14/21 & BC221. David Boardman, 10 Lemaistre, Sainte-Foy, Quebec, Canada G2G 1B4. (418) 872-4552

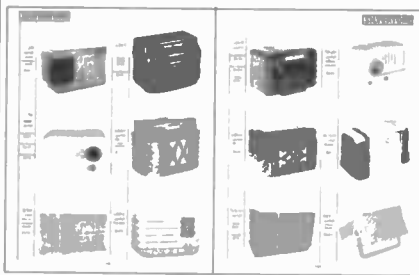
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FOR SALE: Catalin repo glass dials: Addison No. 5, Sentinelle 284, Fada 652, DeWald Harp, Bullet 1000 and 115. Also available any size round convex glass, old new stock for tombstones & floor models. Gregg Jewett, 1905 First St., Sandusky, OH 44870. (419) 625-2319

FOR SALE/TRADE: Radiola V, incomplete. Also, Radiola crystal set, complete. For Arborphone/Cavac/International/Kadette - Offers? Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please

FOR SALE: Have over 100,000 tubes and parts for 1920's to 1950's radios. Many items listed in our new catalog #5. See 1/4 page display ad this issue. Party of Past, Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 251-3714

FOR SALE: Guild roll-top - \$595. Philco 70 or Stromberg cathedral - \$400. List LSASE. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374

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FOR SALE: TV accumulation, mostly Predictas and Pilots, 70-75 pieces, none sold individually! - \$20,000. James S. Maxwell Jr./Virginia Caputo, Box 367, Lampeter, PA 17537. (717) 464-5572, (717) 464-5573. Fax: (717) 464-5592

FOR SALE: Emerson 988 Rambler, red, almost like new, includes original gift box, leather case, earphone and instructions - \$150 + UPS. Phil Van Praag, W282 S3580 Ringneck Ct., Waukesha, WI 53188. (414) 524-9856

FOR SALE: Fairchild oscilloscope camera Model F-286 (Polaroid), complete in case - \$50 plus UPS. Jack A. Freeman, 2512 Sunnycrest Dr., Reidsville, NC 27320

FOR SALE: Hallicrafters WR-60, nice shape - \$40 plus shipping. Al Manieri, 384 Bates St., Phillipsburg, NJ 08865. (908) 454-3699

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FOR SALE: Radio books: How To Use Meters, Rider, 1st Edition - \$35. Sams CB Manuals Vols. 1 and 3 - \$25 ea., both \$40. Sams Scanner Manuals SD-2, SD-4 - \$20 ea., both \$30 ppd. Radio Servicing Course, Beitman - \$26. RCA Transistor Manuals SC10 - \$10; SC12 - \$15. Sams Television Course, 1949 - \$25. Radio TV Retailing magazines, have early radio-TV ads - \$15 ea., [6?]/ for \$70. Simpson VOM owners, must have booklet, 1001 Uses For 260 VOM - \$35 only one, and much more. Large SASE for new radio book sale list. Maurer TV, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481

FOR SALE: Atwater Kent 33 - \$95; 40 - \$65; 46 - \$60; 627 cathedral - \$350. Air Chief 4A-24 - \$50. Airline 14BR-736A - \$65. Arvin 522N - \$80. Automatic Tom Thumb bike radio B-44 - \$95. Browning RJ-14 AM/FM tuner - \$100. Crosley I1AB - \$50; 66T - \$65. Emerson 414 ivory plastic - \$50; 520 Catalin - \$100; DP332 - \$65. Deico R-1234, ivory - \$50. Philco 37-62 Deco - \$75; 37-602 - \$65; 38-93 tombstone - \$65; PT-49 - \$55. Radiola 20 - \$140; 61-6 \$45. Royal Radio Corp. Polly Royal, nice - \$195. RCA T4-8 cathedral, painted - \$90. Globetrotter 66BX - \$35. Westinghouse H397T5 - \$50. World radio receiver - \$95. Sonora LLS -179 - \$60. Zenith T-600 Trans-Oceanic - \$50; 5D-611 - \$50. Zenith 1/2 round console, nice. Speakers: Oneal cone - \$45; Newtone cone - \$45. Atwater Kent F4-A - \$50. Majestic horn - \$75. Radiola UZ1325 - \$150. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200

FOR SALE: Crosley 50A, rare, excellent - \$250. (5) 201A's N.I.B. - \$75. Call 7-10 pm. Mike Heffner, 501 S. Market St., Muncy, PA 17756. (717) 546-2907

WANTED: Spark transmitters and loose coupler type crystal receivers: prewar Japanese QSL cards. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, Japan. Fax: 011-8145-301-8069

WANTED: Old guitars/guitar amps, microphones, Fender, Vox, Gibson, Magnatone, Supro, Valco, Gretsch, Danelectro, RCA, Altec, Univibe, FuzzFace, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

WANTED: Catalin Emerson Patriot/Aristocrat case. Already have chassis. Bob Zuch, PO Box 4242, Chatsworth, CA 91313. (818) 719-2608. (818) 700-0980

WANTED: Microphones, broken or working; tube broadcast; recording and broadcast books, magazines. Mike States, Box 81485, Fairbanks, AK 99708. Ph/fax: (907) 456-3419

WANTED: Info on model Crosley used in Repwood radio cabinet. Also still looking for Orpheus radio for Orpheus radio cabinet. Would appreciate any help. Ralston Bailey, Rt. 1, Box 479, Benton, TN 37307. (423) 338-5923

WANTED: Hallicrafters R/TW-1200 portable SW radio in near mint cond. Also, Grundig 4192. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

WANTED: Rohde & Schwartz receiver Model EK07, Squires Sanders receivers, any manuals. Harry Weber, 4845 W. 107th St., Oak Lawn, IL 60453-5252

WANTED: Binding post assembly for RCA Radiola II. Dave McClellan, 1086 Trailridge Ln., Atlanta, GA 30338. (770) 399-6704. E-mail: drm@atl.hp.com

WANTED: Tube chart for B&K 650 tube tester (Xerox copy OK). Owners manual and service data for Garod Model V radio. Thanks! Phil Van Praag, W282 S3580 Ringneck Ct., Waukesha, WI 53188. (414) 524-9856

WANTED: Cutting & Washington. Anything: sets, factory paper, parts, or ?. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone: (919) 851-1517

WANTED: E.H. Scott Laureate Grande, paying top dollar. Robert Alexander, 20 Haycamp Rd., St. Paul, MN 55127. (612) 483-6177

WANTED: 01-A duds, at least one-half doz. Wallace Schultz, 1502 West Benjo, Norfolk, NE 68701. (402) 379-2866

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WANTED: Manual for RCA Master Voltomyst WV-95A. Photocopy OK. Cecil Grace, PO Box 5127, Asheville, NC 28813. (704) 274-8224

WANTED: Knight Kit R-195 receiver, Knight Kit Star Roamer II, Knight Kit T-175 six meter amplifier, Heathkit GC-1005/1094 clocks, Heathkit GC-1195 grandfather clock, HP-4332 RLC meter, Allied Radio and Lafayette catalogs 1965 to 1968. Dave Wood, 106 Rowe Ave., Wilson, NC 27893. (919) 291-2595, or e-mail: WB4KPD@coastalnet.com

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FOR SALE: History of Broadcasting, 1890's to 1970's by Erik Barnouw, 3 volumes mint cond. with dust covers - \$100 ppd firm. G.M. Crabtree, Box 110, Lewisburg, PA 17837

FOR SALE: Steinite DUCO, Kennedy 26, other radios, parts, tubes, etc. List LSASE. W.F. Horn, 13110 Marsh Rd., Bealeton, VA 22712. (540) 439-9781

FOR SALE: Liquidating collection: (300) battery and electric radios, 1924-1960's, TVs 1947-1950's. New picture tubes. (5,000) new in box radio tubes. Rider's and Sams from 1-23. Vintage test equipment, parts, supplies. Speakers and horns. Calvin O. Mackey, 97 Edinburg St., Rochester, NY 14668. (716) 546-6383

FOR SALE: Koyo Model KR-91F - \$10. Singer Model HE-5110R - \$10. Sony Model 2R-27, complete - \$25. Sceptre Model NTR-225, new in box - \$75. Matsushita Model T-41 - \$10. Emerson Model 31P56 - \$10. Sony Model 4R-51 - \$7. Midland Model 10-006, red - \$6. RCA Model 1-RJ-19 - \$8. Panasonic Model RF-811 - \$10. ITT Model 6409F - \$10. Mitchell Model 1297 - \$20. Monacor Model 28, Globe transistor radio - \$25. Juliette Model AK-661 - \$20. Tom Bates, 1928 N. Braeswood, #11, Houston, TX 77030. (713) 799-1725

FOR SALE: Webster-Chicago wire recorder Model 180-1, looks good with original microphone and 2 wire reels. **WANTED:** Hallicrafters SX-96, SX-100, Trans-Oceanics. Greg Yost, 744 Patterson Lake Rd., Pinckney, MI 48169. (313) 878-2465

FOR SALE: Los Angeles made horns: Advance Electric (Falck) - \$600; and Chanson Labs - \$250. Magnavox horn M3 - \$250. Radio Shop (Echophone) horn - \$275. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

FOR SALE: Zenith Trans-Oceanic Model A600, excellent - \$125. Tube tester Heathkit IT-17 with additional charts for foreign, old, and transmitting tubes, very good - \$50. Picture tube tester/revenerator Sencore CR-13 complete with all adaptors and charts, excellent - \$50. Key Vibroplex round shaft, two weights, red bug, Ser. #119691, good - \$65. All items plus shipping. Roger Snowdall, 8405 Everett, Raytown, MO 64138. (816) 356-0396

FOR SALE: Amps! This is it, I've found a very cool car out here in Az. and now I have to pay for it. From my amp collection, as seen in my book, Amps!: '65 Fender twin reverb, exc++ JBLs; '62 Vox AC30, vg, blue Celestions, back-mount top boost...; Rickenbacker Transonic, mint, original late '60's NAMM show sample, I am first owner. I bought this amp direct from Rick in original NAMM crate w/footswitch, AC cable...; Vox Super Beatle, all original vg, stand, footswitch...; assorted other amps and cabinets - Ampeg, Hiwatt, Kustom... All in vg-exc shape, rack gear, racks, parts, etc. - \$9,000 for all of it. Pick up only! Phoenix. Ritchie Flegler, PO Box 18247, Fountain Hills, AZ 85268. (602) 837-2918

FOR SALE: B&K 707 tube tester, exc - \$70. NRI 33 signal tracer, vgc - \$40 + UPS. Bob Bakinowski, 1524 Saint Tropaz, Tucson, AZ 85713. (520) 624-8029

FOR SALE: Radios, misc., SASE list. Farnsworth GT-051 tabletop, hums - \$20 + \$8 shipping. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614. (No phone)

FOR SALE: Loose coupler made from wood, double tapped primary, single tapped secondary, interesting - \$75. Zenith Royal 2000, AM-FM - \$65. AK speaker, 8", with grille cloth, 4-prong plug - \$70. Restorable Musc-aire Bakelite, left bullet, repainted poorly, bottom crack, no dial glass, has back - \$65. RCA 9X641 for parts, call. Emerson 559 for parts, call. McMurdo Silver 911 sweep-signal generator - \$15. Thanks. Del Tysdal, Rte. 1 Box 157, Glyndon, MN 56547. (218) 287-2562

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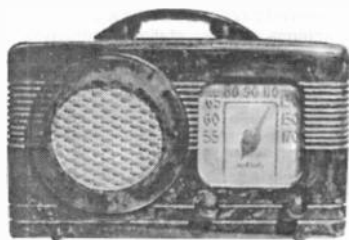
For Information Call: Ed App (513) 865-0982 or Randy Frasure (513) 253-4330

Admission is Free!! The public is invited. Bring a friend!

WANTED: National SW-54, Hallicrafters S-40, 52, 72, 77, TW1000, 2000, Zenith Trans-Oceanics, radio should be original, exc condition and plays; prewar Japanese QSL cards. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, Japan. Fax: 011-8145-301-8069

WANTED: Wholesale sources for modern u-frame variable air condensers, 200 to 400 mmFd.; headphone cords. Turke, PO Box 2288, Hollywood, FL 33022

WANTED: Farnsworth Model 16E record changer found in Capehart phonographs; Cobra-Matic changer Model S-13675 or S-14006 found in 40s Zenith consoles; copy of manual for operating the phonograph for Zenith 12H090. Plastic trim for push buttons on a Truetone D-714 (Series A); owner's manual for same; Orthophonic reproducer parts; opera posters. Norm Secor, 3333 Grand Ave., #361, Des Moines, IA 50312. (515) 277-4243



WANTED: Motorola Catalins #'s 50XC, 51X15, and 52, as complete or "parts" sets. I am a very serious collector seriously looking for serious stuff (leaving all kidding aside, of course!) Please write or call collect: Rain Buttignol, 214 State St, #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Drake AL-4 loop antenna. For Drake SPR-4. William Honer, 22480 West Rd., Apt. 105, Woodhaven, MI 48183. (313) 676-5161, after 6 pm EDT

WANTED: Thompson S-70 Concert Grand battery radio. Parts set OK. Thompson horn speaker. Tony & Lynn DeMara, 40231 Day, Clinton Township, MI 48038-4739. (810) 263-0325

WANTED: Knobs for Admiral 20X11 television, and 51 Studebaker radio. Also want complete Motorola Model 553 universal under-dash car radio. Roy Yost, 30 Clinton St., Redwood City, CA 94062. (415) 369-0890, home

WANTED: Dad manufactured over 12,000 portable tube testers but forgot to keep even one to play with now! [See A.R.C., April 1992]. Up to \$100 for premium copy of the ASD Model TV-20A in red leatherette suitcase. John Anthes, 50 Forest Park Rd., Cedar Crest, NM 87008. (505) 281-0834

WANTED: Montgomery Ward Airline 62-177 and the 3 to 1 transformer between the 1st and 2nd of tubes for a Freed-Eisemann NR-7. Mark Mowrey, 510 S. 12th St., Clear Lake, IA 50428. (515) 357-3492

WANTED: Globe Scout 66 or 65, must work perfect. Robert Polhamus, 1107 Second Ave., Apt. 608, Redwood City, CA 94063. (415) 367-1660

WANTED: Preiss Straight 8, Straight 9, PR3 or PR4; King 71 Commander, Mu-Rad MA17, Radiola 25, Radiola 28, Fada 7 table model. Bob Putre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

WANTED: Zeniths 6D615, dead or alive, junkers, complete - in complete sets, buying for parts. Pay your price. Michael LaPuzza, 2015 E. Willow Creek, Mustang, OK 73064-6146. (405) 745-3394, after 7 pm CST

WANTED: Radiola III parts, tube socket, 4 term. trans., ant. term. nut. Thanks. Jim Coe, 6265 W. Patrick Ln., Las Vegas, NV 89118. (702) 871-3090

WANTED: Nordmende Globe Traveler Jr. I, II or III, playing. Please send picture, specs, price. R.M. Marchand, 177 Hale Ave. 1B, White Plains, NY 10605 Fax: (914) 328-4011

WANTED: Atwater Kent consoles: 435, 448, 469, 475, 487, 525, 535, 577, 612, 665, 676. Dennis Craft, 10513 E. Clinton, Scottsdale, AZ 85259. (602) 860-8951, after 5 pm MST

WANTED: Dead or alive!! Jensen Alnico 5 Concert, Special design loudspeakers. Fairest bounty paid!! Peter F. DeGregorio, 45 Moritz Pl., Fairfield, CT 06430-3504. (203) 331-9155

WANTED: Xerox copy of instructions for Kitcraft Model 200 1-tube radio kit. Mike Bittner, 27215 Sunnyridge Rd., Palos Verdes, CA 90274. (310) 377-4797

WANTED: BC-222 or BC322, WWII walkie-talkie, and/or parts for it, (AN-29, AN-29B, AN-30, AN-30B, BG-71, Handset TS-11 (suffix a thru F) or HS-22 (suffix A thru C), and microphone T-24 (suffix A-F). Also TM 11-238. John Field, 2335 Benton St., Santa Clara, CA 95050-4432. (408) 246-1383, most evenings to midnight

WANTED: End bell-horn for Thompson speaker carbon-ring microphones, old stock market tickers, AM-FM Bakelite radios. Steve Puryear, 1310 Osprey Ave., Orlando, FL 32803. (407) 894-7743

WANTED: April 1963 CQ magazine. Jim Schliett, W4IMQ, PO Box 93, Cedartown, GA 30125. (770) 748-5968



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Among other items recently sold...

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Bill Johnson at 404-355-6308 or
Steve Davis at 770-413-2265

Larry Smith Email at lsmith4234@aol.com

SARS POB 500025, ATLANTA, GA 31150

FOR SALE: All are very good or excellent condition unless otherwise noted. Automatic 612X, some finish problems - \$75. Champion tall AM spark plug - \$100. RCA 64F3 - \$40. Westinghouse WR-28 tombstone, needs minor veneer repair - \$95. RCA 100A speaker - \$65. RCA X551, brown - \$40. Zenith H615Z - \$35. Silvertone 4500A, black - \$100. Philco 46-131, brown/ivory - \$35/\$30. All plus UPS. Jerry DeWitt, 1937 Love Cir., Simi Valley, CA 93063. (805) 526-5093. E-mail: jdewitt@rain.org

FOR SALE: RCA Nipper logo, reverse-painted dealership mirror-framed, approx. 21"x27" - \$200. Electra 1960's walkie-talkie - \$20. NM GE #P-977E, AM/FM '60's - \$20. Aiwa 5" stereo R/R #TP-1002 - \$75. Akai GX-4000-D 7" stereo R/R, excellent condition - \$100. Concord 350 S* - \$20. Realistic DX 360 - \$50. Realistic DX-440 - \$95. Star Trek AM/FM shuttlecraft radio, M.I.B. - \$60. Realistic LAB-1600 linear stackable turntable, motorized tray comes out for loading - \$75. N.I.B. Parsec antenna amplifier, station discriminator, rejects adjacent stations, AM/FM - \$50. Bret F. Johnson, 13495 102nd Ter. N, Largo, FL 33774. (813) 595-9287, leave message!

FOR SALE: Beitman's Most Needed Radio Diagrams, 1926-38, 1939, 1940, 1941, 1942, 1946, 1947, 1948, 1954 (2 copies) - \$100 for all plus S&H. Jeff Hoskins, 824 E. Madison Ave., Stuart, FL 34996. (561) 283-2291, after 7 pm

FOR SALE: Dynaco 400 power amplifier, 200 watts/channel - \$500 negotiable. Thomas N. Traks, 92 Main Ave., Sea Cliff, NY 11579. (609) 448-8744

FOR SALE: Huge horn loaded bass cabinets for (2) 15" woofers (not included) - \$400/pair. V. Vogt, 330 S.W. 43rd St., #247, Renton, WA 98055. (206) 382-5571

FOR SALE: New photo catalog, 150+ radios, phones, meters, etc. \$1 + LSASE, 2 stamps. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

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Type	Mod.#	Cont. Rat.	Lead	100-1000
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SPST	S128	4A/125V	Solder	.57 .47
DPDT	S126	5A/125V	Solder	.77 .67
DPDT/	S127	10A/125V	Solder/	1.17 1.06
On-Off-On		5A/250V	Screw	

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SPST	S131	6A/125V	Solder	.57 .47
SPDT	S132	6A/125V	Solder	.61 .51
SPDT	S129	6A/125V	Solder	.77 .67
Mom-Off-Mom		3A/250V	Solder	
SPDT/	S134	6A/125V	Solder	.77 .67
On-Off-On		3A/250V	Solder	
DPDT	S133	6A/125V	Solder	.77 .67
DPDT/	S135	6A/125V	Solder	.91 .82
On-Off-On		3A/250V	Solder	
DPDT/	S130	6A/125V	Solder	.91 .82
Mom-Off-Mom		3A/250V	Solder	

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WANTED: Bakelite radios from '50's especially Crosley; streamline style radios, metal or chrome grille radios from '40-'50's; need picture. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, Japan. Fax: 011-8145-301-8069

WANTED: Info about Sony TR-510 made in Hong Kong! Darryl Rehr, 2591 Military Ave., Los Angeles, CA 90064. (310) 477-5229. E-mail: dcrehr@earthlink.net

WANTED: Mics: Shure CR80, 707A, 520SL, 705, 545, 54PE. Turner BX/CX, BD/CD. Astatic T-3. All conditions. Also mic parts, elements, etc. Tom Ellis, Box 140093, Dallas, TX 75214. (214) 328-3225. Fax: 328-4217

WANTED: Hallicrafters SR-75. Tom Simek, 13002 S. 38th Pl., Phoenix, AZ 85044. (602) 496-0829

WANTED: B/W, color broadcast cameras, tubes, manuals, parts, etc. Pre 60's. Ross Marshall, 8055 Lankershim Blvd., #2, N. Hollywood, CA 91605. (818) 504-4135

WANTED: Early 1930's GE/RCA wood flower petal knobs. GE cathedrals: K60, K63 and K64. **FOR SALE/TRADE:** Rare Eimac 50-T tube; Airline 74BR-1502B (Bunis 2, p. 17) for a restorable cathedral. Richard Arnold, Box 275, Lone Grove, OK 73443. (405) 226-5626

WANTED: Schematic or service manual for Multimeter ME-297/U. Max Friedman, 10620 W. Clairmont Cir., Tamarac, FL 33321

WANTED: General Electric console radios Models G78 and LFC1118. Could pick up at Elgin Radiofest or in area. Bill Miedema, 101 Devonshire Rd., Tower Lakes, IL 60010. (847) 526-6131

WANTED: Hallicrafters S-39 Sky Ranger in excellent to mint condition only. Top dollar paid. Gordon W. Hullin, K2ZBU, 3666 Cold Springs Rd., Baldwinsville, NY 13027. (315) 622-0141



WANTED: Pilot set pictured and similar, also Pilots with drum-type dials. Pay to \$1,500 or have trades. Pay finders fee for information leading to purchase. Shipping from anywhere no problem. Thanking everyone in advance. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

WANTED: To buy collections of one or one-hundred fine radios. Phil Harris, The Radio Nuts, 45 Windsor on the Marsh, Savannah, GA 31419. (912) 925-1512

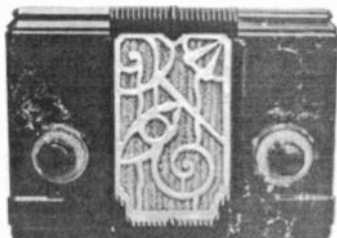
WANTED: Dial scale for Motorola 68L11 portable (Bunis 2, p. 118) or junker with a good dial scale. Chuck Regen, 2724 N. 27th St., Sheboygan, WI 53083

WANTED: AVO 163 tube tester, manual for Measurements Model 65-B signal generator. Christopher P. Demeroukas, 133 Basswood Rd., Springfield, IL 62707

WANTED: Guitars and amplifiers by Fender, Gibson, Ampeg, Gretsch, Silvertone, Martin, Marantz, McIntosh, Dynaco, etc. Peter F. DeGregorio, 45 Moritz Pl., Fairfield, CT 06430-3504. (203) 331-9155

WANTED: GenRad catalogs A thru P. J.W. Gardner, 4702 W. Lazy C Dr., Tucson, AZ 85745

WANTED: Manual or copy and any other information on Meissner analyzer radio test set. Thanks! Jim Gibbons, PO Box 200, Aydtlett, NC 27916. (919) 453-2004



WANTED: Early (prewar II) plastic radios. I collect these objects of beauty to enhance my otherwise dull and uneventful life to which I am forever bound by by sad-but true unworthiness and shortcomings: physical, emotional, and intellectual. Please write or call collect: Rain Buttignol, 214 State St, #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Knob set for Detrola Super Pee Wee, any color. Scott Boyette, 8551 Henderson Grade, N. Fort Myers, FL 33917. (941) 731-6398

WANTED: RCA 15-E record demonstrator, used in record stores circa 1950's, 2 turntables, blonde cabinet. Bob Green, WB3CRX, 1711 Breezy Acres Rd., Orwigsburg, PA 17961. (717) 366-3949

WANTED: Antenna, electronic, radio and vacuum tube hardback books. Sprague Tel-oh-mike. EV664 D104 stands. C.E. Strickland, Jr., AB6YW, 155 Perkins Ave., Vallejo, CA 94590-5711. (707) 642-5285

WANTED: Emerson 888 Explorer, red or white, excellent cosmetic condition only. Thanks! R. Matzko, 3 Coloma Ct., Sterling, VA 20164. (703) 406-2713

WANTED: WE 101D ST, new - \$17. WE 244A - \$16. WE 728B, pair - \$2,000. WE 754A, pair - \$1,800. WE 755A, pair - \$800. WE oil caps, WE 205F - \$50-\$90. AB/IRC carbon resistor but old. Kouji Matsuo, 6-2, Tsurumi-cho, Beppu-shi, Oita, 874, Japan. Fax: 81-977-23-9574

WANTED: Antique medical and scientific devices. Small brass-blade table fans, radios, phonographs. Richard Cane, 1333 N.W. 127th Dr., Sunrise, FL 33323. (954) 846-7116

WANTED: Old payphones and payphone parts. I pay top prices. Stanley Schreier, 350 Hendrickson Ave., Lynbrook, NY 11563. (516) 887-4966. Fax: (516) 887-4780

WANTED: Old transistor radios from 50's/60's, any condition: Zenith, Regency, Sony, Toshiba, etc. John Wetherell, 61 Hartford St., Natick, MA 01760. (508) 653-8118

WANTED: Heath SB-10 SSB adapter & Marauder transmitter. Robert Braza, N1PRS, 23 Harvard St., Pawtucket, RI 02860. (401) 723-1603

FOR SALE: All sets working unless otherwise noted. Radios: AK 711 console, good cond., pickup only - \$150; AK 317, exc orig. finish near new, beautiful! - \$250; AC-Dayton XL5, exc restored; 1 new AF, NT - \$150; US/Gloritone 3072 large cathedral, vg orig. cond. - \$200; Nordmende Tannhauser, exc orig. cond., early FM multiplex version - \$225; Tandberg R to R stereo recorder Model 85, exc - \$85 or take Nordmende and Tandberg together for - \$275. Televisions: Sony 8-301, exc, works after a few minutes, complete including leatherette carry case, original accessory box w/external antenna, battery pack and hood - \$225; Sinclair MTV1 micro-television, vg including AC adapter, orig. car adapter, European recharger and both antennas, works well - \$150; Pilot TV-37, vg, exc cond., plays perfectly, CRT like new - \$350. Telephones: German metal desk phone from 1920's, good cond. - \$150; German Model W48 desk set in grey, mint - \$125; Australian desk set, 1970's, exc - \$50; North Electric 300, vg-exc - \$50. All plus UPS. George B. Shields, Jr., 108 Jacques Ln., Somerset, NJ 08873. (908) 297-0363. Fax: (908) 297-2007. E-mail: George-Shields@msn.com

FOR SALE: Hickok tube tested Model 600A, red, in good cond. - \$35. Philco 1942 RMS Yearbook - \$8. All items plus UPS. Phone or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209-4711. (601) 922-2235

FOR SALE: Hallicrafters receiver, Model SX-18 Sky Challenger with matching speaker, excellent condition, asking - \$200 OBO + shipping. Harry Kundrat, 29 Walton Ave., New Providence, NJ 07974. (908) 665-1873

FOR SALE: Transistors: Elgin 10 transistor, AM-FM - \$15. Channel Master 6501, black - \$35. Emerson 911, black - \$25. GE 7-2753 Spirit of 76 with box and instructions - \$20. Diplomat AM-FM - \$10. Guy Forstrom, PO Box 159, Quinnesec, MI 49876. (906) 774-8116

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FOR SALE: Antenna Engineering Handbook, Johnson and Jasik, new, sold for \$95, 2 1/4" - \$35. RCA Tube Manual RC-23 - \$16. RCA Field Engineers Tech Manual - \$9. Howard Sams Parts Guide - \$15. Gernsback's Radio Encyclopedia 1927 org. - \$16. Radio Amateur Callbook, 1978, 1980 - \$9 ea. QST 1968 to 1975 in 8 binders, like new - \$9 per year. 25 Fun to Build Projects and Theory - \$6.50. Solid-state Hobby Circuits plus 2 other books, all - \$6. Tubes: 807 - \$16; 6080 - \$7; 8068 - \$15; 1625/VT36 - \$5. RK34 - \$5. Other old tubes. Rider Radio Vol. 10, binder not orig. - \$9. Superior Model TV11 tube tester - \$25. Heath utility solid-state voltmeter port. - \$12. AK 40 power pack less tube and cover - \$25. Radio Amateur Newcomer, Jones - \$3. Sams Radio Receiver Servicing Guide - \$5. Pilot 3" TV with orig. Pilot lens, orig. parts, clean, untested - \$265. Two small transistor style cathedral sets 4 1/2"-7 3/4", both for - \$13.50. Lot of (20) mixed tube sockets - \$6.50. RCA 149000 video disc stylus cartridge, N.O.S. - \$27.50. Zenith Model 55228 chassis, tubes, speaker, no cab., plays, power transf. gets warm - \$35. (100) assd. QSL cards - \$12. Radio News mags with tube Saga Series, was in 22 parts, per copy - \$4. Have watch case volt-amp meters - List. Kenwood KT 5500 AM-FM stereo tuner N.O.S. w/box - \$40. BSR McDonald AM-FM amp tuner - \$27.50. Back of radio ants or loop sticks - 75c ea. Lots of new used BW-color tube brighteners. Bundle later RCA TV and catalogs, 1970-1973, 4 1/2" bundle, all - \$17. Shortwave sets: Hallicrafters S85 - \$85 clean. SW 500, some hum - \$32.50. SR-10, needs clean up - \$30. Have pair yellow Catalin vases, 6 1/2" high, both - \$25. Radio solder, 1/2 lb. - \$4.50. 1 pound - \$6.50. Jensen PM 9" speaker and 14"x14" case - \$15. UV877 protective tube - \$3.50. 42B2 ballasts - \$3. RCA 100-A speaker less case - \$14. Have assorted radio ant. insulators. Photo flashbulbs. Type 201-A, brass base tip, open filament - \$9. Type 201-A, long or short pins, check low - \$7.50 ea. Have test equipment untested priced low. Will have box lots of parts, SASE list, 1,000's of unlisted parts, tubes, paper. Pop. Mechanics, The Young Craftsman - \$6. Volume Two Service Manual Seeburg Music Machines Service and Parts - \$25. Rewinding Small Motors, 1932 - \$6. Radio Handbook 11th, 1947 - \$19. 4 What to Make and Projects, all - \$15. Marconi-RCA stock certificate - \$32. Hawkins Electrical Guides, (5) assorted, all - \$14. RCA RC 30 tube manual - \$19. Radio Databook, 1,148 pages - \$18. Marcus 2nd Ed. Basic Electronics - \$12. A mix of Radio News, Radiocraft, Electronics magazines, 10 for - \$20. Spring wind 78 phono, motor?, no wind-up, handle - \$16. 1,000's of unlisted items, write wants, SASE. Min. parts orders \$8. All plus shipping. Krantz, 100 Osage Ave., Somerdale, NJ 08083. (609) 783-0400



WANTED

Amrad 3670 as shown, any condition. Also a Type E crystal set, 3500-2 and other pre-1926 Amrad sets & parts.

Andrew Mooradian, 5 Priscilla Lane
Winchester, Massachusetts 01890
tel. 617-729-1873 after 7 pm

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proudly invites members and guests to a 'grand weekend celebration' of twenty years of the Society - The Marconi Centenary and Sixty years of High Definition Television

on Saturday 21st &
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the two day programme will include:

A large exhibition covering a wide range of member's interests. Each decade of wireless and television development up to and including the transistor will be represented. Archive Marconi, Marconiphone and vintage television equipment will be on display. Early receivers will be working.

A traditional Harpenden 'Swapmeet' Collectors market packed with interest and opportunity to find that elusive item you have been looking for. You will find something you need at this event.

A 'quality auction' (absolutely no junk) of a broad range of vintage items. Overseas visitors are invited to bring items for auction and return home with something from the UK.

Lectures and simulated experimental work of Hertz, Marconi and Baird. Rare archive film and video material will be shown.

Vintage amateur radio station in operation
Restoration contest - 'bring and buy' and much more.

Members and guests from overseas will be welcomed. It is expected that many will come as part of a holiday. Harpenden is a small country town in the County of Hertfordshire near London and well known tourist venues. Heritage tours can be organised for wives and guests who may not wish to join in wireless activities. We will find comfortable and reasonably priced accommodation for those who prefer to stay in the area on Saturday night.

It will be a great occasion - put it in your diary now - Those from abroad should consult their travel agent without delay

Write to Ken Tythacott the Events Manager at 21 Barrett Road, Fetcham, Surrey, KT22 9HL, England enclosing SAE, or telephone 01372 452569 for further information.

FOR SALE: Large supply of power, audio, output, transformers, chokes, other parts, controls, radios, test eqpt., tube N.O.S., and pull outs. Plus more cash-carry. F. Krantz, 100 Osage Ave., Somerdale, NJ 08083. (609) 783-0400

FOR SALE: Western Electric 300 B - \$250. WE 275 engraved - \$150. WE 596 tweeter - BO. Telefunken VF 14 N.I.B. - \$1,000. Hickok 118 tester w/cards - \$225. Altec N500 xovers - \$75. Pair Fairchild 255 amps - \$1,000. Fairchild 412 in box - \$175. Fairchild 411, very rare - BO. ESL 9" arm in box - \$75. Neumann KM56 - \$1,000. Mint rare WE D spec 300A amp and network - BO. WE 7-ft. rack - \$200. **WANTED:** Fairchild 412-4 table. Fairchild SM1 or 232 cartridge. Lansing 801 driver. WE 713C driver. WE 252 tubes. Telefunken 221 mics. All Western Electric amps, speakers and tubes. Vincent Gallo, 532 LaGuardia Pl., #600, New York, NY 10012. (212) 274-0432. Fax only: (212) 274-9416

FOR SALE: Last complete set of eight mini replica radios, no longer made! - \$200 ppd. Herb Parsons, 5 Surrey Ln., Peabody, MA 01960. (508) 535-1009

FOR SALE: Marconi Type 31 3-tube 1924. Western Electric 7-tube superhet, 1924. E.A.C. (Electrical Appliance Co.) twin detector crystal set, 1923. H.P.R. Simplex 1 tube. Pre-broadcast, rare. Clandestine British military MK128, also MK328 radios. Hamley's (London toy store) school boy's 1914 Morse code station, original batteries, keys, warship picture on box - \$250. Jim Taylor, G4ERU, No. 5, Luther Rd., Winton, Bournemouth, BH9 1LH England. Tel/fax: 01202-510400

FOR SALE: Television literature collection. Radio and TV books, manuals, catalogues, magazines, Radio Boys books. Large list - SASE. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145

FOR SALE: Reconditioned BSR turntables (70-80's), reasonably priced. Kathy Beam, 506 Reservoir Rd., Gardners, PA 17324. (717) 677-7094

FOR SALE: 1925 Music Master loop antenna in all original condition - \$400. 1925 Bodine loop antenna in all original condition - \$300. Radio crystal tins, (12) all different - \$400. 1920's "Airline" tube rejuvenator in all original condition - \$100. Larry Dunn, 473 Serento Cir., Thousand Oaks, CA 91360. (805) 492-7111

FOR SALE: Oscilloscope, solid-state, dual trace, DC to MHz - \$149. John Kirby, 298 W. Carmel Dr., Carmel, IN 46032. (317) 843-2212

FOR SALE: Panasonic RF-4800 multiband, mint - \$325. Grundig TR-307 3-band portable - \$45. Zenith Royal 125 - \$25. Fada 790, ivory, mint - \$125. Zenith 8-tube AM & FM wood table - \$45. All plus shipping. Gerald Silver, 10863 W. Clarimont Cir., Tamarac, FL 33321. (954) 720-1972

FOR SALE/TRADE: Paragon RA10, Grebe CR9. **WANTED:** Paragon DA2, Grebe CR13, pre-1940 Collins transmitters. Stuart Mount, K2OA, 35 Grand St., Highland, NY 12528. (914) 691-7957

FOR SALE: Scott Sheraton cabinet for Philharmonic - \$350. **WANTED:** Scott AM-FM Phantom, Zenith 17A58. Dave Stampler, 45 High St., Stewartstown, PA 12263. (717) 993-3571

FOR SALE: Heathkit V7VM V7A plus backup kit - \$45. Globe 245 dud, Belmont 6D111 repro. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. (216) 331-9206

FOR SALE: General Electric Model L-321 - \$40. Philco Model 46-350 - \$45. RCA Model rdz-410 - \$25. Plus shipping. Don Sicksels, Box 174, Forestville, WI 54213. (414) 856-6651

FOR SALE: Philco 41-608 Beam of Light, dual arm, radio/phone, lights, no sound, nice cabinet - \$135. Zenith 5H40 Trans-Oceanic, nice, plays well - \$65. Zenith 5H40, not working - \$40. Gary Nitkin, 102 Long Highway, Little Compton, RI 02837. (401) 635-2816

NEW AND USED TUBES WANTED

We urgently need the following tubes. All tubes must be well known brands such as GE, RCA, Sylvania, Tung-Sol, Philips, etc. of U.S. or W. Europe manufacture. New tubes must be in their original boxes. All tubes are subject to inspection. Ship by UPS (ground); we'll mail a check to you upon receipt and testing at prices shown plus your shipping charges. Call or fax for buying procedures and complete bid list. Call before sending more than 10 pieces of one type of tube.

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01A.....\$9.00	6F6G.....\$5.20	12BH7A.....\$5.10	274B(WE).....\$85.00	6146B/8298A.....\$12.00
1L6.....8.50	6G5/6U5.....8.00	12DW7/7247.....9.00	275A(WE).....85.00	6267/EF86.....6.00
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5R4GY/AB.....3.40	6L6GC.....8.40	35LR6.....6.00	623.....35.00	7189/A.....5.30
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5Y3G.....3.80	6V6.....6.00	71A.....8.20	845.....80.00	8068.....20.00
6BK4C/6EL4A.....8.00	6V6G.....6.50	80(ST).....6.60	864.....5.00	8908.....27.50
6CA7/EL34.....11.00	10.....25.00	211(VT-4C).....35.00	5691.....15.00	8950.....25.00
6F5G.....5.80	12A.....11.00	274A(WE).....110.00	5692.....18.00	M-2057.....32.00

USED TUBES

01A.....\$5.00	10.....\$16.00	171/A.....\$7.00	245.....\$23.00	845.....\$31.00
2A3.....12.00	12A.....7.00	183/483.....9.30	246.....11.00	7591.....8.60
5AR4/GZ34.....6.00	20L F6.....7.30	210.....20.00	247.....8.00	8417.....8.50
6B4G.....6.50	42(GLOBE).....8.00	211(VT-4C).....14.50	250.....65.00	8950.....12.30
6LF6/6MH6.....9.20	45(VT-52).....25.00	230.....6.20	280.....12.00	V201A.....6.50
6V6G.....2.10	45.....11.00	237.....8.50	282.....8.00	WD-11.....35.00
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WANTED: Extension cords for Atwater Kiel table. Control panel for same. Jack Ghere, 1753 Community Beach Rd., Odin, IL 62870. (618) 532-5548

WANTED: Fisher AM-FM stereo receiver Model #RS-913A, working or not. Matt Kachmarchi, RD2, Box 150, Cherry Tree, PA 15724. (814) 948-7526

WANTED: Scott, McMurdo Silver, World's Record radios. Call before Rochester for cash offer. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

WANTED: Atwater Kent breadboard 2-stage TA amplifier unit, also 3-stage TA detector amplifier unit. Pat Stewart, W7GVC, 1404 Ruth Ave., Walla Walla, WA 99362-3558

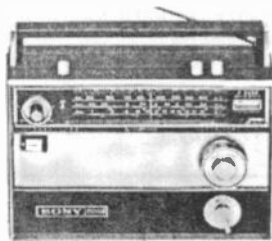
WANTED: Schematic for Radiola AR-812. John Golden, 245 DiMarco Dr., Philadelphia, PA 19154. (215) 632-0955

WANTED: Crystal sets, collection now at (378) pieces; seeking more. Erwin Macho, Ambrosweg 17/A/8, A-1230 Vienna, Austria

WANTED: 6 1/2 in. speaker for Zenith 5S127, 49-143AB, 2150 ohms. Steve Falston, PO Box 427, Lyons, CO 80540. (303) 823-6982

WANTED: Sony TR63, any condition. Thank you. Bob Furtado, 23 Garden Rd., Alameda, CA 94502. (510) 521-3084

WANTED: Atwater Kent Type 11 tuner, as used on breadboard types 5, 8 and 9, complete. Also: a complete main tuning dial for my National SW-3 and the general coverage coils sets 38, 39, 40, 41 and 42 (tuning range: 500 to 3,000 meters) for this receiver. Has somebody a Telefunken receiver Type 32 or 32-A for sale or trade? Call, write or fax anytime: Guy Kueng, PO Box 8, CH-1211 Geneva-28, Switzerland. 011-4122-796-5848



WANTED: Sony Model TFM-1000 WB. AM, FM, medium and shortwave portable. Bill Caldwell, 7785 Turlock Rd., Springfield, VA 22153. (703) 455-1610

WANTED: Chassis for RCA 342, AK 246. Cabinet for AK 308; AK 66 console case and phonograph chassis. Thomas A. Foral, 38 Summer Hill Rd., Apt. #58, Middletown, CT 06457. (860) 347-5890. E-mail: Tomas_Foral@Brown.edu

WANTED: Tubes. RCA 250, Sylvania 210, Globe 210, WE 205D. Hideo Mitsui, Soehi 8340, Sanada-machi, Nagano-ken 386-22, Japan. E-mail: dsc71076@pcvan.or.jp

WANTED: Dial pointers for Sparton Model 1167. Uses station pointer and sweep pointer. Gilbert Smith, 248 S. 36th St., San Diego, CA 92113. (619) 236-7990. E-mail: smith115@mail.sdsu.edu

WANTED: Amphenol phenolic tube-type plugs, sockets, and snap-on shells. Also buy & sell tubes. Send SASE for list S and late additions. Fred Schmidt, N4TT, Typetronics, PO Box 8873, Ft. Lauderdale, FL 33310-8873. (954) 583-1340

WANTED: Paying up to \$300, Midge BR-760; Haltoner/Toptone AR-610; Zephyr AR-630; Standard SR-F23. David Mednick, 25 Jefferson St., #7B, Hackensack, NJ 07601-5038. (201) 457-0802

WANTED: German friend looking for Westrex or Tefi sound tape cassettes, literature & players. Robert Lozier, 600 E. Green St., Monroe, NC 28112. (704) 283-2638



WANTED: Fada Catalin radios. Help! My entire collection spontaneously combusted during an interview with the "Enquirer." Replenish and repent ye sinners. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Morris coil winder, Hallicrafters Model S-29 Sky Traveler, Hallicrafters Model S-33 Sky Trainer, Hallicrafters Model S-39 Sky Ranger. Model All Star. Model All Star Jr. Len Bourquin, 67 Stafford Ave., Newington, CT 06111. (860) 666-9771

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WANTED: Webcor price lists 1956 and 1957, and service agency listing for – \$2. Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (810) 478-0990

WANTED: ARC R-11, R-23, R-148, BC-453, any condition; 85 kHz IF transformers; unused 5AP1 CRT's, magnal sockets. I have one R-19 for trade. Bruno R. Ruchalski, PO Box 2153, Clifton, NJ 07015

WANTED: AN/APA-6, AN/APA-11, AN/ARQ-4, AN/ARQ-5 receivers; also manuals and/or schematics for all. John A. Benyo, 25 Schley St., Garfield, NJ 07026

WANTED: Peter Pan tombstone radios. Johnny Johnson, 7075 W. 32nd Ave., Wheat Ridge, CO 80033. (303) 274-5474

WANTED: Zenith Trans-Oceanic parts sets for 3000-1 and 7000. Jim Montague, 1907 South Stanley Ln., Spokane, WA 99212. (509) 535-9576

WANTED: Following 800 Series tubes: 825 (RCA), 827R, 839, 848, 853, 854, 855, 856, 859, 870, 875, 881, 887, 888, 891, 895, 896, 897, 898, 899. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

WANTED: Panasonic RF-9000 oversized portable. Daryl Jorud, R#1, Box 180, Battle Lake, MN 56515. (218) 864-5725

FOR SALE: Hickok signal gen. 615. Hickok color bar gen. 246. Photofacts 1-1709. Tubes, parts. Ann Bichanich (Jay's), 15 1/2 W. Lake St., Chisholm, MN 55719. (218) 254-4421

FOR SALE: (16) N.I.B.-N.O.S. 3B24WA Raytheon tubes, sell as lot for - \$135 ppd. Ray Schmidt, 607 1 Ave. SW, Austin, MN 55912. (507) 433-0069. (507) 433-3250

FOR SALE: Sams (AR) Series No. 22 thru 321. Also many HTP, TR, MHF and TSM - \$3 ea. on AR; \$2 ea. for others. Plus shipping. Jesse Armstrong, 220 Oakdale, Pasadena, TX 77506. (713) 473-8925

FOR SALE: RCA standard 6-tube catacomb - \$25. Tube manuals: RCA, '61, '70, GE - \$10 ea. David Gonsior, 7121 S. Jellison St., Littleton, CO 80123. (303) 979-9511

FOR SALE: RCA pocket transistor 1TP2, N.I.B. - \$40. RCA AM clock radio RZD404Y, N.I.B. - \$25. Victoreen radiation detectors. Mike Gumino, PO Box 562, Cranbury, NJ 08512. (609) 490-2465. E-mail: gumino#m#_mike@msgw.vf.lmco.com

FOR SALE: Radio lid paperwork for Windsor Radio Corp.; instructions for ground, operation, etc. - \$45. Darrell W. Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635

FOR SALE: Transistor radios: Panasonic R-1038 - \$6; Omega Gem 2016 - \$10; Sony 6R-33 - \$20. Plus UPS. Louis J. Philipp, 502 Greenwch Ave., Paulsboro, NJ 08066. (609) 423-4306

FOR SALE: Regency UHF converter Model RC53 brown plastic cube shape, nice - \$12. RCA chest-type 4-tube battery Model 54C6, untested - \$15. 4TR 3" reel tape recorder, red & white, Japanese - \$12. Channel Master transistor radio Model 6514, 1960, Japanese, AM-marine - \$18. Robert Parke, 504 Essex St., Gloucester City, NJ 08030-1015. (609) 742-8221

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FOR SALE: Emerson Patriot, blue, mint! Emerson EP 375, red, nice! GE H500 - \$280. Truetone Stratoscope beetle, rare - \$320. Northern Electric 5000, mint - \$125. Fada 845 - \$280. New photo catalog - \$1 + LSASE, 2 stamps. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

FOR SALE: Hallicrafters SX101A with manual, excellent working and physical condition - \$200 + UPS. Phil Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213

FOR SALE: Rider's (National Union) Vols. 3, 4 - \$25 ea. Philco #48-1253 table radio/auto phono - \$15. Telex 50's blond coin-op radio with speaker recapped - \$60. RCA #45-EY-2 record player - \$25. 1929 Apex #42 metal box radio with speaker, recapped, beautiful - \$80. Kolster #K-42 chassis only - \$25. Plus shipping charges on all. WANTED: Majestic Mod 906 Park Ave. or 886 Riviera consoles, restorable or parts. Karl Doerflinger, 52 Interlocken Rd., East Providence, RI 02914. (401) 434-1116

FOR SALE: Arvin 444 white metal - \$55. Philco 53-706 lamp-radio - \$75. Majestic 50 tombstone - \$200. Zenith 6D516 Deco Bakelite with SW - \$100. Nordmende Condor transistor portable, 1963 - \$15. WANTED: JVC pyramid TV 3100D. AK 185 tombstone. CBS-Columbia 5110 small plastic tube portable. Panasonic flying saucer TV TR-005. Emerson 744. Silvertone 6110 vacuum cleaner. John Okolowicz, 624 Cedar Hill Rd., Ambler, PA 19002. (215) 542-1597. E-mail: 70313.2564@compuserve.com

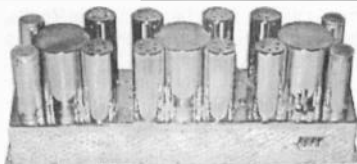
FOR SALE: McElroy biography includes all Mac Keys, illustrated, 150 pages softcover - \$21.95 ppd U.S.A. Artifax Books, Box 88-A, Maynard, MA 01754

FOR SALE/TRADE: Guild telephone radio in excellent working condition - \$75 plus shipping. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260

FOR SALE: N.I.B. tubes: 6JE6C's - \$23; 6BK4C's - \$8; 6EU7's - \$7; 807's - \$8. HELP: Need knob for Crosley bullseye (navy blue). Bill Jewell, 3800 Ridgehaven Rd., Fort Worth, TX 76116. (817) 777-8791

FOR SALE: Information to choose or build better parts for crystal sets, old or new. Send SASE for six report abstracts and order form. Crys Tech, c/o P.A. Kinzie, PO Box 6805, Kingman, AZ 86402

FOR SALE: Clear plastic dial covers for AK 145, 206, 735, 337, 545, Belmont 6D111, Emerson 375, 400, 520, AU190, Hallicrafters S38, S39, National 240D, Northern Electric B5000, and hundreds of others or can make you one - \$15 ea. ppd. Doyle Roberts, HC63, Box 236-1, Clinton, AR 72031. (501) 745-6690



WANTED: Chrome-plated amplifier, 8 to 10 tubes with Jones plug on the side in any condition. If you have this amp or know of its possible location, please contact me. John T. Meredith, 2462 Stantonburg Rd., Suite 152, Greenville, NC 27834. (919) 551-1882

WANTED: Braun stereo speakers L-45 or L-46. Also Braun radios and hi-fi equipment. Daryl Jorud, R#1, Box 180, Battle Lake, MN 56515. (218) 864-5725

WANTED: 1. Hallicrafters Model SX42. 2. Majestic speaker Model #20. Gilbert Simpson, 18 Beechwood Dr., Ansonia, CT 06407. (203) 734-4085

WANTED: Zenith 6R886 radio-phonograph turntable assembly (see G.O.R. 1st ed., p. 106). Also willing to buy junker for above parts. Neal Simpson, 27-1 Queen Rd., Lambertville, NJ 08530. (609) 397-3346

WANTED: Audio and RF probes for Eico 147A signal tracer. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612, after 6 pm

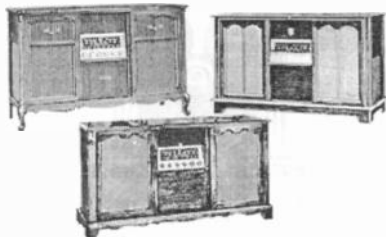
WANTED: Electricity! Crooke's and Geissler tubes, Wimshurst and Holz static electric machine. Louie Scribner, 1415 West Leigh Dr., Charlottesville, VA 22901. (804) 977-5521. E-mail: lls@virginia.edu

WANTED: Catalin, beetle, Plaskon, colorful plastics, Deco - cracked or perfect. Transistors. No stupid ads, just no nonsense buying! Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

WANTED: Complete chassis or the bandswitch for a Detrola Model 106 five-tube AC wood table radio. Can be a junker but it must have the bandswitch and wiring intact. I also need the original S meter with the plastic cover from a Lafayette Comstat 25A CB radio or any other model that used this 1 mA meter. Call me with what you have. Need matching knobs and speaker R-46 for Hallicrafters S-76 and speaker for SX25 and one for a National 173. Alan Deplae, 28648 Floral, Roseville, MI 48066. (810) 776-7870

WANTED: TV-7 tube tester in good condition. Vincent Cormier, 6096 Pine Hill Dr., Kountze, TX 77625. (409) 246-4318

WANTED: Receiver Squires Sanders SS1BS, SS1RS; Rohde Schwarz, EK7. Harry Weber, 4845 W. 107th St., Oak Lawn, IL 60453-5252



WANTED: Pictured 1960-61 Magnavox stereo consoles, any Magnavox sales display, literature, 1937-61. Larry Boysen, 1469-16th Ave., San Francisco, CA 94122. (415) 681-8352

WANTED: VW Beetle radio (Breed, 19 or 20). Also Lloyd's hipster, reasonable. John Gardner, 270 N. Main St., W. Hartford, CT 06117. (860) 523-4145

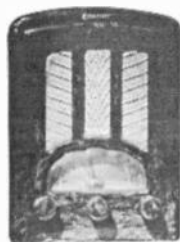
WANTED: Cabinet for Grebe MU-1, also accessory battery box for the MU-1. Henry Rogers, PO Box 511, Virginia City, NV 89440. (702) 847-9047

WANTED: N.I.B.: 845 - \$150; WE 252A - \$800; WE 205D - \$200; WE 275A - \$100; WE 300A/B - \$400. Used: half. Ming Yang, 1995 University Ave., #119, Berkeley, CA 94704. (510) 376-4220

WANTED: Industrial/Special purpose tube manuals or pamphlets. Also any odd or unusual tube types. Will pay \$100 for Eimac 500T tube. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

WANTED: Dial glass for Philco 39-40 or similar. Will consider one broken in two. R. Rowland, 4211 Woodland Ave., #202, Drexel Hill, PA 19026-3926. (610) 623-6141

WANTED: Wood radios with metal grilles or trim. Can pick-up at Elgin/Rochester. Jay Malkin, 1250 Galapago, #206, Denver, CO 80204. (303) 623-6451



WANTED: Emerson Catalin radios. Nobody pays more than I. What an arrogant and inaccurate thing to say. I mean, like there isn't anyone wealthy enough, dumb enough, desperate enough - or any combination of the three - to pay even a dollar more than I would pay. I mean, c'mon, who am I trying to kid! Please write or call collect: Rain Buttignol, 214 State St, #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Mitchells: Mitchell, Mitchell brand radios/appliances. Still need many, many models! (But not bedlamp or tall clock radios.) Appreciatively, Lee Mitchell, The Mitchell Collector, 175 E. Delaware, 8209, Chicago, IL 60611. (800) 869-7869

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WANTED: For cash or trade: Transistors (the components, not radios) from the early 1950's. Andrew Wylie, 21 Brancaster Ln., Purley, Surrey CR8 1HJ, England

WANTED: Harvey Wells R-9 receiver, chassis or junker for GE console Model E-155. Bob Nickels, 1444 S. Rotzler Ave., Freeport, IL 61032. (815) 232-7142. E-mail: ranickel@mwci.net

WANTED: Pair of JBL O75 tweeters and/or N7000 crossovers 8- or 16-ohm. Kurt Hirsch, 640 N. Galen Dr., La Habra, CA 90631. (310) 697-4989

WANTED: Radio Boys book, Air Patrol by Breckenridge. Jeff Hoskins, 824 E. Madison Ave., Stuart, FL 34996. (561) 283-2291, after 7 pm

WANTED: Sony TR-817 and TR-8. Pay cash or trade with British sets. Enrico Tedeschi, 54 Easthill Dr., Brighton, BN41 2FD, United Kingdom. Tel/fax: +(0)1273 410749

WANTED: Antique and novelty tube and transistor radios. We buy complete collections or quality individual pieces. Also radio-related vacuum tubes, parts, literature, magazines, advertising, and test equipment. Call or send list. Radio Daze, John & Kathy Slusser, PO Box 144, Mendon, NY 14506. (716) 624-9755

FOR SALE: Marlboro tube novelty radio, nice (see Bunis 3) - \$495. Rod Galloway, 2220 Woodbury Rd., Melbourne, FL 32935. (407) 254-0280, no ans. machine

FOR SALE: Tektronix R561B oscilloscope with 3A6 dual trace amplifier and 3B4 time base, includes complete documentation and product updates from manufacturer, as well as two sets of Pomona scope probes, rack mount chassis, excellent condition - \$150 plus 45 lbs. shipping. Jon Penvose, 225A West Main St., Palmyra, PA 17078. (717) 838-2163, after 3 pm. E-mail: xnel39a@pipeline.com

FOR SALE: Edison R6 - \$300. Radiola IIIA console WT - \$275. Pickup only. Philco 70 chassis - \$50. 90 console speaker - \$30. Includes shipping. Steven Thompson, 504 Cardell Cir., Mableton, GA 30059. (770) 819-1743

FOR SALE: Standard radio collection. Over (30) Standard radios including miniature tube types, all sizes of the quality multiband portables, pocket sets, and (11) different Micros. All radios are cleaned, polished and in working order including all the Micros! Some sets as new in original boxes with papers. Will not separate!! \$2,500. Send SASE for detailed list. Can deliver to Elgin, Karl E. Ayer, N9PXE, PO Box 665, Thiensville, WI 53092. (414) 242-0571

FOR SALE: Spectacular unique Sparton table model with pearlescent inlay of dragons & flowers on black background. Taking bids till September 1st. Silvertone beetle set (Machine Age, p. 178) - \$200. Emerson U5A brown - \$300. Dancing Ladies Stewart-Warner speaker - \$400. Bendix Catalin - \$450. Will trade for old electric brass blade & brass cage fans & porcelain toasters. Also want light bulbs with figures inside (Pop-eye, Nipper Dog, Reddy Kilowatt, etc.). Photos - \$2 ea. Rick Padron, 1005 E. Idlewild Ave., Tampa, FL 33604. (813) 238-8535



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FOR SALE: Sylvania booklets: radio, tube, equipment service hints - \$5/4. Sylvania News 39-42, approx. 2 lbs. - \$6. Motorola service manuals from '50's, 3 lbs. - \$2. Sylvania TV service literature from '50's - \$2. Mallory Yaxley radio service encyclopedia 3rd edition - \$5. RCA Radiotron data book 1921-1929 (tube layout) - \$8. The Rider Chaniolyst, an explanation - \$4. RCA service notes for Radiolas 17, 18, 21 & 22, 30, 30A, 32, 33, 41, 44 & 46, 47, 48, 64, 80, 82, Superette, and Uni-Rectron - \$5 ea. Westinghouse Radio and TV service notes '50's - \$2. Riders index I to VIII or I to IX - \$8. RCA service notes '50-'57, 5 lbs. - \$4. RCA RC 15, cover grungy - \$5. Emerson 522, no knobs, crack on bottom - \$8. Dahlberg hospital coin-op, pillow speaker, crack on top - \$33. Hallicrafters 5R10A, needs work - \$23. Channel Master 6505, crack on top front, works - \$8; 6528A - \$9. Autovox Transmobil 2 pull-out car/portable transistor, slight melt damage on side - \$35. Panasonic R-70 blue, not working - \$6. Philco 7050 tube tester, untested - \$35. Supreme Master B, Valley B power units - \$20 ea. Motorola Auto Radio dealer catalogs '36, '37, '38, '41, '46, '47 and '37, '42, '50 home radio, one police radio - \$7 ea. Setup book for Sencore TC162 and TC28 - \$7. All plus shipping. Michael Crain, 3 Hillside Ave., Harveys Lake, PA 18618-9782. E-mail: mcrain1952@aol.com

FOR SALE: 6L6WGB/5881 JAN Phillips N.O.S. - \$16 ea. (4) Genelec Gold Lion KT88's in G.L. boxes test new - \$150 ea. (2) N.O.S. Centurian KT66's - \$75 ea. (65) Fender Reverb unit - BO. 59 Bassman - BO. Radiola 46, exc - BO. Peter F. DeGregorio, 45 Moritz Pl., Fairfield, CT 06430-3527. (203) 331-9155

FOR SALE: Tubes, radio, TV, 40's thru 50's, SASE for list. Lee C. Dickinson, 401-3 Talcottville Rd., Vernon, CT 06066

FOR SALE: Crosley cathedrals: #124 - \$300 ea. Deliver Elgin, LSA2SE, list. Ripley, Box 9374, N. St. Paul, MN 55109. (612) 777-6791



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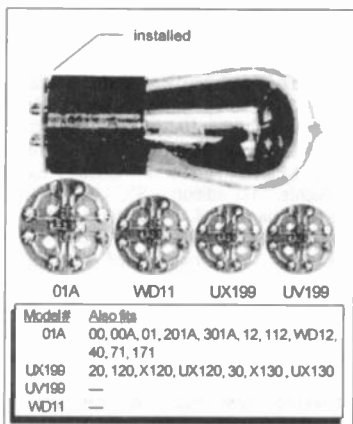
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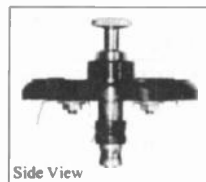
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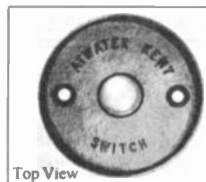
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WANTED: Shure microphone 556 and 55. Marcel Vallee, 703 Boul. Saint-Germain, Rimouski, Quebec, Canada G5L 3S6

FOR SALE: Hammarlund HQ 110. **WANTED:** National NC 109. Hoover Noonan, Rt. 1, Box 187, Pineland, SC 29934. (803) 726-5762

FOR SALE: Detrola Pee Wee chassis and knobs, have 2 - \$135 ea. Arvin transistor radios, 61 R 58, 65 R 58, like new - \$25 ea. Book: Practical Telephone Handbook, 1902, Baldwin, hc - \$35. Avon SOS - \$35. Sideli books - \$45 ea. Thanks. Del Tysdal, Rt. 1, Box 157, Glyndon, MN 56547. (218) 287-2562

FOR SALE/TRADE: Dyna ST70 and PAS2 - \$500. Scott 340B - \$250. Pair 99B's - \$250. Lk-48-B - \$200. Peter F. DeGregorio, 45 Moritz Pl., Fairfield, CT 06430-3504. (203) 331-9155

FOR SALE: Heathkit, A Guide To Amateur Radio Products by Chuck Penson - \$16 ppd. Ken Greenberg, 4858 Lee, Skokie, IL 60077. (847) 679-8641

FOR SALE: Knight-kit Span Master 4 band receiver, excellent, with manual - \$45 ppd U.S.A. Ralph Michelson, 4538 Golfview Dr., Brighton, MI 48116. (810) 229-8339

FOR SALE: Fisher K-10 Spacepander - \$60. Garrard RC80 with 2 headshells, new belts - \$40. Aaron Krueger, 3719 Woodland Ridge Rd., Wausau, WI 54403. (715) 675-6674

FOR SALE/TRADE: Realistic DX-440, unused - \$130. Many European AM/FM/SW tube radios. Call: Nisar Ahmad, 34 Saccheri Ct., Staten Island, NY 10308. (718) 966-9018, evenings

FOR SALE: Radios, audio, ham, medical, catalogs, handbooks, calculators. List - \$1 and SASE. Joseph Bedlovics, PO Box 139, Stratford, CT 06497



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FOR SALE: Possibly one of the rarest SW radios of its time, 1932, in beautiful mint condition walnut table cabinet. This ICA Conqueror, 5 tubes, has a complete unusual set of plug-in coils, power supply with meter, was written up in the May 1985 edition of Antique Radio Classified. Comes with a blue ribbon award. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253. (602) 947-1375

FOR SALE: Pilot TV-271, WT - \$20 OBO; Eico 425 scope, WT - \$15; Hawkins Electrical Guides, 1-10 complete, 2nd edition - \$60. Hawkins Electrical Dictionary, 1931 - \$3; Radio Operating Questions & Answers, Hornung, 7th edition - \$6; 10th edition - \$5; 11th edition - \$4; Radio Operator's Q&A Manual, Kaufman, 6th edition - \$4; Fundamentals of Industrial Electronic Circuits, Richter, 1st edition - \$8; 1926-1938 Radio Diagrams, Beitman, 1964 - \$15. Jerry Nutter, Audio Carpætorium, 111-32 112th St., Jamaica, NY 11420-1026. (718) 835-1132. E-mail: 70724, 1254 (CIS)

FOR SALE: DX302 general coverage rcvr from .01 to 30 MHz - \$115. Allied 2515 general coverage rcvr from .015 to 30 MHz - \$90. Phillips portable Model L4X05T 3 SW and 1 MW band - \$125. Zenith Royal Model R94 FM, (2) weather marine and amateur, standard broadcast and SW broadcast - \$85. Silvertone Model 7031A, wood BC and SW - \$75. Nordmende Kadette C, BC, FM, 2 SW bands - \$85. Also have several Sams Photofacts reasonably priced. SASE for info. Bill Gerk, 8061 U.S. Hwy. 49 N., Hattiesburg, MS 39402. (601) 268-6059

FOR SALE: Dynaco ST-70, exc orig. cond. - \$275. Pair N.O.S. Yamaha horns - \$50. (7) Yamaha PA cross-overs - \$75. Prices plus UPS. Bob Burleson, 228 Monroe St., 1-N, Hoboken, NJ 07030. (201) 795-9565

FOR SALE: 1937 Zenith, 20-page, part color full line catalog, shows all three Stratospheres. Bob Bakinowski, 1524 Saint Tropic, Tucson, AZ 85713. (520) 624-8029

FOR SALE: Radios, 30's thru 50's, SASE for list. Sam Giansante, 4255 West Ave. Rd., Elba, NY 14058

FOR SALE: (250) globe tubes, late 1920's. (600) ST tubes late 1930's. All test good. Herman Fothe, 5292 Tiffany Ann, West Palm Beach, FL 33417. (561) 688-2794

FOR SALE: Telefunken Allegro 1962 FM stereo, blond, impeccable condition. Herman Weber, 119 Saturn Rd., Etobicoke, Ontario, Canada M9C 2S8. (416) 963-4900, eves. or leave message

FOR SALE: N.I.B. (45) 12AX7 tubes, lot sale - \$200. (50) 12AU7A's - \$100. Rudy Hecker, 127 Weymouth Ct., Schaumburg, IL 60193. (847) 529-3560. E-mail: heckrr@ix.netcom.com

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WANTED: Books: Digital Computer Electronics by Malvino, 1977; Microcomputer Design by Donald Martin, 1976. Dave Dameron, KG6BP, 819 Boundary Pl., Manhattan Beach, CA 90266-6621. (310) 318-5311

WANTED: Trans-O junker, lid or latch. Info/chassis for unusual radio rental service coin-op chairside. Thanks. Larry Kellough, PO Box 849, Canton, CT 06019-0849. (860) 693-8269

WANTED: McMurdo Silver Model 801 & 802 coils & power supply. Dan Mason, R. Rt. 1, Box 204F, Santa FE, NM 87501. (505) 455-3416

WANTED: Tuning or bandsread knob for Hallicrafters SX-99. Will buy junk set. Carl R. Shirley, 824 Fairwood Dr., Columbia, SC 29209. (803) 776-6850

WANTED: Audiola 610 cathedral, N.I.B. 6T5 tube, Zenith Model 410 console cabinet. Bill Schultz, 713 Donet Ct. NE, Rio Rancho, NM 87124. (505) 867-8178

WANTED: Silvertone radios with model or chassis numbers starting with 109. Detrola grandfather clock, chairside, FM, TV, Super Pee Wee chassis, advertising. Dennis Smith, KN8H, Box 113, Trenton, MI 48183. (313) 675-5847

WANTED: Atwater Kent breadboard Type 11 tuner with tag in good condition, offering \$375. John Koop, 48 Wheelbarrow Ln., Wantagh, NY 11793. (516) 731-6711, machine

WANTED: Panasonic RF-2200 receiver. Automatic record changer DUAL 1229. Larry Chandler, 2806 Middleton Cir., Kissimmee, FL 34743. (407) 344-0777

WANTED: Some basket case cathedrals and fancy tombstones. I like to restore difficult wrecks. Bob Warren, PO Box 279, Waverly, PA 18471. (717) 587-2405

WANTED: Van Horne and Lord Baltimore tube boxes. Larry Daniel, 706 Pearson Rd., Wright-Patterson AFB, OH 45433. (513) 754-1567

WANTED: Zenith console 12A58, 12U159, or 15U270. Mark Hewitt, 6659 Tipperary Tr., Roscoe, IL 61073. (815) 623-8729

WANTED: Triplett 3444A or Hickok tube tester Mac/Marantz amplifiers, record cutting equipment, Fairchild, Westrex, etc. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 869-4963

WANTED: Eveready radios, speakers. Flashlights, flashlight catalogs, related items. Subscribe Flashlight Newsletter - \$12 year. Bill Utley, PO Box 4095, Tustin, CA 92781. (714) 730-1252

WANTED: Mini tube, hybrids and goofy pocket crystal radios like Pee Wee and Rocket. Mike Brooks, 7335 Skyline, Oakland, CA 94611

WANTED: (3) wire line cord with 155-ohm ballast. International Kadette Mod A or B junker chassis with all coils & transformers. Philco Mod 84 1st IF transformer with osc coil. **FOR SALE:** (2) Claricon mono O.R. tape recorders - \$12.50 ea. Sony TC 464 stereo recorder - \$25. Magnecord F35B tape deck - \$10. Wilcox-Gay tape recorder - \$17.50. (2) Telephone ringing magnets - \$7.50. All plus shipping. Harold D. Wright, RR1 Box 259, Chancellor, AL 36316-9749. (334) 347-0393

WANTED: 1955-57 Allied Radio catalogs. Gary Gordon, 21112 Bank Mill Rd., Saratoga, CA 95070. (415) 857-4958

WANTED: Manual or schematic for Navy RBH receiver made by National. Steve Finelli, 37 Stonecroft Dr., Easton, PA 18045. (610) 252-8211

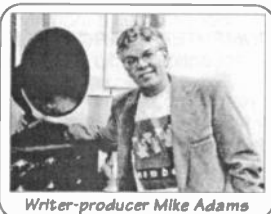
WANTED: Philco wood table radios 1937-1942, will pay top price for quality radios. Donn Frederick, 8402 Hwy. 30 SE, Chatfield, MN 55923. (507) 867-4868

WANTED: Zenith black dial console in any condition, pre-1942, can pick up at Elgin. Scott Headley, 567 Traverse Dr., Costa Mesa, CA 92626. (714) 662-3497

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FOR SALE: Needles for all phonographs, old or recent, over 5,000 needles. RCA audio tapes 5"x7". Send LSASE for list. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

FOR SALE: Belknap, rare Southern-produced console, good, very restorable; set is at Cumberland Gap. Dave Oslin, 1635 Olivewood, Lakewood, OH 44107. (216) 226-8018

FOR SALE: Crystal radio kits, complete with face panel and baseboard, 365 variable capacitor, large prewound coil, and many other parts for an old style crystal radio, remit - \$19.50. Carl & Grace Ent., 5636 Romeyn, Detroit, MI 48209

FOR SALE/TRADE: Television collection: Philco Predicta 21" barber pole, blonde. Predicta 17" Princess, black w/original stand. Predicta 17" Princess, red w/original stand. Admiral 10" Bakelite console. \$2,100 for all or consider trade for Catalin(s). Jim Meehan, PO Box 102, Centerbrook, CT 06409. (860) 526-1762

FOR SALE: Reproduction Philco 37-62 dial - \$15. Crosley 5-50 (ETC) paper dial scale - \$2/3. Radiola III shockmount - \$2/2. Postpaid. Bill Turner, WAØAB1, 1117 Pike St., St. Charles, MO 63301. (314) 925-1307

FOR SALE: Zenith 5-J-217 cube, nicely refinished, works - \$100. Radiola III - \$75. Radiola 60 - \$80. Radiola 17 - \$60. Radiola 25 parts set - \$25. Air Castle, same as Marconi 180 (E.O.R. 2, p. 129) - \$70. Gary Watkins, 8006 Greenwald, Belton, MO 64012. (816) 322-0773

FOR SALE: Rare RCA promo, 1960's, 5-piece Diseneykin set, RCA logos inside and outside of 11x9x2.5 cm box, mint cond. in exc box - \$150. Dave Davies, 701 W. Albee Rd., Nokomis, FL 34275

FOR SALE/TRADE: Kiel table, nice all original, will ship - BO. Kelly Nichols, RD 1, Box 103K, Greenwood, DE 19950. (302) 349-5059

FOR SALE: RCA Radiola 18 with RCA 100A speaker and extras - \$175 or BO. Jim Ellis, PO Box 822, Rochester, MN 55903. (507) 288-1201

FOR SALE: Many novelty, transistor radios made in Japan from the 1960's. Most radios new in box. Free list SASE. Bill Hyde, 34 Cerrado Loop, Santa FE, NM 87505. (505) 466-6613

FOR SALE: Reproduction lid tags for Crosley 51 Series, can provide serial # - \$5 ppd. Bob Jensen, 420 Grand Ave., Alliance, NE 69301. (308) 762-7391

FOR SALE: Shortwave portable radios, all transistors. Philips Transworld Deluxe, exc - \$400; Philips D-299, rare, exc - \$300; Grundig Automatic 1005, exc - \$200; Grundig Yacht-Boy 310, M.I.B. - \$250; Schaub-Lorenz Overseas, exc - \$200; Blaupunkt Derby, exc - \$200. Sony CRF-5100, exc - \$250; Sony Air-8, N.I.B. - \$175; Zenith T-O Royal 1000, N.I.B. - \$350; Royal 1000D, near mint - \$250. Or all (10) for - \$2,000. Plus shipping. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

FOR SALE: N.O.S. tubes: RCA 6BA7, GE 6BF5, Philips 5749W/6BA6, Philips 5814A/12AU7A, GE 6AV6, Philips 6CB6A, Philips 6BN8 - \$2 ea. GE 6146W - \$15 ea. 0Z4A, 3B4, 3Q4, 6BD6, 6BH6 6EH7, 6ES8, 6EZ8, 6SA7, 6SH7, 6SQ7, 6X5, 6Z4, 7C7, 7N7, 7S7, 7V7, IV, 39/44, 12BE6, 12H6, 12SN7, 26A6, 28D7, 35W4, 50B5 - \$2 ea. RCA 7213 - \$75. Eimac 4CX300A - \$65. Eimac 4CX 1000A - \$250. RCA 8596 - \$45. Frank Krize III, K5SVC, Rt. 2 Box 423, Natchez, MS 39120. (601) 442-0973. Fax: (601) 445-5165

FOR SALE: Very Deco Bakelite Miracle Airline Model 62-228 with red, tuning eye - \$85. R. Burick, 274 14th St., #1, Ambridge, PA 15003. (412) 266-4516

FOR SALE: Mercury Model 204 drugstore type tube tester - \$100 plus shipping. Elbert Marshall, Rt. 2, Box 239, Hillsville, VA 24343. (540) 398-2283

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WANTED: Air King Skyscraper radios, except for that unbearably ugly model with the third (tuning) eye at the top that bears better resemblance to a flounder than to the face of a building. Please write or call collect: Rain Buttignol, 214 State St, #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Does anyone have a rack-mount cabinet for a Navy radio RBC or RBB! Can trade a tabletop cabinet for an RBA or buy. Can pick up within 200 miles. John Gibson, 1075 Sterling Ave., Berkeley, CA 94708. E-mail: gibbon@astra.lbl.gov

WANTED: Meissner AC/DC regen. kit radio, 1950-51, alum. panel and chassis, special coil socket, coils BC thru 30 MHz, tubes 50B5, 50C5, 12?? M. Toepfer, 512 River Oaks Rd., Comfort, TX 78013. (210) 995-3571

WANTED: Zenith Trans-Oceanic 3000-1. Must be in mint or near mint condition. Gerald Silver, 10863 W. Clairmont Cir., Tamarac, FL 33321. (954) 720-1972

WANTED: Eico 2080 and Eico ST70 integrated amps. Eico 666 tube tester. All must be in good working condition. Tim Yeager, 515 Third St., Lancaster, PA 17603. (717) 393-9504, eves.

WANTED: All microphones, cheapies OK, guitars, guitar amps, effects, tubes, echo-reverbs, tubes catalogues. Alex Pepiak, 330 Third Ave., Bellmawr, NJ 08031. (609) 933-0374. E-mail: alpep@aol.com

WANTED: Ghirardi's Radio Troubleshooters Handbook, first or 2nd edition. Claude Pennington, PO Box 1916, Macon, GA 31202. (912) 746-1231

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M. Harold Ezzone, 4861 Park Drive
West Des Moines, IA 50265 — (515) 221-9447

WANTED: Silvertone tubes, 6F6G, 6K7G, 6L7G, 6Q7G, 5Y3G. Knobs for Grunow 450 tombstone. Dave Stott, 29 Willow Bee Ln., Middletown, CT 06457. (203) 344-0697

WANTED: Philco table models: PT-69, 40-140T, 40-95, 39-17T, 39-6CI, 38-38T, 38-7T. Will pay top price for quality radios. Donn Frederick, 8402 Hwy. 30 SE, Chatfield, MN 55923. (507) 867-4868

WANTED: McIntosh MC 30, 60, 75 amps, tuners, whole systems; Altec 333 A amp, 604B speaker. Thorens 124 turntables. Karlson speaker enclosures. Scott LK 150 amp cover. Walt Fleming, 182 Plain Hill Rd., Norwich, CT 06360. (860) 889-1957

WANTED: Preamp Marantz Model I. Amplifiers: Leak TL/12, Leak TL/12 plus, Fisher 200, Fisher 100. Mitch Colby, 2730 Schurz Ave., Bronx, NY 10465. (718) 829-3063

WANTED: Saba and Telefunken portable transistor shortwave radios in exc/mint cond. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

WANTED: NC-173 lid. 807's, cheap! Postcard quote to: Don Anderson, N9SQZ, 7174 Glenwood Ln., Hanover Park, IL 61013

WANTED: RCA RAE-59, 10T, T10-1. Also RC Royal Crown Cola transistor can radio. Bob Gidney, 411 W. Spruce St., West, TX 76691. (817) 826-5105

WANTED: Odd, huge and downright weird looking tubes. Industrial, transmitting, high power/voltage, duds OK. Write or call with a description. David Rickert, 2107 S. 5th St., Apt. 1, Arlington, VA 22204. (703) 486-2782

WANTED: Jones Radio Handbook and Supplement, 1937 & 1938 Editions; manual for Hammarlund HQ150. George Shute, 2910 Virginia St., NE, Albuquerque, NM 87110. (505) 298-7347

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FOR SALE: N.O.S. tubes, all U.S. military: 9001 - \$1.25 ea.; 2234076 sub-min. - \$1 ea.; 1LH4, OD3, 6AC7, 6GF5 - \$1.50 ea.; 6BU8, 6F5GT, 5719 - \$2.50 ea.; 6F4, 5842 - \$4 ea.; 5643H - \$4.50 ea.; 6EV5 - \$4 ea.; 6EU7 - \$8 ea.; 3B24WB - \$8.50 ea. CRTs: 5FP25 - \$10 ea.; 15H50P4 - \$25. CRT bulbs - \$10 ea. Volume discounts available. Please write or call or fax for more information. SASE for new tube list. All tubes guaranteed. Kirk Cline, 1818 Walker Ave., Greensboro, NC 27403-1760. Ph/fax: (910) 379-7197

FOR SALE: Admiral 15D5 Deco, nice - \$75. Crosley 11-112U, needs repaint - \$65 plus UPS. Buddy Cartee, 205 Mason Rd., Chesnee, SC 29323. (864) 578-3532

FOR SALE: GE Model F-65 console radio, 6-tube, tunes 540-1700 kHz and 2200-7000 kHz, cabinet needs refinishing, electrical needs work - Make Offer. Pick up only. Robert Bubbe, AA6HV, 140 14th St., Apt. A, Seal Beach, CA 90740. (310) 594-0089

FOR SALE: Do you have Play Things of Past Catalog #5? Update pages 90-93 and 94-97 available for large SASE. Specify which pages needed. Gary B. Schneider, Play Things of Past, 9511-23 Sunrise Blvd., Cleveland, OH 44133

FOR SALE: Meissner 1937 catalog & 1943 manual, good condition - \$35 for both. Buyer pays shipping and handling. Jim Barrows, 15121 41st Ave. SE, Bothell, WA 98012-6113. (206) 337-4880

FOR SALE: #89 tubes - \$5. Liz wire, 20/44 nylon, 300 ft. - \$6. Star-Tronics, Box 98102, Las Vegas, NV 89193. (702) 795-7151

FOR SALE: Vintage tube CB's, list - LSASE. Fisher K10 Spacepander. Electro-Voice 664 mike - \$100. C. Zafonte, RR3, Box 2075, Fort Kent, ME 04743. (207) 834-6273, eves./weekends

FOR SALE: Revox A-77 2-track - \$175. **WANTED:** Ampex 300-2, MR-70; Revox G-36; Studer C-37; Nagra IV-S; prerecorded open-reel tapes. Richard Brown, PO Box 686, Farmington, CT 06034. (203) 677-4828

FOR SALE: 78 only turntable, connects to magnetic or auxiliary inputs, complete and postpaid - \$44.95. West-Tech, PO Box 1415, Sebring, FL 33871. (941) 471-0922

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FOR SALE: Radiola 17, restored playing condition with speaker and tubes - \$150. Shipping extra. Frank Waskiewitz, 143 Carl's Path, Deer Park, Long Island, NY 11729. (516) 667-3269

FOR SALE: My collection of early 1900's radio, telegraph, telephone theory and construction, please SASE for the list of some 50 different titles. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253

FOR SALE: (4) BB 201A's - \$75; 245 - \$25. Emerson 888 Pioneer, black - \$75. RCA Transmitting Tube Manual 1934 - \$15. Mike Heffner, 501 S. Market St., Muncy, PA 17756. (717) 546-2907, between 7 and 10 pm

FOR SALE: Zenith Trans-Oceanics: G-500, excellent condition, works great - \$195; 1000, vg-excellent, working - \$125; H500, vg condition, works good - \$125. Add shipping. Ted Demski, 5806-225 Pl. SW, Mountlake Terrace, WA 98043. Phone/fax: (206) 778-7100

FOR SALE: Earl Radio 21/22 junker chassis and speaker - \$10 plus shipping. Donald Borowski, 4215 S. University Rd., Spokane, WA 99206. (509) 924-9680. E-mail: borowski@spk.hp.com

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FOR SALE: Book, Radio the Miracle of the 20th Century, 1922. SASE please. Robert J Stone, 721 Fisk St., Piqua, OH 45356-3729. (513) 773-2217

FOR SALE: Mercury tube tester #990 with book - \$15. Army Signal Corps field phone crank #EE-8-B, case - \$25. Robert Rossi, 10936 Melbourne St., Allen Park, MI 48101. (313) 386-8321

FOR SALE: Seeburg jukebox, 1959, Model 222 - \$4,000. Fada 659 chassis and cabinet, stress cracks - \$250. Tom Thumb, portable, poor - \$45. Transistors: Americana FC 60, Arvin 62R23, Vista 59078, all exc. Boys radio, Trend, fair. Lincoln AM-FM Model TR-3422 14-transistor, three antenna, three band, good. Hitachi TH667 box, complete, case shipped. Reel-reel portable recorders, Juliette, chrome, Citroen Electronics/power supply and microphone. Sams, most for TV, 1950 to 57 - \$10 ea.; #114, 115, 116, 206, 283, 342, 347, 350. Manuals: Hammarlund HQ-145 - \$20; Multi-Elmac Amateur Trans-Citer Model AF-67 - \$20. Speaker, Crosley Dynacone, Type F about 1922, with original operation instructions, poor cond. - \$70. Transmitting tube GE G183A? - \$75. Ham radio world map, old, fair - \$30. **WANTED:** Literature and instructions for 1939 Philco, Model 39-116 and remote. Gene Schulte, Rt. 1, Box 186, Bridgeport, TX 76426. (817) 683-2855

FOR SALE/TRADE: Ten Variacs 2.25 amp, 0-132 volt 2 3/4" dia. x 2" deep, protect your radios from high-line voltages or build repair bench supplies. Trade for UX199 tubes or \$18 + shipping. Timothy B. Laing, 723 College Ave., Lima, OH 45805. (419) 224-2263

FOR SALE: Philco Safari (brown) knobs, 6 small and channel selector unit - \$30 for all. Eric Stumpf, PO Box 60245, Santa Barbara, CA 93160. (805) 964-9417

FOR SALE: Collectible radios, televisions, earphones, uniforms, books. Massive list. Send two-stamp LSASE. John Enigl, K9HJL, 5425 Cherry Ln., Egg Harbor, WI 54209. (414) 743-3672

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FOR SALE: Unless sold at Lansing: SCR-59. Western Electric WWI receiver, very good condition but unfortunately no tubes - Best Reasonable Offer. Fred Watson, 581 W. Summit St., McClure, OH 43534. (419) 748-8798

FOR SALE: Automobile radio vibrators. Free catalog. See our boxed classified ad. Dan Schulz, Antique Automobile Radio, Inc., 700 Tampa Rd., Palm Harbor, FL 34683. (800) 933-4926. Fax: (813) 789-0283

FOR SALE: (3) transistor radios: Emerson 707 in case. Motorola 28 clock radio. Zephyr 4 Voxson. H.N. Felder, 7517 Granada Dr., Bethesda, MD 20817

FOR SALE: DeForest spherical audion, double wing, Hudson filament (good) - Best Offer. Large quartz transmitting triode by M.O.V. company, Type NT54, with operating log paper - \$300. Atwater Kent 10C, with tubes and working - \$900. Addison 5 burgundy with yellow trim, mint - \$1,300 or Best Offer. Books, Father of Radio by de Forest, 1st edition - \$65. The Alternating Current Transformer by Fleming, Vol. 2, 1st edition, 1892 - \$80. Can deliver to AWA Rochester. David Cheney, 338 Arlington Cres., Beaconsfield, Quebec, Canada H9W 2K3. (514) 694-3240

FOR SALE/TRADE: Catalin Cullet #1425, yellow & tortoise - \$1,200. Catalin Fada bullet, maroon & yellow - \$700. Maurice Giroux, 559 Hudon, Laval, Quebec, Canada H7P 2L4. (514) 963-1601

FOR SALE: 1940 and 1950 mags. Mostly Mod Mech. and Mech. and Handicraft, each has at least one radio-related project, my choice, 3 for - \$12 ppd. Martin Twining, 158 Sawyer Rd., Owego, NY 13827. (607) 687-0429

FOR SALE: Transisto wall telephone (Novelty Radios, p. 186) - \$38. Zenith 6D525 - \$75. Zenith T-O Y60 - \$85. Zenith 6D116 - \$60. Speaker, Freed-Eisemann Mod 345 - \$38. All in good condition and work. Precision signal gen. E-200 - \$20. Superior TV50A generator - \$12. Supreme Audolyzer 562 and oscilloscope 546 - \$18 ea. Eico 666 tube tester - \$20. All plus shipping. Bill Gebhardt, PO Box E, Liverpool, PA 17045. (717) 444-3403

FOR SALE/TRADE: Olivetti Divisumma 24 printing calculator, like new with manual. Al Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

FOR SALE: Rider's radio manual #23 Index - \$3.50 ppd. Joseph R. Forth, 321 Long Vue Acres, Wheeling, WV 26003. (304) 277-3154. E-mail: Schematic1@aol.com

FOR SALE: Previous small ad items, some still available. Windcharger 6V, as is - BO, P.U. Dewey H. Shaffer, R.D. 2, Box 104-B, New Paris, PA 15554. (814) 839-4728

FOR SALE: Abbotwares horse - \$200. No name horse - \$100. Green Zephyr GR3T6 - \$50. Claude Chafin, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-4518

FOR SALE: (10) Sams Photofact Folders and index thru Dec. 1963 - \$50 plus shipping. Ev Kroll, 766 Haley Way, Hemet, CA 92543. (909) 652-5502

WANTED: Volume control and switch for Crosley 11-102U, 3 meg tapped at 300K, 2-inch knurled shaft. Bill Johnson, 34 Springlake Pl. NW, Atlanta, GA 30318. (404) 355-6308

WANTED: Output and interstage audio transformers by UTC Stancor, Triad, Peerless, etc. Can trade antique tubes. Bob Lindahl, 10680 S.W. Wedgwood St., Portland, OR 97225-5127. (503) 644-9643

WANTED: Guitars and amplifiers by Fender, Gibson, Ampeg, Gretsch, Silvertone, Martin, Marantz, McIntosh, Dynaco, etc. Peter F. DeGregorio, 45 Moritz Pl., Fairfield, CT 06430-3504. (203) 331-9155

WANTED: Telefunken 6DJ8, 6922, 7308, 12AX7, 12AU7, 12AT7; Siemens 7308GP; Tung-Sol 6SN7GT. Robert Koerner, NY11/7, 8910 N. Camino de la Tierra, Tucson, AZ 85742. (520) 742-6130 MST

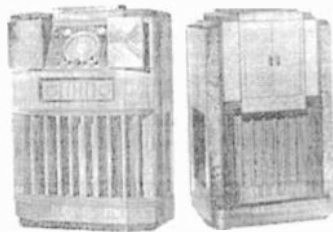
WANTED: Speaker and keyed female receptacle for power unit - RCA Model RC 501. Dial plate for RCA Model 4X. Suitable substitutes may be acceptable but orig. preferred. Ray Bames, 38 Woodmere Rd., Framingham, MA 01701

WANTED: AVO 163 tube tester, manual for Measurements Model 65-B signal generator. Christopher P. Demeroukas, 133 Basswood Rd., Springfield, IL 62707

WANTED: Any Fada plastics with metal trim. Merrill Mabbs, 709 Pluma Dr., Rapid City, SD 57702. (605) 342-4090. E-mail: mmabbs@cpu.net. Classic Radio Gallery Web Site: <http://cpu.net/classicradio>

WANTED: Catalin Art Deco style clocks, no cranks/hairlines. Call with model number and asking price. Bob Zuch, PO Box 4242, Chatsworth, CA 91313. (818) 700-0980

WANTED: Buyers to reduce my stock in 2-car garage full and basement. See my other ads in this magazine. Cash-carry. F. Krantz, 100 Osage Ave., Somerdale, NJ 08083. (609) 783-0400



WANTED: E.H. Scott Laureate Grande or E.H. Scott Westerly Grande with AW23 or Philharmonic chassis. Condition of chrome unimportant. Eddie Burris, 2837 Winterbrook Dr., Lawrence, KS 66047. (913) 841-4174. E-mail: burris@cstp.umkc.edu

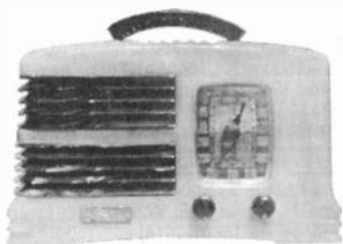
WANTED: Mahogany RCA A101. Also turntable #960284 for same. Dial light cover for Zenith 12H090. Mid-America Antique Radio Store, 233 S. Tulane, Liberal, KS 67901

WANTED: Hallicrafters speakers R48 or R48A, excl. mint only. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

WANTED: Old UV therapy lamps, ozone generators and related information. H. Andreoni, c/o 250-D So. Lyon Ave., Hemet, CA 92543

WANTED: Scott, McMurdo Silver, World's Record, radios wanted. Call before Rochester for cash offer. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

WANTED: Zenith radio cabinet console table model 9S307, 9S324, 9S344, 9S367, 9S369. Any condition. Jim Agostino, 827 Holly Pl., West Covina, CA 91790. (818) 960-7123



WANTED: Symphony and Detrola Catalin radios. I am not a human being: I am a radio collector. God forbid! Pity me the lost soul that I am and fulfill my humble needs. Please write or call collect: Rain Buttignol, 214 State St, #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: 16mm motion picture films. I will buy them or trade for radios in my collection. Hank Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. E-mail: trabold@exit109.com

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WANTED: Hallicrafters WR-3000, WR-4000 portable radios in xint./mint only. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

WANTED: Chapman's Radio Boys To The Rescue. Collins 75A3/75A2 parts source, crystal calibrator. Brian Roberts, K9VKY, 3068 Evergreen, Pittsburgh, PA 15237. (412) 931-4646

WANTED: Schematic and speaker for Coronado console 43-7601 and 94RA1-43-7605A. Al Fagerli, 1212 Blaine Ave., Janesville, WI 53545. (608) 755-9976

WANTED: Manual for Heathkit professional oscilloscope Model OP-1?. Copy OK. J.R. Down, 216 Hartwell Dr., Aiken, SC 29803. (803) 648-8791

WANTED: Crosley #168 cath. w/cabinet in great shape. Please send picture & price. Also want other cathedrals, Crosley or others. Dale A. Jones, 10605 Doyle Blvd., McKenney, VA 23872

WANTED: Dead or alive!! Jensen Alnico 5, Concert, Special design loudspeakers. Fairest bounty paid!! Peter F. DeGregorio, 45 Moritz Pl., Fairfield, CT 06430-3504. (203) 331-9155

WANTED: 12" Zenith speaker for Model 8-S-359 Zenith console radio. Mike Gianfortone, 6982 S. Miller St., Littleton, CO 80127. (303) 973-9170

WANTED: Majestic 51, Bakelite Clockette, no cracks, w/back. Karen McCoy, 8104 N.W. 114th, Oklahoma City, OK 73162. (405) 722-0595

FOR SALE: Rider's Radio 1 to 14, RCA Redbooks 1 & 2, Philco 1928 to '42, Lyric Service Bulletins, Akai tape recorder, Edison Model C-200 - \$100. TV, 1940's-50's - \$20. Plus shipping all. Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. (908) 269-2022 days. Fax: (908) 269-2897

FOR SALE: '50's brown Bakelite Motorola Model 5X1, red knobs, works - \$45 plus shipping. Stan Marlin, Box 1035, Assniboia, Saskatchewan, Canada S0H 0B0. (306) 642-3824

FOR SALE: Echophone Mod C 6-tube AC cathedral, restored - \$600 plus UPS. **WANTED:** Osc./RF coil for Philco Mod 19 (128), chassis for Emerson Strad. (D dial). Dale McLellan, 19 Pineview Ct., Pleasant Hill, CA 94523. (510) 682-9970

FOR SALE: RCA large cartridge tape recorder, Grundig stereo system, Stromberg-Carlson ASR433 stereo amplifier. F.H. Yonker, P.E., W21BH, 1220 Inverary Pl., State College, PA 16601. (814) 867-1400

FOR SALE: Rider's Volumes I-II-III in one volume - \$125. Lewis M. Owens, 2824 Dan Patch Dr., Lexington, KY 40511. (606) 233-0376

FOR SALE/TRADE: Edison light bulb, early - \$40. Lewolbest leather radio - \$125. Lafayette tube CB radio - \$50. Crosley tube book-radio - \$275. Shure 55SW microphone - \$95. Atwater Kent parts. Radiola I. List available. Jerry Finamore, 1374 Stafore Dr., Bethlehem, PA 18017-1633. (610) 861-4660

FOR SALE: H.H. Scott 210-B amp - \$100. Charles Johnson, 21 Holly Hill Dr., Mercer Island, WA 98040. (206) 232-2040

FOR SALE: Catalogs: H-P 1968, 1969, 1975; Measurements 1958, 1962, 1970 - \$20 ea. plus shipping. A.G. Tannenbaum, PO Box 386, Ambler, PA 19002. (215) 540-8055

FOR SALE: Detrola 568-1 (Collins 2 cover), gray ham-mertone finish, wrong knobs - \$75 plus shipping. Walt Kiefner, 6233 51st Ave. NE, Seattle, WA 98115. (206) 526-1452

FOR SALE: Copies of manuals for Eico, PACO, Simpson, Triplett and others. Also CB diagrams, radiation Geiger counter diagrams. Some test equipment. Send large two-stamp envelope for lists. Clayton Mundine, 6112 S. Flores St., San Antonio, TX 78214

FOR SALE: RCA Selecta-Vision video disk player, with video disks, 66 titles, send SASE for titles, excellent condition - Best Offer by mail. Plus shipping. Byrl T. Jenkins, Box 489, RR#1, Williams, IN 47470. (812) 388-7346, after 6 pm

FOR SALE: Rider's Radio Vol. 1-5 abridged with index plus Volumes 6 thru 16 - \$265 for all plus S&H. Jeff Hoskins, 824 E. Madison Ave., Stuart, FL 34996. (561) 283-2291, after 7 pm

FOR SALE: Zenith T-O 600, exc - \$95; Royal 500, black - \$75; maroon cracked - \$30. Admiral 378, ivory Plaskon - \$150; 162 - \$80. Emerson 520 - \$140. Dahlberg pillow radio - \$95. **WANTED:** Philco 49-501 Boomerang Kadettes, Detrola, Deco. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

FOR SALE: Comprehensive Heath Amateur Radio General Class License Course, two big volumes with tapes - \$50. NAB Engineering Handbook, sixth edition - \$50. Prices plus shipping. Bill Riley, 863 W. 38th Ave., Eugene, OR 97405. (541) 345-2169

FOR SALE: Philco tombstone batt. set Model 38-34, vg - \$85. Homebrew 1-tube batt. set, vg - \$65. Zenith wood table Model 6R631, vg - \$75. Small wood table sets, Philco, Sentinel, Clinton, Howard - \$40 ea. + UPS. Robert Sticher, 1600 Sable, Unit 169, Aurora, CO 80011. (303) 341-5917

FOR SALE: Table model Coronado 806A wood, Emerson 539 wood, Emerson 8-track #129, RCA X551, Heath IT21 tube tester. Ted Gasiorek, 201 Golden Ave., Briggsville, WI 53920. (608) 981-2051

FOR SALE: Every tube's a dollar! (1000) new old stock tubes in the original box, all priced at - \$1 ea. plus shipping, send two stamps for list. Kevin Buranen, PO Box 23, Brooke, VA 22430

FOR SALE: Zenith Trans-Oceanics 3000-1 - \$100; 1000-D - \$85; A-600 - \$55. All complete and working. Jim Montague, 1907 South Stanley Ln., Spokane, WA 99212. (509) 535-9576

FOR SALE: (9) tube testers all in working order. Send SASE for list and prices. Robert Gardner, 2629 S. 27 St., Fort Pierce, FL 34981. (561) 466-8857, or e-mail: chn196a@prodigy.com

FOR SALE/TRADE: Erla (Sentinel 195ULT0, Machine Age, clone) - \$99. Reverse-painted Toshiba w/box - \$50. More reverse-painted transistors - Call. (6) micro-reel tape recorders, some N.I.B. - \$95. Motorola 5AP1 portable - \$35. Crosley Super Tridyn Special - \$99. **WANTED:** Seminole 801, Arvin 8576, 9577, Capehart transistors. Donald M. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481

FOR SALE: Potentiometers, singles & duals; power and precision resistors. 14 pages free for SASE (55¢). Chuck Vaccaro, 708 Booth Ln., #A2, Ambler, PA 19002. (215) 646-3641

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WANTED: Push button(s) and/or motor from Detrola/Truetone with eight motorized buttons in row under dial. Scott Flaucher, 41100 Plymouth Rd., Plymouth, MI 48170. (313) 451-4221

WANTED: Any near-mint tube-based Zenith Trans-Oceanics; wavemagnet for H500 Trans-Oceanic. Howard C. Essl, 5301 Yorktown Rd., Bethesda, MD 20816-2843. (301) 656-6083. E-mail: hessl@dcez.com

WANTED: ARC51, ARC164, ARN83, ARN118, ARN127, SST181X, KY28, Wilcox 807, radios, mounts, manuals. James Treherne, 11909 Chapel Rd., Clifton, VA 20124. (703) 830-6272. E-mail: treherne@erols.com

WANTED: Electron tubes, ball bearings, Collins radio parts and equipment, aircraft parts & instruments, helicopter parts, lamps, synchros. Hy Ness Company, 709B Delair Rd., Cranbury, NJ 08512. (609) 395-1116. Fax: (609) 395-1117

WANTED: Pontiac Delco radios: 988569 (1956), 988672 (1957), 988823 (1958), 988977 (1959), 989615 (1960). Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

WANTED: Philco 70 with walnut cabinet and brass escutcheon, and Zenith military Trans-Oceanics R520/URR, R520A/URR. Michael Harrington, PO Box 250995, Little Rock, AR 72225

WANTED: Bendix radios, ads, signs, etc. Radios need not work. Aaron Mall, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-3313

WANTED: 6U5-6E5 tubes, paying \$8 new, \$5 for good used. Edmund De Cann, 307 3rd Ave., W, Box 543, Osakis, MN 56360. (320) 859-4282

WANTED: Tubes: Will pay these advertised prices for the following: 6CA7 GE/US - \$12; 6CA7 GE/UK - \$15; EL-34 Mullard - \$18; 6L6GC US - \$8; KT-66 UK - \$30; KT-88 UK - \$66; 6146B GE - \$11; 6146W - \$8; others. Must be new in boxes. However, will consider used KT-66s & KT-88s. Nr. Waynesboro, Va. Dee Almqvist, W4PNT, PO Box 371, Crimora, VA 24431. (800) 755-2356, voice mail. (540) 249-3161, hamshack. Fax: (540) 249-5064

WANTED: Hand-held size electric motors, ca. 1910 to 1920, names such as Porter, Knapp, Meccano and Gilbert. James Fred, R11, Box 41, Cutler, IN 46920

WANTED: Blue 01-A's with good emission, UV based if available. Will be at Rochester! Gary Carter, WA4IAM, 1405 Sherwood Dr., Reidsville, NC 27320. (910) 349-1991

WANTED: Instruction book & schematic for Lafayette TE-25 C.R. analyzer. Noel S. Iig, 228 Beck Rd., Avon Lake, OH 44012. (216) 933-5668. Fax: (216) 933-8864

WANTED: Viking 91, Kroehler 93, and Ozarka 95, or similar radios. Any condition considered. Gary Milner, 106 Henry Little Cir., Pea Ridge, AR 72751. (501) 451-1343

WANTED: Westinghouse WL-461, Taylor 833, DeForest 430 through 440 tubes, duds OK. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

WANTED: Working Grundig 4192, any cond. Hallicrafters portable radio TW-1200, exc/mint only. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

WANTED: Kolster 6-J; tuning mechanism, dial drum, pot metal frame for sensitivity control. Consider junk chassis. R. Rosengarten, 1448 Lebanon Rd., Clarksville, OH 45113-9711

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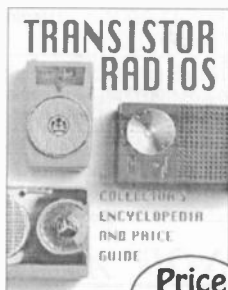
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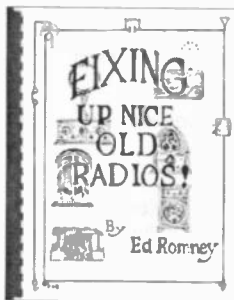
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Transistor Radios, A Collector's Encyclopedia and Price Guide by Robert Lane and David Lane. *Identification guide to over 2,500 transistor and novelty radios. History and key to collecting chapters, 170 pages. — \$19.95*



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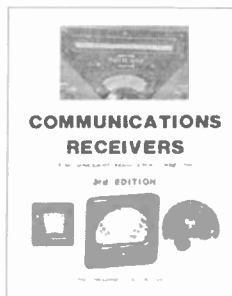


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FOR SALE: Bulvoa 100, ivory/gold, exc - \$45. National NC-57, vg - \$50. Trav-Ler 5061, vg - \$60. Silvertone 9000/9001, brown, exc - \$45. Motorola 6T26W, ivory, exc - \$45. Silvertone 4500A, black, vg - \$100. Radiotron Designer's Handbook, 3rd ed., good condition - \$40. All plus UPS. Jerry DeWitt, 1937 Love Cir., Simi Valley, CA 93063. (805) 526-5093. E-mail: jdewitt@rain.org

FOR SALE: Stewart phonograph, missing tonearm and reproducer - \$65. Zenith 6-D-315, brown needs dial plastic and back, no cracks - \$175. Microphone radio, black, some letters and numbers gone, works - \$125. Michigan 4-tube, table, works, needs refinishing, socket supports loose, nice, NT - \$285. Grebe MU-1, with label, with chain, has two lamps, NT, small veneer chip-out - \$230. Offers? Sure! Thanks. Del Tysdal, Rt. 1, Box 157, Glyndon, MN 56547. (218) 287-2562



FOR SALE: 1936 Sparto Nocturne #1186, black mirrored glass, exceptional condition, replies kept confidential, photos available. Nocturne, PO Box 8093, Manchester, CT 06400

FOR SALE: New HRO-500 in crate never opened - \$1,200. Hallicrafters SX-43 & manual & R44 speaker - \$150. RCA Review July 1939-Dec. 1950, (31) volumes - \$110. Sam's Auto Radio Series 1-71 (68) volumes - \$200. Beitman Diagrams 1952, 53, 54 - \$5 ea. All + UPS. Dan Mason, RFRt. 1, Box 204 F, Santa Fe, NM 87501. (505) 455-3416

FOR SALE: Sams Photofacts Vols. 35-649 - Best Offer. Sams Autoradio Vols. 19-24 - \$35. Symfact Handbook Vol. 1 - \$12. Call between 5-7 pm or mail SASE for detailed list of other related paper. Ed Coleman, 1079 E. Rehberg Rd., Greenbank, WA 98253. (360) 678-7414

FOR SALE: Large variety of older military electronic surplus communications, radar, and test equipment, including receivers, transmitters, modulators, antennas, motors, motor generators; also tubes, meters and technical manuals. Send LSASE for first preliminary listing. No callers. Compass Electronics Supply, 465 Market St., Paterson, NJ 07501. Fax (201) 278-5708

FOR SALE: Heath CB Model JW-10, Hallicrafters TV Model 514, Radio Amateur Handbooks 1953, 1957 - \$25 both. Mics: Calrad DM-21 w/cable - \$50. Lafayette MU-101 w/original case & cable, both dual impedance - \$50. Radio/TV literature list. Tubes, parts: Send wants or want list & SASE. Wilbur Gilroy, 129 Belmont Ave., Clarks Green, PA 18411. (717) 526-7356

FOR SALE: Fada Bakelite #1001 - \$55. Early Utah electro-dynamic speaker - \$60. Philco #37-93 cathedral - \$140. Philco #39-25 slant front - \$100. Set of five gold Airline GX-201 tubes, all good emission - \$325. All radios in nice condition + UPS. Jim O'Neill, 170

FOR SALE: Antique radios, radio service books. Send self-addressed stamped envelope for list. D.E. Bush, Box 5707, Lincoln, NE 68505

FOR SALE: Heathkit 6 meter transceiver, HW-29, w/manual and xtals - \$45. GE 400 - \$30. Jim Ligouri, 7 Sycamore Ct., Atkinson, NH 03811. (603) 362-5712

FOR SALE: RCA 68R1 big AM/FM - \$35. Car radio from '63 Chevy with motorized seek tuning - \$40. N.O.S. 2X2's - \$2 ea. Zenith C845 AM/FM - \$30. RCA WR64B color bar generator - \$10. All items plus UPS. Jon D. Andreasen, PO Box 22, Newton, NJ 07860. (201) 579-6261, 6 to 9 pm Eastern

FOR SALE: GR 1611 capacitance bridge - \$95. HP 205 sig. gen. - \$65. All plus UPS. Ted Stewart, W6NPB, 2157 Braemar Rd., Oakland, CA 94602. (510) 531-7042

FOR SALE: Nuclear Instrument Sniffer Geiger counter, g - \$45. DeForest rare D-7 loop antenna, solid center type, (see Douglas Vol. 1, p. 174), vgw - \$150. Ford Model T spark coil assembly with 4 spark coils and distributor head, g - \$60. Peerless cathedral speaker, g, works well - \$30. Baldwin E headset, g, works - \$20. Aeriola Sr., original paper, NT - \$150. AK-20 big box, good audios, NT - \$60. Western Electric 10-D horn speaker, vgw, works - \$185. Pocket radio crystal set ER-86, in box, headphone, instructions, M.I.J., vgw - \$80. DeForest 3-coil variable tuner, vg - \$75. Selecto loop antenna, diamond, collapsible, vg - \$120. Radiola RC, good looking - \$275. Murdock double slider tuner, good - \$135. DeForest Vis-ion, Type 601, early TV neon television tube, rare - \$75. Plus postage. Richard A. Botzum, RD2, Box 419, Morgantown, PA 19543. (610) 286-0047. Fax: (610) 286-5315

FOR SALE: Mouse Music, novelty computer mouse FM radio with auto scan tuning, N.I.B., cute and plays great - \$23 includes S&H. Jeff Hoskins, 824 E. Madison Ave., Stuart, FL 34996. (561) 283-2291, after 7 pm

FOR SALE: Central Electronics 10B "TTTG" page 10, g, untested - \$55. Galaxy Mk II "TTTG" page 30, g, untested, no PS - \$95. Heathkit HW-16 "TTTG" page 68, vg, works - \$90. Lakeshore Bandhopper "TTTG" page 86, g, untested - \$70. Gene Rippen, 615 Donnington Ave., Auburn, CA 95603. (916) 885-6147. Fax: (916) 888-6029. E-mail: soundval@foothill.net

FOR SALE: Trophy bowling ball, minor damage - \$200. Motorola circle grille, yellow/tortoise knobs. Air King Bakelite, orange knobs - \$85. Arvin 540 - \$50. Arvin 444 - \$55. Arvin 840T, mint - \$70. Arvin 502, chrome - \$85. Mike radio - \$70. Fada 652 cabinet and bezel only - \$175. Transistors: Silvertone 1202 - \$40. Emerson 555, aqua - \$50. Trancel 7TM-312S - \$40. New microphone list - Send SASE. WANTED: Big dumb ugly Air King in lousy condition. Green Emerson 540, 2-tube Arvin chassis. Microphones, especially RCA 44. Please call before 8 pm. Thanks. Brad Jones, 4801 Crofton Springs Ct., Greensboro, NC 27407. (910) 547-1919

FOR SALE: Edison Standard, very nice condition - \$575. Majestic 71, needs veneer work. Doug Koehn, 315 S. 14th, Quincy, IL 62301. E-mail: dkoehn@harris.com

FOR SALE: Pink Zenith Royal 500 - \$475. Red Emerson 999 - \$275. Emerson 888's, all colors. John Kern, 2320 Rosedale Rd., Quakertown, PA 18951. (215) 538-2128

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FOR SALE: Radio Stars and Radio Mirror magazines, 1931 to 1934. SASE. Robert J Stone, 721 Fisk St., Piqua, OH 45356-3729. (513) 773-2217

FOR SALE: Transistors: black Sony TR-63, chipped - \$325. Motorola 6X32 - \$35. Four Star 2 xstr boy's radio - \$30. Seminole 1101 - \$30. Viscount 605, Venus, chipped - \$30. Dennis Schrank, 3129 S. Quincy Ave., Milwaukee, WI 53207. (414) 744-3374. Fax: (414) 744-8780

FOR SALE: Tube testers, Hickok 539-C with 3 meters, mint - \$120. TV-7U - \$85. Eico 666 - \$55. Jackson 648A, fair - \$25. Heathkit 1P-17 regulated H.V. power supply - \$75. All with manuals. B&K 1077B TV analyst - \$75. Hewlett Packard 200-CD wide range oscillator, 5 cycles to 600 Kc - \$45. PACOG-30 RF generator - \$15. Heath IG-42 signal generator with meter - \$25. All tested and in working condition + UPS. Mervyn Ellsworth, 2309 N. 25 St., Boise, ID 83702. (208) 345-6878

FOR SALE: GE 321, nice working cond. wood - \$25. Crosley 11-109U untested, rusty dial - \$15. Crosley JC6BK clock radio - \$15. Silvertone Cat. #3026 ivory Plaskon clock radio - \$20. Webster Teletalk wood case intercom - \$10. (4) Zenith N.O.S. Bakelite cabinets - \$10/all. Zenith SSAVI-I TV decoder - \$5. Sprague M-2 motor cap. tester - \$5. Transistor Theremin - \$10. N.O.S. 5 & 6" replacement spkrs w/ceramic magnets - \$2.50 ea. 8BP4 used pic tube - \$25. Tele-check 5" test pic. tube - \$5. N.O.S. projection lamps - \$5 ea. Beitman's Most Often Needed manuals 26-38 & 41 - \$5 ea. TV 48 & 52 - \$3 ea. Rider's 1936 AVC hardcover - \$10. Gernsback Educational 30's booklets 1, 3, 4, 5, 6, 8 & 10 - \$20/all. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

FOR SALE: (2) Shure 55S microphones, made in early 50's, like new - \$250 ea. plus shipping. Erich von Gaertner, 27808 Espinoza, Mission Viejo, CA 92692. (714) 859-7595

FOR SALE: AK-510 - \$225. **WANTED:** Tuska 225 transformers. Bob Nicholson, 3423 S. Long, Topeka, KS 66605-2486. (913) 266-9473

FOR SALE: Radio collection - SASE for list. **WANTED:** Worldwide ephemera pre-1940. Steve Blank, 407 Hamilton Ave., Linwood, NJ 08221. (609) 926-9277

FOR SALE: Four (4) pieces new 3B28 - \$20 ea. + shipping. Other industrials. Marvin J. Glassman, 19300 Romar St., Northridge, CA 91324. (818) 993-4560

FOR SALE/TRADE: Edison books, coins, ads, cards. Telephone books, signs. Bob Fuschetto, WA2BCR, 1758 Michael Dr., Whitehall, PA 18052. Call bet. 7 pm & 9 pm: (610) 435-8944

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FOR SALE: Amps: Altec 342B - \$190. Operadio 848 projection amp - \$140. Dukane 1A475A, 70 watt, 4-6CD6A finals - \$290. Plus shipping. John Walch, 381 Co. Rt. 17, Bernhards Bay, NY 13028. (315) 675-8135

FOR SALE: Realistic video disk player with two discs - \$25. AK 145, rough - \$60. Phil Boydston, 640-18 Tete Lours, Mandeville, LA 70471. (504) 845-0867

FOR SALE: The following sets are in working condition: Majestic 293 - \$185. Majestic 314, dual speakers, beautiful - \$225. Majestic 60 highboy (from Ford Museum, with documentation) - \$120. Majestic 91 - \$90. Zenith 6S-597 radio/phonograph, both play great - \$100. RCA C-13-2, cabinet needs some work - \$75. American Bosch library cone speaker, reconed & working - \$95. Meissner replacement coils, dial glass from 2 1/8" to 4 5/8", can deliver to Elgin, Rochester or points in between. Will be traveling from Elgin to Rochester looking to buy! Buy! Buy! Let me know what you have! **WANTED:** Majestic advertising and/or any paper items referring to Majestic (Grigsby-Grunow) or Grunow (General Household Utilities). GGH green celluloid horn speaker. Music Master literature, Music Master 21" horn. Music Master radios. Please note new address & phone lines!!! Chip Taylor, PO Box 20625, Bradenton, FL 34204. (901) 739-5607. Fax: (941) 739-5608

FOR SALE: Radio schematics - \$2.75. Zenith, Philco, Crosley service manuals, Rider's Radio Index 1 thru 23, all Xerox copies. Rider's Radio Manuals 6, 7, 8, 9, 11, 12 and 14 - \$20 ea. Reproduction Philco cathedral cabinet parts: bottom mould, bottom board, front panel, rear arch, grandfather clock finial. Let me know your needs. **WANTED:** Philco cathedral cabinets, any condition. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516, evenings

FOR SALE/TRADE: Rider's Radio #4, 7, 11-15; Popular Electronics, 1955-1978, many new issues - SASE list. Dave Minchella, KE2GE, 80 Campfire Rd., N. Henrietta, NY 14467. (716) 359-3337

FOR SALE/TRADE: Brunswick 5KR - \$95. Philco 8JR - \$95. Many more, list SASE. Photos - \$1. Phillip A. Johnston, KD4LYB, 2129 Garstland Dr., NW, Roanoke, VA 24017. (540) 265-2433

FOR SALE/TRADE: Fada #1000 Y/R, Fada #700 Y/R, Emerson #540 brown; Trav-Ler #5055, brown/white inset grille; Deco RCA 46X2 ivory plaskon. Brian Masciocchi, 44 Rolo Ct., Mechanicsburg, PA 17055. (717) 795-7271. Fax: (717) 795-1753

FOR SALE: Heathkit DX60B, HG10B VFO, HR-10 with calibrator, HS-24 speaker; will not separate, untested - \$165 plus postage. Ron Eisenbrey, 115 First St., Sugar Land, TX 77478. (713) 491-7823

FOR SALE/TRADE: Emerson A 130 AM/SW - \$40. Zenith 6D621 AM - \$45. Both clean, good working sets. Bob Fuerderer, Holly Farm, 813 Rt. 12A, Surry, NH 03431. (603) 352-3005

FOR SALE: New projection CRT, 3NP4 by Norelco, used by 1940-50's BW PTV's - \$25. Paul Jochim, 6341 Blackhawk Trl., Indian Head Park, IL 60525-4315. (708) 784-0742

WANTED: Zenith Stratosphere and other high tube count radios. Also Zenith and other pre-1950 advertising. We will buy or trade. Alan Jespersion, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489

Classified Ad Deadline Noon

Aug. 10 for Sep. 1996 Issue

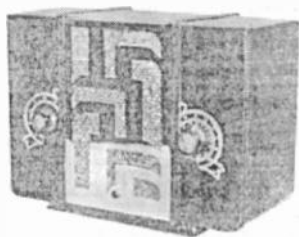
Sep. 10 for Oct. 1996 Issue

Boxed, Photo, & Display Ads - 1st

WANTED: Outside latch/clasp for Victrola VV-35 portable. Will buy good parts set. Richard Rubin, 227 Riverside Dr., Apt. 5-A, New York, NY 10025. (212) 864-8416. E-mail: wireless@panix.com

WANTED: Collectors to visit the Motorola Museum Wednesday, Aug. 28, at Radiofest 1996. See the July A.R.C. for full info. Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107. (815) 399-1902

WANTED: Tuska thumbnuts and socket; blueprints for Mello-Heald 14-tube Hot Spot superhet; blueprints or schematic for Haynes-Griffin superhet; Marle open frame audio; interesting late 20's superhets; Grimes Octomonic, Ozarka radios, Corbett cabinets; base for Music Master loop or complete one. Don Patterson, 636 Cambridge Rd., Augusta, GA 30909. (706) 738-7227. Fax: (706) 721-9197



WANTED: This Colonial chrome-front set & other metal grille radios. Can pick up at Elgin or Rochester. Jay Malkin, 1250 Galapago, #206, Denver, CO 80204. (303) 623-6451

WANTED: Collectors to attend John Meredith's E.H. Scott presentation on Friday, Aug. 30 at Radiofest 1996. See the July A.R.C. for full info. Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107. (815) 399-1902

WANTED: Amrad 3366, other Amrad sets and parts. Grebe CR-13. J.C. Woychowski, 17 Hope St., Niantic, CT 06357. (860) 739-6579

\$\$ Top Dollar Paid \$\$ **Zenith Model 563 DC Highboy**

I need a Power Supply, Chassis, Dial, & Automatic Tuner for my Zenith Model 563 direct current radio restoration.

(See Zenith Radio Brochure Book, Year 1930)

If you have these restorable parts please contact:

Larry Wilson, 310 75th Avenue No., #3
Myrtle Beach, SC 29572
(803) 449-5839 phone or fax

WANTED: Tuning knob and screw for AK 55, volume and power escutcheons for Radiola 17. Jeff Stevko, KE6UFN, 2434 Coach Dr., Spring Valley, CA 91978. (619) 660-9524

WANTED: Vintage hi-fi/professional tube equipment & speakers. Paying the highest collectors' prices (call my competitors!) for the following: Up to: \$3,200 for Marantz consolettes; \$3,500 Twos; \$2,200 Threes; \$1,600 8B; \$2,000 10b; \$8,500 nines; \$3,000 McIntosh MI200AB; \$1,000 50W2's; \$1,600 Fisher SA1000; \$1,300 F/Lincoln; \$1,200 Scott 4310, 4100, 4120; \$1,500 Regency HF1000 ensemble; \$8,000 Patrician; \$2,500 Jensen Imperial; \$1,500 G610; \$2,500 Tannoys; \$2,000 Hadley amp; \$7,000 WE1086; \$1,800 S. Carlson RF475 system; \$600 K. Monks r.c.; \$1,000 R.E.L.; \$800 Altec 1570; \$600; \$1,800 Laguna. Capistrano; \$800 Ionovacs; \$45 EL37; \$60 m. base EL34; \$35 8045; \$55 8005, KT66, 77, 88, 6LF6, 12AX7 Mullard. 50's, 211, 845, 7591, 6550, black cats, U.T.C., Acro Peerless xfmrs. Tube x-overs, transcription arms, Altec 260, 287, 340, 350, 1570, Arpex 354, AR LST, II, Beveridge, Brociner, Brook, Cotter, Dynavector, Dyna, MKill, IV, ST35, EICO HF30, 60, 89, Fairchild, Futterman, Garrard 301, Grommes, EL CASSET, Gale T.T., FR66, Heath, H.K. at I, KLH 8, 27, Lansing, Leak, Lowther, Ohm A, Pilot, Quad, R.C., RCA f. coils, mikes, amps, S.C. 437, SME 3012, Plasmatronics, transcriptors, triode amps, theater amps, Tektronix 570, 1/2 TK tapes. Trading fairly 25 years. Calls returned on wanted items. Please be specific. Ed Schneck, 1401 Ocean Ave., Brooklyn, NY 11230. (718) 377-7282, 3-6 pm, M-F

WANTED: Escutcheon for Philco Model 70, brass or plastic. Thanks. John McDonald, 513 Whitnell, Murray, KY 42071. (502) 759-4510

WANTED: Chassis, speaker & phonograph for Zenith Model E75, 1931. Karl Manthei, 3318 Putnam Ct., Fairfield, CA 94533. (707) 422-2613

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FOR SALE: DeForest D10 cabinet only - \$125. Zenith 5S127 - \$150. AK L chassis - \$65. AK 20C cabinet - \$25. Hallicrafters S20R - \$80. Crosley 10-135, crack - \$40. Crosley 725 - \$90. Delco 1106, painted - \$100. GE A-53 - \$100. Michigan MRC-12 - \$225. All plus shipping. Don Sturzenbecher, 26990 S. Marion Rd., Sioux Falls, SD 57108. (605) 368-2135

FOR SALE: Tubes: U.S. made in original boxes. RCA, GE, Sylvania, etc. 6LQ6/6JE6C - \$30. 20LF6 - \$30. 6MJ6 - \$45. 6JB6 - \$12. 6JT6A - \$20. 6LX6/6LF6 - \$30. 6KD6 - \$25. 6JS6C - \$25. 6BK4C - \$10. 6146A - \$12. 6JR6 - \$20. 6LR6 - \$25. 6LB6 - \$15. 21JZ6 - \$5. 26LX6 - \$10. 23JS6C - \$8. 24LQ6 - \$5. 31LQ6 - \$5. 7027A - \$40. 6L6WGB - \$20. 7591A - \$35. 5U4GB - \$10. 6SN7 - \$10. 6V6GT - \$20. 5AR4/GZ34 - \$35. 12BH7 - \$10. 12BY7 - \$6. 7199 - \$15. 6DJ8 - \$8. 5751 - \$8. Lots of tubes in stock! I have Compactrons, and other oddball tubes. Send me your tube want list! Steve Harrell, 1179 Boylston St., #30, Boston, MA 02215. (617) 247-0672. Fax: (617) 730-8449

FOR SALE: Kuba Model 821 console w/Saja MK5 tape, Telefunken 4 speed phono - \$175 pick up only. William Diggins, 2739 Park Ave., Baldwin, NY 11510. (516) 868-6507

BOXED CLASSIFIED ADS WORK! This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 1st of the month.



WANTED: Tube Hi-Fi components & commercial amplifiers by Marantz, McIntosh, Tannoy, Acrosound, Brook, Brociner, Fairchild, Hadley and others. Also want Western Electric theater amplifiers, speakers, tubes, & microphones. Richard Sharisky, PO Box 521, Belmont, MA 02178. Phone (617) 484-5784. Fax (617) 489-6592

WANTED: Vintage Electronic Music Synthesizers and modules by the following manufacturers, especially the listed models. Aires Modular, System III. ARP 2500. Buchia Modular, 100, 400. E-mu Modular. EML Electrocomp 100, 101, 200. EMS Synthi A, Synthi AKS, VCS3. Korg Modular PS-3100, PS-3200, PS-3300. Moog Theramin, Modular, Series 15, 35, 55. Oberheim SEM modules, 2-, 4- & 8-Voice Systems. Paia Modular 2700, 4700. Roland Modular Systems 100, 700. Serge Modulars, System 79. Synton Modular System. Call and surprise me; make my day! John V. Terrey, 498 Cross St., Carlisle, MA 01741. (508) 369-9770. Fax: (508) 371-7129.

FOR SALE: British 1920-1950 tubes, also many U.S. and some European new and used. Valve & Tube Supplies, Unit 2A, Rink Rd., Ryde, Isle of Wight, PO33 2LT, United Kingdom. E-mail: <http://www.pascall.co.uk/vaivpg1.html>

FOR SALE: European radios for sale! 1. Saba wild band W5-3D, dark wood, 1958, AM/FM/SW - \$395. 2. Nordmende/Sterling Hi-Fi Turnadot, 1955, dark wood - \$150. 3. Grundig/Majestic plastic 100 U, red/brn, fair, 1968 - \$45. 4. Korting Billy plastic two-tone red and white, 1954 - \$125. 5. Grundig/Majestic 2120, brown plastic, nice, 1959, crack panel not original - \$125. 6. Phonovox Opta, brown/white plastic, beautiful, 1954 - \$135. 7. Grundig 92-US AM/FM/PU, blond wood (small), 1953 - \$75. Floor models: 8. Grundig/Majestic Locarno AM/FM/SW/PH, dark wood hand-rubbed, high gloss, beautiful, 1961 - \$250. 9. Grundig/Majestic Consolette KST, 1953, AM/FM/SW/PH, excellent radio in fair condition, Art Deco cabinet - \$135. 10. Grundig 97-U blue, 12-band AM/FM/SW, 1954 - \$125. 11. Schaub-Lorenz wood AM/FM/SW, 1957, Goldy 250 - \$100. 12. Phillips wood 1949/50 AM/FM/SW, uses ext. speakers, speakers are not included use and kind of 6/8 amp speaker - \$100. Transistors: 13. Grundig CR 361 AM/FM and cassette player, 1967 - \$55. 14. Grundig 6001 AM/FM/LW/SW, 9 bands, 1964 - \$200. 15. Phillips AE 3350 12-band world receiver, 1995 - \$125. 16. Grundig 2147U, needs filter, wood, 1957 - \$110. Prices listed include special packing. UPS and insurance at additional cost, approx. \$35 per radio U.S.A. Consoles for pick up only! RGB Enterprises, PO Box 5361, Old Bridge, NJ 08857. (908) 679-8026. Fax: (908) 679-8524

FOR SALE/TRADE: 1936 Wurlitzer Simplex Mod 412 12-play 78 rpm automatic coin-operated jukebox, totally restored in bright red and gold, videotape available, looks and sounds great - \$3,000. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Hallicrafters Models S-2, S-33, S-35, SX-112, EP-132, HT-2, HT-3, HT-8, HT-12, HT-14, console speaker R-8, RCA Model AVR-11, AR-88, Philco 38-690, Midwest 20-38 chassis & speaker. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Dr., Austin, TX 78745. (512) 443-5027

WANTED: WE European etc. tubes, transformers, SP, parts, hi-fi amp, jazz LP. Kouji Matsuo, 6-2, Tsurumi-cho, Beppu-shi, Oita, 874, Japan. Fax: 81-977-23-9579

WANTED: RCA 45 rpm players, mint. RCA Magazine-type tape recorders. Chrysler HI-WAY HI-FI car record player or records circa 1956-1958. Bob Green, WB3CRX, 1711 Breezy Acres Rd., Orwigsburg, PA 17961. (717) 366-3949

WANTED: 1920's and 1930's neon television tubes with or without boxes or just empty boxes. Television and broadcast receivers from 1920's & 1930's. 1920's & 1930's television magazines; Television, Television News, etc. Scanning discs, empty cabinets, chassis, parts, etc. for scanning disc TV's. Western Television Corp., See-All, Baird Televisor, ICA, Find-All, Television kits - Jenkins, Daven, Continental Television Corp., Freed-Eisemann, etc. What do you have? Larry Dunn, 473 Serento Cir. Thousand Oaks, CA 91360. (805) 492-7111

WANTED: Candlestick phones and all parts. DeForest D-10 coils. Burns black horn bell, any condition. Catalin radio parts or broken sets. RCA and Nipper items. Complete Catalins. Can meet at Rochester AWA. John Pisarski, 114 Evans Rd., Norristown, PA 19403. (610) 539-0756

WANTED: Handle for Bulova 620 transistor radio; also complete 620 radio. Also back for black Zenith Royal 300 transistor radio. John B. Crackel, PO Box 294, Auburndale, FL 33823

WANTED: Philco PT-87, or 41-81, Minerva W117. Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi Nagano-shi, Osaka, Japan 586. Phone/fax: 011-81-721-52-4695, mid/eve. local. E-mail: yam2dnr1@osk.threewebnet.or.jp

WANTED: EICO tube CBs, early aluminum 5/8 wave base antennas for CB. Ron Johnson, 123 West Mountain St., Worcester, MA 01606. (508) 852-9794

WANTED: Tubes: 01's, need 2 good (1 amp); and 01-A's (1/4 amp) unique duds OK for display. Hal Kravig, 2615 Juneway Dr., Memphis, TN 38134. (901) 388-2857. Fax: 388-5102

WANTED: Chassis for Brunswick 33. Also looking for Thorens TD-124 turntable. Please contact: Donald Cochrane, 858-I Antonette, South San Francisco, CA 94080. (415) 875-1725

WANTED: Philco 89 and Philco Jr. cabinets in good condition. Frank Vogler, 1135 E. Smoot Dr., Tucson, AZ 85719. (520) 887-6977

WANTED: Power transf. for Philco 90. Stancor P4044 or Thordarson T13R06. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: 1920's British crystal and battery sets and horn speakers. Ian L. Sanders, 16725 Wild Oak Way, Morgan Hill, CA 95037. (408) 778-7547

WANTED: Looking for a fair price on a 78 rpm picture record. Harry MacMullan, 469A Garnet Mine Rd., Boothwyn, PA 19061

WANTED: Information on tube radio and schematic: Siltronix 1011D Citizens Band. Thanks. Paul Recupero, 265 Union St., Portsmouth, RI 02871. (401) 847-8589

WANTED: Broadcast-type MICROPHONES. Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, PO Box 620, Kingsland, GA 31548-0620. (912) 729-2242



WANTED: Zenith Model 990 12-tube console. I'll pay \$1,250 for a restorable set. I'll arrange for pickup or can meet at Elgin. Top prices paid for pre-black dial Zeniths. Martin W. Blankinship, PO Box 157, Leocompton, KS 66050. (913) 887-6560

WANTED: Forest Service radio equip. before 1950, especially equip. built by Northwest companies. Also interested fishing vessel radios either older octal tube based or later transistor SSB. Manuals, advertising paper, any years. Hue Miller, 250S. 900, E, #4C, Salt Lake City, UT 8410

WANTED: Crosley Ace V/51 lid. Echophone/Meteor cabinet. Grebe CR-9 audios. Grebe RORN faceplate. Magnavox AC-3 cabinet. Radiola V crystal detector. Zenith power transformer Model 8S443, Chassis 5808, Part #95-627. Don Sturzenbecher, 26990 S. Marion Rd., Sioux Falls, SD 57108. (605) 368-2135

WANTED: US 6550 tubes, N.I.B./N.O.S., paying \$25 ea. Only interested in new. Dee Alquist, PO Box 371, Crimora, VA 24431. Voice mail: (800) 755-2365. Fax: (540) 249-5064. Eves.: (540) 249-3161, Eastern

WANTED: Multi-play spindle for BIC Model 940, belt for Dual Model 1257 changers. Tom Tompkins, 106 Falls Rd., Apt. 1, Shelburne, VT 05482. (802) 985-2741

WANTED: N.O.S. and good working Zenith 6T5 tuning eye tube for Zenith robot dial. Thanks! Tom Paruta, 43 Flower St., Buffalo, NY 14214. (716) 837-8131

WANTED: Crosley Model 5M3 or junker with repairable cabinet. Cleo McAlexander, Box 4, Stanleytown, VA 24168. (540) 629-2972

WANTED: Adjustable spark gap from transmitter or old junked medical therapy device. Thomas J. Butkus, 838 Lenox Ave., Waukegan, IL 60085. (847) 244-0427

WANTED: Escutcheon and push buttons for RCA 96T7 radio. Chuck Humphreys, PO Box 598, New Haven, WV 25265. (304) 882-2220

WANTED: Crosley 48 (Elf or Widge). Also chassis and speaker for AK 82 cathedral. Ron Stoner, 5341 High St., Lincoln, NE 68506. (402) 489-9259

WANTED: Zenith Trans-Oceanics, all models tube & transistor, any condition. Zenith military Trans-Oceanics R520/URR, R520A/URR. All Zenith wood tube table models. Frank J. Manzano, 82 Monhegon Ave., Oakland, NJ 07436. (201) 337-5263

VINTAGE MANUALS AVAILABLE for amateur, audio, and radio-related equipment. Quality is always our number one customer priority. Satisfaction guaranteed. Send two 32¢ stamps for catalog. Pete Markavage, THE MANUAL MAN, 27 Walling St., Sayreville, NJ 08872-1818. (908) 238-8964

WANTED: 1930 to 1942 Police Radio communication equipment. Any 6 VDC mobile communication equipment. Raymond Miller, 953 N. 1st St., Albemarle, NC 28001. (704) 982-0228

MILLEN ORIGINAL PARTS, manuals, equipment. New and used. Bought and sold. James Millen Electronic Equipment Mfg., PO Box 4215, Andover, MA 01810-0814. (508) 975-2711. Fax at (508) 474-8949

WANTED: WE 728B - \$2000/pair. WE 555w - \$2000/pair. Perfect and original only. UTC LS40, LS19, LS21, LS25, HA106, HA104, HA105. WE 608A, 609A, 187A, 159B, 166A/B, 520A, 171C, 285F/L/R, 264C, 270C, 285J/K, 618A/B. Kouji Matsuo, 6-2 Tsurumicho, Beppu-shi, Oita, 874 Japan. Fax: 81-977-23-9579

FOR SALE/TRADE: National HRO Mod 500 receiver in outstanding working and cosmetic condition - \$825. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: N.O.S. tubes, 41, ST, (63) - \$6 ea.; 6SL7WGT, brown base, (36) - \$5 ea.; 6DK6, (100) - \$1/2; 6CA4, (5) - \$8 ea.; 80 tubular, (10) - \$6 ea. Used tubes: 6SN7GT, (400) - \$1.50 ea.; 6SL7, (40) - \$2 ea.; 6BG6, (30) - \$2 ea.; 42, (25) - \$5 ea.; Magic eye 6U5, (13) - \$10 ea.; 24A, 27, ST (20) - \$3 ea.; 24, 27, balloon - \$6 ea.; 12BY7, (50) - \$3 ea. 6CG7/6FQ7, 8CG7, 8FQ7, (100) - \$2 ea. 6AL5, (100), 3 for - \$1. 1B3, (200), 3 for - \$1. 6AS7G, (20) - \$2 ea. 6BQ7/6BZ7, 2 for - \$1. 6CB6, (300), 3 for - \$1. 6AU6, (100), 2 for - \$1. 6AK5, (100), 3 for - \$1. 6AH6, (100), 3 for - \$1. 6CG3, 6W4, (100), 3 for - \$1. 6AX4, 12AX4, (100), 3 for - \$1. 12SN7, (50), 2 for - \$1. Minimum order - \$25 + S/H. Call: George Stagakis, George's Radio and TV Repair, 1714A 41st St., North Bergen, NJ 07047. (201) 867-9136. Fax: (201) 867-4044

FOR SALE: Motorola Service Manuals, Radios 1950-1960, Auto Radios 1952-1960 - \$25 ea. See A.R.C. May issue page 62 and June issue page 68 for items available except RCA 4T. **WANTED:** Sentinel radio for book radio and diagram for Heathkit SW-717 four-channel radio. All items plus UPS. Charles R. Boller, 3108 N.W. 91 St., Seattle, WA 98117 (206) 782-8318

SOLID-STATE VIBRATORS for automobile radios 1932-58. Exact duplicates of originals in metal cans. Synchronous, Non-sync, European. Dealer inquiry invited. Free catalog. Visa, MasterCard, Discover. Antique Automobile Radio Inc., 700 Tampa Road, Palm Harbor, FL 34683. (800) WE FIX AM 933-4926, or Fax (813) 789-0283

PHONO NEEDLES & CARTRIDGES: (Ceramic & magnetic) What do you need? Send SASE. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08093. (609) 582-8279

ANTIQUe RADIO RESTORATION Satisfaction - Guaranteed. Ray Sanders, 342 South Third, Cottage Grove, OR 97424. 541-942-0866



WANTED: RCA hi-fi/stereo console Model SHF-1 (pictured) or similar RCA consoles/home entertainment centers, late 50's-early 60's (especially blond Danish moderne look). RCA Product Catalogs, RCA Engineer, RCA Electronics Age, from 1956-1962. Any help appreciated. John McLawhorn, 112 Walnut St., Cary, NC 27511. (919) 467-8018

RADIO SCHEMATICS PLUS DATA STILL \$3.00 EACH. TV \$4.00, POSTPAID USA. JOSEPH R. FORTH, 321 LONG VUE ACRES, WHEELING, WV. 26003. (304) 277-3154. E-mail: Schematic1@aol.com

FOR SALE: 1923 Federal Model 59 battery set, in excellent condition, plays, includes tubes, buyer pays for shipping - \$1,300. No calls after 10 pm ET please. David Wright, 5225 Pooks Hill Rd., Apt. #214 North, Bethesda, MD 20814-2032. (301) 530-3587. E-mail: dawright@cpucug.org

FOR SALE: Tube testers: BK 500 w/papers, @ 9 - \$40. GE TC-3A w/chart & book, EB1-7001C, 1954 book - \$40. Clock-radios: Zen. Mod-X514, @ 9 - \$15; GE Mod 431, @ 9 - \$15. Raytheon Mod C-50B, @ 9 - \$30. Metal Arvin Mod 444, @ 9 - \$75. New Alladin, no mod #, 6 tube, lift lid, 2 dial, @ 9 - \$175. NC Mod 98, A/O, N/D, @ 9/p - \$140. N.O.S. velvet verniers - \$15 ea. Plus P&S. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: 0441

FOR SALE: Neutrowound (blue) - \$675. Radiola Regenoflex, Radiola 20. **WANTED:** Case for Kadette Classic. Steve Lange, 1351 N. 58 St., Milwaukee, WI 53208. (414) 259-1031

FOR SALE: Sony CRF-150 13-band - \$225. Realistic DX-160 with SP-150 speaker - \$125. **FOR TRADE:** My Western Electric 205-D tube (with box & doc.) for your Zenith 9S324, RCA 140, GE K-80 or ????. Also my Acrosound TO-300 for your 1938-1941 Zenith 8-inch speaker. Armand Cote, 6 Sycamore Ct., Atkinson, NH 03811-2727. (603) 362-8715

FOR SALE/TRADE: A pair of Altec 340A (50-watt) per mono block amps - \$500. Pair of Altec 1570-B mono block amps, 165 to 200 watts per unit - \$900. Craftsman Mod 500 amp w/tubes - \$395. Vintage RCA theater amplifiers (70 watts) per mono block - \$950/pair. 70-watt Eico ST-70 stereo amp - \$300. Dyna PAS preamp - \$175. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Philco 90 chassis and console spkr, works - \$75. Zenith wood table 5R216, works - \$70. Philco console, 11 tube, 40-201, works - \$100. Zenith console 6S254, works - \$100. Consoles pickup only, table model and chassis-spkr plus shipping. Raymond Humphreys, 904 Jackson St., Macon, MO 63552. (816) 385-2821

Victrola Repair Service: Windup phonograph repairs, parts, springs, needles via U.P.S. Rod Lauman, 19 Cliff St., St. Johnsbury, VT 05819. (800) 239-4188, eves.

WANTED, ANY CONDITION: RBY, Hallicrafters S-35, PR-1, Collins 478R-1, Squires-Sanders SS-1V panadaptors; also schematics, manuals, ads, articles, technical data on them. John A. Benyo, 25 Schley Street, Garfield, NJ 07026

SPEAKER PARTS: Adhesives, Cone, Dust Caps, Gaskets, Voice Coils (Round and Edgewound) Spiders and Terminals. Refoam Kits - \$14-\$18 for speakers. Cat. avail. \$10.00 (Refund.) 800 order line Visa/MC/Am.Ex. Speaker Parts Co., PO Box 14731, Fremont, CA 94539. 510-490-5842/510-490-1961 FAX

VOICE OF MUSIC (VM) "Collector's Voice" Newsletter covers VM audio products, restoration hints, and company history! Issue #1 is FREE for a regular SASE sent to: Gary Stork, 37530 E. Meadowhill, Northville, MI 48167-8915. (810) 478-0990

WANTED: Volume control for Grebe MU-1 Synchro-phase. Also, restorable cabinet for AK 84 cathedral. Thanks! Dan Sipola, 2840 Copeland Rd., Maple Plain, MN 55359. (612) 972-8214. E-mail: philco90@minn.net

WANTED: Atwater Kent showroom sales literature 1931-1936. Also Models 208, 255, 273D, 312, 412, 608, 648, 710 and 318 or 559 cabinet only. Bring 'em to Elgin. Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107. (815) 399-1902

WANTED: RCA: Advertising, promo, display items, table radios, clock radios, portables, transistors, TV's, phonos. Jeff Strutin, 1 2nd Ave., Central Islip, NY 11722. (516) 582-2569

WANTED: Hallicrafters SX-110 main tuning knob, #015-301339, grey plastic, silver insert, 2" cartwheel. Chester P. Coleman, 1705 Church St., #204, San Francisco, CA 94131-2474. (415) 441-3377

WANTED: Butterscotch Catalin pinwheel knobs for Dewald A502. Insert piece for top front hole Coronado 43-8190. **FOR SALE:** Catalin backgammon chips. Mike Stambaugh, 506 W. Springettsbury Ave., York, PA 17403. (717) 854-1368. E-mail: mlstam@cyberia.com

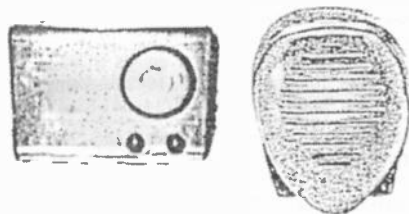
WANTED: Packard-Bell 1941 Model 120-D or 51-C console in good condition. Ronald K. Edge, 2923 Mayfair Ave. N, Seattle, WA 98109. (206) 284-6196

WANTED: 1920's DC radio (110 VDC) such as Radiola 18DC or similar. Victor universal 32 VDC phonograph motor with resistors (if possible) for use with 110 VDC. Keith J. Hlavacs, 9185 Bray Rd., Millington, MI 48746. (517) 871-9977

WANTED: Westinghouse WR-46 in any condition except junk. Help me jigsaw the last piece of my 3-year puzzle. Richie Coulborn, 65-47 Myrtle Ave., Glendale, NY 11385. (516) 676-6699, M-F 8 am-4:30 pm. (718) 386-7009, weekends and after 8 pm weeknights

The Olde Tyme Radio Services Directory is now available. Find the services and parts needed to restore that old radio or t.v., also included are clubs and publications all categorized and sorted by state for easy look-up. Over 225 suppliers listed, and always adding more each year. Send \$4.00 ppd. Andrew Mooradian, 5 Priscilla Lane, Winchester, MA 01890

WANTED: Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irana, Valencia, CA 91355. 1-805-259-2011



WANTED: 1946-49 EMERSON Model #503, 519 or 535 or similar models with perforated wooden fronts, any condition, state price based on condition. Also want ZENITH "radio nurse" brown plastic speakers used in hospitals, 1940's. Steven Cabella, 500 Red Hill Ave., San Anselmo, CA 94960. (415) 461-6810

WANTED: Early Zenith Royal 500. Regency XR-2A case and knob, or reasonable whole radio. John Watson, 355 E. Second St., Moorestown, NJ 08057. (609) 234-6986

WANTED: Eico Model 615 adapter (or construction info) for 667 tube tester. Thanks! Jim Bremer, 2919 Inez Rd., Redding, CA 96002. (916) 222-8001 or e-mail: ke6oua@aol.com

WANTED: Radiola 47 parts set. I need PS chassis, phono, speaker, knobs, and bezel. Tom Burgess, 9 Belle Meadow Ln., Little Rock, AR 72210. (501) 455-0773, eve

WANTED: Type 50 (larger)/250/350 tubes: N.I.B. - \$185, used - \$115. H. Kato, c/o T. Kato, 6868 Chelsea Rd., McLean, VA 22101

WANTED: Push buttons for Philco 48-480, back for Silvertone Model 1, knobs for Zenith 805 and Bendix 110W. Barry Jones, 11340 Darmstadt Rd., Evansville, IN 47711. (812) 867-3510

WANTED: Highest prices paid for Western Electric tubes and equipment. Also wanted 2A3, 10, 45, 50, KT-66, KT-88, 6550 (ST) and Altec 604B/C speakers. Don Singerhouse, PO Box 768, Maywood, NJ 07607. Phone/fax: (201) 843-8682

WANTED: Trav-Ler 5054. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770. (203) 723-8976. E-mail: franzis@cfdc.com

WANTED: Portable Emerson 645 with fan antenna. Original instructions book for Sparton 301 Equasonne. Tony Parjus, 816 Richard Ln., Gretna, LA 70056. (504) 393-0099

WANTED: Bunis Guide, 1st Edition. Philco 48-230, 48-460-1, 49-501, 49-503, 49-506, 50-526, 51-532, 52-548, 52-940, 53-566. Motorola 5X1U, 53H1, 53X1, 5X11U. Acrosound J, Fairchild, Fisher, Hadley, Karg, REL, etc. Tube hi-fi equipment, accessories, sales literature. 1950's-1960's hi-fi books, plus Allied, Lafayette, Heathkit, etc., catalogs. KLH 8 and accessories. Paul Creasy, 6216 Worlington Rd., Bloomfield Township, MI 48301. (810) 737-0429. E-mail: 74664.1153@compuserve.com

WANTED: Radio Callbooks 1900 thru 1927. Bob Arrowsmith, W4JNN, PO Box 166, Annandale, VA 22003. Collect (703) 560-7161

WANTED: Fairbanks Morse console Model 9C or 12B preferred. Charles E. Patterson, 2621 Sweetwater Rd. SP#33, National City, CA 91950. (619) 475-7141

REPLACEMENT GRILLE CLOTH for Radiola 103 speakers, excellent silk-screen copy of the original tapestry - \$32 + \$3.00 S.H. Phil Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213

FOR SALE: Quality reprint of the 1940 E. H. Scott catalog "Custom Built-to-Order." Shows Philharmonic, Phantom, Masterpiece and the Special Communications receiver. Cabinets, performance curves, and testimonials. Printed on glossy bond paper similar to the originals. 32 pages of photos and info on the Scott line. Just \$12.95, including first class postage. Request yours from: Kent King, 337 York Ave., Delaware, OH 43015

FOR SALE: Standard Micronic Ruby black SRH437, clamshell papers, earphone, excellent - \$125. Arnold Homstein, 21 Golden Hill Ct., Baltimore, MD 21228. (410) 744-0919

FOR SALE: Ultra small radio, FM or AM models - \$19.95 ea. ppd. Credit card OK. Antique Radio Store, 8376 LaMesa Blvd., LaMesa, CA 91941. (619) 668-5653

FOR SALE: Zenith 75 tube type hearing aid, appears new in original box with all paperwork & acc. - \$75. Zenith Phone Magnet hearing aid, appears new in original box - \$75. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: Westinghouse RC, good - \$225. Music Master horn - \$150. Magnavox R-3, good - \$250. 10BP4 rebuilt CRT - \$50. Shipping extra on previous. Philco tuning condenser grommets - \$4 per set ppd; \$3 additional sets of three; coming soon complete kit of dial, thumbwheel and label, send SASE to reserve yours. Don Patterson, 636 Cambridge Rd., Augusta, GA 30909. (706) 738-7227. Fax: (706) 721-9197

FOR SALE: Entire tube and electronics stock as unit. Estimate of stock as follows: (80,000) N.I.B. vacuum tubes. (20,000) bulk used vacuum tubes. Schematics - Sams, Sanyo, Sony, Beitman, Rider. Bulbs, phono cartridges, phono needles, capacitors, transistors, transformers, modules, test equip. Parts - RCA, Zenith. Old radios. CRTs, rebuilt, in boxes. No inventory lists available on above stock. Make offer per tube for entire stock as is. All merchandise above included with purchase of complete tube inventory. Monarch Technologies, 21501 Highway 183, Crescent, IA 51526-4091. (712) 322-7927, 9 am-5 pm CST, no Sundays

FOR SALE: Columbia Lyre cyl. phono, plays well, clean, no lid - \$425. Westinghouse RA-DA - \$250. Philco #90 - \$350. Philco #84B - \$125. Akai w/o 7 1/4 tape deck, built-in 40-watt amp, exc - \$125. AK H horn sprk - \$90. Strand lowboy crank phono, cab. solid, runs well, finish? - \$125. J.L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229, call evens.

FOR SALE: Radio and TV tubes. N.O.S. IRC volume controls, many with tap. N.O.S. CD square mica capacitors. Single electrolytic 4, 6, 12 mFd @ 600v with mounting nut. Fluke DMM 8062B. For prices contact: A.W. Gray, KJ5QD, Rte. 3, Box 753, Troup, TX 75789. (903) 842-2989. E-mail: 103131.2657@compuserve.com

FOR SALE: AR turntable, mint, R-7 Suprette tombstone. J. Finkelstein, 205 Alapocas Dr., Wilmington, DE 19803

**TUBES WANTED
HIGHEST PRICES PAID \$\$\$**

W.E. 101F, 205D, F, Tennis Ball, 274B, 300B, 211, 845, KT66, 77, 88. EL34, PX25, 280, 245, 250, Telefunken, Mullard, Bugle Boy ECC81, 82, 83, 801S, 802S, 803S.

—AUDIO EQUIPMENT WANTED—

McIntosh, Marantz, UTC, W.E. Trans, Black Beauty, A & B Resistor, etc.....

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Tsing Yi, Hong Kong

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E-mail: fullrang@jeis.com

FOR SALE: Cathedrals: Erta cathedral, exc cond., plays - \$290; Majestic Mod 370 - \$200; other cathedrals. Zenith console Model 12S266, exc restored condition - \$900. Can deliver to Elgin. Sid Stivland, 17725 6th Ave., N, Plymouth, MN 55447. (612) 475-1332

FOR SALE/TRADE: Western Electric ring microphones Mod 394 and CW1053. Western Electric 7-A amplifier, tennis ball tubes. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Zenith H-500 Trans-Oceanic, excellent condition - \$85 + shipping. Richard Rubin, 227 Riverside Dr., Apt. 5-A, New York, NY 10025. (212) 864-8416. E-mail: wireless@panix.com

**IF YOUR EXPIRATION DATE IS
AUGUST OR BEFORE, RENEW TODAY!
EARLY RENEWALS
RECEIVE AN EXTRA ISSUE!**

FOR SALE: 1943 Reference Data for Radio Engineers by Federal Telephone & Radio Corp. - \$20. 1947 Instruction Book for Wire & Wireless Code Using the Instructograph - \$25. 1963 Satellite Communications by Bell Telephone Laboratories - \$15. 1940 Stromberg-Carlson desk phone with crank (magneto) - \$35. All plus UPS. Cliff Sullivan, 4902 W. Monte Cristo, Glendale, AZ 85306. (602) 978-3551

FOR SALE: RCA RADA, working set, NT - \$275. Philco 71, orig. finish and clean chassis, nice set - \$325. Temple console, circa 1929 - \$50 pickup only. Crosley 5-50 cabinet, escutcheons - \$40. Bremer cabinet, escutcheons - \$35. Minor brand globe 201A's, Red Star, Lord Baltimore, Marathon - \$25 ea. Cardon 485 with side-mount filament terminals - \$35. WVV rack-mount receiver, 2.5, 5, 10, 15 - \$85. HP5328A universal/frequency counter 500 MHz 9 LED digits, high stability time base - \$160. HP-8640B/323 in transit case, .45-512 MHz, AM, FM, CW signal generator commercial - \$380. Military RF sig./sweep generator, tubed, scope display, 3 manuals, vgc - \$70. HP-180A oscilloscope, 2 channels, delayed sweep, 50 MHz, vgc - \$140. HP scope probe - \$30. TEK P6201 900 MHz FET probe, attenuators, tips, case - \$220. TEK 7613 storage scope mainframe, vgc - \$100. TEK 7844 dual beam scope mainframe, 400 MHz, vgc - \$220. TEK Scope 7000 Series rigid plug-in extender - \$130. KhronHite tube amp 50 watts dc-500 kHz, massive - \$125. Simpson 269 VOM, high-grade, 100 kohm/volt - \$40. HP606B - \$145. HP612A UHF signal generator 480-1250 MHz, vgc - \$40. HP410B VTVM - \$35. 12BP4A CRT - \$35. URM/25D RF sig. gen. - \$20. ARRL Handbook 1946, 1953 - \$30 ea. How to Pass Radio License Exam, 1938, '44 - \$25. Vintage light bulbs, tipped - \$20 working, '44 dead. All plus shipping. Call evenings or leave message. Stan Krumme, KK06YB, 16432 Lakemont Ln., Huntington Beach, CA 92847. (714) 841-5866

FOR SALE: Excellent repro knobs and other radio parts. Universal dial belt kit, 6' of belt material, glue and instructions - \$8.50 ppd. To reference most Zenith models from 1920 to 1946, we offer our 60-page 11x17 Zenith Brochure Book with pictures and specs on most models - \$28.95 ppd. Our 1936 Zenith Poster reproduction shows the complete 1936 lineup plus all three Stratospheres - \$20 ppd. Zenith T-shirts and sweats, call for info. Send for free catalog. Visa and MasterCard accepted. Alan Jespersion, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489

WANTED: Cabinets for: Radiola II, Radiola Super VIII, Thermodyne TRF6, Music Master 140, AK 708; or will sell chassis. Steve Wallace, 3707 Pricetown Rd., Fleetwood PA 19522. (610) 944-7230

WANTED: Pay \$100 for good matching mahogany petal for Burns speaker! Rick Ammon, 1249 Solstice Ln., Fort Collins, CO 80525-1239. (970) 221-4001. E-mail: wireless@bamboo.verinet.com

WANTED: Collectors to bring top quality merchandise to our old equipment auction on Friday, Aug. 30 at Radiofest 1996. See the July A.R.C. for full info. Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107. (815) 399-1902

WANTED: Speaker for Zenith chassis #5719 bookcase radio. Thanks. Mark S. Cowart, N4FBL, PO Box 550766, Jacksonville, FL 32255-0766. (904) 724-1364

WANTED: Old electrodynamic speakers on pedestal with or without rectifier. WE 540/548/560 magnetic speaker. Aki Komatsuzaki, 267 Kingston Hill Way, Los Gatos, CA 95030. (408) 356-7051. E-mail: akiry@aol.com

WANTED: Tapes of a radio program called The Meister Brau Showcase that aired on WGN radio in the '60s hosted by Franklin McCormack. Want Bunis #1 and Sylvania service hints booklets. **FOR SALE:** Sparton 557 Blue Mirror, Channel Master 6506 transistor radio, excellent condition, whistles. Bohemian Bill, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, after 10 pm CST

WANTED: CB radios, EICO catalogs, EV-664 microphone with 419 desk stand. Tom Bonomo, 81 Lakewood Cir., San Mateo, CA 94402. (415) 578-1897

WANTED: There's gotta be someone out there, when in time the good Lord calls and they're about to meet their maker, doesn't want to take with them their AK chassis Model 80-82-84-90-92 or 627! If so, reply: Gary J. Formica, 823 91st St., Niagara Falls, NY 14304. (716) 283-2274. E-mail: radio@ns.moran.com

WANTED: Catalin radio parts, paying \$20 or more per knob. Need a red Patriot handle and Garod Peaktop chassis. Ray Carroll, 158 Oakwood Dr., Wayne, NJ 07470. (201) 696-1149

WANTED: Information on Canadian-made Victor Northern Electric and R21 and R24 radios. Charles Combs, 508 E. Daniel, Albany, MO 64402. Ph/fax: (816) 726-3038

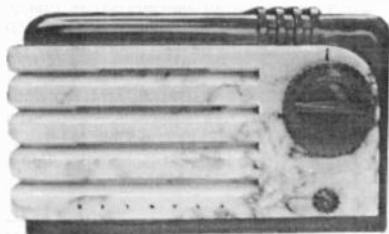
WANTED: New and used tubes; write for bid list showing the prices I pay. Antique Triode, Box A2, Farnham, NY 14061. Fax/Phone (716) 549-5379

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WANTED: For Sparton 6-15 or similar: 1 1/4" Bakelite octagonal tuning knob 3/16" shaft. Thanks! Art Eberhardt, Box 209, Loomis, NE 68958. (308) 876-2240

WANTED: Unbuilt Heath and Knight-kits. Gene Peroni, Box 58003, Philadelphia, PA 19102. (215) 665-6182

WANTED: Chrome. Chrome. Chrome. Art Deco, Streamline, Moderne. Radios and other items 1920's-1940's. Adam Schoolsky, 15149 S.W. Cabernet Dr., Tigard, OR 97224. E-mail: Adam@ArtDeco.com



WANTED: More prewar plastics by Detrola, RCA, Kadette, Air King, et al. Take all my money before the relatives do. They are trying to hurry my already imminent demise. Please write or call collect: Rain Buttignol, 314 State St, #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: #1491 and #H7550 lamp bulbs; PE06/40P and TB3/750 foreign tubes. Geoff Fors, WB6NVH, Box 342, Monterey, CA 93942

WANTED: Collectors to visit the Muchow Museum Thurs. Aug. 29 at Radiofest 1996. See the July A.R.C. for full info. Jeff Aulik, 1708 Parkview Ave., Rockford, IL 61107. (815) 399-1902

WANTED: 7" R-R tapes; R-R alignment and test tape; Precision 10-12 supplements past 1971. George Fallenberg, 608 Brookhaven Way, Niceville, FL 32578. (904) 897-5434

WANTED: Hoffman Solar #OP709, Sony TR 84 8-xstr radios, Hickok 539C or Model 6000 tube tester. David Koesche, 61 S. Barrington Rd., Barrington, IL 60010. (847) 382-7997

WANTED: Philco console 40-180, good cabinet, chassis not restored but complete. Michael Durand, 21 Le Grande Ave., Tarrytown, NY 10591. (914) 631-0493

WANTED: Hallicrafters S-19R. Must be in good condition. Bill Walls, 605 Ashland Dr., Mebane, NC 27302. (919) 563-5543. E-mail: slate@netpath.net

WANTED: Chassis for Philco 84B cathedral (Bunis 3, p. 170). Joe Quinn, 30511 Manhasset Dr., Bay Village, OH 44140. (216) 835-8420

WANTED: Philips tube stereo rec. #7851? or equiv. Tom Farkas, 14847 Fremont Ave. N, Seattle, WA 98133

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WANTED: Metal foot (one under each corner) for Stromberg-Carlson 635A Treasure Chest. Denis Meany, 81 Madison St., Blue Point, NY 11715. E-mail: dmeany@nyfok.ang.af.mil

WANTED: Need three 7025 tubes, three 12AU7, four 12AX7 and five 6973. Knox Lee, 630 Shadowbrook Dr., Columbia, SC 29210. (803) 772-6593. E-mail: kkleee@scana.com

WANTED: Zenith Twin Seven dual turntable record player. John Lee, 1658 E. 5th St., Ontario, CA 91764. (909) 984-4592. E-mail: edsel@stibbs.com

FOR SALE: Tubes N.I.O.B. at 1/2 price (min. \$20) plus S&H. Send LSASE w/55¢ postage. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

FOR SALE: 1940 Zenith robot dial 12S568, nice cond., pick up only - \$350. Zenith chairside 6S239. Philco TV booster Mod TV3 - \$20. Sony 7-in. B/W TV Mod TV760, transistors - \$20. MINY 3 1/4" R/R tape recorder, sharp - \$25. Gemini 3 1/4" R/R - \$15. Emerson 888 Atlas, black w/case, plays - \$45. Trancel T-11, ivory/gold - \$25. Novelties: Heinz Ketchup, N.I.B. - \$45. Skinner Spaghetti, N.I.B. - \$40. (2) Hormel Chili, N.I.B. - \$30. Sanyo Tachrad shaped like car tachometer AM/FM - \$35. Al and Tina Varga, PO Box 203, Casco, WI 54205. (414) 837-2363

FOR SALE: Small wood tombstones, Crosley 516 - \$60. Coronado 578 - \$55. U-ship. L.A. "Bud" Noel, KF9XM, 494 Clark St., Galesburg, IL 61401. (309) 342-2825

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FOR SALE: Trans-Oceanic owners need Receiver Saver 200 to extend tube life. SASE brings brochure. Jeff Kincaid, WA6BIL, 5529 West 140th St., Hawthorne, CA 90250

FOR SALE: RCA/GE filament transformer Y689, 30 watts, 30 cycles, primary 88v, secondary 7.5/3.75v - \$45 OBO. Paul Harnetty, 4805 Parkmoor, Westerville, OH 43082. (614) 882-1979

FOR SALE: Atwater Kent Model 24 - \$175. (4) brass base 01-A's - \$18 ea., other tubes. George Jones, 1943 Palm Dr., Fernandina Beach, FL 32034. (904) 261-6533

FOR SALE: GE H-530 small tombstone, orig., plays - \$75. Fada 790B, brown - \$50. Philco 37-610 Deco, (F.O.S., p. 124), nice refin. - \$60. GE GD-60, nice refin., one push button missing - \$35. All plus UPS. Harvey W. Hunt, 455 Gladstone St., Sheridan, WY 82801

FOR SALE: Zenith radios: Royal 3000-1 - \$140; R72-LJ - \$35; 6G801 - \$45. Copies of old ads/manuals: Zenith, Thorla, Atwater Kent, Freed-Eisemann, Fada, Radiola, Hallicrafters, Philco. SASE for price list. Ernie Nagy, PO Box 822, Elk Rapids, MI 49629-0822

FOR SALE: Chassis: AK 55 - \$20; AK 328 - \$25; Zenith 6D221 - \$20; Crosley 6V2 - \$25. Jim Collings, 12005 Victoria Pl., Oklahoma City, OK 73120. (405) 755-4139

FOR SALE: RME Mod 4350 communication receiver, uses external speaker, not furnished, very clean and works - \$90 + shipping. Glen Woody, Box 44, Mountain View, AR 72560. (501) 269-8522

FOR SALE: Philco 212 phono/radio, 11 tubes, restorable, complete - Make Offer, pick up only. WANTED: Grille cloth for Zenith 12-A-58 and Silvertone 6 1/4" dia. dial glass. Karl Johnson, 3517 Morton, Brookfield, IL 60513. (708) 485-2349

FOR SALE: Entire tube inventory at 30 cents per tube. Must take all. D.C. Eddy Whisle, 827 Squire St., Colorado Springs, CO 80911. (719) 392-3764

FOR SALE: Communications and special receivers, SASE for list with information and prices. S.T. Carter, II, W4NHC, PO Box 033177, Indialantic, FL 32903-0177. (407) 727-3015

FOR SALE: Clarion Jr. & Sparton 617 tombstones, both refinished & restored - \$125 ea. Have pictures. Zenith 12S265, new 6T5 eye tubes, refinished, mint - \$875. Zenith 6S527, restored & refinished - \$65. Rider's XIII - \$12. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

FOR SALE: Lafayette PK-800W stereo record changer. Detrola 393. Hallicrafters S-39 Sky Ranger. Heath CB: GW-10. Edison disc phono A100, poor. Zenith cabinet: 6S254 - \$50. Consoles, complete or parts: Philco 118, 37-650, 37-9. Tubes, new and used. Send wants. Many parts & parts sets. Send want list & SASE. Wilbur Gilroy, 129 Belmont Ave., Clarks Green, PA 18411. (717) 586-7356

FOR SALE: Blue Patriot, (2) Fada 700, red Emersonette, Zenith Crest, and Silvertone Jr. WANTED: Detrola Super Pee Wees. Brian Masciocchi, 44 Rolo Ct., Mechanicsburg, PA 17055. (717) 795-7271

FOR SALE: N.I.B. (45) 12AX7 tubes, lot sale - \$200. (50) 12AU7A's - \$100. Rudy Hecker, 127 Weymouth Ct., Schaumburg, IL 60193. (847) 529-3560. E-mail: heckrr@ix.netcom.com

FOR SALE: Can deliver to Radiofest in Elgin. Philco #650 Chinese console - \$150. Airline movie dial #62-403 13 tuber - \$150. Howard Model 418 console 12 tuber - \$125. Big Crosley tombstone, rough Model 8113, 8 tuber - \$40. Bill Allen, 505 South 8th St., Eldridge, IA 52748. (319) 285-6472

FOR SALE: Heath QP-1 - \$25. Philco 70B cathedral - \$350. Grunow 500, 1933 chrome grille - \$200. Setchell-Carlson 427, mint - \$75. Ernie Odeneal, 2710 Lee, Greenville, TX 75401. (903) 455-2113 or 5788

FOR SALE: B&K 1653 isolated variac - \$120. General Radio W5-MT variac - \$65. Hallicrafters S-120 - \$40. BO: Hallicrafters S40A. Also LMT (French) tube multi volt/band port. Pickett slide rule N.I.B. B&K 707. Sencore Mighty Mite II TC 114. Eico wide-band scope. Nova CB multiband. Sony SLO 340 Betamax. Roger & Mary Ellen Ruddick, 33 Emily Ln., Ft. Myers Beach, FL 33931. (941) 463-8887

FOR SALE: JVC bowling ball TV w/clock, missing clock knob antenna, otherwise great cosmetics - \$100 plus UPS. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

FOR SALE: 1,910 tubes, original cartons, selling one lot - Best Offer. List \$4. Al D'Ambr, 35-N Suffolk Dr., Rocky Point, NY 11778-9200

FOR SALE: Ampex AG-350 recorder on matte silver tie/money clip, presentation boxed - \$18.75 ppd. Doc Waterman, 800 Walavista, Oakland, CA 94610-1150

FOR SALE: Western Electric: Control Room CBS 25B, 23C, microphone & speaker, other WE parts, transformers, etc. Closing date - bid opening Sept. '96. International shipment available. James Phillips, 414 Washington Ave., Defiance, OH 43512. Fax request only: (419) 782-3299

FOR SALE: NRI One - \$55. Coyne - \$10 ea. Technical TV, Martin - \$20. Plus shipping. Dewey Shaffer, RD2, Box 104-B, New Paris, PA 15554. (814) 839-4728

FOR SALE: Philco 60 cathedral cabinet - \$35. Bosch battery eliminator - \$25. AK 3975 breadboard components - \$600. Stromberg-Carlson 1A battery sets, (3) available - \$125 to \$200. Stromberg 601 cabinet - \$45. Freshman Masterpiece 3 dialer with pull-down front and built-in speaker, excellent - \$150. 175 Holzler and Cabot horn, works - \$125. Crosley 157 cathedral - \$125. Emerson mini tombstone with Ingraham cabinet - \$75. McMurdo Silver Masterpiece II, no cabinet - \$950. Elaborate Victoreen radio/phone - \$1,100. Edison Amberola VI - \$600. Edison P-1 portable - \$450. Mahogany Barrel front record cabinet - \$450. Parting Victor XVI, inquire Victor I - \$1,300. Symphony outside horn disc player - \$1,100. New batch of cylinder records, clean 2-minute at - \$5 ea.; and 4-minute at - \$4 ea. **WANTED:** Philco 38-690 amplifier chassis and speakers or will sell cabinet and upper chassis. John Hayes, 27 Highland Dr., Henniker, NH 03242. (603) 428-3053, or fax only (603) 428-8315

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FOR SALE/TRADE: A pair of RCA theatre amplifiers (mono blocks) 70 watts each, vintage 1930's, a real power house combination - \$895 pr. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Emerson 888 Vanguard, black, plays - \$100. Firestone S7426-9 Roamer, 1939, portable, fold down front, handle - \$45. Majestic G2 speaker - \$25. Stewart-Warner 13-6P, table, wood, plays - \$45. Zenith T600, Trans-Oceanic, brown leather, plays - \$150. Military R174/VRR & PP308/VRR general coverage receiver and power supply, untested - \$90. Altec 515 speaker, reconed - \$150. Dynakit stereo 70 - \$240. Dynakit PAS2 preamplifier - \$75. Fisher 514 4/2 channel receiver - \$75. Heathkit A9B 20W integrated amplifier - \$75. Jensen ST891 K310A 15 in. coaxial speaker - \$45. Masco MA25PN PA amplifier w/turntable, 2-6L6's - \$45. RCA MI9351 amplifier, 2-2A3's, untested - \$120. Electro-Voice Wolverine LS12A speaker - \$45. General Radio 636A wave analyzer, large wood case, book, untested - \$95. Varitran V1, Variac, works - \$25. Astatic DN50, Microphone - \$60. Electro-Voice 600, microphone, hand held - \$45. Turner U9S microphone, yoke, brown - \$125. Other PA amplifiers, different brands and output tubes, call or write for additional information. Shipping extra. Many other new items. Three lists available. (1) Pocket transistors, table radios, sound equipment, microphones, test equipment and more. (2) 15,000+ Transmitting/receiving tubes and projector bulbs. (3) 12 Pages of books, catalogs, magazines and manuals. Send SASE. Ray Nowak, 30513 Ednil Dr., Bay Village, OH 44140. (216) 871-8303

FOR SALE: Radios: Setchell-Carlson 416 frog eye - \$45. Crown TR-800, rough - \$45. Motorola X-15A - \$18. Westinghouse H-376P4 portable w/case - \$30. Toob CBs: Pearce-Simpson '23 Guardian - \$65. Lafayette HE-20a - \$45. Courier 23 (e.c.i.) - \$45. Knight C-540 - \$35. Knight C-22 - \$35. Teaberry T Charlie One (solid-state) - \$15. Knight C-100 walkie-talkie - \$15. GE Voice-Commander (two-way) - \$20. Mics: Electro-Voice 630 - \$45. Shure CR520SLT green frog - \$55. General Radio 650A LCR bridge w/650PI oscillator - \$95. Crown IC-150 preamp in cabinet w/manual and cabinet - \$125. Heathkit AA-20 amplifier w/manual and cabinet - \$45. Utah SG-522 12" coaxial speaker - \$35. Hammond organ amplifier w/4-2A3's - \$155. Call after 7/28! Jon Hall, WB4MMV, 39 Spring Oaks Ln., Ruckersville, VA 22968. (804) 985-3827, 8:30-10:30 pm. Fax: (804) 984-3299. E-mail: jon@halls.com

FOR SALE: 401-A tubes - \$11. Navy CND-46156 receiver and CND-20131 power unit - \$35. Bogen U-57 amp - \$25. Elgin delivery. Barry McDaniel, 6 Pecos Ln., Little Rock, AR 72212. (800) 755-3326, days

FOR SALE: Atwater Kent H horn speaker, horn & base only - \$50. Airliner 62-196 tombstone - \$100. Fada 192-A - \$135. GE A-63 tombstone - \$135. Kadette 387 - \$75. Magnavox horn speaker - \$80. RCA 128 tombstone - \$230. Silvertone 1403? cathedral - \$240. Westinghouse H-126, ivory - \$55. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200

FOR SALE: TR-4 and AC - \$225. National NC188 - \$125. Lafayette KT-320 - \$125. Hallcrafters S41W - \$100. Mark Gilbert, N5MG, PO Box 88, Old Greenwich, CT 06870. (203) 625-8374

FOR SALE: 1942 Philco Beam-of-Light Record Changer Service Manual, 36 pp., copy - \$13.25 ppd. Gary A. Micanek, 226 Henry Ave., Manchester, MO 63011. (314) 227-7046

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FOR SALE: Telefunken Opus 7 radio, works - \$250 + shipping. EV mics 630 - \$60 ea. Salt shaker mics - \$50 ea. Mike Dupuis, 116 First Ave., Tuckerton, NJ 08087. (609) 296-4883

FOR SALE: Zenith 12H670 - \$210. WE phone bells (oak box) - \$40. Meyer x-ray xmr w/2 meters - \$55. Hallicrafters SX-99 - \$75. Following w/tubes: Hazeltine Neurodyne, built from kit - \$60. Radiola 18 - \$30. Unknown 5-tube metal case - \$30. Arborphone 45 - \$75. Atwater Kent 845 - \$80. All-American 44 - \$65. Following w/o tubes: Crosley 50A - \$120. Crosley 52 - \$80. Ramway S-28 - \$50. AK 30 - \$25. Chelsea Super 6 - \$40. 5 dial home brew - \$30. Majestic 50 - \$10. Airline 6 - \$10. Belmont cathedral - \$15. Magnavox MI Model A horn spkr - \$175. Sterling pocket meter - \$15. Silvertone wood table radio/phone - \$15. Tube testers: Precision 920 - \$55; 10-12 - \$55; 920 parts - \$10. Radiola 100A spkr - \$20; 1925 spkr - \$20. Philcos: 610 - \$40; 623 - \$50; 60B - \$45. Transistors & novelties - SASE for list. Add UPS. Steve Leffel, 1790 Edison St., Green Bay, WI 54302. (414) 465-1855, evenings

FOR SALE/TRADE: 1935 McMurdo Silver Mod 5-C communication receiver w/speaker - \$400. The original National Standard HRO w/large metal dial and doghouse power supply - \$495. 1930's National HRO Sr. Prototype communication receiver and special designed combination pwr supply/speech amp plus speaker and manual - \$500. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: 1st edition (1906) Manual of Wireless Telegraphy for Naval Electricians by Robison - \$175. Gary Berg, 24 Pat Rd., Newburgh, NY 12550. (914) 565-5077

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FOR SALE/TRADE: BO, from an estate: 1930's QSL cards, many from Japan, Australia, U.S., etc.; May 1923 QST; June '27 Amateur Radio Stations of U.S.; program 15th Convention ARRL, September 1941; 1923 Citizens Radio Call Book. Browning Eagle 27 trans/rec., mic - \$275. RCA 75X16 - \$75. Arvin 950T2 - \$20. Philco/Ford 90R - \$80. (2) Audiosears switchboard headset/mics - \$35. Regency WT-4 s/wave - \$40. Stromberg-Carlson 880 int. amp, nice - \$100. WAP2 preamp, clean - \$25. N.I.B. Queen Tr2 boys radio - \$95. Heath IT-28 cap. tester w/p - \$35. Trade my MC-30 for transistors? Thanks! Michael L. Hagan, 428 Sharron Dr., Waco, TX 76712. (817) 776-4760

FOR SALE: Zenith 10A1 spinet console, needs minor repairs - Make Offer. RCA D22-1, 22-tube console, needs restoration - Make Offer. Zenith 1103 console, needs refinishing - \$125. Philco 112 lowboy console, Norman Bel Geddes design, works, could use minor cosmetics - \$150. Zenith 7S657 console, works, nice - \$125. Philco 37-650 console, needs cosmetics, will sell chassis & speaker without cabinet - \$75. Zenith 10S464 chassis, speaker, wavemagnet only - \$75. Philco 39-30 console, needs refinishing, will sell chassis & speaker without cabinet - \$75. Philco 46-1209, radio chassis & speaker only - \$50. Zenith 12H-689 console, needs minor repairs - \$150. Zenith 64, chassis, speaker, antenna, power supply - \$50. Can deliver to Elgin. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: Royce CB AM, SSB Model 1-640, clean - \$75 plus UPS. Hallicrafters Model S-119 Sky Buddy 2 - \$25. Lafayette FM communications receiver Model HB76 - \$50. H.H. SCPTTType 99D amplifier - \$75. Heathkit AA100, AJ30, AC11 with papers - Offers. Bogen Series C-105 MO 30A amplifier - \$75. Harman Kardon Model DPR-7 mixer preamp Prelude 2 - \$50. EICO HFT90 FM tuner - \$25. Heathkit FM3 tuner - \$25. Realistic SAF 24B amplifier - \$50. H.H. Scott 311-DFM Stereomaster FM tuner - \$50. The Fisher Series 80 & 80T, has separate AM and FM tuning meters - \$150. Technics SA404 amp - \$150. Frank D. Atwood, Nostalgia Radio, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100

FOR SALE/TRADE: Zenith, RCA, Kolster Splitdorf, AK, Victor, Philco, Sonora, Grundig, Telefunken, Motorola, Airline; books. SASE/call. Gene Katz, KC6BLD, 212 Burnam Wood Dr., Mt. Laurel, NJ 08054. (609) 866-1189

FOR SALE/TRADE: McIntosh MC-40, good choice, needs work - \$650. MC-60, pair - \$1,500. MAC 2100 solid-state, 100 WPC - \$850. Scott 310-D tuner - \$300. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE/TRADE: Heath DX100-B transmitter - \$250. Erla cathedral w/clock in grille (casket style) cabinet design, unbelievably beautiful - \$425. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Zenith T-shirts and sweats, call. Zenith 10S130 tombstone. Emerson Aristocrat, butterscotch, small chip under handle - \$425. Lime green and tortoise Fada 5F60AR, cracked - \$500. McMurdo Silver Masterpiece V, original phono cabinet; Philco remote control unit - \$75. Plaskon Setchell-Carlson 427 frog eye - \$110. GE HJ624 Deco table model - \$100. Motorola 9A oval Deco chairside - \$550. Belmont 6D111, rebuilt chassis - \$225. Zenith 6D525 - \$125. 18-tube round white dial Midwest console - \$450. RCA 813K; Rider's Manuals: 8-14 - \$15 ea. Call for current availability on other numbers. We have available in excellent cosmetic condition all type Trans-Oceanics including a beautiful 7G605, rebuilt, and a cowhide 600, electrically restored, if requested, and guaranteed. Zenith consoles: 22H, 1942 AM/FM 22-tube radio/phono; 15S373A; 15S372; 15U270; 15U269; 12S569; 12S471; 12U159; 12U158; 12S370; 12S371; 12S265; 12S266; 12S267; 12S268; 11S474; 10S153; 10S155; 10S157 zephyr; 10S160; 9S54; 9S262; 9S367; 9S369; 8S154, 8S463 (5808); 8S359; 7S366; 7S363; 7S260; 7S258; 410 and many others. Zenith chairside: 12S245; 9S344; 6S147 zephyr; 8S451; 7S343; 6S241 bar radio; 6S239. If you are looking for a set not listed, please call for more info. We can and do ship consoles anywhere and we do it right. Zenith table models: 5S29; 5S127; 7D226; 6D029; 6S321; 6S322; 6S330; 10S130; 7S323; 6V27; 6S27; 6S128; 6S222; 7S433; 8S443; 807; L cathedral and many others, call. We can deliver to the Elgin and Rochester meets. All radios un-restored electrically unless noted. Shipping extra unless noted. Satisfaction guaranteed, highest quality possible assured. Send for our free catalog featuring reproduction knobs, restoration and shop supplies, owner's manual reprints, grille cloth, etc. When in Minneapolis, be sure to visit our retail location Great Northern Antiques, 5159 Bloomington Ave., just five minutes from the airport. We accept Visa and MasterCard. Alan Jesperson/Mike Emery, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489 or fax only (612) 727-1908, ans. mach. after 4 rings, 8 am to 8 pm 7 days

FOR SALE: Transistors: Mitsubishi 6X-870, blue & white, nice - \$150; Mitsubishi 6X-870, black & white, new in box with case, earphone, paperwork, mint - \$250; Zenith Royal 500, hand-wired, black, nice - \$250; Emerson 988 Rambler, grey, nice - \$100; Raytheon 8TP-1, near mint - \$200; Viscount 1010, new in box, twin to Nipco pictured on back cover of Lanes' book except case is white - \$100; Emerson 888 Explorer, 1 small chip, turquoise - \$75; Bulova 290P, turquoise, minor scratches on back, with leather case - \$50; Westinghouse H-621P6, has scratches - \$50; Scotty 1250, Model 622P-658, 6 transistor kit pocket radio, new in box, un-built - \$75; Waltham-Standard SR-4000, new in box, twin to Samson SC4000 pictured in Bunis 2nd edition - \$125; Kensington 5091, travel radio-clock, new in box - \$40; Essex 2 transistor, new in box - \$40; Coronet 2 transistor, new in bottom half of original box - \$100; Zenith Royal 500B, maroon, nice, with leather case - \$100; Zenith Royal 185, nice, with case - \$30; Sony ICR200, nice, no charger, with case - \$100. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: Crosley 15-20E - \$35; Farm radios: RCA 85BT - \$15. Zenith 4K331 - \$15. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 323-9657, 8 am-6 pm

FOR SALE/TRADE: Lots of price reductions this month!!! Philco 40-120, nice shape - \$55. Philco 46-250, rough - \$15. Heath TC-2 tube tester - \$15. Phono Trix 3" R R tape rec with case, manuals, access., etc, rare - \$70. Telephone, like Guild, good - \$15. American Bosch 38, good, (2) 171A's missing, otherwise complete - \$50. Zenith S-14549 table, good - \$20. RCA Radiola 80 console - \$30. Philco 38-3 console - \$75. Olympic 6-501 table, black - \$30. Stromberg 1500H - \$25. Zen. 6-G-601, fair - \$30. Transistors: Zenith Royal 500E, black, fair - \$30. Spica ST-600, red chipped rear cover, displays nice - \$40. Seminole KTF-115, chipped, fair - \$5. Aiwa AR 853 M.I.B. - \$15. Zen. Royal 760, fair, knob missing - \$10. Ever-Play rechargeable - \$10. Raleigh 766 G.I.B. - \$5. Novelities: Thomas 511 repro tombstone with cloth grille and flowers on grille, AM/FM cass., neat looking, exc - \$30. Kodak alkaline battery, (B&B Pl. 153), exc - \$40. Panasonic ball & chain, green, (BPL 515) - \$15. Spirit of St. Louis repro gas pump (B&B Pl. 560), approx 24" high, M.I.B., 1 left, was \$110, now - \$85. Spirit of St. Louis bumper car, 14" long, 7" high, AM/FM/cass., black/pink seat, N.I.B., really sharp, 1 left - \$70. '59 Caddy rear end, fins and all, pink or black, AM/FM, M.I.B., 3 left, was \$75, now - \$45. Power Ranger head, AM/FM, M.I.B., 1 left - \$15. Power Ranger AM/FM digital clock radio, M.I.B., 1 left - \$20. Computer mouse, FM/scan, M.I.B., 2 left - \$15. Bert/Ernie pals MBC (BPL #149) - \$5. Armchair Mickey BPL #117 MBC - \$5. French telephone (BPL 488) - \$25. Blabber Mouse MBC (BPL 179) - \$5. Polaroid AM/FM film (BPL #179) - \$10. Tom & Jerry, rare and below book, (BPL 170) - \$60. Kraft Mac/Cheese R&B Pl. #63, M.I.B., 1 left - \$25. GE 7-4111 nite-lite radio - \$10. Knight helmet (BPL 507) - \$30. Raggedy Ann/Andy (BPL #131), MBC - \$5. Franklin grand piano, rare and well below book, (BPL 427), complete - \$90. Tune-A-Apple (BPL 356), M.I.B. - \$20. Jukebox (BPL #411) - \$15. Big Bird head (BPL #144) - \$15. Care Bears (BPL #77), MBC - \$5. Benson Hedges FM/headphone, N.I.B. - \$10. Big Bird (BPL #142), M.I.B., 2 left - \$20. Sesame St. (BPL #140), M/amp post - \$10. Looking for Batman (B&B Pl. 353), Superman (BPL 162), MM in car (BPL 106), Gumby (BPL 92), Charlie Tuna (BPL 273), Mighty Mouse (B&B Pl. 387), others. Let's trade. All plus ship/handle. Dan Phelan, Consolidated Electronics, 24 Hinchey Rd., Rochester, NY 14624. Phone/fax: (716) 436-7130, days 10 am till 6 pm EST

FOR SALE: Zenith 6-S-528 - \$60. Crosley XJ cabinet - \$50 or will buy chassis. Brunswick 5KR - \$75. Gary Watkins, 8006 Greenwald, Belton, MO 64012. (816) 322-0773

FOR SALE: Working & restored: AK 55 Poolay, Majestic 70B, Philco 87, Stromberg-Carlson 130M, Philco 71A, others. Keith Park, 795 Grooms Rd., Rexford, NY 12148. (518) 373-0417

FOR SALE: Philco 70, refinished - \$250. Zenith radio nurse - \$950. RCA 1956 CTC 5 color TV - \$150. RCA 128, refinished, working - \$275. Fisher 500C - \$150. Eveready #3, works - \$125. Heathkit shortwave HR108 - \$75. Hallcrafters Worldwide portable - \$150. Scott LK 72 stereo - \$150. Philco 76 chassis only - \$75. **WANTED:** How about a TV collector newsletter? Vaughn Rudisill, 11 E. Marie St., Hicksville, NY 11801. (516) 822-4501

FOR SALE: (25) new WWI Signal Corps Edison batteries, never activated - \$10 ea., \$200/all. Richard Bury, PO Box 25, Gurnee, IL 60031. (847) 623-7746

FOR SALE: General Radio Type 727-A vacuum tube AC voltmeter in walnut case - \$65 ppd. Ross Wollrab, 229 N. Oakcrest Ave., Decatur, IL 62522-1810. (217) 428-7385

FOR SALE: Emerson U4B - \$175. Emerson 988 Rambler - \$75. Marwol A-1 - \$150. Joe Holdner, 4432nd St., Brooklyn, NY 11215. (718) 768-6212. July & August (914) 657-2399

FOR SALE: Tubes, schematics, service notes, Riders, Sams Photofact Folders and Transistor Books, etc. for early radios. LSASE for price list. Sam Faust, PO Box 94, Changewater, NJ 07831

FOR SALE: Simpson 313 FET solid-state VOM, like new with case and RF probe - \$145. Glen Richie, W4JGO, 643 Diamond Rd., Salem, VA 24153. (540) 389-3356

FOR SALE: Coming soon FB-7 replacement plug-in coil forms, FB-7 data package, power plugs to fit Zenith and many other battery pack connectors. SASE for literature. James Fred, RR1, Box 41, Cutler, IN 46920

FOR SALE: Catalogue for perforated music rolls and instructions and care of Victrola VIII. SASE please. Robert J Stone, 721 Fisk St., Piqua, OH 45356-3729. (513) 773-2217

FOR SALE: Vista 6 transistor, small, beautiful, tangerine, CD, case, no # - \$45. Zenith #500 E, maroon, case - \$45. Russian palm held, generating flashlight, spot/flood - \$20. Panasonic #RF-1006, small carry-about, 3-band bat. portable - \$15. Newcomb #A-104, 6-tube integrated amp & tuner, both - \$45. Books: Rider: Vacuum Tubes, Auto Freq. Control; Drake: Radio Electronics; Sylvania: Tube Manual; GE/Coyne: Transistor Manual; Reich: Tube Theory; Hund: TV; Navy: Radar Electronics, Radio Handbook, 11th ed.; books total - \$25. All UPS extra. C. Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

FOR SALE/TRADE: Hallicrafters Model SX62A w/R46B speaker - \$450. Hammarlund HQ170A w/speaker - \$500. Eico amplifier model HF12 - \$250. (13) different pieces Heathkit test equipment - \$125. Hallicrafters Sky Buddy S19R - \$125. Rider's Tellafault(?) Volumes 1/2 - \$25. Crank tabletop Pal Deluxe phono - \$175 plus UPS. Trade in your DAV mini keychain license tags for - \$2 ea. off any radio. John Williams, Jr., PO Box 1545, Scarborough, ME 04070-1545. (207) 775-4212

FOR SALE: (10) Edison disc records - \$25. Grunow #9A chassis - \$35. Buick #981651 Sonomatic - \$30. Kolster K6 speaker - \$30. (15) Plug-in shortwave coils - \$20. #R445 Zenith - \$12. Sencore #Fe149 VOM - \$15. Johnson Viking - \$40. (100) Sams between 1843 & 2165 - \$15. Midwest 18-tube console - \$275. Zenith 11C21 chairside - \$350. Knight #83YX143 tube tester - \$40. Heathkit #10-18 scope - \$30. U.S. military #ME-70A VOM - \$35. Johnson transceiver tester - \$10. Zenith Royal #790 - \$35. RCA #100 speaker - \$50. (10) transistor radios, all work - \$35. (2) Big 15" speakers - \$30. Honeywell millivoltmeter - \$10. Zenith #8B08D chassis - \$25. Philco #38 cathedral - \$100. WANTED: Crosley #48 chassis, dial escutcheon for AK 84 & Philco 70. Walt Wrabek, Rt. 4, Box 370, Menahga, MN 56464. (218) 564-4623

FOR SALE: New Lafayette radio broadcaster phono oscillator, AC 10-125 volts, tubes 12BE6 & 35W4 - \$75. John Nosbaum, 2743 Wilmette Ave., Wilmette, IL 60091. (847) 256-0547

FOR SALE: Cathedral S.W. Model R110-A - \$190 ppd. Tombstone RCA Model 6T - \$150 ppd. Ray L. Mayeux, 520 Gladstone Blvd., Shreveport, LA 71104. (318) 868-1202

FOR SALE: Lessing, Man of High Fidelity, paperback copies, new, covers slightly rubbed - \$5 ppd. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447-0775. (603) 585-3448

FOR SALE: Zenith tube caddy, 1776 Independence Day design, clean good condition - \$40 plus UPS. Gary Redfield, 214 Bailey Rd., Crystal City, MO 63019. (314) 933-0542

FOR SALE: Hallicrafters S38A - \$75. General Electric G63 - \$80. Setchell-Carlson 485R - \$60. Hitachi TH666 - \$45. Philco T4-124, aqua - \$45. Hallicrafters S47 - \$150. Grundig 2420 - \$75. 811 tubes new in box - \$4 ea. Zenith 6D312 - \$175. (35) vibrators, most in box - \$70. Vance Rayburn, 2718 Homestead Rd., Madison, WI 53711. (608) 274-3002

FOR SALE: Hallicrafters S38A - \$75. General Electric G63 - \$80. Setchell-Carlson 485R - \$60. Hitachi TH666 - \$45. Philco T4-124, aqua - \$45. Hallicrafters S47 - \$150. Grundig 2420 - \$75. 811 tubes new in box - \$4 ea. Zenith 6D312 - \$175. (35) vibrators, most in box - \$70. Vance Rayburn, 2718 Homestead Rd., Madison, WI 53711. (608) 274-3002

FOR SALE: Advertisement for Crosley radio, 1929 - SASE. Robert J Stone, 721 Fisk St., Piqua, OH 45356-3729. (513) 773-2217

FOR SALE: Tubes, radio & TV; N.I.B., used, blues. Low prices! Mike Tobin, Rock-Sea Enterprises, 323 E. Matilija, #110-241, Ojai, CA 93023. (805) 646-7362. E-mail: RockSeaEnt@aol.com

FOR SALE: Simpson Handiscope #466, works, near mint - \$35. Sams Vols. 69 to 114, (10) per vol., covers 681 to 1140 - \$10/vol. All + shipping. Harry Pewowaruk, 1535 No. 8th Ave., St. Cloud, MN 56303. (320) 252-9910. E-mail: PewowarukH@aol.com

FOR SALE: 2x3-ft. porcelain on steel 5-color radio & television service sign, subscript says Sylvania Radio & TV Tubes, printed both sides - Best Offer over \$250. Byron Bernor, 2479 W. Sierra Hwy., Acton, CA 93510. (805) 269-5459

FOR SALE: RCA 100A speaker - \$25. Hallicrafters S-120 - \$25. GE T238B - \$15. Plus UPS. Jim Clifford, KE4DSP, 108 Bayfield Dr., Brandon, FL 33511. (813) 654-7531. E-mail: jcliffor@soleil.acomp.usf.edu

FOR SALE: AK 3955 without Type II tuner, with mounted variometer, 2-tube detector amplifier. Steve Bailey, RR1, Box 128A, Brooksville, ME 04617

FOR SALE: 6L6's Lafayette PA 1930's - \$50. 1970 2M transceiver - \$50. Ham accessories, books literature, more stuff, SASE list. Bill Tucker, W4FXE, 1965 S. Ocean Dr., Apt. 15-G, Hallandale, FL 33009. (954) 456-1349

FOR SALE: 16" radio transcription records, early 1950's. Two players. Jim Collings, 12005 Victoria Pl., Oklahoma City, OK 73120. (405) 755-4139

FOR SALE/TRADE: Addison Catalin Mod 5 in black w/ excellent butterscotch marbling, beautiful, and in brilliant flawless condition, (see Collins Book 1, p. 56) - \$2,500; or will trade for Western Electric amplifiers or tubes. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Zenith 767 Aviatix console, needs refinishing, 1 knob missing - Make Offer, can deliver to Elgin. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: All in excellent condition, plus UPS: AK 20C - \$90; 35 - \$60; 36 - \$110; 42 - \$50. Crosley 51P - \$165; 51, wood panel - \$125. Freed-Eisemann NR-5 - \$110; FE-15 - \$125; 40 - \$100. Howe crystal - \$100. Northern Electric R4 - \$500. Radiola V, complete - \$475. Many others, books, tubes and test gear. Roger Hart, 4533 Harvard Ave., Montreal, Quebec, Canada H4A 2X3. (514) 483-3857. Fax: (514) 483-6114. E-mail: 75123.50@compuserve.com

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FOR SALE: B5X88A, large 8-tube Super, AM/SW1, SW2, exc cond. - \$50. Emud Rekord, large, dual-tone cabinet design, unique - \$50. Grundig RF260, multi-band, FM stereo Super - \$90. Sony CRF5100 10-band portable w/BFO, mint - \$125. Telefunken Opus 50, complete, as is - \$25. Harman Kardon 7000X, 70WX2 stereo receiver, 4X5961s - \$90. Philips CM33A multi-band, 10-tube, Super Deluxe, very unique and eye-catching - \$290. Telefunken Gavoilte, near mint - \$150. Telefunken Elite and hi-fi portables, exc cond. - \$125. **WANTED:** Zenith R-3000. Electro Technics, 75 Breakwater Shores, Hyannis, MA 02601. (508) 771-5955

FOR SALE/TRADE: Spectacular Emerson Strad table radio (Bunis 2, p. 71) - \$750. Philco Mod 37-604 (Ramirez, p. 86); Crosley Buddy Boy - \$650. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Pair Eico HF20 amplifiers, excellent - BO. American D4T mic - \$60. **WANTED:** WE Model 124 amplifier in excellent condition. Frank Hagenbuch, 1440 Lafayette Pkwy., Williamsport, PA 17701. (717) 326-0932

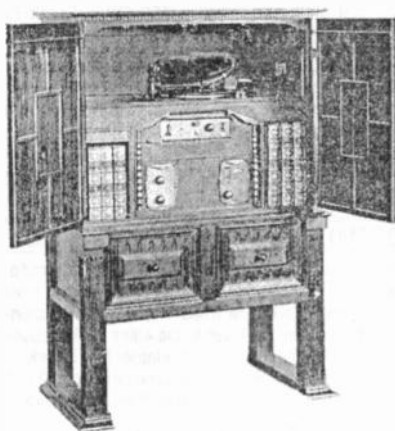
FOR SALE: Hickok 600A tube tester, vg - \$127; good - \$95. Books, ppd: Elements of Radio, Elements of Radio Servicing, Marcus - \$15 ea.; RCA Pocket Tube Manuals - \$6. RF generators, with manuals: B&K E200D solid-state, 100 kHz-216 MHz, metered output, xtal calibrator - \$95; Heathkit IG-5280, 310 kHz-220 MHz - \$35; HP606A, exc, 50 kHz-65 MHz - \$125; HP4260 RLCDO bridge, exc - \$225. Conar M-1400 hand-held DMM, 10A AC/DC, ACV/DCV, ohms - \$14 ea. Much more, list LASE. Kirk Ellis, KK4YP, 203 Edgebrook Dr., Pikeville, NC 27863. (919) 242-6000, eves.

FOR SALE: Eico ST-70 - \$100. Scott 310-E - \$250. Gonet Communicator III transceiver - \$125. **WANTED:** Radio Shack #276-1761. SAD-1024 or other Bucket Brigade IC's. Larry Kays, 6 Old Ivy Dr., Harwich, MA 02645. (508) 430-0462

FOR SALE: Hallicrafters miniature communications receiver, covers 0.5-30 MHz, all-transistor - \$125. Vibroplex original #220,xxx, M.I.B. - \$129. Tube CB Polycom Pro w/24 xtals, tuneable rcvr, 115VAC and 12VDC - \$135. GE transistor P-807C - \$49 + UPS. Steve Lipsky, W2VVN, PO Box 404, Barnegat Light, NJ 08006. (609) 361-8175; alt. @ (215) 884-1817. E-mail: SLipsky@gnn.com

FOR SALE: Philco 90 - \$595. Sylvania Thunderbird - \$495. Toshiba 6TP-301A - \$175. Pee-Wee pocket radio - \$95. Radiola IIIA - \$165. Catalins: DeWald Harp, marbled brown - \$575; Emerson BT-245, yellow-maroon trim - \$2,200; perfect yellow Fada 1000 - \$650; red wavy grille Sentinel - \$750; Cutting & Washington 11B - \$375; Radiola AR-812 - \$175; Danish modern Philco Predicta - \$1,200; Tan Crosley left-side bulls-eye radio - \$175. Sparton 550, blue - \$2,850. Black Colonial globe - \$1,200. RCA book radio from Chile - \$1,750. McMurdo Silver Masterpiece VI - \$4,500. RCA 1939 World's Fair Radio - \$1,500. San Francisco Expo - \$1,100. LaSiesta - \$795. Amplion large wood horn - \$650. Peter Pan cathedral Jackson Bell 84 - \$850. Crosley EIP - \$550. Federal 141 - \$375. Pilot TV 37 - \$295. Emerson 888 Atlas - \$135. Baseball trophy radio - \$795. White Westinghouse refrigerator radio H-126 - \$95. Black Emerson U5-A - \$295. Arvin 444, white - \$85. Arvin 422, black - \$85. Motorola Pixie, brown - \$150. Westinghouse Aeriola Sr. - \$175. Raytheon Radio Tubes cardboard sign - \$95. Tuska 225 - \$375. RCA authorized dealer sign - \$395. Air King chassis for Egyptian cabinet - \$450. Bristol 1-stage amp - \$150. Vintage Radio, 87 Sandra Dr., Parsippany, NJ 07054. (201) 316-8424, voice or fax

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FOR SALE: Catalogue for Victor records, 1923, in near perfect shape. SASE please. Robert J Stone, 721 Fisk St., Piqua, OH 45356-3729. (513) 773-2217

FOR SALE: N.O.S. Delco transistor DS-501. Zenith AM-FM table radio, very good H845. Louis L. Veltre, 643A Sherwood Ct., Lakehurst, NJ 08733-4207. (908) 657-7592

FOR SALE: Military hand-held transceivers Models RT159B/URC4 and RT285A/URC11 - \$50. N.O.S. alum. rack panels 7" x 19" - \$8 ea. Plus S&H. Ed Povraznik, 9606 Biddulph Rd., Brooklyn, OH 44144. (216) 661-0032

FDR SALE: Zeniths: 9S367 - \$250; 12U158, needs work - \$250; H500, vg, works great - \$85. Philco 42-350N/W, excellent. Truetone metal D2210, needs work - \$45. Heathkits: SB104 w/spkr, PS, mike and manuals, excellent - \$300; HW12 w/HP13 & manuals - \$55; EF-1 w/box - \$15. Hallicrafters S-38, wrinkle finish, excellent - \$75. Guild spice rack - \$45. 5-tube caddys - \$50. Small Norelco tape recorder - \$35. Uher 4000 - \$45. (60+) lessons from L.L. Cooke Chicago Engineering, works, 1924 - \$35. Philmore kit radio w/manual from 1954 - \$25. Cabinets: DeForest D10 - \$65; Crosley 54 - \$25; Reliable Mfg. of Cleveland, 3 dial - \$20. Sylvania tube display, 5 total - \$35 ea. Approximately (55) 12AX7 pulls - \$125. Any reasonable offer considered. Fred Watson, 581 W. Summit St., McClure, OH 43534. (419) 748-8798

FOR SALE: Emerson Ingraham cabinet, plays nice, similar to 217 - \$100. Westinghouse WR201 tombstone, 1935, restored, excellent - \$120. Eveready 3, WT, vg - \$100. Zenith Royal 670, plays - \$20. Add shipping. Larry Kellough, PO Box 849, Canton, CT 06019-0849. (860) 693-8269

FOR SALE: Electro-Voice Model 664 microphone in original box, nice - \$80. Turner tiny desk microphone Model 80X - \$30. Wurlitzer Mod 841 amp. GE auto radio model D-72 - \$45. Echophone Model EC-1 - \$30. Hallicrafters Model S-41 - \$20; S-38-A - \$30. Hard-to-find Atwater Kent Model 415Q battery tombstone - \$150. Zenith 6G-501, needs handle - \$20. Philco 20 deluxe chassis and speaker, untested - \$40. Airline movie dial table set, 6-volt - \$50 OBO. Frank Franowsky, 440-A Jemez Rd., Santa Fe, NM 87501. (505) 473-4150, after 6 pm

FOR SALE: Argos tube caddy - \$50. RCA tube caddy - \$35. Wawasee JB1000 pwr meter/scope - \$200. Browning Sabre mobile, new - \$100. Browning RJ20A AM/FM tuner - \$150. Glenn Hendrix, PO Box 144, Ardmore, OK 73402. (405) 657-3327, or (405) 223-6709

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FOR SALE: Zenith 6-G-501 chassis and knobs, tubes, speaker - \$35. Bee Gees transistor - \$30. Tony the Tiger transistor - \$55. Panasonic R-70, N.I.B., white - \$30. Co-op Forget-it battery transistor radio - \$25. Jewel all-transistor, TR-4, new, brown leatherette case, hand-wired chassis - \$65. Airline 10 transistor, GEN 1258B, new - \$25. Crosley 51, restorable, complete with tag and decal, mousey, NT - \$35. RCA 9X641, chassis, speaker, loop, dial, NT - \$20. 1957 Crosley electric range, beautiful - \$275. Crosley case 56PB - \$10. Zenith 6-G-601ML, sailboat grille, chassis, some case parts - \$45. Zenith 6-G-601M, airplane grille, no handle otherwise complete - \$45. Zenith 6-G-001Y chassis, some case parts - \$25. Offers? Sure! Thanks. Del Tysdal, Rte. 1, Box 157, Glyndon, MN 56547. (218) 287-2562

FOR SALE: Granco 809 AM-FM stereo radio, dual speakers, dual loudness controls, separate audio amplifiers, 10-tube AC, needs some work - \$25 plus UPS. Onerio Sabetto, 1717 Burgess Rd., Cleveland, OH 44112-1103. (216) 481-1036

FOR SALE/TRADE: M.I.B. Beane Weenee novelty radios - \$30 ppd or trade for Delco radios. Herman Gross, W9ITT, 1705 Gordon Dr., Kokomo, IN 46902-5977. (317) 459-8308

FOR SALE: ICOM R-71A rcvr, excellent w/P.B.T. manual - \$575 shipped con. U.S. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

FOR SALE/TRADE: Golden-Leutz ad showing the Trans-Oceanic Phantom, two-sided, paper, 33 x 22, (in Douglas book V2, pp. 128 & 129), excellent condition. WANTED: Majestic ads. Can bring to Radiofest in Elgin. Bill Allen, 505 S. 8th St., Eldridge, IA 52748. (319) 285-6472

FOR SALE: Newsletter for transistor radio collectors. Send SASE for sample page and subscription information. Transistor Network, 3612 N. 12th Ave., Pensacola, FL 32503

FOR SALE: Tube portable, Motorola 68L11, clear polyurethane over basketweave tweed - \$300. Chuck Bray, 1322 Ivy Rd., Bremerton, WA 98310. (360) 373-1013

FOR SALE: White and blue Patriots, bullet, Temples, Commander, marbled Stewart-Warner, brown Aristocrat, green 5+1 in trouble. Red Motorola 53H, brown and beetle candy cans, Arvin Midget, white Philco Boomerang, nice black Zenith Crest, Emerson Memento, GE H-600, Fada 34 Series, red Raytheon table set. Crosley new book radio, red Vanguard, Explorer, white 500, white TR-1 case only, Ballantine's novelty. Also small Catalin chip rack, S+P, rare mint Lunch 'N Munch vinyl lunchbox, Reddy Kilowatt N.O.S. pins, large Hull bow-knot vase, Roseville Bushberry pedestal mint. Ted Chronister, 7073 Carlisle Pike, #26, Carlisle, PA 17013. (717) 766-6436

FOR SALE: New tubes: 6B5ST, (6) - \$8 ea.; 42ST, (5) - \$8 ea.; 6N6G, (4) - \$11 ea.; 76ST, (4) - \$3.50 ea.; 41ST, (4) - \$3 ea.; 46ST, (3) - \$7 ea.; (5) 5881 - \$14 ea.; 10Y, (1) - \$30. George Jones, 1943 Palm Dr., Femandina Beach, FL 32034. (904) 261-6533

FOR SALE: Mini Silvertone 6406 - \$75. Ivory Emerson 587A - \$50. Wooden Artone, model unknown - \$35. Ivory Crosley Trooper 9-120W - \$45. All working. Traveler red leatherette 5002, not working - \$25. Stan Ward, 56 Third Ave., Berea, OH 44017. (216) 243-7197

FOR SALE: Exact reproduction of the Zenith 7G605 Trans-Oceanic log chart for the door of your Clipper. Offset printed on card stock like the original. It is great! - \$19.95 ppd. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am to 8 pm

FOR SALE/TRADE: Red TR-1 - \$395. **FOR TRADE:** Maxfield Parish prints, 1.3 Ghz hand-held scanners (AOR, ICOM). C.K. Bucy, PO Box 16583, Lubbock, TX 79490-6583. (806) 792-1662, voice/fax

FOR SALE: Pilot TV-37 3" television, exc - \$300. Stewart-Warner A-51T3 AirPal (Collins 1, p. 47) - \$200. Airline 62-475 (Collins Redux, p. 59) - \$135. Setchell-Carlson 416 (Redux, p. 83), blue - \$350; red - \$250. Jon Steinhauer, 1205 E. Broadway, F-15, Hewlett, NY 11557. (516) 295-3147

FOR SALE: Scott tube amplifier Mod 99D, untested - \$70. Scott AM/FM tube tuner, Mod 330-D, untested - \$45. Scott AM/FM tube tuner, Mod 330-C, untested - \$45. \$145 for all. Jeff Hoskins, 824 E. Madison Ave., Stuart, FL 34996. (561) 283-2291, after 7 pm

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FOR SALE: Recordio Wilcox-Gay Coronet console similar to Model 7D44, (Bunis 3), but with left-lift up lid for phone, right lift-up for recorder, lower left and right doors, center-front tilt out dial, 14 tubes, works - \$85. Pick up only. Dick Desjarlais, Box 629, Littleton, MA 01460. (508) 486-9018

FOR SALE: Zenith Trans-Oceanic Model 7G605 airplane grille - \$275. Motorola 7" screen tabletop television Model VT 73, blonde leather case, with antenna, complete and working - \$200. RCA table radio Model 75X12 - \$45. Bill Constantine, PO Box 493, Glens Falls, NY 12801. (518) 792-7065

FOR SALE/TRADE: Lost storage, sacrifice: Wurlitzer/Seeborg jukeboxes. Capehart, Midwest, Zenith consoles. Broadcasting, recording, audio. Pickup/deliver between N.Y., Elgin/Rochester. SASE. **WANTED:** Microphones, RCA/WE limiters amplifiers, consoles, speakers. Robert Van Dyke, 2 Squires Ave., East Quogue, NY 11942. (516) 728-9835

FOR SALE: Norelco BX433A/51 table radio - \$140. Realistic tube stereo TM 8-D - \$40. Lafayette HB-444 CB - \$60. John Malley, 19 Claremont Ave., Enfield, CT 06082. (860) 745-0733

FOR SALE: Sony ICR-120, clean - \$150. Emerson 838 hybrid, maroon, sharp - \$125. Realtone TR-8042, black - \$35. Sam Samuelian, 2305 W. Deerfield Dr., Media, PA 19063. (610) 566-7248

FOR SALE: Grebe CR2 exc with RORE detector - \$9,000. Don Patterson, 636 Cambridge Rd., Augusta, GA 30909

FOR SALE: Navy RCA AN/SRR13 receiver, 29 tubes, general coverage, with book - \$350. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: Radios, transistors, hi-fi equipment, tubes: Fada 845, white - \$325. Case/chassis for Airite - \$250. Emerson 520, brown Catalin - \$115. Marbled brown grille for DeWald A502 - \$155. Zenith 500, white - \$95. Marantz 7C, plate not perfect and 8B, McIntosh preamp C104 - \$200. Altec 820A speaker system with cabinet, Fisher preamp 80C - \$115. Stephens 15" 150FR - \$350/pair. Tannoy 15" monitors, one needs reconing, Bozak speakers 207A system - \$175/pair. Tubes new old stock; (55) 1B32/532A - \$125/all; (87) 1632 - \$90/all, others. All items electronically unrestored. **WANTED:** Catalin Bakelite radios, parts, hi-fi equipment, speakers. Ross Litrenta, PO Box 41, Eastchester, NY 10709-0041. (914) 337-7176

FOR SALE: Philcos 42-340 - \$35; 37-610J console, shippable - \$45. Receiver Troubleshooting Repair, Ghirardi - \$25. Curt Brohard, 1417 Court St., Alameda, CA 94501. (510) 521-4299

FOR SALE: Crosley 178 - \$45. **WANTED:** Remler 11 knobs, same on several models, can send sketch. Curt Schreiber, 3923 East Latoka St., Springfield, MO 65809. (417) 887-5184, collect. E-mail: Curtradio@aol.com

FOR SALE: Radiola VI - \$1,650. Kennedy V - \$425. Day-Fan OEM-7 - \$95. Airline cathedral - \$85. Silver-tone tombstone - \$95. Steve Wallace, 3707 Pricetown Rd., Fleetwood PA 19522. (610) 944-7230

FOR SALE: Tubes: N.O.S. - 25¢ ea. and up. Over 1,000 types inc. industrial and hifi audio. Large 2-stamp envelope for list. I am always buying tubes. Charles D. Blair, 815 N. 5th St., Cambridge, OH 43725. (614) 432-4453

FOR SALE: Science Fair Globe Patrol, 4-band - \$44. Heathkit GR-91 4-band, nice - \$55. Ameco R5A 5-band, cute - \$50. Signal Corp. (Hallcrafters) R44/ARR5, missing cover - \$235. Scott kit LT-110 - \$44. Scott kit LK-72 amp - \$75. Scott LK-48-8 - \$44. McIntosh MX110 w/problems - \$135. Pioneer SX-34 multiplex w/tuning eye - \$44. Harman Kardon Sonata - \$33; A-300 amp - \$45. Heathkit W-5M - \$144; W-6M 70W amp - BO by 8/31. Cobra CB Cam-88 - \$33. Knight CB Safari-I - \$46. Siltronix 90 VFO - \$25. Archer Space-Patrol, CB/AM - \$32. All are not tested and are plus shipping. Will consider offers after 8/10. Lars Roose, 10100 Chapala Ct., NE, Albuquerque, NM 87111. (505) 296-4129, evenings

FOR SALE: National SW-3, good condition, 1 pair coils - \$250. Hallcrafters SR-75 transceiver, rare, looks like an S-38 - Best Offer. Philco 48-1001 TV, good condition - \$125. Motorola VT-71, missing back - \$65. Admiral 20X12N Bakelite 10" table model, good condition - \$75. Philco 1950 console 12" TV/AM/FM radio, phono, good condition - \$75. Philco Seventeenner portable, good CRT - \$45. Slinger TV6-U, not working - \$35. Rider's TV manuals Vols. 3 to 27 - \$50/all. Most Often Needed Circuit books, 1939-1942-1954 - \$8 ea. AK Service Manual, in AK binder - \$100. Factory original radio for 1932 Ford, complete - Best Offer. Dynaco Stereo 70 power amp, works well - \$250. Western Electric non-dial candlestick phone, good condition - \$150. Add UPS. Large TV's and TV Rider's, pick up only. Rick Weibezahl, 305 Belvidere Ave., Washington, NJ 07882. (908) 689-3276

FOR SALE: Radio Lamp of America, all brass w/ mushroom shade, complete, good condition - \$850 OBO. Scott Headley, 567 Traverse Dr., Costa Mesa, CA 92626. (714) 662-3497

FOR SALE/TRADE: The following vintage tube type hi-fi and stereo items: Scott 121C Dynaural Equalizer preamp - \$250. LK-72 Scott amp - \$250. Fisher X-101B amp - \$350. Pair of Heath kit W5M mono block amps - \$400. McIntosh Mod C-20 preamp - \$750. Pair of McIntosh MC-60 mono block amps w/poor chrome - \$1,400. McIntosh MX 110 preamp tuner - \$450. McIntosh MC-240 stereo amp - \$1,500. McIntosh MC-67 preamp tuner - \$550. Scott Lab. 280 80-watt amp - \$350. Heath AA-31 amp - \$250. Pair of Heath A-9C amps - \$400. Plus many other Heathkit tuners and preamps under \$100 ea. Also Stromberg-Carlson and Pilot amps and tuners at affordable prices. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030



FOR SALE: Atwater Kent Model 555 lift-top "chest" type radio, 1933, with original sales literature, working, nice original - \$395. Another seldom-offered AK, the Model 21 with Type 199 tubes, in very, very clean condition, all tags - \$415. Also, not shown, Cutting & Washington Type 15, a 1-tube receiver using a 199 tube - \$515. Zenith Super VII empty cabinet, 1925 - \$20. Silvertone Century of Progress table set, 1934, farm model - \$45. Silvertone mid-30's table - \$35. Ward's movie dial chassis, some rust - \$20. Philco table TV, Model 49-1040, with legs, slant front, decent shape - \$65. Another Philco table TV, ca. 1949-ish - \$50. Following are consoles: AK 55 lowboy of 1929 - \$65. Sterling 1930-ish lowboy - \$40. Philco 1929 lowboy - \$40. Radiola 33 in a Gothic aftermarket cabinet - \$40. Gulbransen 1930-31, knobs missing - \$40. Silvertone Model 101.672-1A with push buttons, nice - \$35. GE Model E105, mid-1930's - \$30. Amrad Symphony, 1929, with doors, two for the price of one - \$55. RCA D7-7 radio/phone, 1935, small, lift top, doors - \$45. Stromberg-Carlson Model 250L, 1938, nice, but knobs gone - \$40. Admiral 1950's all-Bakelite TV cabinet only - \$40. RCA CTC5 color TV, was working when stored - \$45. Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649 (yes, I've moved again!). (508) 477-1578, before 9 pm please

FOR SALE: Silvertone 1965 top of 1936 line 10-tube tombstone, completely redone with manual - \$155. GE A63 tombstone, mint, original - \$70. Emerson Ingraham, mint, similar to 217 - \$60. GE Catalin clock 3H96, marbled green/brown, works - \$65. All F.O.B. Swarthmore. Plus S/H. Sam Mannino, PO Box 233, Swarthmore, PA 19081. (610) 353-6747

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FOR SALE: Scott's first classic 1931 Allwave. 1934 Zenith Aviatrix. 1946 dual FM Zenith commemorative. Sony 1CF-2001. Novelty Empress house radio. AK M horn. Old Emerson. GE TV. Bill Coolahan, 1450 Miami Dr., NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE/TRADE: The following Collins 51-J2 transmitter for parts, needs transformer - \$200; 75A4 w/3 mechanical filters, Mod #888 - \$600. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Sams, below 1000, as low as - \$1 ea. Must sell, overstocked. Send SASE for list. John E. Kendall, PO Box 436, Fallston, MD 21047

FOR SALE: Magictone bottle radio, works but missing label. Gene Greneker, 184 Lake Somerset Dr., Marietta, GA 30064. (770) 422-2979

FOR SALE: Pair McIntosh C4 preamps - \$200; rough MC30 - \$200; used 7868's - \$10 ea. 7027A's (2) N.I.B. and (3) used - Offers. Crown D150 amp, Dyna D120 amp - \$50. (135) N.O.S. 6GH8's - \$10/5 or \$30/20. Heacock Model 610 TV FM alignment generator - \$50. **WANTED:** BIGG U30 amp by Gott, EICO HF60 amp almost any condition. Dave Barth, 8320 Bevan St., San Gabriel, CA 91775. (818) 286-6503

FOR SALE: H.H. Scott receiver Model 335R, excellent, working cond. - \$80 + shipping. Call: Bob Putnak, 1507 4th St., Monongahela, PA 15063. (412) 258-6236

FOR SALE: 1935 Modern Radio Servicing by Ghirardi, 1,300 pgs. vg condition - \$18 ppd. Radio Relics, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491. Fax: (818) 367-1442

FOR SALE: Superior Instruments Genometer Model TV-50-A, new, versatile test equipment - \$50. Heathkit signal tracer Model IT-12 - \$30. 5" DuMont scope Model 274, vg - \$45. RCA 5" oscilloscope, WO-91, excellent condition - \$65. All items plus UPS. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (609) 881-0244

FOR SALE: NC-300 - \$225. Hallicrafters S-77 - \$100. ARC-5 receivers - \$50. BC-348R - \$150. LSASE list. Sam Timberlake, PO Box 161, Dadeville, AL 36853. (205) 825-7305

FOR SALE: Blaupunkt Genua - \$25. Blonder-Tongue hi-fi amp A-1B, works - \$25. H.H. Scott AM-FM tuner #330 - \$40. Philips B5X65A 5-band Bakelite - \$40. Silvertone 1863 32v tombstone - \$45. Don Reinsma, 610 Nix Rd., Pensacola, FL 32506. (904) 455-7721

FOR SALE/TRADE: Edison Protechnic cylinder recorder dated 1906 with Edison shaver machine dated 1905, exc & can deliver Elgin. N.O.S. projector lamps 300W-1000W. GE: some Japanese, exciter lamps, N.O.S. Raytheon subminiature tubes CK 5702, 5744, 5783, 5784, 633, 634, 636, 637. Jim Hauskins, 1403 W. Miller, Bloomington, IL 61701. (309) 828-6879, 2-4 pm daily; wknd. 5-9 pm

FOR SALE: Stewart-Warner 61TR36 radio/phone - \$75. **WANTED:** Philco 17B cathedral, owners manual for Tram D201 transceiver. Ted Depto, The Philco Collector, 913 5th Ave., Patton, PA 16668. (814) 674-8834

FOR SALE: Radiola 5, repo. top & crystal; Radiola 4, Radiola 2 - \$500 ea. Rider's Radio 1 thru 22 - \$500. You ship. John W. Weyer, 16979 110 Ave., Sperry, IA 52650. (319) 985-2405, eves.

FOR SALE: Zenith radio nurse, crack in grille; Guardian ear, painted white - \$500 for both OBO. Scott Headley, 567 Traverse Dr., Costa Mesa, CA 92626. (714) 662-3497

FOR SALE/TRADE: National HRO 60 w/coils and speaker - \$500. HRO 7 w/coils, PS and manual - \$475. Heath SB 401 and SB 301 - \$600/pair; NC 300 - \$275; NC 300 - \$375. Hallicrafters SX-101-A - \$375; SX-28A - \$475; rare Haigis UHF TX/rcvr - \$250. Barlow-Wadley XCR-30 MK2 - \$175. RCA marine rcvr Mod AR8506-B - \$325. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Admiral 7C73W-UL chassis with escutcheon - \$20. Stromberg-Carlson 1407 chassis, speaker, escutcheon, knobs; Philco 48-1262 chassis, turntable, dial, escutcheon - \$30. Most tubes present. **WANTED:** Nice Howard AC radio. Chassis for Philco 37-89, AK 228, Westinghouse WR-14, WR-10, Majestic 363, General Motors 250, Crosley 1137. Brian Kurlie, 2222 Nodleigh Ter., Jarrettsville, MD 21084. (410) 692-0450

FOR SALE: Champion spark plug radio, 15-inch, chipped, have chip - \$35 plus shipping. Ken Armstrong, Box 216, Storm Lake, IA 50588. (712) 732-3012

FOR SALE: Solavolt constant voltage transformer, 95-125 volts input, 0-130 volts adjustable output, max amps 7.5 - \$40 OBO. Ken Voyles, 7425 Brushmore NW, N. Canton, OH 44720. (330) 494-5648

FOR SALE: Hallicrafters S-20R Sky Champion - \$35; SX25 - \$45. **WANTED:** Speaker for AK 480, AK-260 or AK 469. Thanks. Jack Mattox, 1443 Platte Ave., Alliance, NE 69301. (308) 762-8831

FOR SALE: Heath W5-M and preamp - \$150. 6B4 amp - \$40. Dyna MKIV - \$175. Bogen DB-20 - \$100. Dan Merz, 312 Sierra St., Richland, WA 99352. (509) 375-1334

FOR SALE: Transistors: Westinghouse H790P6GP - \$15; Commodore Mincro in zip case - \$25; Traveler TR-283, gray - \$40; Realtone like TR-4016, no Model #, cream and gold, chipped - \$25; Windsor FR-601, black and gold, round grille, in box with case - \$45; Silvertone 212, with case - \$30; Coronet boys radio, black, sharp - \$35; Plastic teddy bear radio, different, N.I.B. - \$15. Radios are untested. Add \$3.50 to ship each radio. Jim Martes, 15400 E. 2nd St., S, Independence, MO 64050. (816) 836-0668

FOR SALE: Telefunks: Super 330 WLK Bakelite, 1933, complete, no cracks - \$425; 713W, 1935 - \$275; 766W, 1937 - \$275; Gavotte 7, 1959 - \$120; Nora W 220 L, 1934 - \$250; Phillips 1952, 1957, 1961 Pinettes - \$95 ea. Nordmende Electra, 1955 - \$105. All have 110/220-volt transformers, complete, good to excellent. **WANTED:** Need reasonably priced and looking A-K horn speaker; Hallicrafters: S-38C/D/E, S-19R; Zenith 6G601 portable. J.R. Sprouse, PSC-2, Box 8968, APO AE 09012. Phone: #011.49.6383.1419

FOR SALE: Retired, collection of (40) radios, 1923-1950's. Tubes, test equip. and misc. parts. Send SASE for list. Ken Hoffman, 70 E.H. Colchester Tpk., Moodus, CT 06469. (860) 873-1803

FOR SALE: Hallicrafters SX42 - \$225. Sky Buddy II - \$40. Atwater Kent 87-89 console, refinished - \$225. Heindel electro cardiograf machine - \$200. Offers. Pickup in Rochester. Joe Figliomeni, 2074 Maiden Ln., Rochester, NY 14626. (716) 227-2355

FOR SALE: Eico 6- and 12-volt battery eliminator - \$15. Heathkit HW-32A receiver - \$50. HP-23 power supply - \$50. Sine and square wave audio generator - \$25. Tube tester - \$25. VTVM/manual - \$15. Manual for C-3 checker - \$10. Bill Coolahan, 1450 Miami Dr., NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: ARRL Handbooks 1950 and 1960's; RCA tube manuals - \$10 ppd. Joe Duffin, 4 W. Central Ave., Moorestown, NJ 08057-2415. (609) 778-1436

FOR SALE: AK 55C w/speaker Type FA, brown, excellent shape, works - \$150 + UPS. Michael J. Doback, 592 E. Southlawn, Birmingham, MI 48009. (810) 646-6944

FOR SALE/TRADE: NBC chimes; Variac N.I.B. - \$40; Motorola 6T - \$70; Bendix 0526-E - \$50. Bob Suslovich, Box 9053, McLean, VA 22102-0053. (703) 841-5889 or (540) 743-9346

FOR SALE: Jensen Concert speaker, 12-inch, 4K field, cone OK - \$25 plus shipping. Ray Harland, 2602 Mary Ln., Escondido, CA 92025-7502. (619) 746-4584

FOR SALE: Global GR-711 transistor radio, lavender, perfect, rare - \$300. Dekalite transistor radio, looks like Aurora, (Made in Japan, p. 43), new-in-box, never used - \$100. Suzanne Wyatt, 4403 Boyd Rd., Dearborn, MO 64439. (816) 992-8811

FOR SALE: Crosley #26 chassis, NT - \$40 plus UPS. David Buck, 3630 Wilcox St., San Diego, CA 92106. (619) 224-5821. E-mail: whnf46a@prodigy.com

FOR SALE/TRADE: Pair of Heathkit W5-M power amplifiers, w/preamplifier - \$500. Pair of British RCA power amps w/all tubes and both preamps - \$800. Pair of Bogen DB-20 amplifiers - \$400. McIntosh Mod 1700 rcvr - \$700. Eico HF85 preamp - \$100. Pair of Bogen B10 amps - \$325. Bell 2122-B amp - \$125. Lafayette Mod LR400 rcvr - \$225. Scott LK 48-B stereo amplifier - \$300. One Fairchild Mod 255 power amp - \$300. Hartfield Driver JBL Mod #375 - \$400. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Hallicrafters TW-1000 Worldwide, excellent condition, not working - \$100. Toshiba 8TM-294, works - \$55. Eric Hayes, 1248 Denver Ct., Naperville, IL 60540. (708) 357-4569

FOR SALE: Lafayette 250A stereo amp - \$75. Sherwood S3000 IV FM stereo tuner - \$75. Both exc. Eico HF-20 mono amp, exc - \$125. Audiocraft and Hi-Fidelity magazines, call. 6KD6 tubes, new - \$20 ea. Rick Yerke, PO Box 392, Moscow, PA 18444. (717) 842-4857



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FOR SALE: Memorabilia: Zenith ESP cards - \$20/pk.; Atwater Kent matches - \$15/book. Radios: AK 20C, excellent - \$125. Grebe Synchrophase MU-1, vg - \$225. Kadette tombstone Model 65 has world map grille cloth fair - \$125. Philco 70, excellent original working - \$325. Philco 89 cathedral, restored, working - \$225. Tubes: Arcturus blue tubes: 24A - \$10 ea.; 27 - \$10 ea.; 47P2 - \$30 ea.; Globe type clear 301A - \$10 ea.; 24A - \$6 ea.; 26 - \$6 ea.; 27 - \$6 ea. All tested & guaranteed. Speakers: AK H - \$50; O'Neil - \$50. Test Equipment: Clough-Brengle signal generator - \$25. Confidence Automatic tube tester, very old - \$50; Precision 920 tube tester - \$30. Jackson 598 tube tester - \$50. Boonton Q-meter Type 260-A with coils & book - \$150. Sprague Kwik-Test KT-1 capacitor checker - \$25. The following Heathkit: IT-28 cap. checker - \$15; IG-102 signal generator - \$10; IM-17 voltmeter - \$10; IM-28 VTVM - \$10; transistor checker - \$10. Harder toroidal coil winder Model L-2, with book - \$150. Mark Miner, 11430 Tuscarora Ln., Clermont, FL 34711. (352) 394-6596

FOR SALE: Radio chassis: RCA 6K3 - \$30; 88K - \$20. Knight-kit 1960's wireless intercom set transistor - \$20. 1 Crayola Crayon radio left, M.I.B. - \$100. Standard Micronic Ruby SR-H436 - \$80. Lewol leather table radio - \$130. Guitar amp Thunderbolt by Supro, 1966-1967 w/15" Jensen - \$300. Send SASE for list of 2 dozen N.O.S. old TV flybacks/transformers. Plus UPS. Kevin and Kathy Moe, 616 Lockrem St., Ottawa, IL 61350. (815) 433-4598

FOR SALE: Now in production, aluminum can capacitors, 7/8" dia. by 4" H., 4 values available, wire leads, 7/8" threaded mount - SASE for prices. ARL-USA, RR1, Box 41, Cutler, IN 46920

FOR SALE: Addison 5, Admiral 29G9, Airline 94-KR-1520, Arvin 540T, Crosley 9-106-W, 10-135, 10-140, 11-106. Mike Radio, Sears 8003, Westinghouse H126, Grundig Satellit 500 - \$200. Richard Bell, 100 Cane Dr., Lafayette, LA 70508. (318) 232-0825

FOR SALE: I found a cache of old tubes. (3) new CX201A's & most used. Also bunches of two-digit numbers both globe and ST's all used. Might have what you need. Dee Almqvist, W4PNT, PO Box 371, Crimora, VA 24431. (800) 755-2365, voice mail. (540) 249-3161, hamshack. Fax: (540) 249-5064

FOR SALE: Radiola 26 beautiful condition - \$375. Westinghouse RC-DA - \$350. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Nice Heathkit Sixer - \$50. Super clean Millen 90651 GDO, original box and manual - \$150. Pair of Heathkit EA2 mono amplifiers - \$150. Prices negotiable. Jack Campellone, KD4HAK, PO Box 232, Genoa, OH 43430. (419) 855-4420

FOR SALE: Tube ampl. Siemens, fine condition (Foto). **WANTED:** Bezel and 2 corners for Radiola 33. Bezel for Philco 60. AF transf. for Radiola 16. Emil Socher, 135 Brinkworthy Rd., 2-114 Salt Spring Isl., British Columbia, Canada V8K 1S3. (604) 537-5947

FOR SALE: Addison A2A, black - \$320. Dahlberg 4130-D1 pillow radio, 2-tone green - \$240. Airline 93WG-604A, Deco - \$110. Sparton 5953 red/gold torpedo lunchbox - \$100. Transistors - Sony TR-63 case, red - \$50. Lincoln, Nipco, Realtone - \$30. Western Electric field phone - \$60. (200) Sprague multi-stage electrolytics - \$75/all. Mark Zaluski, 113 Pike St., Winnipeg, Manitoba, Canada R2K 3C1. (204) 667-3562

FOR SALE: U.S. Recording Company 3-speed professional portable phonograph, used in schools & dance studios - \$50 plus shipping. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

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FOR SALE/TRADE: If you are or know of a serious phonograph collector, perhaps this ad will be of interest! I have just acquired a most unique and unusual floor model phonograph designed in Egyptian motif and shaped to resemble a pyramid. This unit is surrounded with over (100) hieroglyphic cutouts, tastefully hand-painted paraohs and king figures plus Egyptian scenery, mfg. by Pyramidia Inc., circa 1920. It's absolutely breathtaking if you appreciate fine design or something different and even works beautiful. For details or videotape and information, call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: (2) good used Eimac 304TL - \$50 ea. (4) good used RCA 4-125A - \$30 ea. (2) N.I.B. GE 8643 - \$40 ea. Prices negotiable. Jack Campellone, KD4HAK, PO Box 232, Genoa, OH 43430. (419) 855-4420

FOR SALE: 7" National TV set and National booster amplifier. Rodney Schrock, 402 Lincoln St., Somerset, PA 15501

FOR SALE: 1964 Emc tube tester #213, works, with manual, chart, good condition, tiny - Offers? John Smith, RR1, Box 74, Collison, IL 61831. (217) 776-2225

FOR SALE: 1949 Emerson 7" TV, Model 639, cabinet needs refinish - \$65 + UPS. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (908) 725-7476

FOR SALE: Military: RT-18/ARC-1 xcvr, 100-150 MHz, 26 tubes, 26 volt dynamotor, with manual - \$55; matching Western Electric I-106-A field strength meter - \$40; Signal Corps IE-36 test set - \$15. **WANTED:** Philco 84B chassis and/or knobs, junker OK. Andrew Mitz, WA3LTJ, 4207 Ambler Dr., Kensington, MD 20895. (301) 897-5531. E-mail: arm@helix.nih.gov

FOR SALE: Radio Shack 1976 Bicentennial rdio. 1988 Broadcast Electronics hardware equipment catalog. Chales Harper, 2000 Jackstown Rd., Paris, KY 40361. (502) 769-0404

FOR SALE: RCA 16X4 wood tabletop with push buttons, nice, plays - \$50. GE A-82 tombstone, beautifully restored, all bands work great - \$225. Silvertone 6324, wood tabletop, tuning eye, push buttons, plays, could use cosmetic touch-up - \$50. Mantola 405-7C, wood tabletop, push buttons, plays, could use minor touch-up - \$50. Arvin 242T, small metal tabletop, nice, plays - \$75. Arvin 524A, small metal tabletop, nice, plays - \$75. Silvertone I, small metal tabletop, nice, plays - \$75. Philco 38-10 tabletop, restorable - \$50. Trav-Ler 6300 tube-type plastic portable - \$15. Farnsworth AT-10, cabinet cracked - \$40. Farnsworth ET-064, cabinet cracked - \$40. Belmont 6D-111, cabinet broken - \$50. Zenith H-500, with book, plays on all bands - \$50. Zenith 5S-218, beautiful original, plays - \$175. Philco 41-RP2, near mint, works - \$150. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: Emerson 157, ivory - \$110; 522 - \$35. Hallicrafters SX-110 - \$100; 5R42 - \$20. Zenith F508B - \$15. Pal kids phono - \$20. Elgin transistor C/R - \$10. Hickok 215 VTVM - \$10. Nice Variac - \$20. Precision 612 tube tester - \$45. Classic Radio & Television, 541 Riverside Dr., Box 61, Augusta, ME 04330. (207) 623-2059

FOR SALE: Superb Pilot 3" TV, magnifier, case with antenna, paperwork, works - \$675. Deliver Elgin. Bill Ross, 875 Gordon Ter., Winnetka, IL 60093. (847) 441-6462

FOR SALE: National NC183D, nice, plays, 2 knobs not original - \$175. NC 98, nice, plays - \$125. NC-98, plays, needs work - \$75. National 1-10, no P/S, nice - \$150. National 1-10A, no P/S, nice - \$150; both 1-10's have original books. Knight R-100, nice, plays - \$125. Hallicrafters Sky Buddy, plays, needs cosmetics - \$65. National SW-3, missing part of cabinet & volume control, no coils - \$100. Hammarlund Super Pro 210LX for parts or restore - \$100. Collins R-388, Serial #398, mint, unmodified, museum quality in military tabletop cabinet - \$700. Collins 51J2, shows a little wear, no cabinet - \$300. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: Stromberg-Carlson 925L AM/FM/SW/PB console. DuMont 164-E 3" scope, circa 1936 - BO, PU. P. Seidel, 30 Vista Way, Port Washington, NY 11050-3807. (516) 767-0948

FOR SALE: Grundig Satellit 650, large shortwave portable in excellent condition - \$580. Grundig AM-FM Majestic Model 85/USA small tube radio - \$20. Lang Model 406-AM, small table radio - \$20. Philco Transitone PT-30 AM table radio - \$35. Zenith Model L721 AM-FM table radio - \$40. Shipping extra. Call after 7 pm. Simon Sarkissian, 930 Montgomery Ave., Apt. 407, Rosemont, PA 19010. (610) 525-7675

FOR SALE: Old Weston, GE meters. DC wattour, Ester[?], Angus recording ampere, watt, voltage meters. Old book list. Henry Weiland, 8946 West Grantosa Dr., Milwaukee, WI 53225. (414) 463-4681

FOR SALE: Many years collection: old radios, tubes, testers, etc. Must sell now. Bob Lamminen, 471 Stark Rd., Cloquet, MN 55720. (218) 879-1515

FOR SALE: Aztec cathedral, complete as is - \$115. Zenith Royal 500, with leather case - \$85. Zenith Royal 500E - \$70. Jukebox radio, new-in-box - \$30. Philco #91 dial plate - \$15. William Egan, 10332 S. Komensky, #C, Oak Lawn, IL 60453. (708) 229-9676

FOR SALE: Radiola III, NT, vg - \$65. Ralph Trotter, 103 Beach Rd., Bristol, RI 02809. (401) 254-0138

FOR SALE: Tektronix 585A oscilloscope with 82 dual trace plug-in unit - \$250. N.I.B. miniature color video camera with RCA output jacks for VCR recording - \$275. Lafayette HA63 communications receiver - \$100. Toshiba VM 32C Beta VCR - \$100. John Tokie, 519 W. Water St., New Lexington, OH 43764. (614) 342-5192

FOR SALE/TRADE: The following National receivers: NC 46 - \$250; like-nu HRO 500 - \$25; the original HRO Standard w/coils, speaker, doghouse PS and manual - \$495. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Realtone TR-2663, similar to Zenith Trans-Oceanic, has 11 bands, logs and charts - \$125. Russ Abrams, 2330 Villaret Dr., Huntsville, AL 35803. (205) 883-7322

FOR SALE: Stromberg-Carlson Te-Lek-Tor-Et (1933) head unit with cable and 8-pin plug, 78, 6A7 tubes or **WANTED:** other unit with main chassis & speaker. Frank D. Atwood, Nostalgia Radio, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100

FOR SALE: Zenith Universal Model G503 flip-up - \$50. **WANTED:** Excellent Zenith H725. Top dollar for color set. Gary Harmon, 10704 Callanish, Austin, TX 78750. (512) 219-0499

FOR SALE: Tubes, global type: 301A, 112A, 47, 171A - \$15; 245 - \$40; 281 \$20; 24A - \$3; Arcturus blue glass 127 - \$20, tipped - \$25. Herb Ratner, 3542 Westminster Ct., Holiday, FL 34691. (813) 937-7452

FOR SALE: Crosley table mod. radio Model V w/ Baldwin headset, has DeForest Audion tube, exc cond. - \$250. Mike Speno, 7 East Genesee St., Auburn NY 13021. (315) 253-6259. Fax: (315) 253-6348

FOR SALE: RCA X551 - \$40. Radio Shack DX160 - \$55. Philco 86 Junior - \$130. RCA Radiola 60 table - \$110. Charles Voigt, 94 Cleveland St., Norfolk, MA 02056. (508) 528-7928

**PHONE NUMBER FOR
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(508) 371-0512**

Best time to call is weekdays:

8:30 am to 6 pm Eastern Time

(Please no classified ads by phone. Thanks!)

FOR SALE: WE speaker Model 100F - \$75; VOM WE D-166852 - \$35. Ampro tape recorder w/spkr - \$85. Mikes - Turner 22D, Altec (2) 633A - Offers. Keyer w/ tapes - \$45. Approx. 1,000 TV-radio tubes - \$450 lot. VRC 12-RT-524 radio - \$550. BC-611 radios, 2 ea. Parts BC-348-342. Steve Bartkowski, 4923 W. 28 St., Cicero, IL 60650. (708) 863-3090

FOR SALE: Blaupunkt Super Hi-Fi Bullet Type 20003 AM/FM/SW - \$130. RCA Model #1X53 - \$30. All plus shipping. Call: George Delker, 1216 26th St. NW, Winter Haven, FL 33881. (941) 294-3123

FOR SALE: Photoflash capacitors, small size, low leakage, 160 ufd, 330 volt - \$8/50, \$15/100. Plus postage. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9. (403) 434-6257

FOR SALE: Zenith console 10S567 - \$175. Philco 39-45 console - \$125. Marshall tombstone (Ozarka)? - \$75. **WANTED:** Early 50's Cameradio Catalog. John Packer, 318 School St., Springdale, PA 15144. (412) 274-4734

FOR SALE: 1948 Crosley 56TN table, AM/SW - \$45. 1936? Silvertone 4521 six-volt tombstone, AM/SW - \$75. 1931 Victor R35 micro synchronous console - \$130. All plus shipping or pickup 10 miles from Elgin. Jerome A. Wieland, 780 Charleston Ln., Hoffman Estates, IL 60195. (847) 934-1790

FOR SALE/TRADE: RCA 12" electrodynamic speaker #050824, exc - \$50. **WANTED:** Sennheiser ME-40, Sony ECM-77B mics. Jay Myers, 1010 Graybar Ln., Nashville, TN 37204-3213. (615) 297-5886

FOR SALE: GE Model 260 metal, 6 SW bands and AM battery or line schematic and parts list, not playing - \$20. Philco portable 46-350, 6-tube wood and leatherette, not playing - \$15. GE clock radio C405-0 plastic (Bunis 3, p. 101) - \$10. UPS extra. Ferdinand Estree, 660 Fineview Ave., Kalamazoo, MI 49004. (616) 344-0231

FOR SALE: Hammarlund HQ-140X, good operating and physical condition with new tubes - \$140 plus UPS. Harry Cap, 190 Beech St., Bridgewater, MA 02324. (508) 697-8648

FOR SALE: General Radio Company test equipment catalog M, 1951 - \$25 ppd. Ross Wollrab, 229 N. Oakcrest Ave., Decatur, IL 62522-1810. (217) 428-7385

FOR SALE: N.O.S. 6L6WGB/5881 JAN Phillips - \$16 ea. (4) GEC Gold Lion KT88's in GEC boxes, test new - \$650. (2) British KT66's N.O.S. - \$160. McIntosh C8 w/Telefunken's cabinet - \$200. Dyna ST70 & PAS2 - \$500. Dyna MKIII's w/5 GEC KT88's, (2) PAM's, DSC unitized, extra N.O.S. faceplates, manuals, cables - \$1,000. Scott's 340B, (2) 99B's, (2) LK-48-B's - \$200 ea. 222 parts. Peter F. DeGregorio, 45 Moritz Pl., Fairfield, CT 06430-3527. (203) 331-9155

FOR SALE: Remler Model 93 Scottie radio, nice condition - \$125. Two Remler Scottie chassis, both complete and working - \$40 ea. Bob Furtado, 23 Garden Rd., Alameda, CA 94502. (510) 521-3084

FOR SALE: E.H. Scott Philharmonic, Warrington cabinet; E.H. Scott Allwave 23, Tasman cabinet; both play great; can deliver to East or West Coast for gas expenses to insure safe delivery! Zenith console Mod 12U158, Zenith 10S567 dial glass, escutcheon. Zenith wave-magnet antenna. Cathedrals: Crosley Mod 124, Radiochrom Mod unknown, 4 tube; Philco Mod 84B; Jackson-Bell Mod 62. UHF tuners: Blonder-Tongue, Mallory; both excellent shape. Emerson chassis w/spkr Mod BQ223 plays good; RCA Mod BT6-10 chassis w/spkr 6 tube, bat. only; 1935 both. Philco portable rollout Mod 41-844, Philco Mod 144B tombstone, Heathkit Mod AJ-11 AM-FM tuner, NRI Mod 33 sig. tracer, Triplett tube tester Mod 3413, Triplett sig. gen. Mod 3432, Sprague TO-5 capacitor tester; Supreme tube tester Mod 502, very good oak cabinet, issued 7/25/37, all original papers. Weston Mod 682 tube tester; Heathkit Mod IT-17 tube tester; Heathkit Mod TC-2 tube tester; Heathkit factory-wired oscilloscope Mod 0-10, excellent; Heathkit Mod A-9 amp, excellent. Still looking for E.H. Scott Masterpiece complete cabinet or not. Thanks. R.R. Bruning, 1901 U.S. Hwy. 150N, Apt. B, Galesburg, IL 61401. (309) 344-1968

FOR SALE: N.O.S. tubes: 1P37 - \$15; 6AD7G - \$15; 12A8GT - \$2. Ballasts: 50A2 - \$9; 50B2 - \$9; 868 - \$9; 872A - \$20; 884 - \$5; 918 - \$15; 2050 - \$5. Star-Tronics, Box 98102, Las Vegas, NV 89193. (702) 795-7151

FOR SALE: Detrola Super Pee Wee, black/beetled grille, minor flaws - \$700. Lafayette Troubadour, ivory - \$150. Blue/white N.E. bullseye, exc - \$150. General Television 1A5, dk. brn/white trim, exc - \$135. Stromberg-Carlson 1500 red Bakelite - \$125. GE C400 midget, brown, hairline - \$80. Crosley 11-104U, stock black, exc - \$150. Mike Herman, 2-1731 Rockland Ave., Victoria, British Columbia, Canada V8S 1W6. (604) 595-2829

FOR SALE: TV/Auto Radio Controls, 1962, 126 page, Replacement Guide, Centralab, Clarostat, IRC, Mallory, original - \$15. Sales literature for Grundig, Telefunken, Nordmende, Hallicrafters, National. Send SASE, 2 stamps for list. Auto Radio Vibrator catalogs, 1950's, Mallory, James, ATR, Cornell-Dublier, Radiart - \$10 ea., plus postage. Ellsworth O. Johnson, 364 S. Coeur d'Alene St., Spokane, WA 99204. Phone/fax: (509) 838-2161

FOR SALE: Transistor Radio Photo Guides. Each guide packed with photos of all known collectible models of each brand. With model numbers and notes. Global/Zephyr, Standard, Realtone, Toshiba, and Sony are - \$7 ea. including postage. Regency booklet - \$10. Eric Wrobbel, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282

FOR SALE/TRADE: A Central Electronics Model 200V, the ultimate transmitter. Unit has 21 tubes w/CRT scope, bands 80-10 meters plus additional 1 MHz band, modes include LSB, USB, DSB, AM, CW, PM, FSK, broadbanded, no tuning required, asking - \$950. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Lafayette 250A amp, nice - \$125. Commodo SX64 early color portable computer, nice, works with book & working parts unit - \$75. Heathkit IT-18 transistor tester, like new, with book - \$50. Heathkit IT-5230, CRT tester & rejuvenator for color, black & white, like new with book - \$50. B&K 1075 TV analyst, nice, with book, slides - \$50. Victrola VV-VI, works, original - \$150. Victrola VV-IVA, works, original - \$150. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

RATE FOR ADDITIONAL WORDS:

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FOR SALE: Zenith Trans-Oceanic 8G005T21, vgc, plays well on all bands, complete wavemagnet antenna - \$95. Clyde Powell, 3822 Edwards Ter., Chattanooga, TN 37412. (423) 867-5022

FOR SALE: Brother Model 600D shirt pocket, exc cond., works - \$75. Emerson 555, red, exc cond. - \$75. Koyo Parrat, sub min. tubes, beautiful radio untested, chipped - \$175. L & M boys radio, near mint in box, horizontal - \$150. Plus postage. Kay Botzum, R.D. 2, Box 419, Morgantown, PA 19543. (610) 286-0047. Fax: (610) 286-5315

FOR SALE: Pictured in Stein: Airline 93-WG-542A, professional ivory repaint - \$120. Sonora TW49, brown, missing push button & wrong on/off knob - \$130. Silvertone 3061 beetle, problems but good display - \$110. Philco 52-940 - \$55. Silvertone 6002, black, top hairline - \$55. Fada, brown Bakelite, (p. 94 bottom left) - \$55. Fada 830, perfect Plaskon - \$130. RCA 96X13, brown w/o push buttons, small corner chip - \$190. Belmont 5D128, near mint - \$200. Fada 550 - \$50. GE 202 - \$30. Imperial, (ref. Trav-Ler p. 207 middle right) - \$40. These not in Stein: Emerson CG268 (Bunis 3) - \$55. Emerson 516 - \$40. Garod 5A1, black - \$50. Northern Electric midge, double bullseye, brown - \$150. Mike Stambaugh, 506 W. Springettsbury Ave., York, PA 17403. (717) 854-1368. E-mail: mlstam@cyberia.com

FOR SALE: Zenith Royal 500 cloth bag - \$15. Freshman Masterpiece with built-in horn - \$90. BC348-Q receiver - \$60. Hallicrafters SX-130 - \$70. Courier 23 plus CB - \$25. Eimac 304TH - \$25. Precision 10-60 tube tester - \$35. Beitman 1939 thru 1942, 1946 - \$8 ea. Rider's 23 - \$145. WE 2J25. Dud PL172 - \$12. Add UPS. Raymond Filozof, 339 Howertown Rd., Catsaqua, PA 18032. (610) 264-4733

FOR SALE: Hickok 810 and B&K 960 transistor radio analyzer - \$45 ea. + UPS. Allen Jochem, 2205 Broadway, Quincy IL 62301. (217) 223-6751

FOR SALE: Gorgeous Federal oriental table radio Mod 1050-T with handpainted scenery on all sides, a red front concealed radio pulls out from cabinet, a simply beautiful and elegant piece, (see E.O.R. 2, p. 93) - \$500. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Cathedrals: Philco 90 - \$300; AK 165 - \$250; Jackson-Bell Swan - \$250; Philco 37-610 tombstone - \$90. Novelties: Old Lager Barrel - \$150; Crosley 141 Books - \$250; Grebe MU-1, NT - \$225; Tower speaker, drum Repwood face & back, molded horn inside, rare - \$160; Radiola UZ 1325 horn, exc - \$150; Radiola III, NT - \$90. Stefan Ponek, 462 O'Farrell Dr., Benicia, CA 94510. (707) 747-9180. E-mail: sponek@aol.com

FOR SALE: Capacitors and capacitor rebuilding, Twist-loc and others. Capacitors for sale; electrolytics, metal poly, silver mica, ceramics, oil-filled xmtr, etc. Orders shipped same day received. All electrolytics are new stock. Call, write, fax, for free pamphlet. See our white canvas booth at Elgin. Everett Hoard, Frontier Capacitor, Box 218, Lehr, ND 58460. (710) 378-2341. Fax: (701) 378-2551

FOR SALE: Blabber Mouse on cheese radio (mouth moves with radio announcers!), looks, plays fine - \$25. Mini repro Crosley Mod 56TD-R, new in box - \$20. American Bosch Mod 515 untested, complete except for knobs - \$22. Philco Mod PT-4, ivory, looks plays fine - \$29. Old TV magnifier 14" dia. - \$24. GE Mod 200, looks & plays fine, same style as Mod 201, (G.A.R. 2, p. 84) - \$30. Joseph L. Gambaccini, 192 Division Ave., Shelton, CT 06404. (203) 924-0271

FOR SALE/TRADE: The following RCA microphones 77-D - \$1,050. PB-90 (resembles 44-B) with stand and radio station flag, looks beautiful. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Earl Radio 21/22 junker chassis and speaker - \$10 plus shipping. Donald Borowski, 4215 S. University Rd., Spokane, WA 99206. (509) 924-9680. E-mail: borowski@spk.hp.com

FOR SALE: Back issues of A.R.C. from '91-'96, sell as lot. Wilcox-Gay Recordio. Best Offer on both plus UPS. Lance Walker, 7116 Reedy Creek Rd., Charlotte, NC 28215. (704) 568-5379

FOR SALE/TRADE: Magnavox hi-fi receiver chassis CR190D, FM tuner chassis CR192E, 12" speaker 12C1310, ca. 1948, very good - \$75 plus UPS OBO. Paul Geraghty, 1245 Lyon Ave., Waterloo, IA 50702. (319) 233-3520

FOR SALE: Various early tubes, globe types, etc. Send stamp for free list to: Don Jackson, 1394 Dansey Ave., Coquitlam, British Columbia, Canada V3K 3H8

FOR SALE: Mono tuners: Scott 311D, w/case, vg+ - \$60. Brooks ST10, excellent, not working - \$35. Al Wirtenberg, 15 Wilson Rd., Weston, CT 06883. (203) 544-9270

I am not a dealer, but a serious collector and historian interested in all aspects of E. H. Scott.

Please contact me first if you are selling your E. H. Scott Radio, Select E-H RADIO tone Coils, World's Record Superhet, or Scott Transfor-mer Co. items.



Always interested in any E. H. Scott stock certificates, literature, and military sets.

**John T. Meredith
2462 Statonsburg Rd., Suite 152
Greenville, NC 27834 - (919) 551-1882**

FOR SALE/TRADE: Circa 1935, two Wright Decroster 12" talkie theater speakers Mod 107, need reconing - \$300. Two 12" Wright Decroster theater speakers Mod 305 in good condition - \$500. These are classic speakers and very powerful. They resemble the type used for early EH Scott and McMurdo Silver radio receivers. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Atwater Kent Model 10 (4340), original black paint, all Bakelite perfect, all original components, never restored - \$1,400. Ed Wilmart, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: AK Mod 10 and 10C. 3 organ speaker cabinets with amps, (one Leslie). **WANTED:** Need tube socket, one Bakelite knob with backplate and one coil for AK 10, coil has AK tag on top. Also 6973 tubes. Have trades. Thank you. Mike Fletcher, 1204 Cedar St., Niles, MI 49120. (616) 684-2174

FOR SALE: TeleMatic color TV jig, 35 adapters/data, does tube and transistor TVs - \$150. Charles A. Days, PO Box 80205, S. Dartmouth, MA 02748-0205. (508) 979-3758

FOR SALE: Atwater Kent 318 console, shadow-tuning (works!), beautiful orig. finish/grille cloth - \$350. Philco Predicta 21" table set - \$100. Will deliver either above to Rochester September meet, no ship. Horn speaker, model unknown, works and looks nice - \$75. Radiola IIIA, very nice, good transformers, needs a tube socket - \$120. Paul Ernst, 238 Meadow Ln., Webster, NY 14580. (716) 787-9879

FOR SALE: Small Japanese tombstone, 1930's, picture in July's Photo Review. Larry Stone, Rt. 3, Box 70D, Martinsburg, WV 25401. (304) 267-6721

FOR SALE: Transmitting tubes - SASE for list. Charles Stinger, W8GFA, 404 Ross Ave., Hamilton, OH 45013. (513) 867-0079. E-mail: w8gfa@aol.com

FOR SALE: RCA 77, type import mics, made in the 50s, brand new in box - \$80 includes shipping. Only (10) left. Mike Dupuis, 116 First Ave., Tuckerton, NJ 08087. (609) 296-4883

FOR SALE: Gernsback Electrical Experimenter mags. 1/1918-1/1919 bound set - \$20. Hickok 600A, needs fix, n - \$65. Grunow #566 & Philco 38-12, working - \$50 ea. Berlant Concertone tape recorders 2 mono transports w/preamps - \$200. Scott mono FM trr #310B - \$150. All + ship. Agreed? May's Electric Instruments, 1242 N. El Centro Ave., Los Angeles, CA 90038. Ph/fax: (213) 464-9179

FOR SALE/TRADE: Communications receivers: Drake, Collins, Hallicrafters, JRD, National, Panasonic, Zenith, etc. SASE to: Barry Durinda, 9 Elson St., Staten Island, NY 10314. (212) 235-4595

FOR SALE: General Radio 5-amp Variac - \$40. Hallicrafters S-40A, untested - \$75. Bogen CHB 35A PA amp - \$40. LMT Weekender French tube port. - \$30 + ship. Kustom V Lead S.S. guitar amp 35 WRMS. Robert Riddick, 33 Emily Ln., Ft. Myers Beach, FL 33931. (941) 463-8887

FOR SALE/TRADE: The following Hallicrafters receivers: Mod SX-42 - \$450; SX28 - \$475; S-20R - \$200; SX 62A - \$425; SX 62, needs work - \$250; S-40A - \$250; S-77A - \$225; S-36A - \$400; R46 speaker - \$75. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Atwater Kent 10C breadboard, complete, all original, no tags, good condition \$850. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (908) 725-7476

FOR SALE: Beautiful Mitchell 1101, near mint condition, works - \$1,500. Kay Botzum, R.D. 2, Box 419, Morgantown, PA 19543. (610) 286-0047. Fax: (610) 286-5315

FOR SALE: Transistors. Bulova 672, with box & case - \$50. Philco T7-126 - \$65. The following @ \$25/2: GE P807e, P800A, Motorola X29W (fliptop) X15A (rough). Tokai G110 AM/FM, Westinghouse H790P6, H697P7. The whole lot for \$145. Mike Stambaugh, 506 W. Springettsbury Ave., York, PA 17403. (717) 854-1368. E-mail: mlstam@cyberia.com

FOR SALE: Johnson Viking 250-23 matchbox 275w - \$100 plus shipping. Steve Slater, 3045 Orange, La Crescenta, CA 91214. (818) 248-0416

FOR SALE: Magnecord DST tape decks, two complete, 6 for parts, no electronics - \$75/lot. Joe Brady, Box 8 Star Rt., Huntingdon, PA 16652. (814) 643-0603



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FOR SALE: 1930's BC-375E, BC-212D, BC-347, BC-366, BC-456B, BC-624A, BC-625A, KS-7543 power unit. Dyna motors. Bill Coolahan, 1450 Miami Dr., NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE/TRADE: Pair of JBL Mod 375 theater drivers - \$800; (can also be used in Hartsfield horn speaker), Rola pedestal Re-creator speaker - \$300. Atwater Kent Mod H speaker - \$175. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

**NOTICE TO ALL
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OUR CLASSIFIED AD DEADLINE IS
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ON THE 10TH OF EACH MONTH**

FOR SALE: Zenith Trans-Oceanics. All are original, complete, and 100% cosmetically restored following procedures in Zenith Trans-Oceanic book by Bryant and Cones. 8G005-\$175; G500-\$195; H-500-\$185; A600-\$185; R600-\$185; Y600-\$185; B600L leather-\$250. Zenith color Trans-Oceanic repro ads-\$7 ea. Hammarlund HQ129X for sale or trade for Zenith wood radios. Frank J. Manzano, 82 Monhegan Ave., Oakland, NJ 07436. (201) 337-5263

FOR SALE: Cathedral RCA Model 128, 18" x 22" airplane dial, all original, nice, plays-\$300. Cathedral Philco 84B, all original, nice, plays-\$160. Catalin Emerson 20, all original, real nice, plays, brown, green dial-\$300. Town Crier by Guild, 2 1/2" high, 1/2 wood panel, wraparound brown fancy glass door, ring on top, plays-\$100. Two ribbon air fans, one is by Singer, runs-\$150 for sale or trade for radio. Dictograph loudspeaker unit, New York, nice-\$100. For trade on radio. Westinghouse 6 polished brass blades and cage 12", runs, Model 182885, stationary, real nice-\$200 trade or sale. Robbin & Myers 5 polished brass blades 9", finish real nice, runs, oscillates-\$150. RCA all nice tan leather case, as Zenith Oceanic, no marks on case, plays-\$100. Philmore black crystal set, plays, has glass dome over crystal, 6" x 8", has new metal bottom-\$65. Crosley 11-1250 light blue clock radio, exc nice, works, Bakelite-\$120. Zenith Y825, maroon Bakelite, ex-nice plays, finish nice-\$60. Zenith Trans-Oceanic 8G005YT, owned signed by doctor, ex-nice, works, original-\$110. Zenith Oceanic 500-11, nice, original, plays-\$120. Zenith 5M 0221, maroon plastic portable with handle, ends rounded, like new, works-\$65. Emerson 724 bright red plastic clock radio, plays, exc finish, 10"-\$65. Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

FOR SALE: (2) speakers: Stephens P52A, 15" co-ax-\$60. RCA 515S2, 15" duo-cone-\$25. D.G. Piacentini, 12 Joyce Rd., Plainview, NY 11803. (516) 935-8096

FOR SALE: Electro-Voice V-2A microphone-\$350. Drake 2-CQ-\$75. Heath EK-1 VOM-\$25. B-1 Balun coil-\$35. VF-1 VFO-\$60. DX-35-\$85. Others, request list, call/write. Richard Prester, 131 Ridge Rd., West Milford, NJ 07480. (201) 728-2454

FOR SALE: Drake AL-4-\$45. Sony TR-84-\$40. **WANTED:** Hallicrafters S-107, WR-3000, WR-4000. Mike Brillhart, 12551 Maiden Creek Rd., Abingdon, VA 24210. (540) 944-4387

FOR SALE: Transistors, N.I.B. Hormel Chili, Macaroni & Cheese, Star command robot, Lincoln convertible-\$25 ea. Arthur Kreitner, 2013 E. Belle Ave., Belleville, IL 62221. (618) 233-5610

FOR SALE: Hallicrafters SX111-\$75. Swan 350 with 117 w/power supply-\$175. R-11A & R-19 Aircraft Radio Corp. receivers-\$100. **WANTED:** Crosley book radios, AM Wonderbar car radio, Newsette transistor radio, space novelty radios. Shipping extra. Thanks. Robert White, 4077 E. Galbraith Rd., #379, Cincinnati, OH 45236

FOR SALE: Supporting Clinton? Follow the campaign on this Clinton radio - wood table with t.e., model unknown, think it's a 215, circa 1936, good condition. Tom Thumb radio collectors, how about a Tom Thumb typewriter to go with your radio collection? I have one in good condition - Make Offers. Willard Smith, 1802 13th St., Bedford, IN 47421. (812) 275-5670, eves.

FOR SALE/TRADE: Hallicrafters SX 17 Super Skydrer-\$400. Hallicrafters Sky Buddy S-19R-\$200. SX40A-\$175. S-36-\$485. S-20R-\$200. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Hickok tube tester Model TV-3 B/U-\$45. Signal generator AEI Model A200-\$35. Precision Model E-75-\$25. BK digital capacitor tester Model 820-\$45. Voice of Music recorder Model 729 4-track-\$35. United tape Ampex made UST-4-\$45. Webcor 2 track-\$15. Have many reel-to-reel recorders, tuners and Scott amps. Malcolm Canon, 449 E. Ventura Dr., Birmingham, AL 35235. (205) 836-7657

FOR SALE: Catalins. Emerson Patriot blue, mint! Emerson EP375 red, Fada 1000 yellow/red, Fada 700 yellow, Emerson 520. Beetle GE H500, Truetone Stratoscope. Transistors: Micronic Ruby SRH437 red, Bulova 672. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

FOR SALE: Longines Symphonette LMB-3030 all band, Porto Baradio 9008A, no glass-\$100 ea. Matt Kurzdorfer, 107 Falconer St., N. Tonawanda, NY 14120. (716) 695-0036

FOR SALE: Gambles Aircharger (like Zenith), 6-volt-\$385. Exide and Gould battery jars. Jim Dill, Box 5044, Greeley, CO 80631. (970) 353-8561

FOR SALE: Exceptionally nice Model SX-28 Hallicrafters receiver with matching speaker, also a Silver Marshall Around the World Tour, with coils. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253. (602) 947-1375

FOR SALE: Detroita 304, Philco's 89 and 47-204, other radios, tubes, parts, etc. 15 pages, LSASE. W.F. Horn, 13110 Marsh Rd., Bealeton, VA 22712. (540) 439-9781

FOR SALE: SX99-\$75. S-40-\$70 + shpg ea. (200) tubes, 7- and 9-pin-\$100 ppd. N.O.S. No junk! Pete Putra, 1429 Lawndale Ave., Racine, WI 53403. (414) 632-2543

FOR SALE: Police car transmitters receivers, 6-volt Motorola brand 50 years old, 2 pair working. Visit: Jim Brown, 7708 Main St., West Rushville, OH 43163. (614) 536-7322

FOR SALE: Telefunken Concerto-\$95. 110/220 130KVA conversion transformers-\$15. Original grille cloth for AK 165 with backing board-\$15. Zenith 50A1 tube N.I.B.-\$12. Large AR speakers-\$40/pair. **WANTED:** Pilot radios, any model, any condition. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803

FOR SALE: Radiola IV, NT-\$550. **WANTED:** Blue 199 tube dud OK. Greg Bogel, 312 Peg Run Rd., Cherry Tree, PA 15724. (814) 743-9028

FOR SALE: Emerson 439, Ingraham cabinet, nice, original finish, plays, similar to 440 pictured in Stein - \$175. Ed Wilmar, 593 W. 15th Pl., Chicago Heights, IL 60411. (708) 747-6423

FOR SALE: (12) E.H. Scott consoles for sale, including an Allwave 15 in a Lido. Call for info. We accept Visa and MasterCard. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am to 8 pm 7 days or fax only (612) 727-1908

FOR SALE/TRADE: Magnificent Kennedy XV made in St. Louis with (5) exposed tubes on slant-front design battery radio - \$795. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Mitchell 1102 - \$395. Sparton Bluebird - \$2,500. Zenith 9S367 - \$650. EH Scott AW23, Westminster front panel only - \$100. All F.O.B. Mpls. **WANTED:** McMurdo Silver radios, brochures, booklets, tubes. Don Hauff, PO Box 16351, Minneapolis, MN 55416. (612) 933-9070 or e-mail: DHauff@isd.net

FOR SALE: Cheap parts sets Philco 46-1263 console, Zenith 6G001Y, RCA 46X13, Emerson 543. Mark Gutekunst, 2600 Martin Rd., Willow Grove, PA 19090. (215) 657-8958

FOR SALE: Crosley Model 516, plays well, has been refinished - \$50 plus shipping. Dan Olson, E. 4913 Sumac Dr., Spokane, WA 99223. (509) 448-8828, after 5 pm

FOR SALE/TRADE: Sparton 4-6 tombstone, original, plays - \$150. Jesse French cathedral. GE A-53 tombstone - \$75. Majestic 90B, nice, plays - \$90. Philco 37-610 (Ramirez, p. 86), original, inop. - \$80. Zenith 10S153. Elgin delivery. **WANTED:** General Motors chassis No. S3A, S3B for my 252. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (313) 421-2076

FOR SALE: M-209 cipher machine with case and manual, like new - \$875. Will Jensby, 645 Giannini Dr., Santa Clara, CA 95051. (408) 296-6071. Fax: (408) 296-3224

FOR SALE: New military HF/MF dipole antennas. Includes balun/center insulator, coax. - \$33 ppd. Lowell Thomas, AA62D, PO Box 15026, Fresno, CA 93702. (209) 227-1605

FOR SALE: Electro-Voice Aristocrats (2) - \$375. Dyna PAS-2 - \$95. Fisher 50-F - \$45. Western Electric 9A - \$125. Marantz 2226B - \$145. Hallicrafters S-120 - \$85. Zenith Trans-Oceanic G500 - \$120. RCA 1-X52 - \$55. Apolec (Mission Impossible?) 3 in., 4-transistor tape recorder - \$65. Realtone TR-7637 3-in. tape recorder - \$45. Radios Master, 1953 - \$60. Heathkit 0-10 - \$35. Slide rules (2) - \$40. Elements of Radio, Marcus - \$15. Radio Eng. Handbook, Terman - \$17. Packing & shipping extra. Joel Camicia, 1811 N.E. 58th Ave., Portland, OR 97213-4103. (503) 287-7832

FOR SALE: 78 rpm record changer Webster-Chicago 176-27, N.I.B.O.S. - \$40 ppd 48. Robert Larson, 1325 Ridgeway, Medford, OR 97504

FOR SALE: Tombstones, Hallicrafters, National, radio, TV's, tubes, consoles, early test equipment, books & catalogs, etc. Gerald E. Perkins, RFD #2, Box 34, Milo, ME 04463-9605. (207) 943-5204

FOR SALE: DeWald A-502, good cond., 1/4" crack on rear top edge - \$600 or BO. Bill Cherenisky, 6 Kate Ln., Metuchen, NJ 08840. (908) 549-2165

MESSAGE: Seeking roommate to share my non-smoking room at Elgin Holiday Inn during Radiofest. Ralph Kemper, 297 27 3/8 Rd., Grand Junction, CO 81503. (970) 243-2576

MESSAGE: The Friends Directory is shipping! (See ad). New free listing, SASE, for 1997. Xtal Publishing, PO Box 253, Sandy, UT 84091-0253. (801) 571-5453

SERVICES: Rider/Sams Radio Schematics 1930-1970's - \$3 ppd. Send make/model to: Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94550. (510) 447-9365

SERVICES: Schematics 1920-1960, mailed or faxed - \$3 radios, \$4 TVs ppd. Robert Schrantz, 610 E. Juanita Ave., San Dimas, CA 91773. Phone/fax: (909) 394-1194

SERVICES: Radio Schematics & Advice 1920-1960 - \$3 ppd. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

SERVICES: Atwater Kent 165 replica grille fretwork - \$30, delivered to Elgin or Rochester. **WANTED:** General Motors TRF cathedral chassis. Greetings from 37.00.3S174.47.4E. Ian Sangster, 75 Anawhata Rd., Piha, New Lynn, 1250 New Zealand. Phone: (64) 9-8149597

FOR TRADE: Altec Model 250 tube studio console, McElroy auto keyer, and RCA 74 microphone. Michael Payne, 803 S. Taylor, Alvin, TX 77511. (713) 331-9217. Fax: (713) 585-2727. E-mail: we300b@aol.com

FOR TRADE: My Zenith Trans-Oceanics for your horns or battery sets or Deco consoles. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR TRADE: My mint old stock vacuum tubes for your vintage microphones. Many rare tubes. Mike States, Box 81485, Fairbanks, AK 99708. Ph/fax: (907) 456-3419

FOR TRADE: Rider's Radio #7, 8, 11, 13, 14 for #19, 22, 23. Mark S. Rauber, PO Box 1077, Minden, NV 89423. (702) 782-3596

FOR TRADE: Transistor radios for factory prerecorded 7" reel-to-reel tapes. Phil Vaccaro, 2581 Pond Ave., Maplewood, MN 55119. (612) 897-4931

HELP: Missing rear leg for Predicta barber pole TV #G4654. This leg protrudes from rear base of the TV. Looking for documents/diagrams which help me recreate this piece per the original. If you have an original/exact reproduction of this piece, that's even better. What can you offer me? David E. Polott, PO Box 139, Albertson, NY 11507-0139. (718) 343-9026

HELP: Looking for a junked RCA 140. Mark M. Murphy, 1400 Chicago Ave., #208, Evanston, IL 60201. (847) 328-5036

HELP: Need info on Freshman Master B power supply. Need Rider's TV 14. Randy Call, 4091 So. State St., Salt Lake City, UT 84107. (801) 266-5301

HELP: Please, manual or copy of: Heath o-scope Model #iob-18-3. J.R. Manninen, RR1, Box 157, Hancock, MI 49930. (906) 487-5571

HELP: What does Jackson Bell 62 swan, grille cloth look like? Richard Arnold, Box 275, Lone Grove, OK 73443. (405) 657-3319

HELP: Need field telephone Kellogg Mod 1914. Please write to: Orlandini Iginio, Via Lessing, 10, 00137 Roma, Italy

MESSAGE: Scott Philharmonic speaker. Will the gentleman who called me on the speaker please call back. Thanks. John T. Meredith, 2462 Stantonsburg Rd., Suite 152, Greenville, NC 27834. (919) 551-1882

MESSAGE: Radio collector, Sylmar/Santa Clarita, Ca. Thank you for Capehart 405 information. Clyde Watson, 8311 Via de Sereno, Scottsdale, AZ 85258

MESSAGE: Do you collect antique phonographs or 78 rpm records? Then check out our website at www.78rpm.com/ for a listing of vintage record and phonograph collector publications, plus the world's premier vintage 78 rpm & cylinder phonograph record auction. Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389-3643

SERVICES: Authorized Hickok contact person. Specializing in instrument-repair & calibration. All major makes including kits & military. (Service that satisfies.)
FOR SALE: Hickok radio & TV test equipment. Hickok 123R Cardmatic with 500+ cards, manual, very clean \$185 + S&H. Hickok 156 indicating traceometer, very rare - \$175. Hickok 6000A tube tester, mint cond. - \$195. Other Hickok radio & TV test equipment such as 288X, 610, marker adders, maker & calibration sig. gens. Over (200) pieces of test equipment in stock. Some for as little as \$25. Most all w/manuals. Radio Rider's 1-5 Abridged & 6-14, all for - \$195. Obsolete & foreign tube test data, technical & operator's manuals for commercial & military instruments. **WANTED:** Clean & complete radio test equipment, need not work. Special needs Hickok 539B parts unit w/good meter movements, also clean 539C Hickok, need not work. Clean AN/USM 118B with cards & card carrier case. Hickok 209A-B VTVM Radio Rider's #7 & #16-#18 - \$19. Let's keep the filaments lit. Thanks. Wendell E. Hall, 3 Mockingbird Cir., Jeffersonville, IN 47130. (812) 282-9709

SERVICES: Repair of TV-7 tube testers w/calibration: I will fix and then verify calibration of your TV-7 tube tester for \$45 plus all shipping or return it no charge. Daniel Nelson, 1025 E. Desert Ln., Phoenix, AZ 85040. (602) 243-7421, evenings. E-mail: djxn@indirect.com

SERVICES: Don't strip it ship it! Expert stain matching, shading and spot repair or total refurbishing with an original appearance. Mark Toppo, 5127 West Kings Ave., Glendale, AZ 85306. (602) 439-3556

SERVICES: Rider Radio Schematics, 1930 through 1950's. Includes alignment data. Send \$3 with make, model and SASE to: George M. Bonanno, WA2KPE, 34 Charles St., Clifton, NJ 07013. (201) 746-5953

SERVICES: Radio schematics & service info, 1920-1960 - \$2.50 + SASE. Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. (908) 269-2022, days

SERVICES: Reputable collector offering affordable delivery services to major radio meets or your home. Ed Sage, PO Box 13025, Albuquerque, NM 87192. (505) 298-0840

SERVICES: Thousands of vintage manuals available. Get new Catalog 7. Send (3) 32¢ stamps. P.A. Markavage, The Manual Man, 27 Walling St., Sayreville, NJ 08872. (908) 238-8964

FOR TRADE: Airline 74BR1502B (Bunis 2, p. 17) for cathodal. Need: GE wood flower pedal knobs. Richard Arnold, Box 275, Lone Grove, OK 73443. (405) 657-3319

FOR TRADE: My Mullard, Amperex, RCA rare N.O.S. tubes for your microphones. Mike States, Box 81485, Fairbanks, AK 99708. Ph./fax: (907) 456-3419

FOR TRADE: Partial set original glassware for radiobar console for your Stromberg-Carlson 2A horn or N.I.B. 6U5/6G5 tubes. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

HELP: Need schematic and construction manual for Precise Model 300 Series B oscilloscope. Pat Riffey, 147 Fairground Rd., Woodstock, VA 22664. (540) 459-3933

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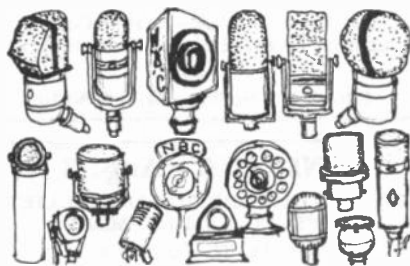
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HELP: Need manual (copy OK) and termination unit for General Radio 805C signal generator. Lane Upton, 11284 Clinton Bar Rd., Pine Grove, CA 95665. (209) 223-4638

HELP: Information about 1952 Shaw televisions, no Sams. Address of anyplace displaying early televisions. Fred Ringwald, MSC #293, PO Box 901, Elmendorf AFB, AK 99506. (719) 495-0384



WANTED

FOR MY BROADCASTING MUSEUM

Microphones, stands, call letter plates. Tube amplifiers, mixers, compressors, Hi-Fi equipment. Speakers, on-air lights, equalizers. Disk, wire & tape recorders. Blank recording disks. Catalogs, magazines, manuals. 16" transcriptions, turntables, arms, pickups. Early TV cameras & receivers. Elaborate console, deco, plastic, mirror, novelty & wireless radios. Jukeboxes & parts. Acoustic phonographs.

We are looking for all makes of equipment, and especially Western Electric, Telefunken, Neuhann and RCA. The museum contains various duplicates and items surplus to our needs, and many of these articles are available for sale or trade. The collection is located in my Victorian seaside inn, The Caffrey House, situated on a bay next to the ocean, in the Southampton resort area of Long Island. A trade of equipment for a stay at the hotel is always encouraged.

Robert Van Dyke, 2 Squires Ave., East Quogue NY 11942
516-728-9835



ARKANSAS - Aug. 1

**ANTIQUÉ RADIO COLLECTORS CLUB
OF FORT SMITH
CLUB MEETING**

Fort Smith, AR - St. Luke Lutheran Church
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" Street
Fort Smith, AR 72904 - (501) 782-8178

LOUISIANA - Aug. 4

**LOUISIANA/GULF COAST ANTIQUE
RADIO CLUB - MEET**

Mandeville, LA - Mandeville High School
1-4 pm

Info: Phil Boydston, 640-18 Tete Lours
Mandeville, LA 70471 - (504) 845-0867

TEXAS - Aug. 2-3

**HOUSTON VINTAGE RADIO ASSN.
SUMMER MEGA AUCTION**

Houston, TX - Lal Lal Banquet Room
Tides II Hotel, 6700 S. Main St. - (713) 522-2811

Aug. 2: 3 pm - Registration
7-10:30 pm - Auction

Aug. 3: 8:30 am - Registration
12 am-5 pm - Auction

Info: Bill Werzner - (713) 721-2242, or
E-mail: mingqi53@earthlink.net

NEW YORK - Aug. 4

**GREATER NEW YORK VINTAGE
WIRELESS ASSN. - SWAP MEET**

Lake Ronkonkoma, NY - 367 Hawkins Ave.
N. of L.I. Expressway, lg. white house
9-12 am

Info: Chris Lieppert - (516) 471-9526, or
Chris Bacon - (516) 821-7618

WASHINGTON - Aug. 4

**VINTAGE AUDIO LISTENERS AND
VALVE ENTHUSIASTS - MEETING**

Poulsbo, WA - Classic Radio
1127 N.W. Bright Star Ln.

10 am-2 pm

Info: Dan Schmale - (360) 697-1936

CALIFORNIA - Aug. 3

**CALIF. HISTORICAL RADIO SOCIETY
SWAP MEET**

Los Altos Hills, CA - Foothill College
upper lot T - exit El Monte W. off Hwy. 280
8 am

Info: CHRIS Hotline - (415) 978-9100

VIRGINIA - Aug. 7

**TIDEWATER ANTIQUE RADIO ASSN.
MEETING**

7 pm - Call for location & directions

Info: Phil Stroud, 2328 Springfield Ave.
Norfolk, VA 23523 - (757) 481-2561, pms

INDIANA - Aug. 3

**INDIANA HISTORICAL RADIO SOCIETY
SPECIAL SUMMER MEET**

Noblesville, IN - Forest Park Inn
northwest of Noblesville on State Road 19

7 am-3 pm

Info: Michael Feldt - (317) 844-0635 after 8 pm

ARKANSAS - Aug. 8

**ARKANSAS ANTIQUE RADIO CLUB
MEETING**

Little Rock, AR - Call for location
7 pm

Info: Tom Burgess - (501) 455-0773

WASHINGTON - Aug. 3

**RADIO ENTHUSIASTS OF PUGET SOUND
MEETING**

Seattle, WA - Queen Anne Library
400 W. Garfield

2 pm

Info: REPS, 9936 NE 197th Street
Bothell, WA 98011 - (206) 488-9518

TEXAS

**NEW CLUB FORMING
TEXAS ANTIQUE RADIO CLUB**

Info: Joe Koester, 7111 Misty Brook
San Antonio, TX 78250-3498 - (210) 522-1662

NEW JERSEY - Aug. 9

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ - Grace Lutheran Church
West Main St. & Park Ave. (old Rt. 33)

7:30-9:30 pm - Meeting & Swap

Info: Don Cruse - (908) 542-2848

Tony or Kathleen Flanagan - (908) 462-6638

MISSISSIPPI - Aug. 11

MISSISSIPPI HISTORICAL RADIO & BROADCASTING SOCIETY MEETING

Meridian, MS - 2412 C Street
3 pm

Info: Randy Guttery, 2412 C. Street
Meridian, MS 39301 - (601) 693-5958

CALIFORNIA - Aug. 10

PERHAM FOUNDATION FOOTHILL FLEA MARKET

Los Altos, CA - Foothill College
Parking Lot A

6 am-2 pm

Info: Perham Foundation - (408) 734-4453

GEORGIA - Aug. 12

SOUTHEASTERN ANTIQUE RADIO SOCIETY MEETING

Norcross, GA - Picadilly Cafeteria
3400 Holcomb Bridge Road

6 pm - Mini-Meet

6:30 pm - Meeting

Info: Charles Pierce - (770) 886-8018, or
SARS, PO Box 500025 - Atlanta, GA 31150

NEW YORK - Aug. 10

NIAGARA FRONTIER WIRELESS ASSN. ANTIQUE WIRELESS ASSN. MEET

Amherst, NY - Amherst Museum
From Exit 49 of NY Thruway,

take Rt. 78 North 9 miles,
go West on Tonawanda Creek Rd., &
proceed West 2 miles to New Rd.

8:30 am - Gate opens

12:30 pm on - Museum radio exhibit open,
Dex Deeley will talk on Tuska

Flea Market all day - Contest
3 Auctions, one w/estate items

Info: Larry Babcock - (716) 741-3082, or
Gary Parzy - (716) 668-2943

ILLINOIS - Aug. 12

BELLEVILLE AREA ANTIQUE RADIO CLUB MEETING

Belleville, IL - Belleville Area College
7 pm

Info: Karl Stegman, 4 Cresthaven Drive
Belleville, IL 62221 - (618) 234-7992

CALIFORNIA - Aug. 13

CALIF. HISTORICAL RADIO SOCIETY NORTH VALLEY CHAPTER - MEETING

Redding, CA - 7 pm

Info: Chris Galantine, 15853 Ontario Place
Redding, CA 96001-9785 - (916) 244-2337

OHIO - Aug. 10

SOCIETY FOR PRESERVATION OF ANTIQUA RADIO KNOWLEDGE SUMMER SWAP MEET

Columbus, OH - DeVry Institute of Tech
parking lot, 1350 Alum Creek Dr., I-70 Exit 103B

8 am-12 Noon

Info: Sharon/Ken Fullerton - (614) 237-2621

MISSOURI - Aug. 13

ANTIQUA RADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS - MEETING

St. Louis, MO - Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7 pm

Info: Scott Teichmann, 103 Pleasant St.
Jerseyville, IL 62052
(314) 256-6263

OKLAHOMA - Aug. 10

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - P.W.A. 7100 N.W. 63rd
Suite 1010, Conference Room
Willey Post Airport Complex

7 pm - Meeting: Radio Books, Ads & Signs

Info: Jim Collings - (405) 755-4139, after 6 pm

Mike Lapuzza - (405) 745-3394, after 7 pm

OKVRC, PO Box 332,

Wheatland, OK 73097-0332

OHIO - Aug. 13

ANTIQUA RADIO COLLECTORS OF OHIO MEETING

Kettering, OH - National City Bank Basement
4100 Far Hills Ave., at Stroop Rd.

7:30 pm - 1930s Radios/Elections

Info: Ed App - (513) 865-0982
ARCO, PO Box 292292, Kettering, OH 45429

MARK YOUR CALENDAR

Aug. 1 - AR, Fort Smith - ARCCFS Meeting \$*
Aug. 2-3 - TX, Houston - HVRA Auction*
Aug. 3 - CA, Los Altos Hills - CHR5 Swap Meet*
Aug. 3 - IN, Noblesville - IHRS Summer Meet*
Aug. 3 - WA, Seattle - REPS Meeting \$*
Aug. 4 - LA, Mandeville - LGCARC Meet*
Aug. 4 - NY, Lake Ronkonkoma - GNYVWA \$*
Aug. 4 - WA, Poulsbo - VALVE Meeting \$*
Aug. 7 - VA, TBA - TARA Meeting \$*
Aug. 8 - AR, Little Rock - AARC Meeting \$*
Aug. 9 - NJ, Freehold - NJARC Meeting \$*
Aug. 10 - CA, Los Altos - Perham Flea Market*
Aug. 10 - NY, Amherst - NFWA Summer Meet*
Aug. 10 - OH, Columbus - SPARK Swap Meet*
Aug. 10 - OK, Okla. City - OKVRC Meeting*
Aug. 11 - MS, Meridian - MHR&BS Meeting \$*
Aug. 12 - GA, Norcross - SARS Meeting \$*
Aug. 12 - IL, Belleville - BAARC Meeting \$*
Aug. 13 - CA, Redding - CHR5-NVC Meeting*
Aug. 13 - MO, St. Louis - ARCH Meeting \$*
Aug. 13 - OH, Kettering - ARCO Meeting \$*
Aug. 13 - PA, Souderton - DVHRC Meeting \$*
Aug. 13 - TX, Houston - HVRA Meeting \$*
Aug. 17 - CA, Canoga Park - SCARS Meeting*
Aug. 17 - IN, Elkhart - IHRS Swap Meet*
Aug. 17 - OH, Dayton - ARCO Swap Meet/Show*
Aug. 17 - TX, Irving - VRPS Swap Meet \$*
Aug. 17, 23 - WV, Huntington - Museum Classes*
Aug. 18 - MD, Burtonsville - MAARC Meeting \$*
Aug. 18 - NM, Albuquerque - NMRCC Meeting \$*
Aug. 18 - WA, Seattle - PSARA Swap Meet \$*
Aug. 20 - CA, N. Highlands - SHRS Meeting \$*
Aug. 21 - OH, Cincinnati - SPARK Meeting \$*
Aug. 21 - OH, Columbus - SPARK Meeting \$*
Aug. TBA - NY, TBA - HARPS Meeting \$*
Aug. 25 - NE, Holdrege - NARCC Meeting*
Aug. 26 - AL, Birmingham - ALHRS Meeting \$*
Aug. 27 - OH, Kettering - SPARK Meeting \$*
Aug. 28-31 - IL, Elgin - ARCI Radiofest 1996*
Sep. 4-7 - NY, Rochester - AWA Conference*
Sep. 8 - CO, Denver - CRC 5th Auction*
Sep. 8 - IA, Dubuque - IARCHS 3rd Radiofest*
Sep. 11 - Ontario, Ottawa - OVRC Meeting*
Sep. 14 - CA, Fairfield - CHR5 Picnic/Meet*
Sep. 14 - Ontario, Guelph - LVRC Flea Market*
Sep. 14 - OR, Portland - NWVRS Meeting \$*
Sep. 14 - RI, E. Greenwich - Museum Steam-up
Sep. 21-22 - UK, Harpenden - BVWS Event*
Sep. 22 - WV, Huntington - Museum Radio Drama
Sep. 29 - CT, Plainville - CVRS Show/Sale
Oct. 5 - CA, Redding - CHR5/NVC Meet
Oct. 5-6 - GA, Atlanta - SARS Atlanta 1996*
Oct. 5 - KY, Lexington - MSARC Swap Meet
Oct. 5 - OR, Portland - NWVRS Show/Sale
Oct. 6 - MI, Grand Rapids - MARC Swap Meet
Oct. 12 - IN, Greenfield - IHRS Swap Meet
Oct. 12 - KS, Kansas City - MAARC Auction
Oct. 12 - NY, Highland Falls - HARPS Meet
Oct. 13 - MD, TBA - MAARC Picnic
Oct. 19 - CA, San Diego - SCARS Meeting
Oct. 19-20 - OH, Brunswick - BARPC Show
Oct. 19 - WV, Huntington - Show/Auction
Oct. 20 - KS, Oberlin - NARCC Meeting
Oct. 25-27 - TX, Irving - VRPS Convention '96*
Oct. 26 - NH, Nashua - NEARC Swap Meet
Nov. 2 - CA, Los Altos Hills - CHR5 Swap Meet
Nov. 10 - CO, Denver - CRC Meeting \$
† Nov. 15-16 - CA, Los Angeles - SCARS Meet
Dec. 1 - UK, London - NVCF Xmas Special
Dec. 8 - WV, Huntington - Museum Banquet

* See expanded listing this month. \$ Monthly Meeting
† Date changed from original announcement

Enclose a SASE when requesting info.

PENNSYLVANIA - Aug. 13

DELAWARE VALLEY HISTORIC RADIO CLUB
MEETING - SWAP MEET - AUCTION

Souderton, PA - 113 Main St.,
N. Penn Amusements Bldg.

7:30 pm

Info: DVHRC, PO Box 41031, Philadelphia,
PA 19127-0031 - Mike Koste - (215) 646-6488

TEXAS - Aug. 13

HOUSTON ANTIQUE RADIO ASSN.
MEETING

Houston, TX - Tides II Motel
Lai Lai Restaurant, Holcombe & Main St.

7-10 pm

Info: David Moore - (713) 485-1705

CALIFORNIA - Aug. 17

SO. CALIF. ANTIQUE RADIO SOCIETY
MEETING

Canoga Park, CA - 8130 Remmet Ave.

7-10 am - Swap Meet only

Super 8 Motel - (818) 883-8888

Info: Jim Webb - (818) 769-6738

INDIANA - Aug. 17

INDIANA HISTORICAL RADIO SOCIETY
ELKHART SUMMER SWAP MEET

Elkhart, IN - High Dive Park
Pavillon Parking Lot, 500 E. Beardsley Ave.

7:30 am - Swap & Shop

9:30 am - Enter Contest Items

10:30 am - Enter Silent Auction items

10:30 am - Contest voting begins

11:30 am - Silent Auction ends

12 am - Potluck dinner; Contest judging

12:15 pm - 50/50 Raffle Drawing

1 pm - Business Meeting & Contest results

1:30-3 pm - Swap & Sell

Old Equipment Contest - 6 Categories:
Radios of the 20s, 30s, 40s, 50s (incl. xstrs),
Advertising items, Your favorite radio

Info: Doug McIntosh - (219) 264-4658

Terry Garl - (229) 679-4280

OHIO - Aug. 17

ANTIQUÉ RADIO CLUB OF OHIO
6th ARCO ANTIQUÉ & COLLECTIBLE SHOW

Dayton, OH - Holiday Inn So., 2455 Dryden
Rd., I-75 Exit 50A - (513) 294-1471

8 am-1 pm - Show/Swap Meet (inside & out)
1-3 pm - Auction

Raffle of 4 Antique Radios - Door Prize

Info: Ed App - (513) 865-0982

Randy Frasure - (513) 253-4330

TEXAS – Aug. 17

VINTAGE RADIO & PHONO. SOCIETY SWAP MEET

Irving, TX – Senter East Building

8 am-12 Noon

Info: George Potter – (214) 315-2553

CALIFORNIA – Aug. 20

SACRAMENTO HISTORICAL RADIO SOCIETY – MEETING

N. Highlands, CA – SMUD Foothill Service
Center, Room D, 5026 Don Julio, 1 mi. W. of I-80
7-9 pm

Info: SHRS, PO Box 162612, Sacramento
CA 95816, or Don Steger – (916) 929-8274

W. VIRGINIA – Aug. 17, 23

MUSEUM OF RADIO & TECHNOLOGY RADIO REPAIR/RESTORE CLASSES

Huntington, WV – 1640 Florence Ave.

Aug. 17: 10-12 am – Basic Electronics &
Radio Repair Class w/Lloyd McIntyre

Aug. 23: 7 pm – Cabinet Restoration -
Bakelite and Catalin

Info: Museum, 1640 Florence Ave.
Huntington, WV 25701 – (304) 453-2915

OHIO – Aug. 21

SOCIETY FOR PRES. OF ANTIQUE RADIO KNOWLEDGE/CINCINNATI CHAPTER MEETING

Cincinnati, OH – Richards Radio & TV
4041 Edwards Rd., I-71, Exit 6

7:30 pm

Info: Tim Kaiser, PO Box 81
Newport, KY 41071 – (606) 441-2548

NEW YORK – Aug. TBA

HUDSON VALLEY ANTIQUE RADIO AND PHONO. SOCIETY/AWA – MEETING

Date & place to be announced

Info: HARPS, Box 207, Campbell Hall,
NY 10916 – Peter DeAngelo – (914)
496-5130, or Art Kingsley – (914) 446-4091

OHIO – Aug. 21

SOCIETY FOR PRES. OF ANTIQUE RADIO KNOWLEDGE/COLUMBUS CPT. – MEETING

Columbus, OH – DeVry Institute of Tech.
1350 Alum Creek Road, I-70 Exit 103B

7:30 pm

Info: Sharon/Ken Fullerton – (614) 237-2621

MARYLAND – Aug. 18

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Burtonsville, MD – New Hope Seventh Day
Adventist Church gym

2 pm

Info: Sam Cannan, 1010 Siske Road
Stony Creek, MD 21226 – (410) 255-7728

NEBRASKA – Aug. 25

NEBRASKA ANTIQUE RADIO COLLECTORS CLUB – MEETING

4 mi. North of Holdredge, NE – KRVN
Transmitter Site

1 pm – Meeting & Swap Meet

Info: Steve Morton, 905 West First
North Platte, NE 69101

NEW MEXICO – Aug. 18

NEW MEXICO RADIO COLLECTORS CLUB MEETING

Albuquerque, NM – Sierra Vista Bible
Church, 7509 Paseo Del Norte

1:30 pm – Catalin

Info: Bill Schultz, 7213 Donet Ct. NE
Rio Rancho, NM 87124 – (505) 867-8178

ALABAMA – Aug. 26

ALABAMA HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL – Homewood Public Library
1721 Oxmore Road

7 pm

Info: Earl Ridolphi, 2413 Old Briar Trail
Birmingham, AL 35226 – (205) 823-3314

WASHINGTON – Aug. 18

PUGET SOUND ANTIQUE RADIO ASSN. 14th ANNUAL SWAP MEET

N. Seattle, WA – Shoreline Museum Parking
Lot, 749 No. 175th St. & Linden Ave.

9 am-1 pm

Info: Al Atworth, PO Box 125
Snohomish, WA 98291-0125 – (360) 568-2698

OHIO – Aug. 27

SOCIETY FOR PRESERVATION OF ANTIQUARIAN RADIO KNOWLEDGE – MEETING

Kettering, OH – Cassano's Pizza
1680 E. Stroop Rd.

7:30 pm

Info: Richard Arter – (513) 932-7721, eves.

ILLINOIS - Aug. 28-31

ANTIQUE RADIO CLUB OF ILLINOIS RADIOFEST '96

Elgin, IL - Holiday Inn Holldome &
Convention Center, 345 River Rd.: (708) 695-5000

Aug. 28: All Day - Open-air Flea Market

Aug. 29: All Day - Open-air Flea Market

10 am-4 pm - Muchow Museum open

12 am - Contest viewing

2 pm - Presentation

6:30 pm - Awards Banquet w/Chicago's
Dixieland trio The Banjo Buddies

Aug. 30: All Day - Open-air Flea Market

9 am - Presentation

10:30 am - Auction check-in begins

3:30 pm - Main Auction

Aug. 31: Until Noon - Open-air Flea Market

10 am - Giant Donation Auction

Aug. 29-31: Multi-media display room open

Pack and ship services on premises

Info: Jeff Aulik, 1708 Parkview Ave.

Rockford, IL 61107 - (815) 399-1902

IOWA - Sep. 8

IOWA ANTIQUE RADIO CLUB & HISTORICAL SOCIETY - 3rd IOWA RADIOFEST

Dubuque, IA - Dubuque County Fairgrounds

8 am-2 pm - Radiofest

2:30-3:30 pm - Meeting

Info: Dennis Hilberg, 804 Ravine St.

Decorah, IA 52101 - (319) 382-2012

COLORADO - Sep. 8

COLORADO RADIO COLLECTORS 5th ANNUAL AUCTION

Denver, CO - SouthWest Bank Building
1380 South Federal, Bank Parking Lot

11 am - Registration; 1 pm - Auction

Radios, Televisions, Test Equipment

Speakers, and "Stuff" Expected!

Info: Rick Ammon - (970) 221-4001

ONTARIO - Sep. 11

OTTAWA VINTAGE RADIO CLUB MEETING

Ottawa, Ontario - Ottawa Citizen
Conference Room, 1101 Baxter Road

7 pm

Info: Tom Devey, 810 Edgeworth Ave.

Ottawa, Ontario K2B 5L5 - (613) 828-5152

NEW YORK - Sep. 4-7

ANTIQUE WIRELESS ASSOCIATION 35th HISTORICAL RADIO CONFERENCE

Rochester, NY - Thruway Marriott Hotel
Easy access from New York State Thruway

(I-90), I-390, or Rochester Airport

(716) 389-8300

Theme: 100 Years of Atwater Kent

3-acre Flea Market

Old Equipment Contest/Exhibit

Grand Banquet with "Baby Snooks" old
radio show recreated, period music by

"Boogie Woogie Girls" w/pianist Ed Clute

AWA Museum open w/expanded hours

Book Fair extended to 4 days

Sightseeing Excursion

Ladies' Luncheon & Program

4 Auctions: Communications Equipment,
Tubes, Literature, and General, (including

consoles!); please bring an item to be

donated for sale in the auction - proceeds
to AWA building Fund.

Programs: Atwater Kent, Master Marketer;
The Legacy of the Fleming Valve - Vacuum

Tubes of the American Marconi Co.;

Amateur Radio Activities; RCA at

Riverhead; News for SWLs; Key &

Telegraph; Pre-1912 Wireless &

Electrical Equipment - bring items for
display & identification; Museum of Radio
& Technology, an overview.

Info: AWA, Box E, Breesport, NY 14816

Secretary's phone - (607) 739-5443

[If you can go to only one meet,

make it to this one. Editor]

CALIFORNIA - Sep. 14

CALIF. HISTORICAL RADIO SOCIETY PICNIC/MEET

between Rio Vista & Fairfield, CA - Hiway 12
Western Railroad Museum

8 am

Info: CHRS Hotline - (415) 978-9100

ONTARIO - Sep. 14

LONDON VINTAGE RADIO CLUB 8th ANNUAL FLEA MARKET

Guelph, Ontario - Royal Canadian Legion
919 York Road (Highway 7 East)

9 am-2 pm

8-10 am - Breakfast available

12:30 pm - Auction Sale

Indoor/outdoor spaces - Lunch available

Info: Dave Noon, VA3DN, 19 Honeysuckle Cr.
London, Ontario N5Y 4P3 - (519) 453-2292

Submission Deadline - 5th of month.

*Attend a radio event near you,
learn, meet others in the hobby,
and perhaps find an item or
two for your collection!*

OREGON - Sep. 14

NORTHWEST VINTAGE RADIO SOCIETY MEETING

Portland, OR - NW Vintage Radio Museum
7675 SW Capitol Hwy.

10 am - Meeting

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 - (503) 654-7387

ENGLAND - Sep. 21-22

BRITISH VINTAGE WIRELESS SOCIETY 20th ANNIVERSARY EVENT

Harpenden, Hertfordshire, England -
Harpenden Halls

Sep. 21: 11 am-6 pm - 1-Day Exhibition of
Telegraphy, Wireless & TV from the 19th
Century to the Era of the Transistor -
Auction - Rare Valve Display -
Hertz, Marconi and Baird Presentations -
Vintage Amateur Radio Station

Sep. 22: 10 am-5 pm - Swap Meet -
Restoration Contest - "Bring and Buy" Stall

Info: Ken Tythacott, 21 Barrett Rd.
Fetcham, Surrey, England KT22 9HL
Tel.: 01372 452569

SOUTH FLORIDA

NEW CLUB FORMING

SO. FLA. ANTIQUE RADIO COLLECTORS

Info: Thomas Valenti, 1717 N. Bayshore Dr.
#1251, Miami, FL 33132 - (305) 536-2224

INDIANA

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Ligonier, IN - Ligonier Visitors Center
2 blocks N. of US 6, US 33, & State Rd. 5

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Info: Fred M. Schultz, 800 S. Lincolnway
Ligonier, IN 46767 - (219) 894-9000

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Joplin, MO 64801 - (417) 659-8140

Please include date, time, place, directions,
& information/contact person.

SUBMISSION DEADLINE
5th OF MONTH

GEORGIA - Oct. 5-6

SOUTHEASTERN ANTIQUE RADIO SOCIETY - ATLANTA 1996

Atlanta, GA - North Atlanta Community
Center, 1 block off I-75 at Northside Dr.

7 am - Entry

8 am - Flea Market opens (for 1 1/2 days)

Guest Speakers - Zenith Radios Display
Contest - Radio Raffle - Lunch on site

Info: Bill Johnson - (404) 355-6308, or
Steve Davis - (770) 413-2265

TEXAS - Oct. 25-27

VINTAGE RADIO & PHONO SOCIETY ANTIQUE WIRELESS ASSOCIATION CONVENTION '96

Irving, TX - Holiday Inn DFW Airport South
4440 W. Airport Freeway

VRPS Rates: (214) 399-1010

Auctions - Programs - Flea Market

Contest - Awards Banquet

Info: VRPS, PO Box 165345

Irving, TX 75016

FLORIDA

NEW CLUB FORMING - TREASURE COAST ANTIQUE WIRELESS CLUB

For coastal area from Melbourne to Stuart

Info: Milt Faivre, K4EBT, 1445 2nd Rd. SW
Vero Beach, FL 32962 - (407) 778-0642

QUEBEC

NEW CLUB FORMING - QUEBEC SOCIETY FOR VINTAGE RADIO COLLECTORS

Info: Orn Arnason - (514) 243-6934, or

QSVRC-Radiophile Quebec,

c/o Micheal Morin, 799 St. Etienne St.

Granby, Quebec, Canada J2G 9N8

Although non-members are welcome at all
events, joining may be required at some.
Admission is charged at some events.

A free* listing on these pages is available for
each coming radio event. Sponsors should
provide description of event, date, time,
place, directions, & information/contact
person. Since listings are on a "space avail-
able" basis, no guarantee of listing is made.

Submission Deadline - 5th of month.

*Club/museum/non-profit events are listed
free; other events are obtained from adver-
tisements placed elsewhere in A.R.C.

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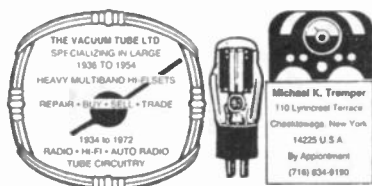
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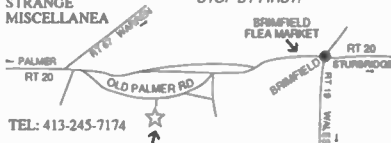
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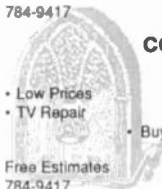
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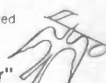
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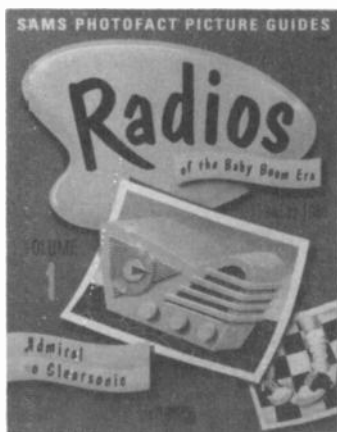
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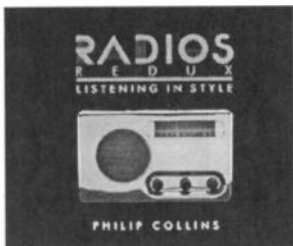


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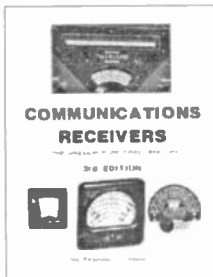
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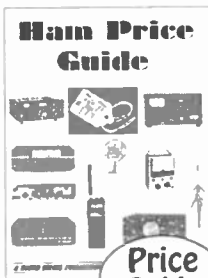
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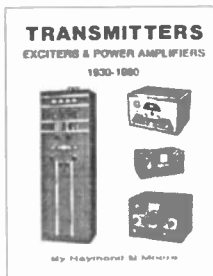
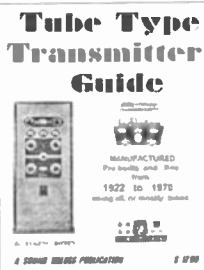


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- Old Gramophones, Bergonzi. *The development of phonographs and gramophones.* 64 photos. 32 pgs. NEW \$4.95
- Old Radio Sets, Hill. *The development of the radio from the late Victorian era until the late 60s.* 60 photos 32 pgs. NEW \$4.95
- Old-Time Radios! Restoration and Repair, Carr. *How to repair vacuum-tube and transistor radios. A self-paced training guide. 200 illustrations, 256 pgs.* \$18.95
- Philco Radio: 1928-1942, Ramirez. *A reference book on Philco. Shows receivers and company history year-by-year. 464 color photos, 364 black & white photos and drawings.* 1993. 161 pgs. \$29.95
- Phono-Graphics: The Visual Paraphernalia of the Talking Machine, Schwartzman. *Shows the collection of products associated with the phonograph. Beautiful photos from Art Nouveau to Art Deco era.* 1996. 119 pgs. NEW \$16.95
- The Pocket Guide to Collins Amateur Radio Equipment 1946-1980, Miller. *A pictorial guide to Collins equipment and accessories. 90+ sharp photographs.* 3 1/2" x 7". 108 pgs. NEW \$19.95
- Portable Radio In American Life, Schiffer. *Traces the development of the portable radio and how it affected American culture and society. 450 photos and drawings, 259 pgs.* (hardcover) \$45.00 \$24.95
- Poster's Radio & Television Price Guide, 1920 - 1990, 2nd Ed. 875+ TV's, 650 transistor radios and 2,200 other radios listed. *600 sets illustrated, 75 in color.* 1993. 7" x 10". 264 pgs. \$17.95
- Price Guide to Plastic Collectibles, McNulty. *Describes types of plastics, etc. (Radio is 8 of 207 pgs.)* \$17.95
- RCA Radiolas, Radiotrons, and Accessories (reprint). *Twenty-page booklet summarizing RCA's 1926 product line including the Radiola III, 20, 25, 26, 28, etc.* \$4.50
- Radio Art, Hawes. *A chronological, illustrated history of the technical and stylistic progress of the radio. Mostly British, but American sets are featured as well.* 250 photos, 150 in color, 128 pgs. (hardcover only) Low Price \$9.95
- Radio Art Postcard Deck. *30 full-color photographs from Hawes' book.* \$7.50

COLLECTOR BOOKS AVAILABLE FROM A.R.C.

- BOOKS MARKED WITH "E" ARE THE MOST POPULAR AND ARE ESPECIALLY RECOMMENDED FOR NEW COLLECTORS!**
- Radio Collector. (Videotape, VHS).** The five-part Emmy-nominated PBS series combined on one 130-minute videotape. Meet collectors, see collections, attend swap meets, learn about radio restoration. \$29.95
- The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.** Grinder. Directory of over 20,000 radios by manufacturer, model number, year, etc., with prices. Radio history, cabinet styles, vacuum tube development chapters. Over 1,200 trade names listed. Thoroughly revised and expanded. 500 pgs. \$26.95
- Radio Collector's Guide, McMahan.** Listing of 9,000+ radios made by some 1200 companies from 1921 to 1932. Gives manufacturer, year, model name and other info. No photos, 264 pgs. \$11.95
- The Radio Collector's Guide to Philco Bakelite Block Condensers, 2nd Ed., Bintliff.** A detailed description of Philco Bakelite block condensers with illustrations and parts lists. 1995. 57 pgs. \$9.95
- Radio Craft - 50 Years of Radio (reprint).** March 1938 issue of Radio Craft magazine. Numerous articles on the development of radio, then 50-years old, and on early radio pioneers. 144 pgs. \$15.95
- Radio Equip. & Supplies, (reprint).** 1922 radio catalog, accessories, etc. RCA, Clapp-Eastham, etc. 168 pgs. \$19.95
- Radio-The Golden Age, Collins.** Full-color book on the colorful Catalin and Bakelite radios from the late 1930s to the early 1940s. 128 pgs. (hardcover \$29.95) \$17.95
- Radio Horn Speaker Encyclopedia, Paul.** Listing of horn speakers for over 320 manufacturers for the 1920s. Expanded information on ten manufacturers. Over 145 photos, 80 pgs. \$14.90
- Radio Horn Speaker Notebook, Rev. H. Paul.** The companion to the Encyclopedia. Over 450 horn picture ads are shown, over 325 manufacturers are identified. Photocopy. New Index. 1995. 72 pgs. \$15.90
- Radio Manufacturers of the 1920's, Douglas.** Three comprehensive volumes. (softcover only) \$24.95
 Vol. 1 covers A-C Dayton thru Ferguson. 225 pgs. (softcover only) \$29.95
 Vol. 2 covers Freed-Eisemann thru Priess. 266 pgs. (hardcover: \$39.95) \$29.95
 Vol. 3 covers RCA thru Zenith. 292 pgs. \$10.95
- Radio Poster, Sonoran Publishing.** Color 20" x 26". A radio timeline. 20 radios from the Pup to transistors. \$10.95
- Radio! Radio!, 2nd Ed., Hill.** Revised easy-to-read subject index, separate A-Z directory listing of 1,000 + British radio models with clearer photographs than first edition. 978 photos, 244 pgs. (hardcover only) \$44.95
- Radio Redux, Collins.** Subtitled "Listening in Style." This book showcases the sleek lines and luscious colors of over 80 gleaming sets from the collection of Philip Collins. 120 pgs. (hardcover: \$29.95) \$17.95
- Radio/TV Finder, Okolowicz.** Reference to nearly 7,000 radio and TV pics found in 24 books. No photos, 110 pgs. \$13.95
- Radio & T.V. Collector's Guide Book, Biraud.** The "Vintage Radio" illustrated guide to European sets from early wireless to the 1930s (a few later). Text is in both French and English. Vol. 1: History & Manufacturers A to P. 256 pgs. (Per Volume) \$49.95
 Vol. 2: P to Z & T.V., Speakers, Tubes, Loops, Parts & Novelties. 256 pgs. (Per Volume) \$49.95
- Radios by Hallicrafters, Dachis.** The most definitive book on the company. Over 600 photos (some color) on everything they made. An invaluable tool for anyone interested in Hallicrafters. 220 pgs. NEW \$29.95
- Radios of the Baby Boom Era.** Pictures and info from Sams Photofacts. 3,494 radios illustrated plus 3,275 additional radios listed. 274 brands. 1946 thru 1960. Six volumes, 300+ pages per volume. Order by volume: Vol. 1: Admiral - Clearsonic. Vol. 2: Co-op - Gelsco. Vol. 3: GE - Monitoradio. Vol. 4: Motorola - RCA. Vol. 5: Realtone - Stratovox. Vol. 6: Stromberg-Carlson - Zenith. (Per Volume) \$16.95
- Refinishing Old Furniture, Wagoner.** Written by a furniture restoration instructor. A step-by-step guide to furniture (or radio) restoration, from removal of finishes right up to the final polish. 178 pgs. \$14.95
- Saga of the Vacuum Tube, Tyne.** The development of vacuum tubes - 1880 to 1930. From Edison, Thomson and Fleming to de Forest, Philips, Siemens and many more. 100+ tube photos, 495 pgs. \$18.95
- Sound & Vision Yearbook 1995/96.** An annual directory of radio & TV collectors, primarily European \$6.95
- Syntony and Spark, Aiken (reprint).** Subtitled "The Origins of Radio." Describes the development of radio from Maxwell's work in the 1860s through the contributions of Hertz, Lodge and Marconi. 1976. 347 pgs. \$16.95
- S. Gernsback Radio Encyclopedia (reprint).** 1927 classic encyclopedia on radio. From "A Battery to Zirconium, with 1000s of entries in between. 100s of illustrations, 175 pgs. \$9.95
- 70 Years of Radio Tubes and Valves, Stokes.** The story of the radio tube from the lab to the public. 247 pgs. \$25.95
- 75 Years of WE Tube Manufacturing, Magers.** A log book history 750+ WE tubes. Illustrated. 133 pgs. \$16.95
- Tomart's Price Guide to Radio Premium and Cereal Box Collectibles, Tumbusch.** Includes comic character, pulp hero, TV and other premiums. 1991, 3,000+ illustrations, 176 pgs. \$22.95
- Transistor Radios, A Collector's Encyclopedia and Price Guide, Lane.** Identification guide to over 2,500 transistor and novelty radios. History and key to collecting chapters. 1994. 170 pgs. \$19.95
- Transmitters, Exciters and Power Amplifiers 1930 - 1980, Moore.** Pictorial and descriptive guide to amateur high frequency transmitters and amplifiers manufactured in the U.S.A. Over 500 photos. 144 pgs. NEW \$21.95
- Tube Type Transmitters, Rippen.** Provides a wealth of information on transmitters and transceivers. Includes ancillary items such as linear amplifiers, converters, modulators and VFOs. Over 500 illustrations. 145 pgs. NEW \$17.95
- Vintage Radio, McMahan.** Photo reference guide of radios before 1930. 1000+ pics, 263 pgs. (Temp. Out-Of-Print) \$19.95
- The Weekend Refinisher, Johnson.** A complete guide to stains and finishes and tips for setting up your own workshop. A handy furniture "first aid" kit for quick repairs. Illustrated. 296 pgs. \$10.00
- Westinghouse Catalog (reprint).** 1920s catalog of the RA-DA and other early Westinghouse equipment. 8 pgs. \$4.00
- Wireless Communication in the U.S., Mayes.** Early development of American radio operating companies. Alternators, coherers, stock promotions, unpublished letters, etc. 160 illustrations, 240 pgs. \$29.95
- The Xtal Set Society Newsletter, Anderson.** Complete set of the Society's newsletter. Order by volume. Vol. 1: 7/91 to 5/92 - Field Strength Meter, FM Xtal Set, Xtal Sets & Wireless, & more. Vol. 2: 7/92 to 5/93 - The Lead Pencil Detector, The Universal Xtal Set, etc. Vol. 4: 1/94 to 11/94 - Measuring Coil Capacitance, home-brew headphones and curve tracers, etc. Vol. 5: AM Receiver Design, Marconi Type 107, Radio Outfit in a Headset, & more. (Per Vol.) \$9.95
- The Xtal Set Handbook, Anderson.** Formulas for coil inductance, a procedure for measuring coil capacitance, circuit matching theory, & more. Also included is Vol. 3 of the Xtal Set Society Newsletter. \$10.95
- Zenith Radio Corporation (reprint).** The instructions for installation and operation for Models 39-39A Models 392-392A, and Electric Zenith Receivers. 3 schematics, 3 photos, 7 1/2" by 5", 16 pgs. \$4.50
- The Zenith Trans-Oceanic: The Royalty of Radios, Bryant and Cones.** Presents the fascinating story of the development and use of the Trans-Oceanic. Several photos, documents, ads, etc. 160 pgs. \$24.95

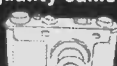
U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents please add 5% sales tax. Money back return policy. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



Send Order To: A.R.C., P.O. Box 2, Carlisle, MA 01741
 or Call: (508) 371-0512 Fax: (508) 371-7129



(Jul-96)



P.O. Box 1883 S. Hack., NJ 07606 hposter@worldnet.att.net 24 Hr Phone: 201.794.9606 24 Hr FAX: 201.794.9663

RCA Signs...and more!

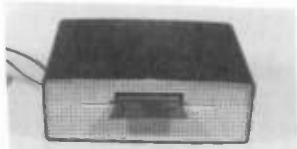


FOR SALE: RCA TUBES display topper. This 6-1/2" x 20" red-painted metal sign features the RCA logo and slogan in light yellow, and probably dates to the 1940s. It was made to sit over a dealer's display of tubes...or over YOUR display! Minor wear, but nice! **RCA Tubes...\$71**

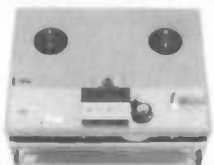


FOR SALE: RCA RADIO BATTERIES display topper. This red-painted metal sign is 18" x 7", and again shows only minor wear. Mentions portable radios--and is probably from the early 1950s. A nice addition to your portable radio collection or hang it over a battery display. **RCA Sign...\$65**

FOR SALE: RCA Drive-in Speaker. You remember these throw-backs to the Drive-in Movies. Painted grey, it hung on your car window, played the movie sound track and announced "The Snack bar is Closing!"**\$29**



FOR SALE: RCA 6-JM-2. This black plastic and creme colored 45 RPM player is the style that has the records pushed in from the front. This totally confused the public, and the push-ins were short lived. Some light scratches or rubs, but overall very nice. Plus, the brass tab with "RCA Victor" is impressive. **RCA front-loader...\$39**



FOR SALE: Sony Tape Deck 262D. New in the original box, with instructions, for 3-3/4 and 7-1/2 speeds. Quality unit with minimum wow and flutter at about .25% (one-quarter of one percent!) **New, boxed Sony Superscope 262D...\$42**



FOR SALE: Novelty Transistors. We found three styles of novelty transistor radios--and couldn't pass them up. The best is the pink poodle from the 1950s. Just turn it's nose to tune. Plus, boxed AM/FM Microphone radio, #OTA-70, and boxed Cadmus Cognac bottle radio. **Priced each...\$27 or All 3--\$60**



FOR SALE: Zenith H500 Transoceanic. Found another one...this has seven bands from Short-wave to 31 Meters plus broadcast. Working condition, with a very nice cabinet. It includes the "wavemagnet" and pop-up antenna. Has schematic and 1950 log book. **Model H500...\$96**

FOR SALE: Emerson Playtape 1200. This was Emerson's entry into cassette technology--and another flop! With dedicated tapes: Supremes, Trini Lopez, Petula Clark and more. All in a great 1960s plastic case. **Playtape...\$23**



FOR SALE: TV Books:
Television Simplified, Kiver. 366 pg hardcover. Includes photos of pre-war GE console and RCA prototype projection set. Info, etc...**\$24**
Television Simplified, Kiver, 3rd ed, 608 pg hardcover. Includes photos of post-war Garod, plus very early CBS experimental color set. Loads of info and theory...**\$19**
Principles of TV Engineering, Fink, 540 pg hardcover from 1940. From scanning discs to broadcasting with iconoscopes...**\$20**



FOR SALE: Steinite Interference Eliminator. Circa 1925, bright green wound coil on a black base, only about 3 inches square. In worn box, with printed instructions and testimonials from customers! **Steinite... \$27**

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 25¢ each. See details below. Classified ads sent by mail, fax or by any other method must be received (not just postmarked!) by Noon Eastern Time on the classified ad deadline date to guarantee inclusion in the current issue. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page 2 for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Faxed & e-mailed ads: Please see additional information on the inside front cover.

When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. (Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

To minimize our typing errors: Please write legibly. Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, I and l (the number one, the capital i and the small L.) Also: 0, O, o, Q and D; r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets].

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason.

Clubs: Since club activities receive free coverage on the *Coming Radio Events* pages, the free 20 words may not be used for club activity ads. See inside front cover for additional information.

CLASSIFIED AD DETAILS

Deadline: NOON ET- 10th of the month!

Classified ads must have a standard heading such as **WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, etc.** This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE***

25¢ per word for extra words over 20 plus

10¢ per word for a shaded ad (count all words including free words).

* Subscribers may take 20 free words on only **one** ad each month.

Non-Subscribers:

41¢ per word plus

10¢ per word for shaded ad.

Please do not forget to send in the extra 25¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with "For Sale," etc. Minimum run is 3 months, prepaid. Discount: 10% for 6 months; 20% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:

36¢ per word for all words,* none free, plus

10¢ per word for each bold word plus

10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):

45¢ per word for all words* plus

10¢ per word for each all-caps word.

Non-Subscribers:

Add 20¢ per word to above costs.

*Three words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month

for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

\$20.00 per month for each photo or drawing

(If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: **WANTED, FOR SALE, etc.**, count as **one word** each time used in an ad. **Name, address** and (one) **telephone number**, count as **6 words**, regardless of length. **Ham call letters** and **business name** can be included in the 6 words and do not count extra. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.

PERIODICALS



A.R.C., P.O. Box 2, CARLISLE, MA 01741
RETURN POSTAGE GUARANTEED

G-86 SUB# 22-17477
FRED KILMER

59 ALDA DR
POUGHKEEPSIE

NY

EXP=DEC96

12603

**CLASSIFIED AD
DEADLINE AUG. 10th
Noon Eastern Time**