

BROADCAST ELECTRONICS, Inc.

• Telephone: JUniper 8-4983
December 17, 1962

Mr. Raymond Meyers
4350 S. W. 60th Place
Miami 55, Florida

Dear Mr. Meyers:

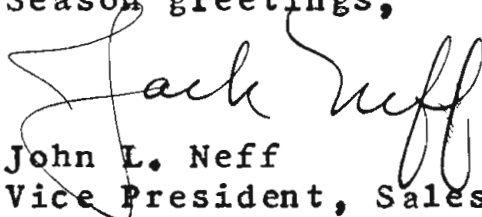
Thank you for your interest in SPOTMASTER.

Enclosed for your information are the new SPOTMASTER CARTRIDGE EQUIPMENT brochure, accessories, our most recent cartridge price list and two suggested installation plans to help you in your planning.

We have forwarded your inquiry to our national sales representative, Visual Electronics Corporation, 356 West 40th Street, New York 18, New York. Mr. George Wagner, Visual's Sales Manager, will forward complete cost figures, time payment and lease purchase plans and arrange for their field sales engineer to demonstrate SPOTMASTER.

We appreciate your inquiry and if we can be of any further help, we will be most happy to discuss your specific needs.

Season greetings,


John L. Neff
Vice President, Sales

JLN/mh

Enclosures

CC: Mr. George Wagner

Mr. James Sims
P. O. Box 1541
Coral Gables
Florida

Code 305 443-9477

Plant and General Offices:

8800 BROOKEVILLE ROAD, SILVER SPRING, MARYLAND

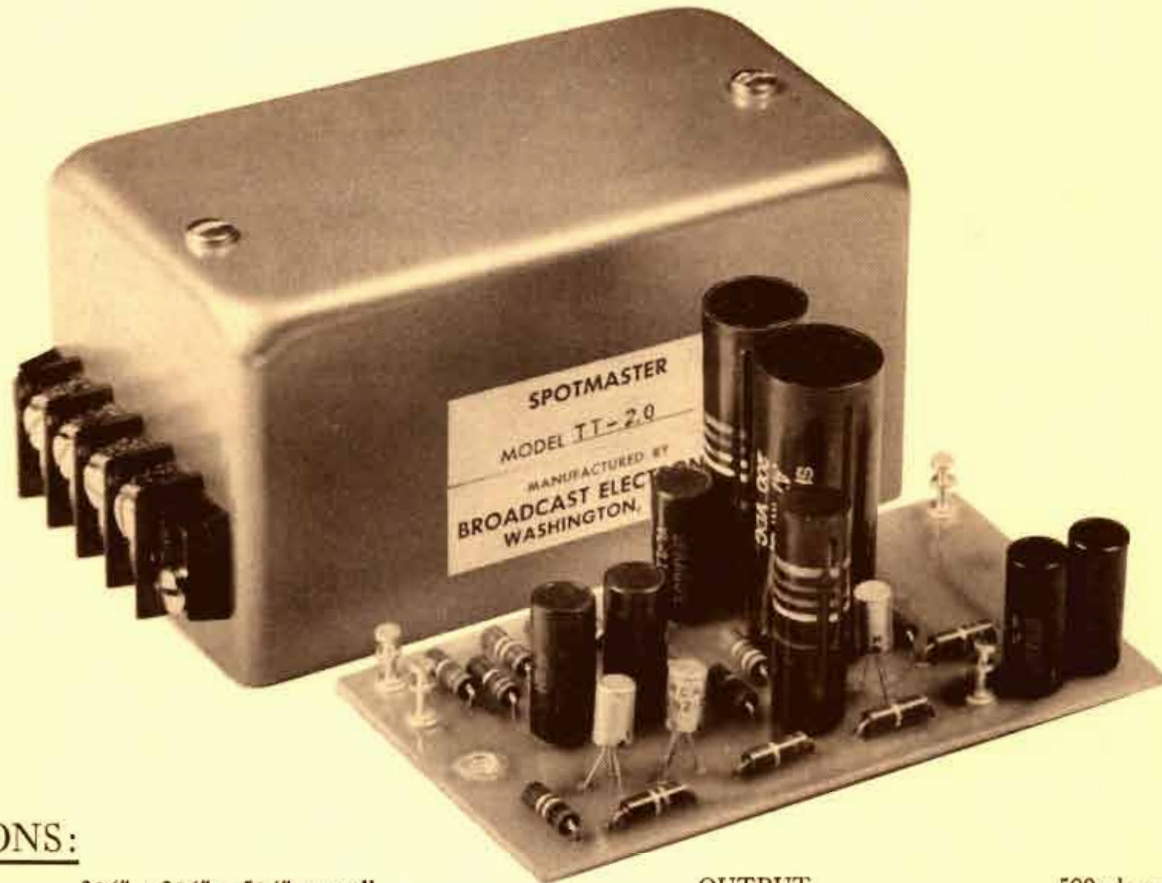
BEN STROUSE
Chairman of Board

ROSS BEVILLE
President

JACK NEFF
Vice President, Sales

Spotmaster

EQUALIZED TURNTABLE PREAMPLIFIER



SPECIFICATIONS:

SIZE: $2\frac{1}{2}'' \times 2\frac{1}{2}'' \times 5\frac{1}{2}''$ overall
WEIGHT: 8 ounces
POWER REQUIREMENTS: Minimum 6 volts DC @ 2 ma
Maximum 20 volts DC @ 6 ma
INPUT: Variable Reluctance
Pickup Cartridge
INPUT LEVEL: 25 mv max

OUTPUT: 500 ohms or higher
(emitter follower)
with transformer output, optional extra
OUTPUT LEVEL: -20 VU or .150 volts
(open circuit)
DISTORTION: Less than 1%
NOISE LEVEL: Better than 65 db below
rated output.
FREQUENCY RESPONSE: ± 2 db 30-15000 CPS
(RIAA-NAB Test record,
VR Pickup Cartridge)

Model TT-20

The Model TT-20 equalized turntable preamplifier is a compact, low distortion, low noise, transistorized audio amplifier with built-in equalization conforming to RIAA-NAB industry standards. The amplifier is contained in a metal case designed to be mounted in or near a turntable cabinet. Convenient screw type terminals are provided for connection to associated equipment.

Exceeding care was taken in the design of the preamplifier to provide the lowest possible residual noise levels so necessary for the quality reproduction of low level transcriptions. No coils or inductors are used in the basic amplifier. Equalization is accomplished by means of a selective negative feedback circuit and negative reactive components. The noise level of a typical preamplifier is better than 65 decibels below the rated output. The distortion percentage is below 1% over its useful range.

The TT-20 preamplifier is extremely tolerant as to power supply requirements. It may be operated from any well filtered DC power supply providing a minimum of 6 and a maximum of 20 volts, or a 6 volt battery.

Since the current requirement of the TT-20 is exceedingly small (2 ma at 6 volts), it lends itself well for dry cell battery operation. This may well be the most advantageous way to operate the amplifier in many installations. It was specifically designed with this in mind so as to make possible minimum installation effort and to completely eliminate residual hum present to some extent in any AC powered DC supply.

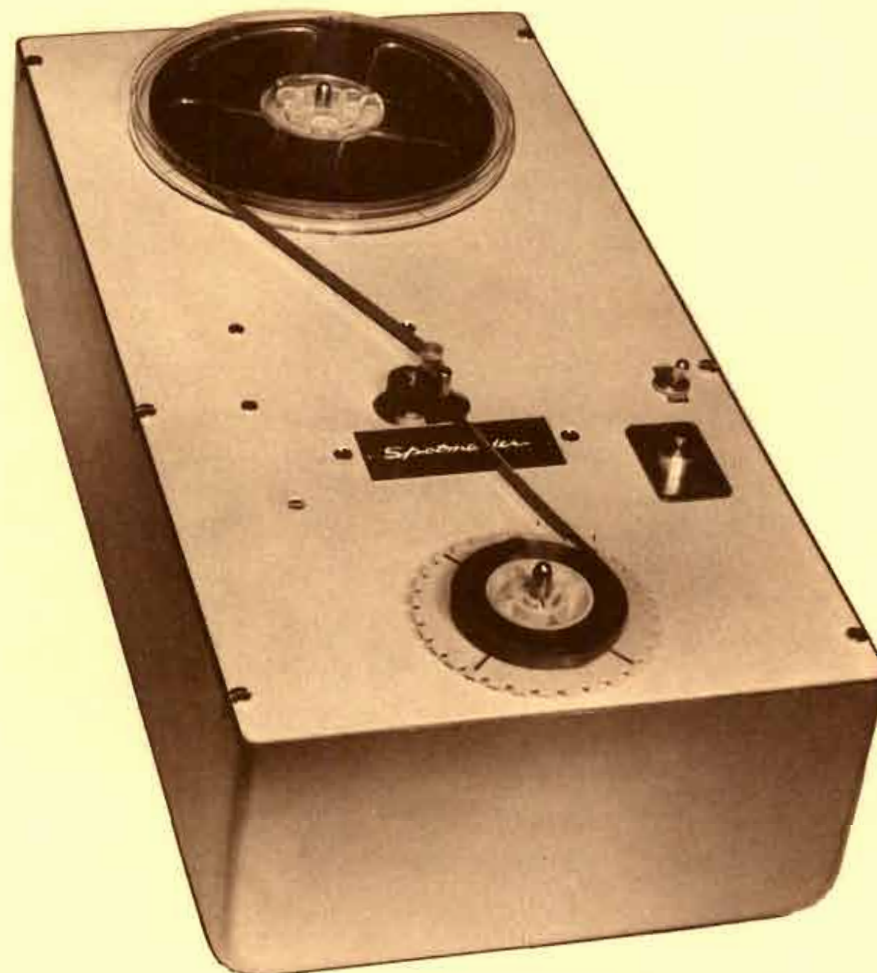
The Model PR-4 transistor power supply is available for use with the TT-20, if desired. Four individually filtered 13 volt DC power sources are provided to power up to four TT-20 preamplifiers. Write, wire or phone for complete details.

BROADCAST ELECTRONICS, INC.

8800 Brookville Road, Silver Spring, Maryland, Dial JU 8-4983

Spotmaster

TAPE CARTRIDGE WINDER



Model TP-1A

The all-new Spotmaster Tape Cartridge Winder is another in the fine line of products from the laboratories of Broadcast Electronics. Rugged, dependable and field tested, the Spotmaster Tape Cartridge Winder is easy to operate and fills a need in every station using cartridge equipment. It is no longer necessary to limit your cartridge operation by using only stock sizes or to tie up your conventional tape equipment to load tape cartridges. The Spotmaster Winder, will handle all reel sizes and runs at $2\frac{1}{2}$ " per second. Worn tape in old cartridges is easily replaced. New or old cartridges may be wound to any length. Write, wire or phone for complete details.

Lubricated 1 mil Mylar tape and blank cartridges are available through Broadcast Electronics.

SPECIFICATIONS:

Size: 10" W x 20" L x $6\frac{3}{4}$ " H

Weight: $9\frac{1}{2}$ lbs.

Power Requirements: 117 v ac, 60 cps, 30 watts

Winding Speed: $2\frac{1}{2}$ IPS

Drive Motor: 4 pole induction

Take Up Motor: shaded pole induction

Capacity: Supply reel handles up to 3600' 1 mil lubricated Mylar take up reel up to $7\frac{1}{4}$ inches in diameter

BROADCAST ELECTRONICS, INC.

8800 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Spotmaster Accessory Equipment



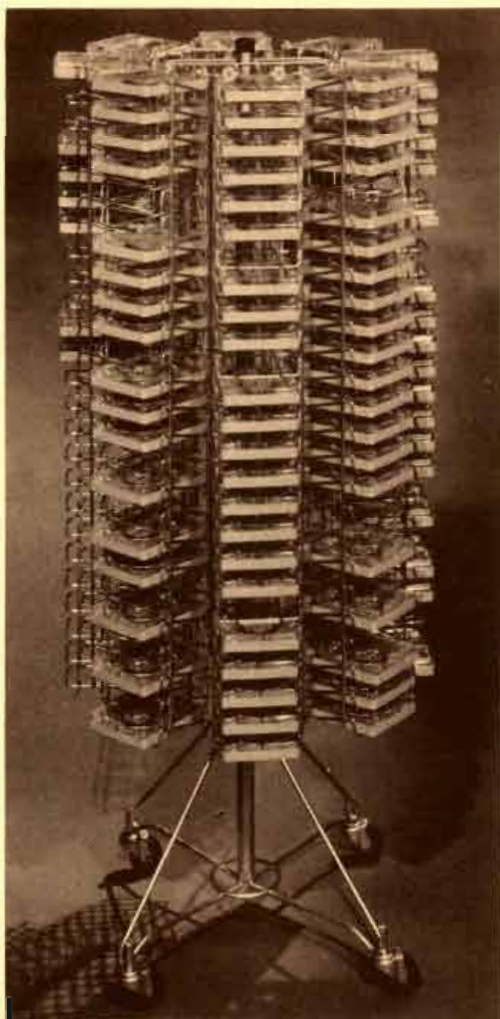
Spotmaster Tape Cartridges

Manufactured by Fidelipac for Broadcast Electronics, Inc. in sizes from 20 seconds to 31 minutes. Custom loaded cartridges available on request. See cartridge price list for additional information.



RM-100 Wall Mount Cartridge Rack

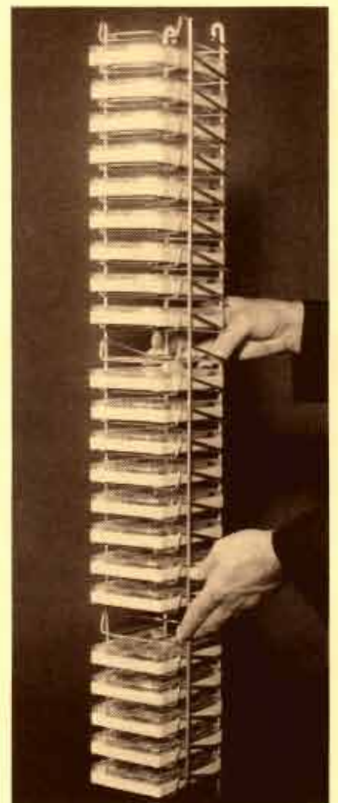
Provides convenient storage for 100 Series 300 cartridges in minimum space. Modular construction permits wall or table top mounting of one or several units. Gray Formica trim. Dimensions: 2' H x 2' W x 4 $\frac{3}{8}$ " D



RS-200

RS 200 LAZY SUSAN CARTRIDGE RACK RS 25 RACK SECTION

The new RS-200 Lazy Susan revolving tape cartridge rack holds 8 removable rack sections providing storage for 200 cartridges. Each of the 8 rack sections holds 25 cartridges and may be removed from the Lazy Susan to sub-control rooms or studios as desired. Extra rack sections (Model RS-25) are available in single units and may be wall mounted in multiple to provide unlimited cartridge storage space. Model RS-25 rack sections are 34 inches high, 4 $\frac{3}{4}$ inches wide, 5 inches deep. The RS-200 Lazy Susan equipped with 8 rack sections is 51 $\frac{1}{4}$ inches high and 20 $\frac{1}{2}$ inches in diameter. All steel, zinc plated construction with four heavy duty casters for easy mobility.



RS-25

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THE CHANNING LEASE PLAN

\$1,000.00 leased for three (3) years

1st Year 3.6% or \$36.00 per month

2nd Year 3.3% or \$33.00 per month

3rd Year 3.07% or \$30.70 per month

* * * *

Renewal option at 6% or \$60.00 per year.

Purchase option at 12% of original cost.

BROADCAST ELECTRONICS, INC.

8800 Brookville Road • Silver Spring, Maryland

JUniper 8-4983

SUGGESTED SPOTMASTER INSTALLATIONS

PLAN # 1

| | | | |
|----|-----------------------------------|---------|-------------------|
| 1 | SPOTMASTER 500 | | |
| 1 | SPOTMASTER 505 (PACKAGE PRICE) | | \$1,225.00 |
| 10 | 40 Second Cartridges | @ 2.25 | 22.50 |
| 70 | 70 Second Cartridges | @ 2.35 | 164.50 |
| 10 | 90 Second Cartridges | @ 2.40 | 24.00 |
| 5 | 3½ Minute Cartridges | @ 2.70 | 13.50 |
| 5 | 5½ Minute Cartridges | @ 3.00 | 15.00 |
| 1 | Cartridge Rack (100 unit-2' X 2') | @ 40.00 | 40.00 |
| 1 | Bulk Eraser | @ 25.00 | 25.00 |
| 1 | Alignment Tape | @ 6.00 | 6.00 |
| | | | <u>\$1,535.50</u> |

If additional SPOTMASTER 505's (playback units) are ordered within thirty days, maximum discounts will be earned.

Jack Neff
Vice President, Sales

* * * * *

SOLD NATIONALLY BY: VISUAL ELECTRONICS CORP.
356 West 40th Street
New York 18, New York

Pennsylvania
6-5840

BROADCAST ELECTRONICS, INC.

8800 Brookville Road • Silver Spring, Maryland

JUniper 8-4983

SUGGESTED SPOTMASTER INSTALLATIONS

PLAN # 2

| | | | |
|----|-----------------------------------|---------|-------------------|
| 1 | SPOTMASTER 500 | | |
| 2 | SPOTMASTER 505 (PACKAGE PRICE) | | \$1,695.00 |
| 10 | 40 Second Cartridges | @ 2.25 | 22.50 |
| 70 | 70 Second Cartridges | @ 2.35 | 164.50 |
| 10 | 90 Second Cartridges | @ 2.40 | 24.00 |
| 5 | 3½ Minute Cartridges | @ 2.70 | 13.50 |
| 5 | 5½ Minute Cartridges | @ 3.00 | 15.00 |
| 1 | Cartridge Rack (100 unit-2' X 2') | @ 40.00 | 40.00 |
| 1 | Bulk Eraser | @ 25.00 | 25.00 |
| 1 | Alignment Tape | @ 6.00 | 6.00 |
| | | | <u>\$2,005.50</u> |

If additional SPOTMASTER 505's (playback units) are ordered within thirty days, maximum discounts will be earned.

Jack Neff
Vice President, Sales

* * * * *

SOLD NATIONALLY BY: VISUAL ELECTRONICS CORP.
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New York 18, New York

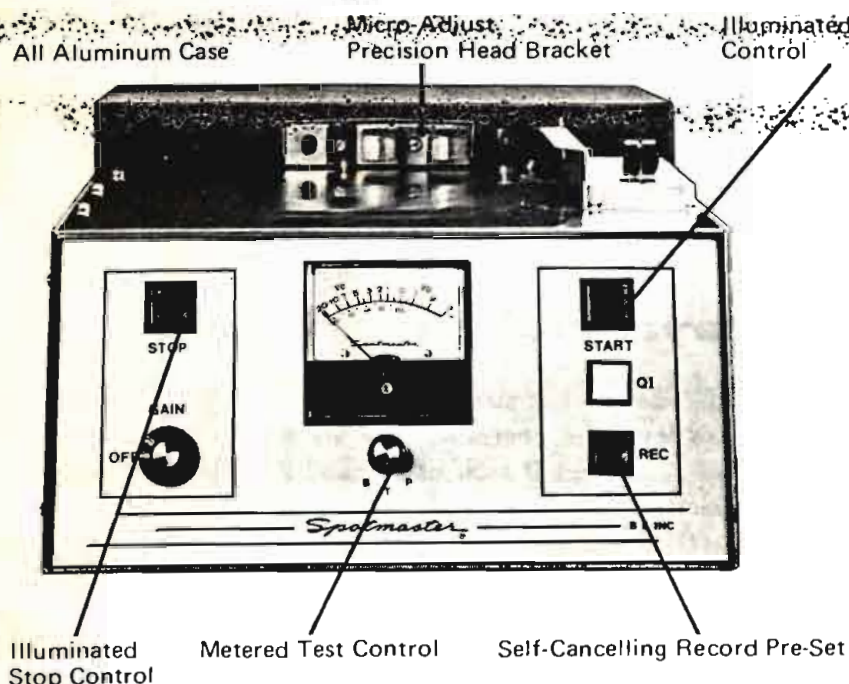
Pennsylvania
6-5840

Spotmaster®

500 D SERIES

The Compact 500 Series

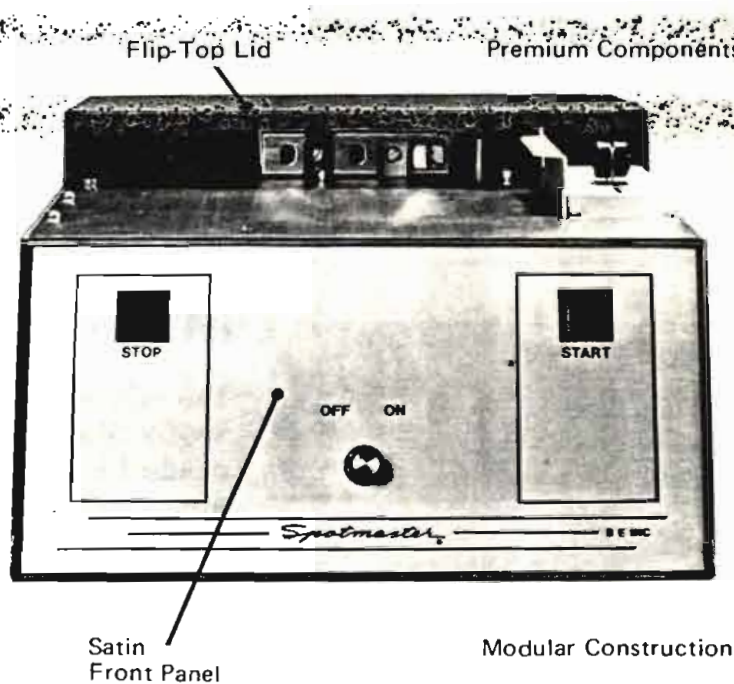
*Model D . . . Traditional Favorite . . . Moderately Priced
Meets or Exceeds NAB Specifications*



The Spotmaster 500 D

Combination Recorder- Playback Unit

Model D equipment includes models to match every programming need: record-playback and play-back-only . . . compact and rack-mount. Specifications and performance equal or exceed NAB requirements. Features include new styling and ease of operation, all silicon solid-state modular



The Spotmaster 505 D

Companion Playback Unit

design, choice of 1, 2 or 3 automatic electronic cueing tones, separate record and play heads, with adjustable head-mounts, A-B monitoring, biased cue recording, triple zener controlled power supply, transformer output, automatic record pre-set. Full Year Labor and Parts Warranty.

Specifications

| | |
|--------------------------------|---|
| Equalization: | NAB Standard. |
| Frequency Response: | ±2 dB 50 - 12,000 Hz @ 7.5 IPS. ±3 dB 40 - 15,000 Hz @ 7.5 IPS. |
| Distortion: | 2% or less @ 0 VU recording level. |
| Signal to Noise Ratio: | 50 dB or better. |
| Wow & Flutter: | 0.2% or less @ 7.5 IPS. |
| Tape Speed: | 7.5 IPS. |
| *Input (Line): | 0.1 Volt (Bridging) |
| *Input (Microphone, 150 ohms): | 0.25 mv (-64 dBm) |
| Output: | +4 dBm @ 600 ohms. Peak output +14 dBm. (Transformer output.) |
| Cue-Tones: | Primary - 1,000 Hz (Stop) Cue-Trip No. 1 - 150 Hz (Optional) Cue-Trip No. 2 - 8,000 Hz (Optional) |
| Cueing Accuracy: | 0.1 Second. |

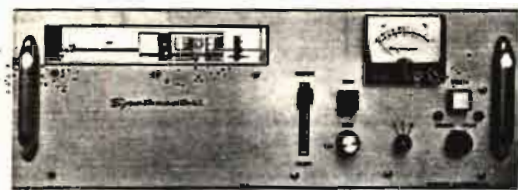
| | |
|--------------------|---|
| Starting Time: | 0.1 Second. |
| Power Requirement: | 105 - 125 V ac, 60 Hz, 50 watts (115/220 V ac, 50 Hz optional extra). |
| Playing Time: | 1 second to 31 minutes @ 7.5 IPS. |
| Motor: | Hysteresis Synchronous |
| Controls: | *Gain *Automatic Record Pre-set *VU Meter Selector Start Switch Stop Switch Output Level On-Off |
| Size: | 10-1/4" W, 12-3/4" L, 6-5/8" H. |
| Weight: | 18 lbs. (Model 500) 15 lbs. (Model 505) |
| Finish: | Silver Gray and satin aluminum panel. |

*Applies to Model 500 combination Record/Play units only.

BE-102 Remote Control Unit

BE-102 is designed to externally control up to three single deck units. BE-102 offers start and stop functions on convenient desk-top panel with 15-feet of cable.





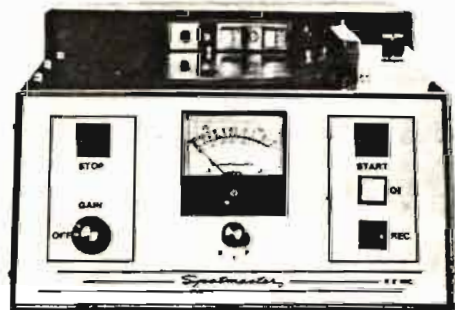
Model 500 DR Recorder/Playback

500-Series rack-mounted models offer the same dependable feature found in compact units in a handy roll-out version 19" wide by 7" high. Heavy-duty chassis slides mount to standard equipment rack allowing unit to be removed for routine maintenance . . . Model 500DR specifications same as compact Model 500D except for dimensions, weight 23 pounds and optional mike pre-amp.



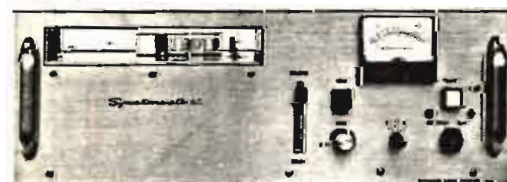
Model 505 DR Playback

This rack-mounted playback unit, identical in size and mechanical make-up to the 500DR, features front panel load lever for operating convenience as well as other standard SPOTMASTER features . . . Series D rack units handle all NAB cartridge sizes for maximum playback capacity.



Model 500 DDL Recorder/Playback/Delay

The SPOTMASTER DL concept makes use of standard cartridges of pre-determined lengths to record, store and playback any type of programming material . . . The unit also converts immediately at the flip of a switch to a standard recorder/playback . . . No need to buy a unit which will only perform the delay function . . . SPOTMASTER gives you this feature for only slightly more than the cost of a regular cartridge machine.



Model 500 DRDL Recorder/Playback/Delay

Here's the 500DRDL offering the versatility of delayed programming in the 500 series rack-mounted chassis . . . Instant front panel access to muting and conversion controls . . . A unit built to be your station's work horse at a common sense price.



Model 500 DS Recorder/Playback/Stereo

For the stereo-minded station here's familiar SPOTMASTER compact styling . . . Big enough to do the job . . . small enough to fit just about any situation . . . Two large easy-to-monitor VU meters and dual channel gain controls add to the feature-packed front panel . . . 22 lbs. . . Playback stereo only on the 505DS, same size as Model 505D.



Model 500 DRS Recorder/Playback/Stereo

Full rack mounted-stereo record/play features in the same space as the mono counterpart . . . The 500DRS offers the full range of SPOTMASTER features completely within NAB specifications. Rack mounted stereo playback available, too in Model 505DRS.

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8800 Brookville Road • Silver Spring, Maryland

JUniper 8-4983

P R I C E L I S T

F I D E L I P A C T A P E C A R T R I D G E S

| <u>Type</u> | <u>Time at 7½ IPS</u> | <u>Price</u> |
|-------------|-----------------------|--------------|
| Series 300 | 20 seconds | \$2.20 each |
| Series 300 | 40 seconds | 2.25 each |
| Series 300 | 70 seconds | 2.35 each |
| Series 300 | 90 seconds | 2.40 each |
| Series 300 | 140 seconds | 2.55 each |
| Series 300 | 3½ minutes | 2.70 each |
| Series 300 | 5½ minutes | 3.00 each |
| Series 300 | 8½ minutes | 3.60 each |
| Series 300 | 10½ minutes | 4.00 each |
| Series 600 | 12½ minutes | 5.85 each |
| Series 600 | 16 minutes | 6.45 each |
| Series 1200 | 26 minutes | 9.05 each |
| Series 1200 | 31 minutes | 9.95 each |

BLANK CARTRIDGES

| | |
|-------------|-----------|
| Series 300 | 1.95 each |
| Series 600 | 2.95 each |
| Series 1200 | 4.45 each |

NOTE: Cartridges loaded to any length upon request. For pricing take next highest standard cartridge price

ANY ASSORTMENT - NO MINIMUM ORDER

MM-151 BULK LUBRICATED TAPE

| | |
|-----------------------|------------|
| 1700 Feet on 7" Reels | 7.65 each |
| 3600 Feet on NAB Hub | 14.95 each |

SPOTMASTER TAPE-TAGS - (MINIMUM \$2.00)

| | |
|--------------------|----------|
| 1 Sheet to 49 | .10 each |
| 50 Sheets and over | .09 each |

Eight per sheet

Five Colors: Blue - Red - Green - Orange - Yellow

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

November 1, 1962

BROADCAST ELECTRONICS, INC.

8800 Brookville Road • Silver Spring, Maryland

JUniper 8-4983

EQUIPMENT PRICE LIST

SPOTMASTER Model BE 500 (Recorder-Playback).....(COMPACT)..\$ 695.00
SPOTMASTER Model BE 505 (Playback).....(COMPACT).. 545.00

SPECIAL PACKAGE PRICES - COMPACT MODELS ONLY

| | |
|--|-----------|
| 1 SPOTMASTER BE 500 and 1 SPOTMASTER BE 505..... | \$1225.00 |
| 1 SPOTMASTER BE 500 and 2 SPOTMASTER BE 505..... | 1695.00 |

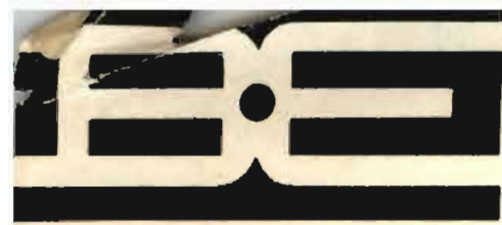
SPOTMASTER Model BE 500-R (Recorder-Playback).....(rack).. 695.00
SPOTMASTER Model BE 505-R (Playback).....(rack).. 545.00
SPOTMASTER STEREO Model BE 500-S (Recorder-Playback)..... 995.00
500-S available only in compact model
SPOTMASTER STEREO Model BE 505-S (Playback)..... 645.00
505-S available in rack or compact models
SPOTMASTER Model TP-1A (Tape Cartridge Winder)
For loading or reloading of tape cartridges..... 94.50
SPOTMASTER Model TT-20 (Equalized Turn Table Pre-Amplifier)
500 Ohm Emitter Follower Output..... 46.50
500 Ohm Transformer Output..... 56.50
SPOTMASTER Model PR-4 (Power Supply)
Four isolated outputs to power up to four
TT-20 Pre-Amplifiers..... 59.50
SPOTMASTER Sound Sensor
Tone sensing amplifier and relay for use in controlling
video tape recorders or other devices required to start
or stop automatically on application of a tone. High
pass or low pass complete with power supply..... 69.50
SPOTMASTER Cue-Trip (Automatic Sequencing)
Amplifier and tone activated relay (Utilizes second
tone on tape cue track to automatically start other
units). Optional on 505 Playback units only..... 49.50
SPOTMASTER Cue-Trip Tone Pulser
For recording second tone on tape..... 29.50

ACCESSORY PRICE LIST

SPOTMASTER CARTRIDGE RACK Model RM-100 (wall mount).....\$ 40.00
SPOTMASTER LAZY SUSAN CARTRIDGE RACK Model ES-200..... 145.50
LAZY SUSAN RACK SECTION Model RS-25..... 12.90
Two Model RS-25 sections..... 25.00
Cartridge Tape Eraser..... 25.00
BE-101 Remote Control Unit..... 21.50
Head Alignment and Test Tape..... 6.00
SPOTMASTER Carrying Case with Amplifier and Speaker..... 138.50
BE-903 Capstan and Head Cleaning Fluid..... 4 oz. 1.50
16 oz. 4.85
32 oz. 7.25
Steel Deck Sheet..... 4.70
SPOTMASTER Tape Labels (per sheet)..... .10
Eight per sheet Blue - Red - Green - Yellow - Orange

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OCTOBER 1, 1962



BROADCAST ELECTRONICS, INC.

8800 BROOKVILLE ROAD • SILVER SPRING, MARYLAND • AREA 301 JUNIPER 8-4983

March 21, 1965

EQUIPMENT PRICE LIST

SERIES 500 SUPER "B" EQUIPMENT

COMPACT MODELS

SPOTMASTER Model BE 500B (Recorder-Playback).....\$695.00
 SPOTMASTER Model BE 505B (Playback)..... 510.00

RACK MOUNT MODELS

SPOTMASTER Model BE 500BR (Recorder-Playback)..... 720.00
 SPOTMASTER Model BE 505BR (Playback)..... 545.00

OPTIONAL EQUIPMENT

Cue-Trip I Amplifier, secondary tone for automatic sequencing (150 cps).. 49.50
 Cue-Trip II Amplifier, tertiary tone for automatic sequencing (8 kc)..... 49.50
 Tone Generator for Cue-Trip I..... 21.00
 Tone Generator for Cue-Trip II..... 21.00
 115/220 Volt, 50 or 60 cycles (power conversion)..... 15.00
 Quik-Line Head Assembly with plug-in heads (installed)..... 18.00
 (See Accessory List for available remote control units)

SERIES 400A EQUIPMENT

COMPACT MODELS

SPOTMASTER Model BE 400A (Recorder-Playback)..... 585.00
 SPOTMASTER Model BE 405A (Playback)..... 415.00

OPTIONAL EQUIPMENT

Cue-Trip I Amplifier, secondary tone for automatic sequencing..... 49.50
 Cue-Trip I Tone Generator (150 cps)..... 21.00
 Quik-Line Head Assembly with plug-in heads (installed)..... 18.00
 Microphone Pre-Amplifier..... 21.75
 (See Accessory List for available remote control units)

PORTAPAK I

SPOTMASTER PortaPak I (portable playback unit)..... 179.50
 Auxiliary Tone Monitoring..... 17.50
 SPOTMASTER PortaPak I Carrying Case..... 8.50

All Prices F. O. B. Silver Spring, Maryland
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Spotmaster



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March 21, 1965

EQUIPMENT PRICE LIST cont.

SERIES 500A EQUIPMENT

COMPACT MODELS

| | |
|--|----------|
| SPOTMASTER Model BE 500A (mono Recorder-Playback)..... | \$675.00 |
| SPOTMASTER Model BE 505A (mono Playback)..... | 485.00 |
| SPOTMASTER STEREO Model BE 500A-S (Recorder-Playback)..... | 995.00 |
| SPOTMASTER STEREO Model BE 505A-S (Playback)..... | 645.00 |

RACK MOUNT MODELS

| | |
|---|--------|
| SPOTMASTER Model BE 500AR (mono Recorder-Playback)..... | 675.00 |
| SPOTMASTER Model BE 505AR (mono Playback)..... | 500.00 |
| SPOTMASTER STEREO Model BE 500AR-S (Recorder-Playback)..... | 995.00 |
| SPOTMASTER STEREO Model BE 505AR-S (Playback)..... | 645.00 |

DELAY PROGRAMMER

| | |
|--|--------|
| SPOTMASTER Model 500A-DL (compact mono)..... | 750.00 |
| SPOTMASTER Model 500AR-DL (rack mount mono)..... | 750.00 |

OPTIONAL EQUIPMENT

| | |
|--|-------|
| 115/220 Volt - 50 or 60 cycles (power conversion)..... | 15.00 |
| Transformer Output - 600 ohm balanced line..... | 17.00 |
| * Cue-Trip I Amplifier, secondary tone for automatic sequencing..... | 49.50 |
| Cue-Trip I Tone Generator (120/150 cps)..... | 29.50 |
| (See Accessory List for available remote control units) | |
| * Available in all models except 500A compact | |

SPOTMASTER TEN SPOT

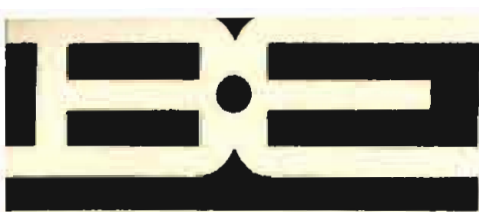
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|--|-----------------------|
| SPOTMASTER TEN SPOT Model 610A (10 channel playback) complete with stop cue tone and one additional auxiliary tone | all prices on request |
|--|-----------------------|

OPTIONAL EQUIPMENT

| | |
|--|-----------------------|
| Cue-Trip II Amplifier, tertiary tone for automatic sequencing (8 kc) | |
| TEN SPOT Remote Control Unit (start/stop and tally lights) | all prices on request |

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ACCESSORY PRICE LIST

CARTRIDGE WINDING EQUIPMENT

| | |
|--|----------|
| SPOTMASTER TP-1A Tape Cartridge Winder..... | \$ 94.50 |
| SPOTMASTER TP-1A Tape Cartridge Winder with timer installed..... | 119.50 |
| SPOTMASTER TP-60 Calibrated Tape Timer..... | 25.00 |

Blank Cartridges

| | |
|------------------|------|
| Series 300..... | 1.95 |
| Series 600..... | 2.95 |
| Series 1200..... | 4.45 |

3M-HD-151 Bulk Lubricated Tape (Heavy Duty)

| | |
|------------------------------------|-------|
| 1600 Feet on Seven Inch Reels..... | 6.95 |
| 3600 Feet on NAB Hub..... | 14.95 |

Splicing Material

| | |
|---|------|
| Tape Splicer (Model TS-4S)..... | 6.45 |
| Mylar Splicing Tape (ST-500) (1/2" X 100")..... | .45 |

PRE-AMPLIFIERS AND BOOSTER AMPLIFIERS

Equalized Turntable Pre-Amplifier

| | |
|--|-------|
| SPOTMASTER TT-20A (600 Ohm Emitter Follower Output)..... | 46.50 |
| SPOTMASTER TT-20A (600 Ohm Transformer Balanced Output)..... | 62.50 |

Booster Amplifiers

| | |
|--|-------|
| SPOTMASTER BA-20A (600 Ohm Emitter Follower Output)..... | 46.50 |
| SPOTMASTER BA-20A (600 Ohm Transformer Balanced Output)..... | 62.50 |

Microphone Pre-Amplifier

| | |
|---|-------|
| SPOTMASTER MP1B Microphone Pre-Amplifier..... | 18.00 |
|---|-------|

Power Supply

| | |
|---|-------|
| SPOTMASTER Model PR-4B Four isolated outputs to power up to four of the above boosters or pre-amplifiers..... | 39.50 |
|---|-------|

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ACCESSORY PRICE LIST cont.

REMOTE CONTROL UNITS

| | |
|---|----------|
| SPOTMASTER BE-101 Remote Control (3 start buttons) (15' cable)..... | \$ 21.50 |
| SPOTMASTER BE-102 Remote Control (3 start/stop buttons) (15' cable)..... | 29.50 |
| Remote Control Cable Extension (extension cable - plus 20¢ per foot)..... | 5.00 |

CARTRIDGE RACKS

| | |
|--|--------|
| SPOTMASTER Model RM-100 Cartridge Rack (wall mount)..... | 40.00 |
| SPOTMASTER Model RS-200 Lazy Susan Cartridge Rack..... | 145.50 |
| SPOTMASTER Model RS-25 Rack Section..... | 12.90 |
| Two Model RS-25 Rack Sections (package price)..... | 25.00 |

DEGAUSSERS

| | |
|--|-------|
| SPOTMASTER Tape Head Demagnetizer..... | 6.95 |
| SPOTMASTER Tape Cartridge Eraser..... | 21.50 |

ALIGNMENT TAPE

| | |
|---|------|
| Monophonic Head Alignment Tape (10 kc)..... | 6.00 |
| Stereo Head Alignment Tape (10 kc)..... | 8.00 |

CLEANING FLUID

| | |
|-------------------|------|
| BE-903 4 oz..... | 1.50 |
| BE-903 16 oz..... | 4.85 |
| BE-903 32 oz..... | 7.25 |

TAPE TAGS

| | |
|--|-----|
| SPOTMASTER Tape Tags (1 to 49 sheets)..... | .10 |
| SPOTMASTER Tape Tags (50 sheets and over)..... | .09 |

QUIK-LINE ADJUSTABLE HEAD BRACKET

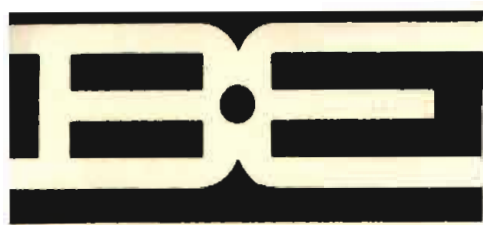
| | |
|---|-------|
| Quik-Line Adjustable Head Bracket Kit (less heads)..... | 10.95 |
| Quik-Line Adjustable Head Bracket assembled (less heads)..... | 14.95 |
| "No Mount" Twin Track Head (for use with "Quik-Line" Head Bracket)..... | 22.45 |
| "No Mount" Single Track Head (for use with "Quik-Line" Head Bracket)..... | 11.45 |
| (Specify SPOTMASTER Model and Serial Number when ordering) | |

HEAD ADJUSTMENT TOOL

| | |
|--|-----|
| SPOTMASTER Head Adjustment Tool (for use with rear mount Nortronics head)... | .85 |
|--|-----|

All Prices F. O. B. Silver Spring, Maryland
Prices Subject to Change Without Notice

Spotmaster



BROADCAST ELECTRONICS, INC.

8800 BROOKVILLE ROAD • SILVER SPRING, MARYLAND • AREA 301 JUNIPER 8-4983

September 1964

P R I C E L I S T

F I D E L I P A C T A P E C A R T R I D G E S

| <u>Type</u> | <u>Time at 7-1/2 ips - Feet</u> | | <u>Price</u> |
|-------------|---------------------------------|---------------------|--------------|
| Series 300 | 20 | seconds - 13 feet | \$2.20 each |
| Series 300 | 40 | seconds - 25 feet | 2.25 each |
| Series 300 | 70 | seconds - 44 feet | 2.35 each |
| Series 300 | 90 | seconds - 57 feet | 2.40 each |
| Series 300 | 140 | seconds - 88 feet | 2.55 each |
| Series 300 | 3-1/2 | minutes - 132 feet | 2.70 each |
| Series 300 | 5-1/2 | minutes - 207 feet | 3.00 each |
| Series 300 | 8-1/2 | minutes - 320 feet | 3.60 each |
| Series 300 | 10-1/2 | minutes - 394 feet | 4.00 each |
| Series 600 | 12-1/2 | minutes - 470 feet | 5.85 each |
| Series 600 | 16 | minutes - 600 feet | 6.45 each |
| Series 1200 | 26 | minutes - 975 feet | 9.05 each |
| Series 1200 | 31 | minutes - 1163 feet | 9.95 each |

DL CARTRIDGES - (for delayed programming)

| | |
|---|------------|
| 5 seconds to 2 minutes | 5.00 each |
| 2:01 minutes to 5 minutes | 7.50 each |
| 5:01 minutes to 8:30 minutes | 10.00 each |
| 8:31 minutes and over - prices on request | |

BLANK CARTRIDGES

| | |
|-------------|-----------|
| Series 300 | 1.95 each |
| Series 600 | 2.95 each |
| Series 1200 | 4.45 each |

Note: Cartridges loaded to any length upon request. For pricing take next highest standard cartridge price.

ANY ASSORTMENT - NO MINIMUM ORDER

3M-HD-151 BULK LUBRICATED TAPE (Heavy Duty)

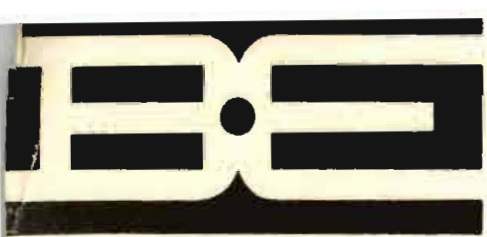
| | |
|-----------------------|------------|
| 1600 Feet on 7" Reels | 6.95 each |
| 3600 Feet on NAB Hub | 14.95 each |

SPOTMASTER TAPE-TAGS - (MINIMUM ORDER - \$2.00)

| | |
|---|----------|
| 1 to 49 sheets | .10 each |
| 50 sheets and over | .09 each |
| Eight per sheet | |
| Five Colors: Blue - Red - Green - Orange - Yellow | |

Prices Subject to Change Without Notice

Spotmaster



BROADCAST ELECTRONICS, INC.

8800 BROOKVILLE ROAD • SILVER SPRING, MARYLAND • AREA 301 JUNIPER 8-4983

March 21, 1965

SPOTMASTER INSTALLATION PLANS

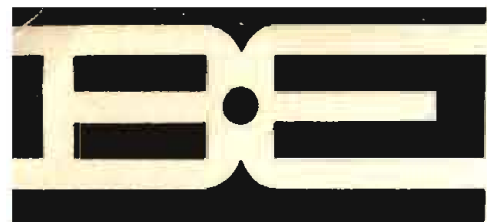
| | | "A" PLAN I | "A" PLAN II | "B" PLAN I | "B" PLAN II |
|-------------------------|----------|-------------------|-------------------|-------------------|-------------------|
| 1 SPOTMASTER 400A | @ 585.00 | \$ 585.00 | \$ 585.00 | \$ | \$ |
| 1 SPOTMASTER 405A | @ 415.00 | 415.00 | | | |
| 2 SPOTMASTER 405A | @ 415.00 | | 830.00 | | |
| 1 SPOTMASTER 500B | @ 695.00 | | | 695.00 | 695.00 |
| 1 SPOTMASTER 505B | @ 510.00 | | | 510.00 | |
| 2 SPOTMASTER 505B | @ 510.00 | | | | 1,020.00 |
| 10 40 Second Cartridges | @ 2.25 | 22.50 | 22.50 | 22.50 | 22.50 |
| 70 70 Second Cartridges | @ 2.35 | 164.50 | 164.50 | 164.50 | 164.50 |
| 10 90 Second Cartridges | @ 2.40 | 24.00 | 24.00 | 24.00 | 24.00 |
| 5 3½ Minute Cartridges | @ 2.70 | 13.50 | 13.50 | 13.50 | 13.50 |
| 5 5½ Minute Cartridges | @ 3.00 | 15.00 | 15.00 | 15.00 | 15.00 |
| 1 RM-100 Cartridge Rack | @ 40.00 | 40.00 | 40.00 | 40.00 | 40.00 |
| 1 Bulk Eraser | @ 21.50 | 21.50 | 21.50 | 21.50 | 21.50 |
| 1 Alignment Tape | @ 6.00 | 6.00 | 6.00 | 6.00 | 6.00 |
| | | <u>\$1,307.00</u> | <u>\$1,722.00</u> | <u>\$1,512.00</u> | <u>\$2,022.00</u> |

SPOTMASTER PAYMENT PLANS

| | | | | | |
|--|--|------------|------------|------------|------------|
| <u>Cash less 2%</u> | | \$1,280.86 | \$1,687.56 | \$1,481.76 | \$1,981.56 |
| <u>30-60-90 Days</u> | | | | | |
| Down Payment 25% | | \$ 326.75 | \$ 430.50 | \$ 378.00 | \$ 505.50 |
| Three Payments | | 326.75 | 430.50 | 378.00 | 505.50 |
| <u>Twelve Months @ 6% add on</u> | | | | | |
| Down Payment - 25% | | \$ 326.86 | \$ 430.53 | \$ 378.00 | \$ 505.59 |
| Twelve Payments | | 86.58 | 114.08 | 100.17 | 133.95 |
| <u>Channing Lease Plan - 36 months</u> | | | | | |
| Down Payment - 3.6% | | \$ 47.05 | \$ 61.99 | \$ 54.43 | \$ 72.79 |
| Eleven Payments - 3.6% | | 47.05 | 61.99 | 54.43 | 72.79 |
| Twelve Payments - 3.3% | | 43.13 | 56.83 | 49.90 | 66.73 |
| Twelve Payments - 3.07% | | 40.12 | 52.87 | 46.42 | 62.08 |
| Renewal Option - 4% (per year) | | 52.28 | 68.88 | 60.48 | 80.88 |
| Purchase Option - 15% (3rd year) | | 196.05 | 258.30 | 226.80 | 303.30 |
| <u>U. S. Leasing - 40 months</u> | | | | | |
| Down Payments - 3.3% | | \$ 43.13 | \$ 56.83 | \$ 49.90 | \$ 66.73 |
| Thirty-nine months - 3.3% | | 43.13 | 56.83 | 49.90 | 66.73 |
| Renewal Option - 3.3% (per year) | | 43.13 | 56.83 | 49.90 | 66.73 |
| Purchase Option - 6.6% | | 86.26 | 113.65 | 99.79 | 133.45 |

Prices Subject to Change
Without Notice

Spotmaster



BROADCAST ELECTRONICS, INC.

8800 BROOKVILLE ROAD • SILVER SPRING, MARYLAND • AREA 301 JUNIPER 8-4983

Re: Broadcast Engineering - Tech Data

Dear Sir:

Thank you for your interest in SPOTMASTER tape cartridge systems.

Since its introduction, six years ago, SPOTMASTER equipment has been installed by more than 1,500 radio and television stations in the U. S. A. alone and is in use on all continents of the world with the exception of Antarctica. The popularity of this form of tape recording is primarily due to the endless loop tape cartridge of prepacked sizes. This eliminates entirely the threading, cueing and rewinding of tape as is the case with conventional tape recorders.

Enclosed, as requested, is our complete brochure with specifications and price information on the SPOTMASTER recorder/playback units, playback only, TP-1A Tape Cartridge Winder, TT-20A Equalized Turntable Preamplifiers, cartridge racks, four suggested installation plans and several payment plans. However, as is often the case, literature alone may not answer all of the questions you have in mind. If you need additional information, please let us know. We will be happy to supply it.

Sincerely yours,

John L. Neff
John L. Neff
Vice President, Sales

JLN/mh

Enclosures

Spotmaster

Spotmaster

TAPE CARTRIDGE WINDER

**NOW
AVAILABLE!**

SPOTMASTER TAPE TIMER

A rugged, precision device for accurate tape measurement. Minute and second calibration. Installed on winder or available as an accessory. Optional. Extra.



Model TP-1B

The Spotmaster Tape Cartridge Winder is a rugged, dependable and field tested tape cartridge winder which fills a need in every station using cartridge equipment. It is no longer necessary to limit your cartridge operation by using only stock sizes or to tie up your conventional tape equipment to load tape cartridges. The Spotmaster Winder, will handle all reel sizes and runs at 22½" per second. Worn tape in old cartridges is easily replaced. New or old cartridges may be wound to any length. Write, wire or phone for complete details.

Lubricated 1 mil Mylar tape and blank cartridges are available through Broadcast Electronics.

SPECIFICATIONS:

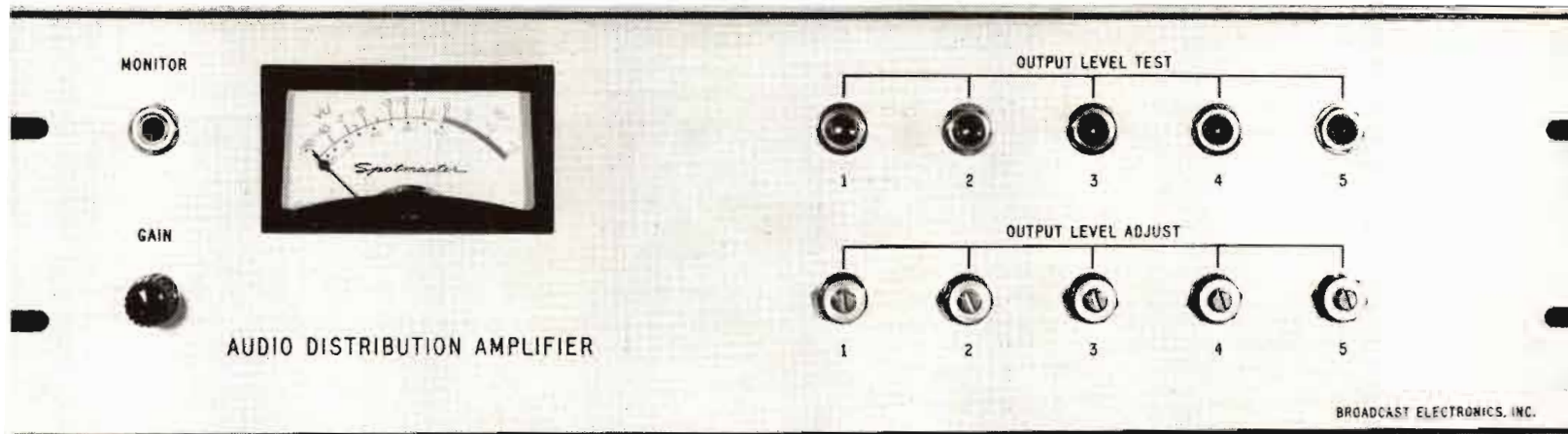
Size: 10" W x 20" L x 6¾" H
Weight: 9½ lbs.
Power Requirements: 117 v ac, 50/60 cps, 30 watts
Winding Speed: 22½ IPS
Drive Motor: 4 pole induction
Take Up Reel: Up to 7 ¼" Dia.
Capacity: Handles supply reel up to 3600' 1 mil lubricated tape.

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Spotmaster

AD1A AUDIO DISTRIBUTION AMPLIFIER 100% SOLID STATE



The SPOTMASTER ADIA all solid state Audio Distribution Amplifier is specifically designed for use by AM, FM and TV broadcast stations, recording and audio studios for the purpose of distributing audio signals to multiple points within a studio system or to telephone lines. Facilities for visual and aural monitoring of the incoming signal at the output of the line amplifier are provided on the front panel by means of a VU meter and a headphone monitor jack. The meter and headphone jack are switched to the individual output channels by means of front panel mounted momentary push button switches for the purpose of monitoring the output from each channel. Also located on the front panel are locking type controls for the purpose of adjusting the output level from each output channel.

Five highly isolated output channels are provided on the basic ADIA but these may be expanded to as many as 25 output

channels by the addition of an appropriate number of ADIA-X Extenders, each having five output channels. Metering and audio monitoring are automatically provided to the ADIA-X Extenders by strapping between the basic ADIA unit and the ADIA-X Extenders. Both units have been designed with meticulous care. Frequency response is essentially flat from 40 to 20,000 cps. Distortion is well below 1% at rated output and peak overload handling capacity is in excess of 12 db. Noise is better than 60 db below rated output with 60 db isolation between channels.

Both units are available either with output transformer or with unbalanced emitter follower outputs at a corresponding reduction in cost. Input transformers are standard on all units. Input circuitry may be operated either bridging or matching, balanced or unbalanced.

SPECIFICATIONS ADIA (Basic Unit)

Input Impedance: 600 ohms matching, 10,000 ohms bridging
Output Load Impedance: 150/600 ohms (600 ohms as shipped)
Maximum Input Level: +30 dbm
Minimum Input Level: -26 dbm matching, -10 dbm bridging
Output Level Per Channel (5): +4 dbm RMS (+14 dbm peak max.)
Gain: 30 db (matching) 14 db (bridging)
Frequency Response: ± 1 db 30 - 15,000, ± 2 db 20 - 20,000 cps
Distortion: Less than 1%
Noise: 65 db or better below rated output

Channel Separation: 60 db
Max. Ambient Temp.: 55°C
Power: 115 V, 50/60 cps, 50 watts
Dimensions: 19" wide, 5¼" high, 7⅛" deep
Weight: 9½ lbs.
Finish: Clear anodized brushed aluminum, black lettering
Mounting: 19" rack
Controls: 1 gain, 5 output level, 5 momentary meter switch
Connections: Rear panel barrier strips
Meter: 3" VU

SPECIFICATIONS ADIA-X (5 Channel Extender)

ADIA specifications apply to the ADIA-X with the following exceptions:

Input Impedance: 10 k ohms, unbalanced
Input Level: +5 dbm
Gain: Unity
Power: 115 V, 50/60 cps 40 watts

Dimensions: 19" wide, 3½" high, 7⅛" deep
Weight: 8 lbs.
Controls: 5 output level, 5 momentary meter switch
Meter: Utilizes meter on ADIA basic unit

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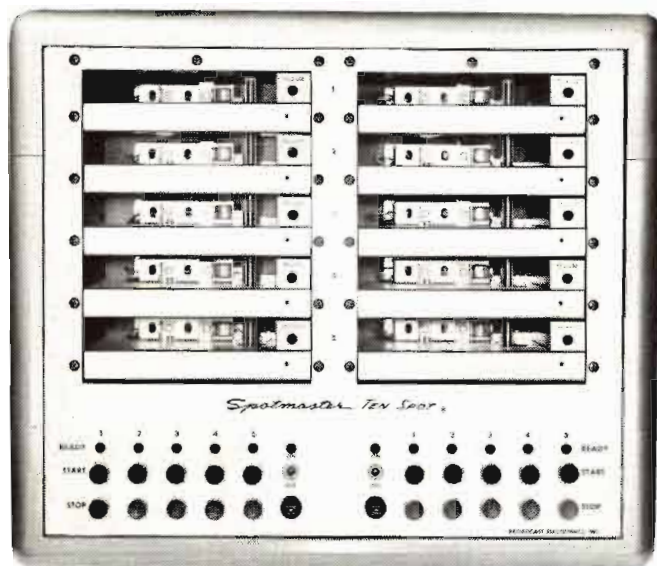
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Spotmaster

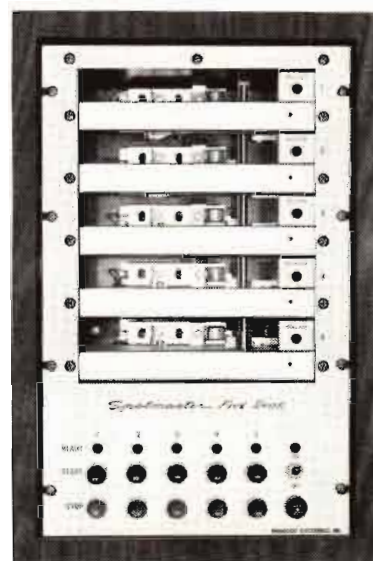
TEN SPOT

FIVE SPOT

New Dimensions in Pushbutton Broadcasting...



MODEL 610B



MODEL 605B

SPOTMASTER TEN•SPOT and FIVE•SPOT multiple cartridge reproducer units are especially designed for use in AM, FM and TV broadcast stations, recording studios and other installations requiring the use of multiple cartridges on instant demand. Both units are capable of manual operation or may be incorporated into programmed automation systems making use of one, two or three NAB standard cueing tones.

Each cartridge deck is removable from the front of the unit without affecting the operation of the remaining decks. Pressure roller force and cartridge indexing adjustments may be made from the front without removing the deck. A flywheel loaded common capstan supplies tape motive force, the flywheel in turn being driven by a heavy duty hysteresis synchronous motor. Individual power supplies are provided for each solenoid thereby making each deck independent of the other and, in the TEN•SPOT, each module of five decks is completely separate and independent of

the other five deck module both mechanically and electronically. Each reproduce channel is separately equipped with cueing amplifier/s and a program amplifier with the output level adjustable to +4 dbm by means of locking type controls. The amplifier power supply is transistorized and zener regulated.

Facilities are provided on the rear panel for remote control and for inter connections between channels so as to permit automatic sequencing from channel to channel. All amplifiers are plug-in modular units. Enclosed plug-in relays are used throughout.

The front panel is equipped with a power switch and fuse for each module of five decks. Also provided on the front panel are "start" and "stop" momentary push button switches and signal lights indicating the "ready" and "running" condition of each deck. These operating functions are extended to the remote control unit when employed.

SPECIFICATIONS

Equalization: NAB Standard
 Frequency Response: ± 2 db 50 - 12,000 cps
 ± 4 db 50 - 15,000 cps
 Distortion: 2% or less @ Normal recording level
 Signal to Noise Ratio: 55 db, ref. 3% THD
 Wow and Flutter: .2% or less (RMS)
 Tape Speed: 7½ ips (3¾ ips available)
 Output Level: Adjustable to +4 dbm @ 600 ohms
 Output Load Impedance: 600 Ohms (emitter follower)
 *600/150 Ohms (transformer output)
 Cueing Accuracy: .1 second
 Cueing Tones: Primary - 1,000 cps (Stop/Re-Cue)
 *Cue Trip #1 - 150 cps (end of message)
 *Cue Trip #2 - 8,000 cps (auxiliary)

Playing Time: 1 sec. to 16 mins. per deck @ 7½ ips
 using NAB type A & B cartridges
 Capacity: FIVE•SPOT - 5 type A or B cartridges
 TEN•SPOT - 10 type A or B cartridges
 Circuitry: All solid state
 Power Supply: Transistor filtered, zener regulated
 Power Requirement: 108-125 VAC, 60 cps,
 75 watts - FIVE•SPOT
 150 watts - TEN•SPOT
 Dimensions: FIVE•SPOT - 9-13/16" W X 15" D X 15¾" H
 TEN•SPOT - 19" W X 15" D X 15¾" H
 Weight: FIVE•SPOT - 44 pounds
 TEN•SPOT - 89 pounds

*Optional Features

BROADCAST ELECTRONICS, INC.

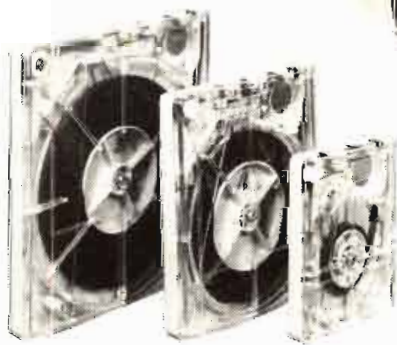
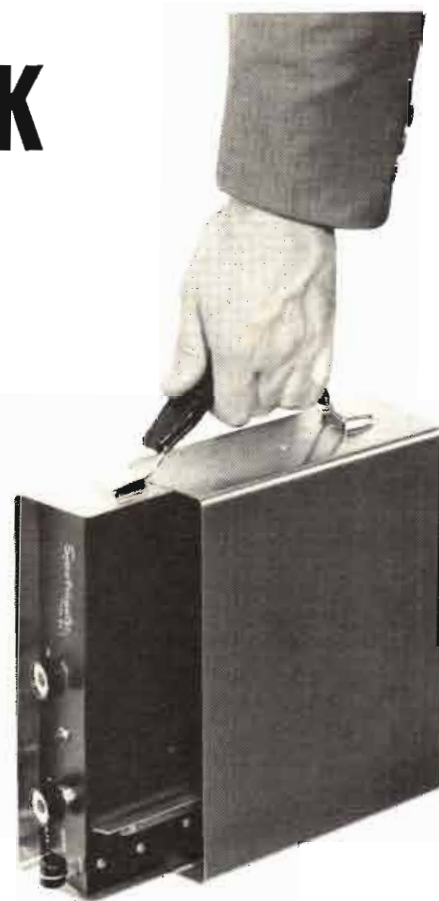
8810 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Spotmaster

PORTAPAK I

CARTRIDGE PLAYBACK

anytime! anyplace!



THE IDEAL SALES TOOL FOR THE BUSY TIME SALESMAN

FEATURES:

- Completely portable -- Plays anywhere - anytime, powered by its own self-contained, re-chargeable battery
- Battery recharges overnight from 115v ac line
- NAB Equalization
- Wide range response, low distortion
- Handles all cartridge sizes from 1 second to 31 minutes
- Volume and equalization controls
- Packaged in handsome compact stainless steel case
- Hinged lid for easy maintenance
- High efficiency self-contained monitor speaker
- 100% Solid State
- Black Vinyl Carrying Case (Optional)

SPECIFICATIONS:

Tape Speed: 7½ ips
Weight: 11½ lbs.
Power: Nickel cadmium battery, rechargeable from 115v ac line
Dimensions: 9⁵/₈" x 10³/₄" x 3³/₄"
Finish: Stainless Steel Case with black Armohide tape deck and front panel
One hour playtime before recharging

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Pushbutton Broadcasting with

Spotmaster

Cartridge Tape Recorders

Spotmaster

BROADCAST ELECTRONICS, INC.
8800 Brookville Road • Silver Spring, Maryland

Your key to pushbutton broadcasting . . .

FEATURES

- Automatic electronic pulse cueing
- Always cued for instant replay—no more rewinding or threading of tape
- Heavy duty light weight construction
- Advanced transistorized design
- Instant pushbutton stop/start for live inserts — trick programming
- Variable output control
- Wow and flutter — less than .2 of 1%
- Heavy duty hysteresis synchronous motor
- Sealed plug in relays
- Plug in tape deck
- Unitized amplifiers
- Easy access to all parts for routine maintenance
- No switching clicks, direct noise free operation
- Constant quality — no more scratchy transcriptions
- Compact table top operation — or rack mount
- Low distortion — less than 2%
- High quality — 50 to 12000 cps at 7½ IPS
- Long life cartridges — timed from 20 seconds to 31 minutes
- Designed and developed by broadcast engineers for the broadcast industry.
- Convenient storage racks for tapes
- Field tested — Field Proven
- Cue trip available on all playback models for automatic sequential switching
- Lease or purchase plan

SPOTMASTER recording and playback units are specifically designed for the commercial broadcasting industry to fill the need for tight and profitable programming of spots and commercial announcements through the use of continuous loop tape cartridges and electronic pulse cueing. The task of cueing, rewinding and threading of tapes required with conventional tape equipment is eliminated. Just insert a cartridge, push a button and your spot is on the air.

With SPOTMASTER the recording process is as simple and easy as the playback process. Insert a cartridge, establish your audio input recording level, push the record start lever and your spot or program material is recorded on a continuous loop tape with the electronic cueing pulse automatically recorded at the instant the start lever is depressed.

Spot announcements or program material recorded on continuous loop cartridges can be as short as one second or as long as 31 minutes with automatic electronic pulse cueing between spots. Automatic rotation of spots is assured when desired. Transcribed spots dubbed to tape cartridges can be played and replayed through the run of a contract without loss of quality. No more scratchy transcriptions, no more missed cues, no more wrong speeds. Jingles, station breaks, and sound effects are instantly available, always cued and ready for use. SPOTMASTER offers all of this and more.

Guaranteed against material or workmanship defects for one year!

Pushbutton broadcasting is yours with Spotmaster!

COMPACT MODELS

The Spotmaster 500 Combination Unit

Spotmaster BE 500 — Specifications

Size: 10 $\frac{1}{4}$ " W, 12 $\frac{1}{2}$ " L, 6 $\frac{3}{4}$ " H

Weight: 18 lbs.

Speed: 7 $\frac{1}{2}$ " IPS

Power Requirements: 105-125 v ac, 60 cps, 50 watts
(50 cps optional extra)

Motor: Hysterisis Synchronous

Microphone Input: (150 ohms) .5 millivolts (compact model only)

Line Input: (Bridging) .2 volt

Output: 500 ohms nominal, \circ VU variable
(Transformer output optional extra)

Frequency Response: 50 — 12000 cps \pm 2 db

Harmonic Distortion: Less than 2% (1000 cps @ \circ VU)

Signal to Noise Ratio: 50 db below 2% distortion

Wow and Flutter: Less than .2 of 1%

Controls: Gain, On-Off

Record-Play Switch

VU Meter Selector

Start Switch

Stop Switch

Output Level

Transistors: Low noise, low leakage.

Tubes: Recording Amplifier only

Two 12AX7 One 12AU7 One 12AV6



Spotmaster BE 500 — Combination Recorder-Playback Unit

A COMPLETE RECORDER - PLAYBACK
UNIT IN ONE COMPACT PACKAGE!

And The Companion Playback Unit

Spotmaster BE 505 — Specifications

Size: 10 $\frac{1}{4}$ " W, 12 $\frac{1}{2}$ " L, 6 $\frac{3}{4}$ " H

Weight: 15 lbs.

Speed: 7 $\frac{1}{2}$ " IPS

Power Requirements: 105 — 125 v ac, 60 cps, 40 watts
(50 cps optional extra)

Motor: Hysterisis Synchronous

Output: 500 ohms nominal, \circ VU variable
(Transformer output optional extra)

Frequency Response: 50 — 12000 cps \pm 2 db

Harmonic Distortion: Less than 2%

Signal to Noise Ratio: 50 db below output level

Wow and Flutter: Less than .2 of 1%

Controls: On-Off

Start

Stop

Output Level

Transistors: Low noise, low leakage.

Cue Trip available for sequential switching



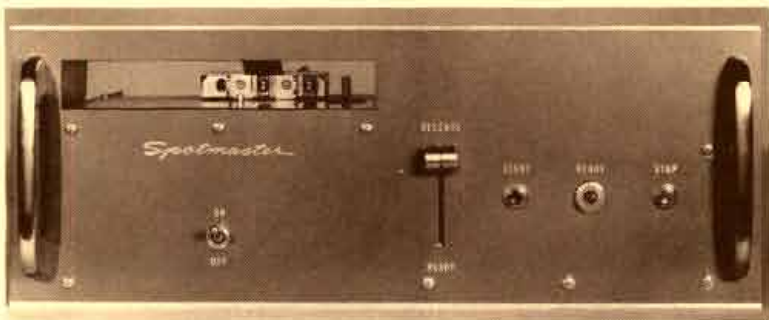
Spotmaster BE 505 — Playback Unit

SPOTMASTER 500R and 505R for RACK MOUNTING



Model 500R — Combination Recorder-Playback Unit

Sizes: 7" H x 19" W x 14" D
Weight: 28 lbs.



Model 505R — Playback Unit

Size: 7" H x 19" W x 14" D
Weight: 26 lbs.

FEATURES

Furnished complete with rack chassis slides ready to mount in your rack. Each unit slides in and out of the rack for ease of head and capstan cleaning, as well as other routine maintenance. All connections are made by use of convenient plugs in common use in all broadcast stations. Amplifiers and other components are conveniently placed for ease in servicing.

The Model 500R is a complete recorder-playback unit and mounts in only 7 inches of rack space, as does the matching playback unit, Model 505R. Playback units may be mounted in multiple to provide complete facilities in one rack. Plug-in remote control as well as cue-trip amplifiers for automatic sequential switching available as optional extras on all playback units.

Panel finish — Metallic grey with raised aluminum lettering.

For electrical specifications, see Page Two.

STEREO MODELS 500S and 505S

Both the SPOTMASTER basic Model 500 and 505 can be supplied in stereo models bearing the designation 500S and 505S. The Model 505S (playback only) is available in either the COMPACT version or for rack mounting. In each case the size is the same as the corresponding monophonic model. The 500S is available only in the COMPACT version and the size is 17" W x 15" D x 7 $\frac{3}{4}$ " H. Electrical specifications per channel are essentially the same as in corresponding monophonic models. More complete information available upon request.

BROADCAST ELECTRONICS, INC.

8800 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Presenting

Spotmaster

World's Leading Brand of Tape Cartridge Equipment



GOLDEN ANNIVERSARY OF BROADCASTING COMMEMORATIVE COIN
— COMMISSIONED BY BROADCAST ELECTRONICS, INC. —



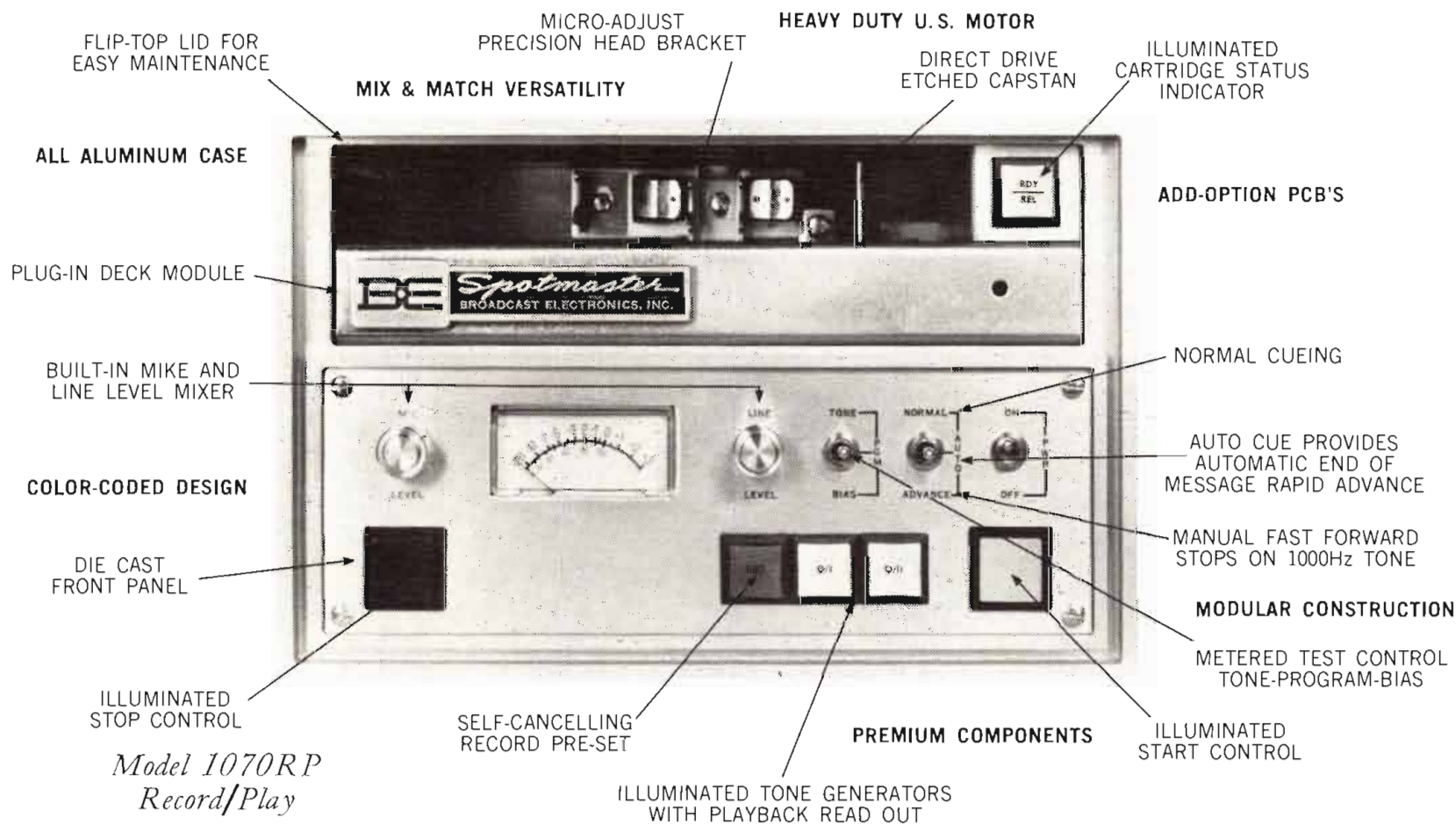
BROADCAST ELECTRONICS, INC.
— A FILMWAYS COMPANY —

8810 BROOKVILLE ROAD • SILVER SPRING, MD. 20910
PHONE 301 - 588-4983 • CABLE "SPOTMASTER"

Spotmaster

Incomparable **TEN/70**

Bold new standard for tape cartridge excellence



SPOTMASTER + TEN/70 - NEW FORMULA FOR SUCCESS

Every new concept in tape cartridge engineering has been incorporated into the Ten/70 line. Spotmaster's long years of leadership and specialization have creat-

ed the ultimate in equipment design. These rugged, versatile models represent the superior at sensible prices. Full year warranty.

SPECIFICATIONS

Equalization: NAB Standard
 Frequency Response: 50-15,000Hz ± 2 db
 30-18,000Hz ± 4 db
 Distortion: 1% or less @ 0 VU 400Hz
 Signal to Noise: -57db or better
 Wow & Flutter: 0.2% or better
 Cross Talk: Cue/Program -55db or better
 Output: -10dbm/0dbm/+8dbm Switchable
 Adjustable 10dbm each position to maximum +18dbm
 Output Impedance: 600 ohms balanced
 Alternate strapping for 150 ohms
 Speed: 7.5 IPS accurate 0.2% or better. Fast Forward to 22.5 IPS (Other speeds optional)
 Motor: Direct Drive Hysteresis Synchronous
 Cue Tones: Primary - 1,000Hz (Stop/Re-Cue)
 Tertiary - 8kHz (Auxiliary) (Optional)
 Secondary - 150Hz (End of Message) (Optional)
 Cueing Accuracy: 0.1 second

Capacity: Size A or B NAB Standard Cartridge
 *Input: Line -24dbm to 0dbm or 0dbm to +30dbm Switchable @ 10,000 ohms bridging balanced
 Mike 0.1mv @ 150 ohms balanced (Optional)
 Power Requirement: 105-125V ac/60Hz/50W (50Hz Optional @ 125V or 220V)
 Controls: Start *Record Preset
 Stop *Line Level
 On-Off *Mike Level
 *VU Meter Advance
 Cartridge Release
 Optional: Cue I (150Hz) Generator*/Sensor
 Cue II (8kHz) Generator*/Sensor
 Auto Cue Automatic Advance
 Size: 5-3/8"H, 8 1/2"W, 11"D
 Shipping Weight: 15 lbs.
 *Applies to RP Models Only

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster



MODEL 1070P
PLAYBACK

This top-of-the line playback model, like all Ten/70 units features compact and lightweight silhouette styling . . . Stack them, rack them, or use alone where space is critical. All Ten/70 models offer manual fast forward enhanced by optional Auto-Cue providing automatic high speed advance to next message. Optional tone sensors, too, for versatile auxiliary switching.



MODEL 1070RP-DL
RECORD/PLAY/DELAY

Our pioneering concept to offer three units in one is retained in this model . . . Use it as a recorder . . . switch to play only . . . or flip a switch for DL Mode allowing for delayed programming of 5-sec. to 16-min. Ideal for telephone talk shows . . . Sensor objectionable material instantly with Mute control.



MODEL 1070RP-S
STEREO RECORD/PLAY

Stereo's an old word at SPOTMASTER . . . we've built more of these for broadcasters than all others combined. Ten/70 meets the most demanding needs of today's FM programming and does it all in half the space of a standard rack unit! The full range of Ten/70 options is available in this unit, too.



MODELS 1070RP & 1070P
WITH RACK PANEL ADAPTOR

Here's where Ten/70 leaves the others behind. Take any two units, add our exclusive rack panel adaptor and you have a pair ready for instant rack-mounting. No cutting, drilling or expensive modification. Chassis rolls out for easy service and you can add or remove a unit instantly.



MODEL 1070RP WITH RACK
PANEL ADAPTOR & RM-10 CARTRIDGE RACK

Want rack-mounted convenience in odd numbers? Add the RM-10 storage rack to any Ten/70 model, install in a rack panel adaptor and you have built-in storage convenience for 10 Series 300 Cartridges all in just 7-inches vertical space.

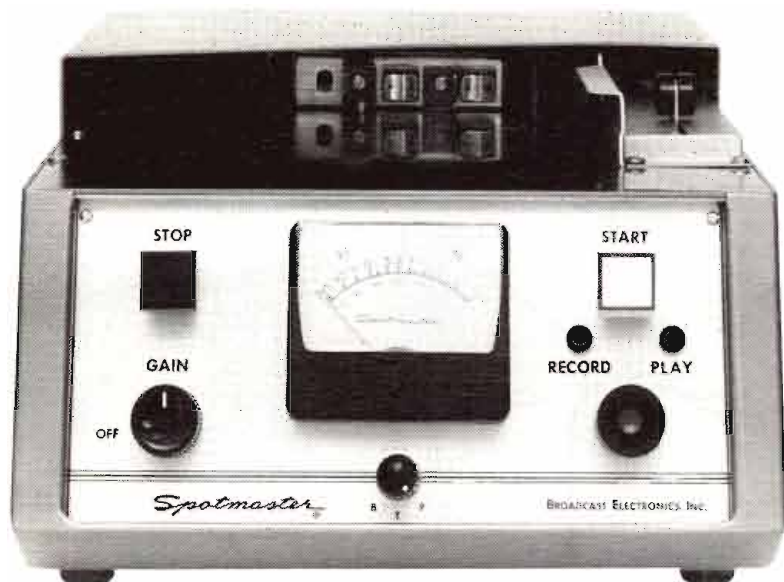
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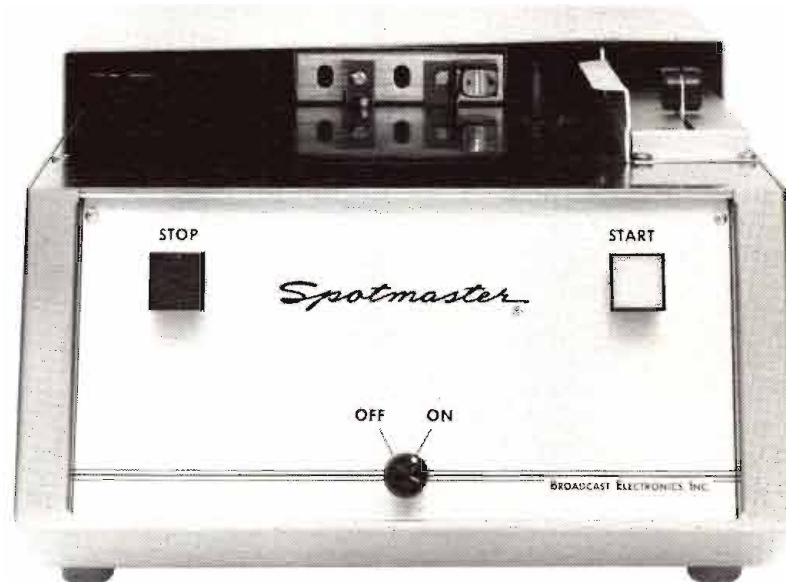
Spotmaster

The COMPACT 500 Series

Model C . . . Traditional Favorite . . . Moderately Priced



THE SPOTMASTER 500 C
Combination Recorder-Playback Unit



THE SPOTMASTER 505 C
Companion Playback Unit

C MODELS . . . MEET OR EXCEED NAB SPECIFICATIONS

Model C equipment includes models to match every programming need: record-playback and play-back-only . . . compact and rack-mount. Specifications and performance equal or exceed NAB requirements. Features include new styling and ease of operation, all silicon solid-state modular design, choice of 1,

2 or 3 automatic electronic cueing tones, separate record and play heads, with adjustable headmounts, A-B monitoring, biased cue recording, triple zener controlled power supply, transformer output, automatic record pre-set. Full Year Guarantee.

SPECIFICATIONS

Equalization: NAB Standard.
Frequency Response: ± 2 db 50–12,000 Hz @ 7.5 IPS.
 ± 3 db 40–15,000 Hz @ 7.5 IPS.
Distortion: 2% or less @ 0 VU recording level.
Signal to Noise Ratio: 50 db or better.
Wow and Flutter: 0.2% or less @ 7.5 IPS.
Tape Speed: 7.5 IPS.
°Input (Line): 0.1 Volt (Bridging)
°Input (Microphone, 150 ohms): 0.5 mv. (compact models only)
Output: +4 dbm @ 600 ohms. (Transformer output)
Cue-Tones: Primary—1,000 Hz (stop)
Cue-Trip #1—150 Hz (optional)
Cue-Trip #2—8,000 Hz (optional)
Cueing Accuracy: 0.1 second.
Starting Time: 0.05 second.

Power Requirement: 105-125 V ac, 60 Hz, 50 watts (115/220 ac, 50 Hz optional extra).
Playing Time: 1 second to 31 minutes @ 7.5 IPS.
Motor: Hysteresis Synchronous (Heavy Duty)
Controls: °Gain
°Automatic Record Pre-set
°VU Meter Selector
Start Switch
Stop Switch
Output Level
On-Off
Size: 10-1/4" W, 12-3/4" L, 6-5/8" H.
Weight: 18 lbs. (model 500) 15 lbs. (model 505)
Finish: Silver Gray and satin etched aluminum panel.
°Applies to Model 500 combination Record/Play units only.

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

The COMPACT 400 Series

Dependability at lowest possible cost



THE SPOTMASTER 400 A
Combination Recorder-Playback Unit



THE SPOTMASTER 405 A
Companion Playback Unit

TRADITIONAL SPOTMASTER PERFORMANCE FOR THE ECONOMY-MINDED STATION

Don't let their low price fool you. These all-silicon solid state SPOTMASTER 400's are built up to a standard not down to a price. Offered in record-playback (Model 400) and playback-only (Model 405) versions,

even the smallest station can enjoy SPOTMASTER pushbutton broadcasting. Now supplied with adjustable head mounts at no extra cost. All units carry a 90-day parts and labor guarantee.

SPECIFICATIONS

Equalization: NAB Standard.
Frequency Response: ± 2 db 50-12,000 Hz @ 7.5 IPS.
Distortion: 2% or less @ 0 VU recording level.
Signal to Noise Ratio: 50 db or better.
Wow and Flutter: 0.2% or less @ 7.5 IPS.
Tape Speed: 7.5 IPS.
*Input (Line): 0.1 Volt (Bridging) (Mike input optional)
Output: -10 dbm @ 600 ohms. (Transformer output optional extra.)
Cue-Tones: Primary-1,000 Hz (stop)
Cue-Trip #1- 150 Hz (optional)
Cueing Accuracy: 0.1 second.
Starting Time: 0.1 second.
Playing Time: 1 second to 31 minutes @ 7.5 IPS.

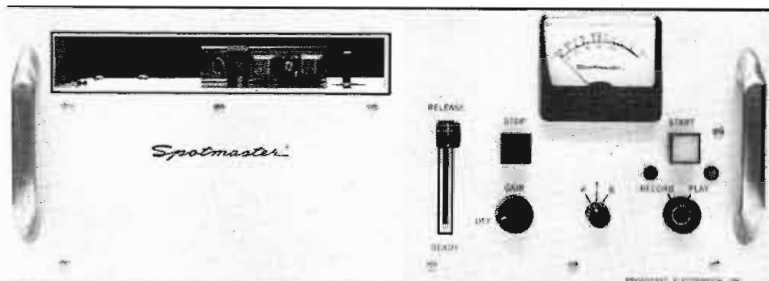
Power Requirement: 105-125 V ac, 60 Hz, 45 watts (115/220 ac, 50 Hz optional extra).
Power Supply: Zener Controlled. Bridge Rectifier.
Motor: Hysteresis Synchronous (Heavy Duty)
Controls: *Gain
*Record/Play/Switch
Start Switch
Stop Switch
Output Level
On-Off
Size: 10-1/4"W, 12-3/4"L, 6-5/8"H.
Weight: 18 lbs. (model 400A) 15 lbs. (model 405A)
Finish: Silver gray with ebony panel.
*Applies to Model 400 combination Record/Play units only.

BROADCAST ELECTRONICS, INC.

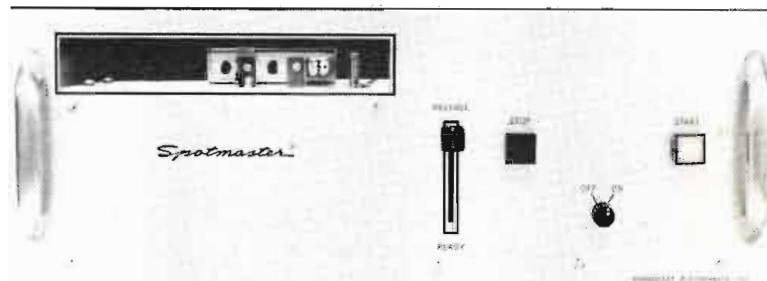
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Spotmaster

Rack-Mount 500 C Models



500CR COMBINATION RECORD/PLAYBACK UNIT



505CR PLAYBACK UNIT

Furnished complete with rack chassis slides ready to mount, each unit slides out of the rack for easy head and capstan cleaning and other routine maintenance. All connections are made by plugs in common use at broadcast stations. Amplifiers and other components are engineered and placed for servicing ease.

Spotmaster rack-mount models require only 7 inches of rack space — playback units may be mounted in multiple

to provide complete facilities in one rack. Plug-in remote control and Cue-Trip amplifiers for automatic sequential switching are available as optional extras.

Electrical specs: Identical to Model C compacts
Panel: Satin finish etched aluminum

Size: 7"H x 19"W x 14 $\frac{3}{4}$ "D

Weight: 500CR, 23 lbs.
505CR, 21 lbs.

Programming Accessories

REMOTE CONTROL UNITS

BE 101 & 102 are designed to externally control up to three single deck units. BE-101 offers start function only on convenient desk-top panel with 15-feet of cable. BE-102 adds stop controls.

BE-105 is exclusively designed for TEN•SPOT or FIVE•SPOT Systems. Completely illuminated start and stop controls in handsome console.

BE-106 adds sequence indicators for logic memory of next deck scheduled.



TELCO TELEPHONE ANSWERING UNITS

All SPOTMASTER playback units can be adapted for automatic telephone response. Install the Telco IIIA between the unit and a standard Bell System Recorder Coupler. Allows pre-recorded messages, advertising, audio reports, etc. to automatically respond to incoming calls. Add the TC-4 Counter for automatic registration of all calls. SPOTMASTER also builds complete telephone response systems. Call or write for specific information concerning special requirements.



TELCO III A

BROADCAST ELECTRONICS, INC.

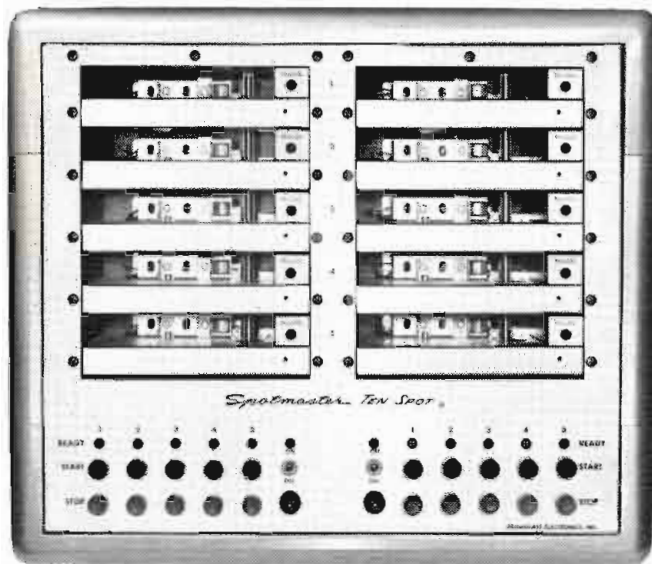
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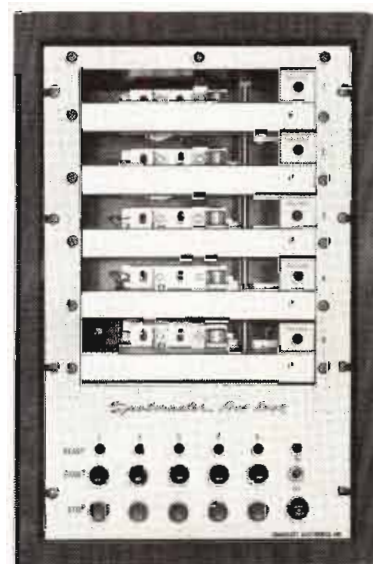
TEN SPOT®

FIVE SPOT®

Multiple Cartridge Playback Systems



MODEL 610B



MODEL 605B

SPOTMASTER TEN•SPOT and FIVE•SPOT multiple cartridge units are capable of manual operation or may be incorporated into programmed automation systems making use of one, two or three NAB standard cueing tones.

A flywheel loaded common capstan supplies tape motive force, the flywheel in turn being driven by a heavy duty hysteresis synchronous motor. Individual power supplies are provided for each solenoid thereby making each deck independent of the other and, in the TEN•SPOT, each module of five decks is completely separate and independent of the other five deck module

both mechanically and electronically. Each reproduce channel is separately equipped with cueing amplifier/s and a program amplifier with the output level adjustable to +4 dbm by means of locking type controls. The amplifier power supply is transistorized and zener regulated.

Facilities are provided on the rear panel for remote control and for inter connections between channels so as to permit automatic sequencing from channel to channel. All amplifiers are plug-in modular units. Enclosed plug-in relays are used throughout.

OPTIONAL ACCESSORIES

- BE 106 REMOTE CONTROL . . . Five Start/Stop functions plus illuminated sequence indicator.
- BE 105 REMOTE CONTROL . . . Five illuminated Start/Stop controls on desk-top panel.
- SW 5A AUDIO SWITCHER . . . Provides a single balanced output automatically muting non-active channels.

SPECIFICATIONS

Equalization: NAB Standard
Frequency Response: ± 2 db 50 - 12,000 Hz
 ± 4 db 50 - 15,000 Hz
Distortion: 2% or less @ Normal recording level
Signal to Noise Ratio: 55 db, ref. 3% THD
Wow and Flutter: .2% or less (RMS)
Tape Speed: 7½ ips (3¾ ips available)
Output Level: Adjustable to +4 dbm @ 600 ohms
Output Load Impedance: 600 Ohms (emitter follower)
*600/150 Ohms (transformer output)
Cueing Accuracy: .1 second
Cueing Tones: Primary - 1,000 Hz (Stop/Re-Cue)
*Cue Trip #1 - 150 Hz (end of message)
*Cue Trip #2 - 8,000 Hz (auxiliary)

*Optional Features

Playing Time: 1 sec. to 16 mins. per deck @ 7½ ips
using NAB type A & B cartridges
Capacity: FIVE•SPOT - 5 type A or B cartridges
TEN•SPOT - 10 type A or B cartridges
Circuitry: All silicon solid state
Power Supply: Transistor filtered, zener regulated
Power Requirement: 108-125 VAC, 60 Hz,
75 watts - FIVE•SPOT
150 watts - TEN•SPOT
Dimensions: FIVE•SPOT - 9-13/16" W X 15" D X 15¾" H
TEN•SPOT - 19" W X 15" D X 15¾" H
Mounting: TEN•SPOT - 19" rack
FIVE•SPOT - Walnut Formica Cabinet
(illustrated) or 19" rack panel
with cartridge storage cubicle
Weight: FIVE•SPOT - 44 pounds
TEN•SPOT - 89 pounds

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

RUSSCO BROADCAST TURNTABLES



CUSTOM STUDIO-PRO — 2 SPEED

- Precision engineered for rugged, quiet dependable operation.
- Solid cast aluminum chassis and turntable.
- Illuminated speed indicators.
- Tightest cue potential in the industry.

SPECIFICATIONS

Dimensions: 15 1/2" x 15 1/2" Weight: 20 lbs.
Wow & Flutter: Less than .2% Motor: Hysteresis
Rumble: 38 db below NAB level @ 33 and 45 RPM
Bearings: Bronze Oilite throughout
Power Requirement: 110V AC 60Hz (50Hz Available)

ALSO FEATURING A COMPLETE LINE OF GRAY AND REK-O-KUT TONE ARMS.

ELECTRO-VOICE MICROPHONES



635A Broadcast Dynamic

Popular light-weight mike for hand or stand use. Omnidirectional pattern with 80-13,000Hz response. Low impedance. Comes with clamp and neck cord.



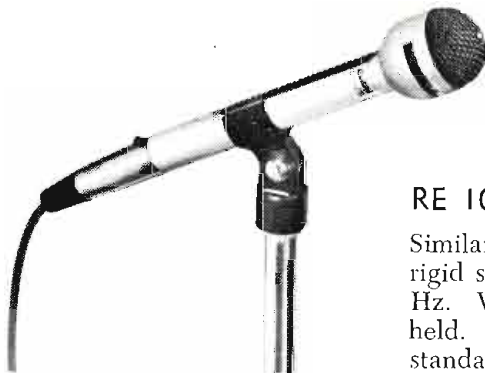
654A Slim Trim

An omnidirectional dynamic microphone with excellent 50-15,000Hz response. Use on stand, hand-held or lavalier. Comes with clamp and neck cord.



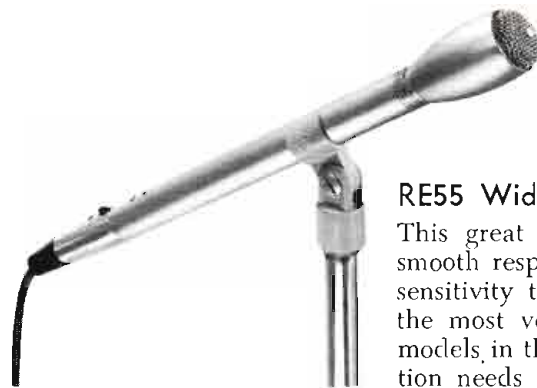
RE 15 Super Cardioid

Offers virtually identical response at any pattern position. A rugged professional mike for the most exacting requirements.



RE 10 Super Cardioid

Similar to RE15 but with less rigid specs. Response 80-13,000 Hz. Weighs only 6 oz. hand held. Comes with case and standard stand clamp.



RE55 Wide-Range Dynamic

This great new mike offers wide smooth response 40-20,000Hz, low sensitivity to shock and is one of the most versatile omnidirectional models in the E-V line. Every station needs at least one.

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8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

TPIB TAPE CARTRIDGE WINDER



The Spotmaster Tape Cartridge Winder is a rugged, dependable and field tested tape cartridge winder which fills a need in every station using cartridge equipment. It is no longer necessary to limit your cartridge operation by using only stock sizes or to tie up your conventional tape equipment to load tape cartridges. The Spotmaster Winder, will handle all reel sizes and runs at 22½" per second. Worn tape in old cartridges is easily replaced. New or old cartridges may be wound to any length. TP60B Tape Timer installed, optional.

SPECIFICATIONS:

Size: 10" W x 20" L x 6¾" H
Weight: 9½ lbs.
Power Requirements: 117 v ac, 50/60 Hz, 30 watts
Winding Speed: 22½ IPS
Drive Motor: 4 pole induction
Take Up Reel: Up to 7 1/4" Dia.
Capacity: Handles supply reel up to 3600' 1 mil lubricated tape.

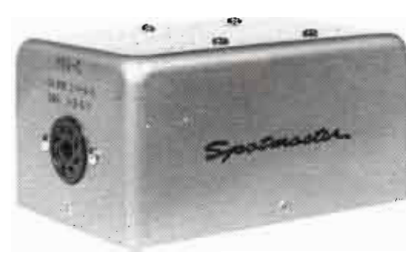
TT20B EQUALIZED TURNTABLE PREAMPLIFIER



TT-20B
(Equalized Turntable Preamp)

SPECIFICATIONS: (TT-20B)

SIZE: 2 1/2" x 2 1/2" x 5 1/2" overall
WEIGHT: 8 ounces
POWER REQUIREMENTS: Min. 6 volts DC @ 3.75 ma
Max. 20 volts DC @ 20 ma
INPUT: Variable Reluctance
Pickup Cartridge (VRII, Hi Z)
INPUT LEVEL: 45 mv max
OUTPUT: 500 ohms or higher
(emitter follower)
with transformer output, optional extra



PR-4C
(Power Supply)

OUTPUT LEVEL: -12 dbm (15 db peak factor)
DISTORTION: Less than 1%
NOISE LEVEL: Better than 65 db below
rated output.
FREQUENCY RESPONSE: ± 2 db30-15000 Hz
(NAB Test record,
VRII Hi Z pickup cartridge)

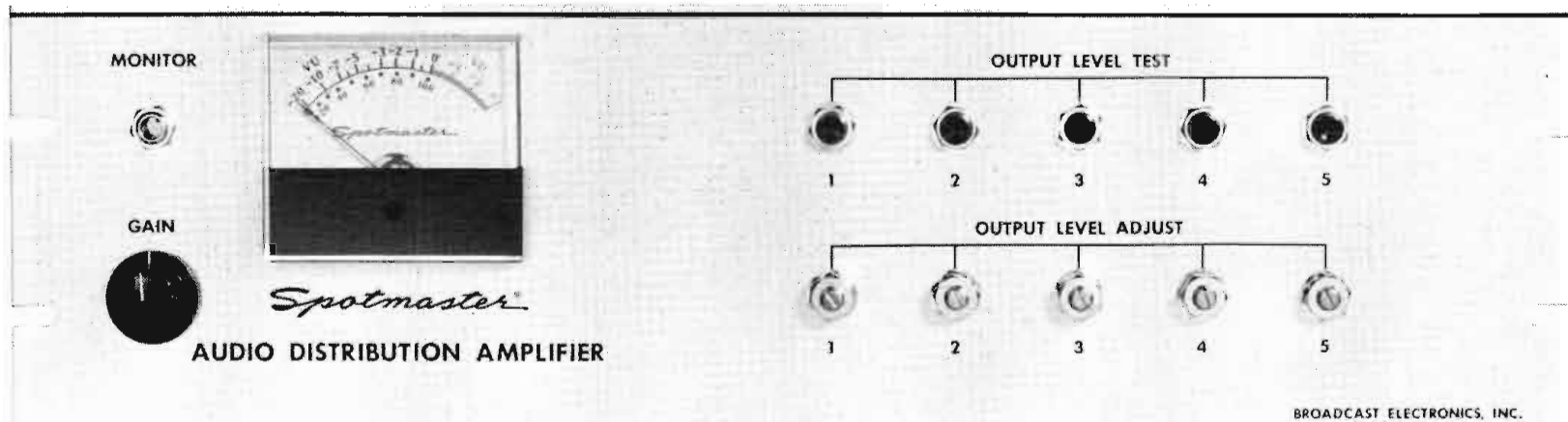
The Model PR-4C transistor power supply is available for use with the TT-20B, if desired. Four individually filtered 18 volt DC power sources are provided to power up to four TT-20B preamplifiers.

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Spotmaster

AD1B AUDIO DISTRIBUTION AMPLIFIER 100% SOLID STATE



The SPOTMASTER AD1B all solid state Audio Distribution Amplifier is specifically designed for use by AM, FM and TV broadcast stations, recording and audio studios for the purpose of distributing audio signals to multiple points within a studio system or to telephone lines. Facilities for visual and aural monitoring of the incoming signal at the output of the line amplifier are provided on the front panel by means of a VU meter and a headphone monitor jack. The meter and headphone jack are switched to the individual output channels by means of front panel mounted momentary push button switches for the purpose of monitoring the output from each channel. Also located on the front panel are locking type controls for the purpose of adjusting the output level from each output channel.

Five highly isolated output channels are provided on the basic AD1B but these may be expanded to as many as 25 output

channels by the addition of an appropriate number of AD1B-X Extenders, each having five output channels. Metering and audio monitoring are automatically provided to the AD1B-X Extenders by strapping between the basic AD1B unit and the AD1B-X Extenders. Both units have been designed with meticulous care. Frequency response is essentially flat from 40 to 20,000 Hz. Distortion is well below 1% at rated output and peak overload handling capacity is in excess of 10 db. Noise is better than 60 db below rated output with 60 db isolation between channels.

Both units are available either with output transformer or with unbalanced emitter follower outputs at a corresponding reduction in cost. Input transformers are standard on all units. Input circuitry may be operated either bridging or matching, balanced or unbalanced.

SPECIFICATIONS AD1B (Basic Unit)

Input Impedance: 600 ohms matching, 10,000 ohms bridging
Output Load Impedance: 150/600 ohms (600 ohms as shipped)
Maximum Input Level: +30 dbm
Minimum Input Level: -26 dbm matching, -10 dbm bridging
Output Level Per Channel (5): +4 dbm RMS (+14 dbm peak max.)
Gain: 30 db (matching) 14 db (bridging)
Frequency Response: ± 1 db 30 - 15,000, ± 2 db 20 - 20,000 cps
Distortion: Less than 1%
Noise: 65 db or better below rated output

Channel Separation: 60 db
Max. Ambient Temp.: 55°C
Power: 115 V, 50/60 Hz, 50 watts
Dimensions: 19" wide, 5¼" high, 7⅞" deep
Weight: 9½ lbs.
Finish: Clear anodized brushed aluminum, black lettering
Mounting: 19" rack
Controls: 1 gain, 5 output level, 5 momentary meter switch
Connections: Rear panel barrier strips
Meter: 3" VU

SPECIFICATIONS AD1B-X (5 Channel Extender)

AD1B specifications apply to the AD1B-X with the following exceptions:

Input Impedance: 10 k ohms, unbalanced
Input Level: +5 dbm
Gain: Unity
Power: 115 V, 50/60 Hz 40 watts

Dimensions: 19" wide, 5¼" high, 7⅞" deep
Weight: 8 lbs.
Controls: 5 output level, 5 momentary meter switch
Meter: Utilizes meter on AD1B basic unit

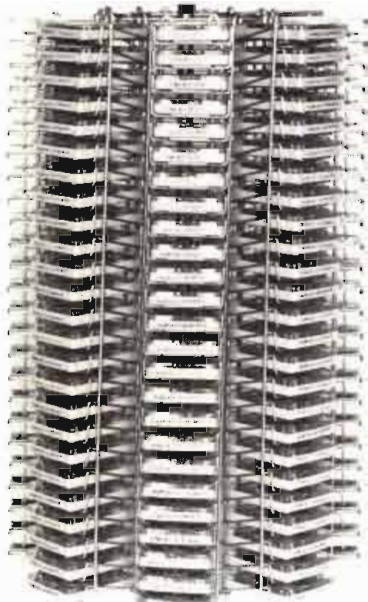
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Spotmaster

TAPE CARTRIDGE STORAGE EQUIPMENT

WIRE UNITS



LS-200 LAZY SUSAN

Holds 200 cartridges on rotating stand. Ideal for large storage situations requiring mobility. Equipped with 4 heavy-duty casters and constructed of rugged steel rod finished bright zinc. Each individual RS-25 section is removable 51 $\frac{1}{4}$ " high, 20 $\frac{1}{2}$ " diameter.



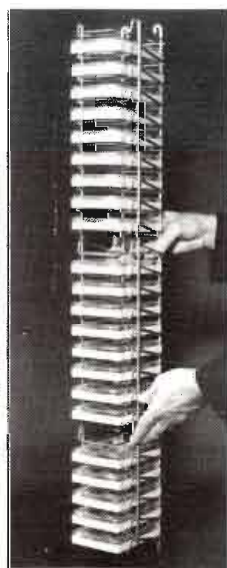
LS-200



LS-100 LAZY SUSAN

Designed for table top use. Holds 100 cartridges with 4 removable RS-25 sections. Weighted base. Ball bearing rotating stand. 39" high, 15" diameter.

LS-100

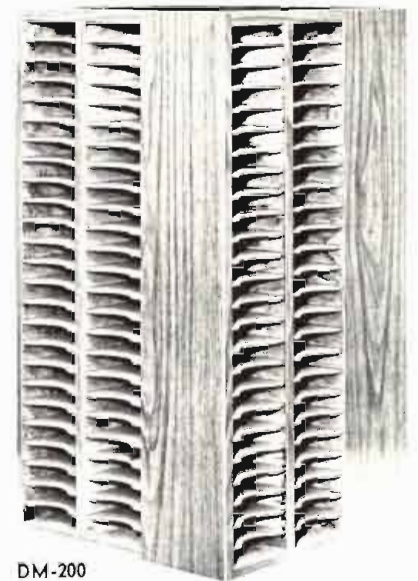


RS-25 RACK SECTION

MODULAR UNITS



DM-72



DM-200

DESK MOUNT MODULES — Rotating racks present four-sided storage in attractive Walnut Formica. DM-72 holds 72 cartridges, measures only 22" x 11" x 11". DM-200 provides 200 storage slots. 29 $\frac{1}{2}$ " x 15 $\frac{3}{4}$ " x 15 $\frac{3}{4}$ "

RM-100 WALL MOUNT RACK

— Holds 100 series 300 cartridges in minimum space. Walnut Formica trim. 2' x 2' x 4-3/8".



RM-100

RM-20 is designed for standard 19" rack installation. Put vacant rack space to good use. Holds 20 series 300 cartridges in only 5 $\frac{1}{4}$ " vertical space. Made of aluminum. Comes ready to assemble.



RM-20

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

FIDELIPAC CARTRIDGES



Series 300, 600, 1200 available empty or in assorted pre-loaded sizes . . . Custom winding provided . . . Complete stock of cartridge replacement parts. No minimum orders.

TAPE SPLICER



Model TS7S by Robins is ideal for cartridge splicing . . . Two-position cutting assembly cuts tape on 45° bias then shifts for "Gibson-Girl" trim . . . Comes complete with tape . . . Extra splicing tape, too, in two convenient sizes.

LUBRICATED TAPE

World-renowned Scotch Recording Tape type HD-154 specifically recommended by Spotmaster for tape cartridge use . . . A heavy-duty tape featuring a special lubricated surface for cleaner, longer tape life . . . 1800 feet/7-inch reel or 3600 feet/NAB Hub.



BE-903 CLEANING FLUID

Our exclusive special blend was developed to meet stringent broadcaster requirements . . . Quickly dissolves accumulated tape oxides . . . Will not harm heads or rubber parts . . . Safe to use . . . 4 oz. bottles, 16 and 32 oz. cans.



DEGAUSSERS

Handy bulk eraser essential for cartridge users . . . Assures clean, noiseless tape . . . Pushbutton switch . . . 6-foot cord. Head demagnetizer indispensable for maximum head response . . . handy tubular design . . . will not scratch heads. 117 VAC, 50/60 Hz.

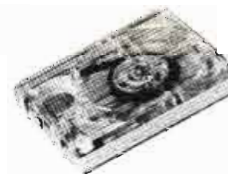


REPLACEMENT HEADS

Broadcast Electronics' complete selection of high-quality replacement heads always available for immediate shipment . . . Accept no substitutes . . . insist on genuine Spotmaster Replacement Heads.

ALIGNMENT TAPE

Specially pre-recorded cartridge contains 10 kHz alignment tone . . . Essential for proper head azimuth adjustment.



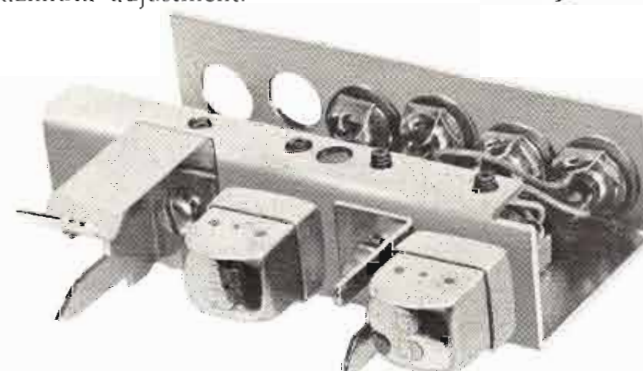
TAPE TAGS

Handy self-adhesive labels especially die-cut and color-coded for cartridge cataloging . . . Each label fits cartridge perfectly . . . Room for three typewritten lines . . . Sheets of 8 tags each . . . Eight distinctive colors.



TP 60-B TAPE TIMER

Precise tape or speed measuring device . . . Scale calibrated in minutes and seconds at 7½ or 3¾ IPS . . . Features reset knob and strobe disc for speed checks . . . Use with reel-to-reel or cartridge units.



ADJUSTABLE HEAD BRACKET

The Spotmaster Adjustable Head Bracket makes quick work of head alignment . . . Fits all Spotmaster models and uses standard rear-mount heads. . . Specify one or two head mounts when ordering.

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Spotmaster



MODEL 1070P
PLAYBACK

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MODEL 1070RP-DL
RECORD/PLAY/DELAY

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MODEL 1070RP-S
STEREO RECORD/PLAY

Stereo's an old word at SPOTMASTER . . . we've built more of these for broadcasters than all others combined. Ten/70 meets the most demanding needs of today's FM programming and does it all in half the space of a standard rack unit! The full range of Ten/70 options is available in this unit, too.



MODELS 1070RP & 1070P
WITH RACK PANEL ADAPTOR

Here's where Ten/70 leaves the others behind. Take any two units, add our exclusive rack panel adaptor and you have a pair ready for instant rack-mounting. No cutting, drilling or expensive modification. Chassis rolls out for easy service and you can add or remove a unit instantly.



MODEL 1070P WITH RACK
PANEL ADAPTOR & RM-10 CARTRIDGE RACK

Want rack-mounted convenience in odd numbers? Add the RM-10 storage rack to any Ten/70 model, install in a rack panel adaptor and you have built-in storage convenience for 10 Series 300 Cartridges all in just 7-inches vertical space.

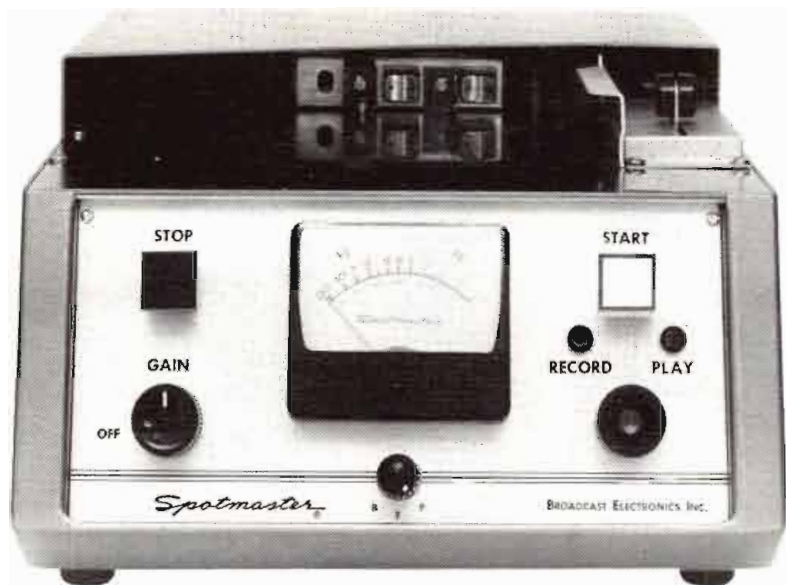
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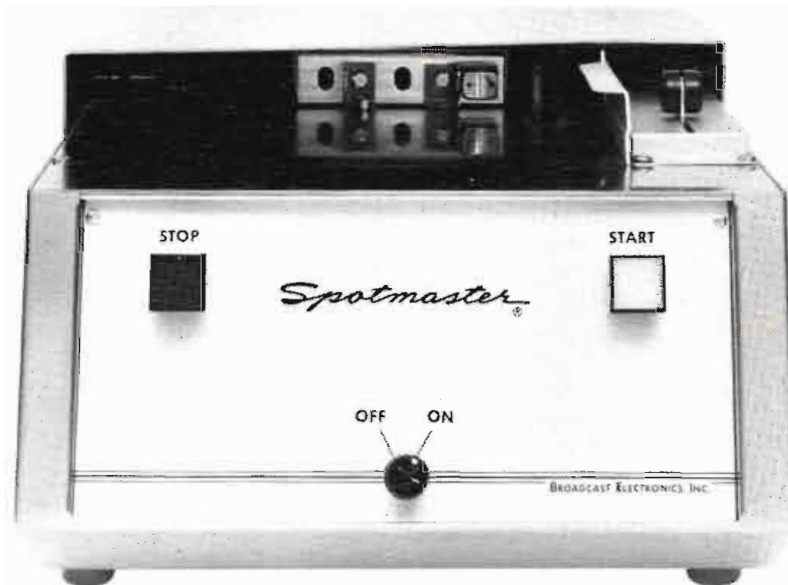
Spotmaster

The COMPACT 500 Series

Model C . . . Traditional Favorite . . . Moderately Priced



THE SPOTMASTER 500 C
Combination Recorder-Playback Unit



THE SPOTMASTER 505 C
Companion Playback Unit

C MODELS . . . MEET OR EXCEED NAB SPECIFICATIONS

Model C equipment includes models to match every programming need: record-playback and play-back-only . . . compact and rack-mount. Specifications and performance equal or exceed NAB requirements. Features include new styling and ease of operation, all silicon solid-state modular design, choice of 1,

2 or 3 automatic electronic cueing tones, separate record and play heads, with adjustable headmounts, A-B monitoring, biased cue recording, triple zener controlled power supply, transformer output, automatic record pre-set. Full Year Guarantee.

SPECIFICATIONS

Equalization: NAB Standard.
Frequency Response: ± 2 db 50–12,000 Hz @ 7.5 IPS.
 ± 3 db 40–15,000 Hz @ 7.5 IPS.
Distortion: 2% or less @ 0 VU recording level.
Signal to Noise Ratio: 50 db or better.
Wow and Flutter: 0.2% or less @ 7.5 IPS.
Tape Speed: 7.5 IPS.
°Input (Line): 0.1 Volt (Bridging)
°Input (Microphone, 150 ohms): 0.5 mv. (compact models only)
Output: +4 dbm @ 600 ohms. (Transformer output)
Cue-Tones: Primary—1,000 Hz (stop)
Cue-Trip #1—150 Hz (optional)
Cue-Trip #2—8,000 Hz (optional)
Cueing Accuracy: 0.1 second.
Starting Time: 0.05 second.

Power Requirement: 105-125 V ac, 60 Hz, 50 watts (115/220 ac, 50 Hz optional extra).
Playing Time: 1 second to 31 minutes @ 7.5 IPS.
Motor: Hysteresis Synchronous (Heavy Duty)
Controls: °Gain
°Automatic Record Pre-set
°VU Meter Selector
Start Switch
Stop Switch
Output Level
On-Off
Size: 10-1/4"W, 12-3/4"L, 6-5/8"H.
Weight: 18 lbs. (model 500) 15 lbs. (model 505)
Finish: Silver Gray and satin etched aluminum panel.
°Applies to Model 500 combination Record/Play units only.

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301—588-4983

Spotmaster

The COMPACT 400 Series

Dependability at lowest possible cost



THE SPOTMASTER 400 A
Combination Recorder-Playback Unit



THE SPOTMASTER 405 A
Companion Playback Unit

TRADITIONAL SPOTMASTER PERFORMANCE FOR THE ECONOMY-MINDED STATION

Don't let their low price fool you. These all-silicon solid state SPOTMASTER 400's are built up to a standard not down to a price. Offered in record-playback (Model 400) and playback-only (Model 405) versions,

even the smallest station can enjoy SPOTMASTER pushbutton broadcasting. Now supplied with adjustable head mounts at no extra cost. All units carry a 90-day parts and labor guarantee.

SPECIFICATIONS

Equalization: NAB Standard.
Frequency Response: ± 2 db 50-12,000 Hz @ 7.5 IPS.
Distortion: 2% or less @ 0 VU recording level.
Signal to Noise Ratio: 50 db or better.
Wow and Flutter: 0.2% or less @ 7.5 IPS.
Tape Speed: 7.5 IPS.
*Input (Line): 0.1 Volt (Bridging) (Mike input optional)
Output: -10 dbm @ 600 ohms. (Transformer output optional extra.)
Cue-Tones: Primary-1,000 Hz (stop)
Cue-Trip #1- 150 Hz (optional)
Cueing Accuracy: 0.1 second.
Starting Time: 0.1 second.
Playing Time: 1 second to 31 minutes @ 7.5 IPS.

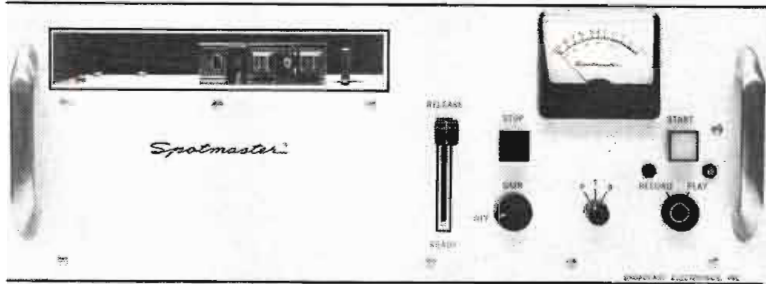
Power Requirement: 105-125 V ac, 60 Hz, 45 watts (115/220 ac, 50 Hz optional extra).
Power Supply: Zener Controlled. Bridge Rectifier.
Motor: Hysteresis Synchronous (Heavy Duty)
Controls: *Gain
*Record/Play/Switch
Start Switch
Stop Switch
Output Level
On-Off
Size: 10-1/4"W, 12-3/4"L, 6-5/8"H.
Weight: 18 lbs. (model 400A) 15 lbs. (model 405A)
Finish: Silver gray with ebony panel.
*Applies to Model 400 combination Record/Play units only.

BROADCAST ELECTRONICS, INC.

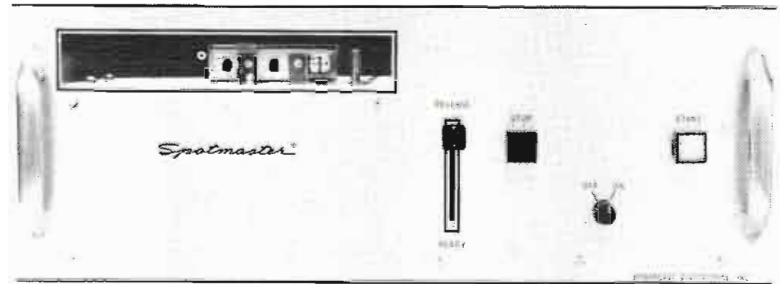
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Spotmaster

Rack-Mount 500 C Models



500CR COMBINATION RECORD/PLAYBACK UNIT



505CR PLAYBACK UNIT

Furnished complete with rack chassis slides ready to mount, each unit slides out of the rack for easy head and capstan cleaning and other routine maintenance. All connections are made by plugs in common use at broadcast stations. Amplifiers and other components are engineered and placed for servicing ease.

Spotmaster rack-mount models require only 7 inches of rack space — playback units may be mounted in multiple

to provide complete facilities in one rack. Plug-in remote control and Cue-Trip amplifiers for automatic sequential switching are available as optional extras.

Electrical specs: Identical to Model C compacts
Panel: Satin finish etched aluminum

Size: 7"H x 19"W x 14 $\frac{3}{4}$ "D

Weight: 500CR, 23 lbs.
505CR, 21 lbs.

Programming Accessories

REMOTE CONTROL UNITS

BE 101 & 102 are designed to externally control up to three single deck units. BE-101 offers start function only on convenient desk-top panel with 15-feet of cable. BE-102 adds stop controls.

BE-105 is exclusively designed for TEN•SPOT or FIVE•SPOT Systems. Completely illuminated start and stop controls in handsome console.

BE-106 adds sequence indicators for logic memory of next deck scheduled.



TELCO TELEPHONE ANSWERING UNITS

All SPOTMASTER playback units can be adapted for automatic telephone response. Install the Telco IIIA between the unit and a standard Bell System Recorder Coupler. Allows pre-recorded messages, advertising, audio reports, etc. to automatically respond to incoming calls. Add the TC-4 Counter for automatic registration of all calls. SPOTMASTER also builds complete telephone response systems. Call or write for specific information concerning special requirements.



TELCO III A

BROADCAST ELECTRONICS, INC.

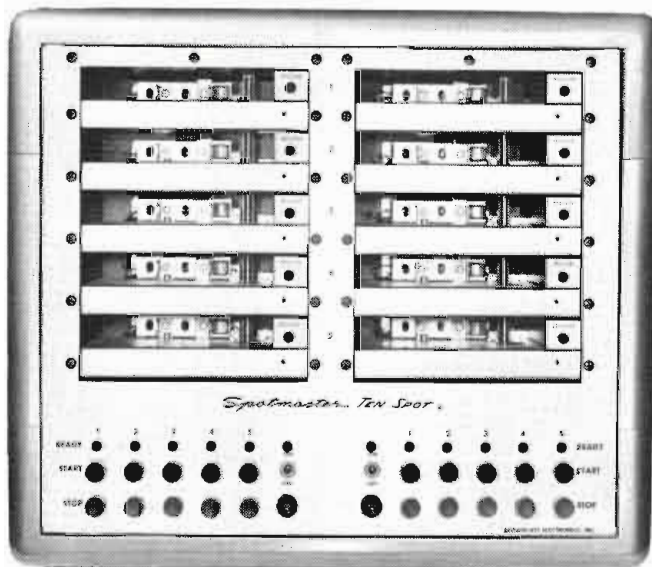
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Spotmaster

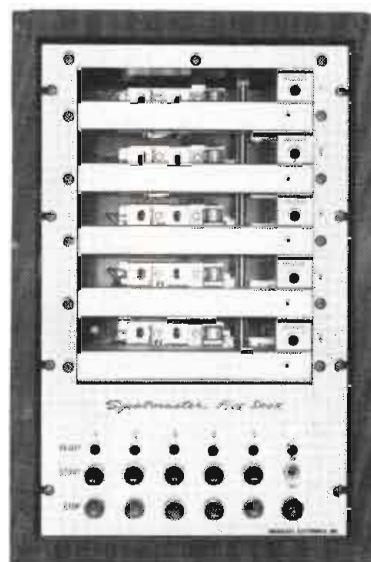
TEN SPOT®

FIVE SPOT®

Multiple Cartridge Playback Systems



MODEL 610B



MODEL 605B

SPOTMASTER TEN•SPOT and FIVE•SPOT multiple cartridge units are capable of manual operation or may be incorporated into programmed automation systems making use of one, two or three NAB standard cueing tones.

A flywheel loaded common capstan supplies tape motive force, the flywheel in turn being driven by a heavy duty hysteresis synchronous motor. Individual power supplies are provided for each solenoid thereby making each deck independent of the other and, in the TEN•SPOT, each module of five decks is completely separate and independent of the other five deck module

both mechanically and electronically. Each reproduce channel is separately equipped with cueing amplifier/s and a program amplifier with the output level adjustable to +4 dbm by means of locking type controls. The amplifier power supply is transistorized and zener regulated.

Facilities are provided on the rear panel for remote control and for inter connections between channels so as to permit automatic sequencing from channel to channel. All amplifiers are plug-in modular units. Enclosed plug-in relays are used throughout.

OPTIONAL ACCESSORIES

- BE 106 REMOTE CONTROL . . . Five Start/Stop functions plus illuminated sequence indicator.
- BE 105 REMOTE CONTROL . . . Five illuminated Start/Stop controls on desk-top panel.
- SW 5A AUDIO SWITCHER . . . Provides a single balanced output automatically muting non-active channels.

SPECIFICATIONS

Equalization: NAB Standard

Frequency Response: ± 2 db 50 - 12,000 Hz
 ± 4 db 50 - 15,000 Hz

Distortion: 2% or less @ Normal recording level

Signal to Noise Ratio: 55 db, ref. 3% THD

Wow and Flutter: .2% or less (RMS)

Tape Speed: 7½ ips (3¾ ips available)

Output Level: Adjustable to +4 dbm @ 600 ohms

Output Load Impedance: 600 Ohms (emitter follower)
 *600/150 Ohms (transformer output)

Cueing Accuracy: .1 second

Cueing Tones: Primary - 1,000 Hz (Stop/Re-Cue)
 *Cue Trip #1 - 150 Hz (end of message)
 *Cue Trip #2 - 8,000 Hz (auxiliary)

*Optional Features

Playing Time: 1 sec. to 16 mins. per deck @ 7½ ips
 using NAB type A & B cartridges

Capacity: FIVE•SPOT - 5 type A or B cartridges
 TEN•SPOT - 10 type A or B cartridges

Circuitry: All silicon solid state

Power Supply: Transistor filtered, zener regulated

Power Requirement: 108-125 VAC, 60 Hz,
 75 watts - FIVE•SPOT
 150 watts - TEN•SPOT

Dimensions: FIVE•SPOT - 9-13/16" W X 15" D X 15¾" H
 TEN•SPOT - 19" W X 15" D X 15¾" H

Mounting: TEN•SPOT - 19" rack
 FIVE•SPOT - Walnut Formica Cabinet
 (illustrated) or 19" rack panel
 with cartridge storage cubicle

Weight: FIVE•SPOT - 44 pounds
 TEN•SPOT - 89 pounds

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

RUSSCO BROADCAST TURNTABLES



CUSTOM STUDIO-PRO — 2 SPEED

- Precision engineered for rugged, quiet dependable operation.
- Solid cast aluminum chassis and turntable.
- Illuminated speed indicators.
- Tightest cue potential in the industry.

SPECIFICATIONS

Dimensions: 15 1/2" x 15 1/2" Weight: 20 lbs.
Wow & Flutter: Less than .2% Motor: Hysteresis
Rumble: 38 db below NAB level @ 33 and 45 RPM
Bearings: Bronze Oilite throughout
Power Requirement: 110V AC 60Hz (50Hz Available)

ALSO FEATURING A COMPLETE LINE OF GRAY AND REK-O-KUT TONE ARMS.

ELECTRO-VOICE MICROPHONES



635A Broadcast Dynamic

Popular light-weight mike for hand or stand use. Omnidirectional pattern with 80-13,000Hz response. Low impedance. Comes with clamp and neck cord.



654A Slim Trim

An omnidirectional dynamic microphone with excellent 50-15,000Hz response. Use on stand, hand-held or lavaliere. Comes with clamp and neck cord.



RE 15 Super Cardioid

Offers virtually identical response at any pattern position. A rugged professional mike for the most exacting requirements.



RE 10 Super Cardioid

Similar to RE15 but with less rigid specs. Response 80-13,000 Hz. Weighs only 6 oz. hand held. Comes with case and standard stand clamp.



RE55 Wide-Range Dynamic

This great new mike offers wide smooth response 40-20,000Hz, low sensitivity to shock and is one of the most versatile omnidirectional models in the E-V line. Every station needs at least one.

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

TPIB TAPE CARTRIDGE WINDER



The Spotmaster Tape Cartridge Winder is a rugged, dependable and field tested tape cartridge winder which fills a need in every station using cartridge equipment. It is no longer necessary to limit your cartridge operation by using only stock sizes or to tie up your conventional tape equipment to load tape cartridges. The Spotmaster Winder, will handle all reel sizes and runs at 22½" per second. Worn tape in old cartridges is easily replaced. New or old cartridges may be wound to any length. TP60B Tape Timer installed, optional.

SPECIFICATIONS:

Size: 10" W x 20" L x 6¾" H
Weight: 9½ lbs.
Power Requirements: 117 v ac, 50/60 Hz, 30 watts
Winding Speed: 22½ IPS
Drive Motor: 4 pole induction
Take Up Reel: Up to 7 1/4" Dia.
Capacity: Handles supply reel up to 3600' 1 mil lubricated tape.

TT20B EQUALIZED TURNTABLE PREAMPLIFIER



TT-20B
(Equalized Turntable Preamplifier)



PR-4C
(Power Supply)

SPECIFICATIONS: (TT-20B)

SIZE: 2 1/2" x 2 1/2" x 5 1/2" overall
WEIGHT: 8 ounces
POWER REQUIREMENTS: Min. 6 volts DC @ 3.75 ma
Max. 20 volts DC @ 20 ma
INPUT: Variable Reluctance Pickup Cartridge (VRII, Hi Z)
INPUT LEVEL: 45 mv max
OUTPUT: 500 ohms or higher (emitter follower)
with transformer output, optional extra

OUTPUT LEVEL: -12 dbm (15 db peak factor)
DISTORTION: Less than 1%
NOISE LEVEL: Better than 65 db below rated output.
FREQUENCY RESPONSE: ± 2 db30-15000 Hz (NAB Test record, VRII Hi Z pickup cartridge)

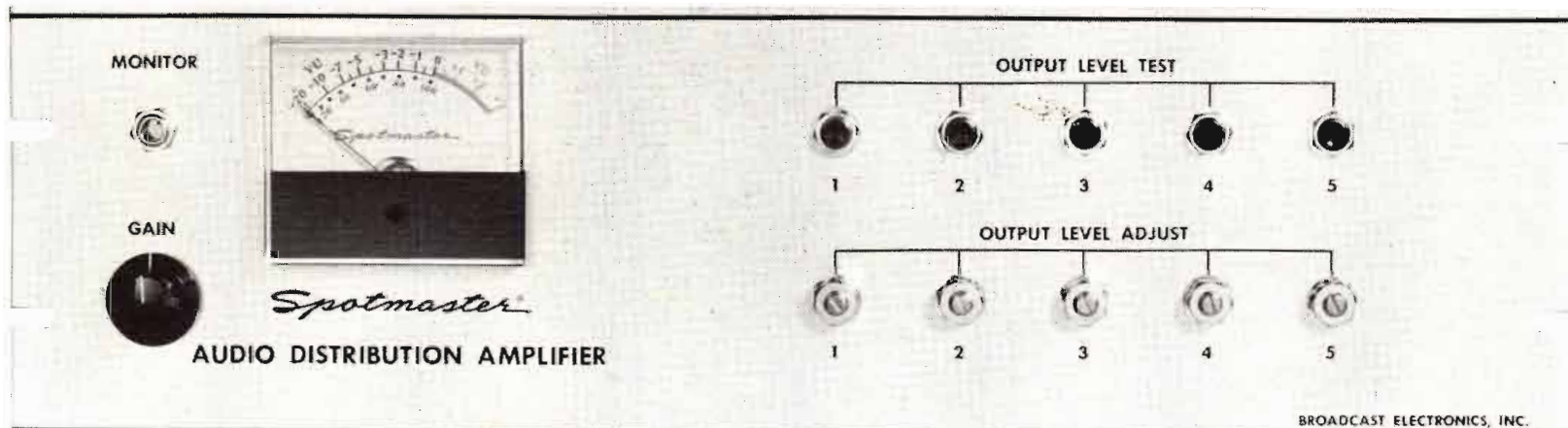
The Model PR-4C transistor power supply is available for use with the TT-20B, if desired. Four individually filtered 18 volt DC power sources are provided to power up to four TT-20B preamplifiers.

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

AD1B AUDIO DISTRIBUTION AMPLIFIER 100% SOLID STATE



The SPOTMASTER AD1B all solid state Audio Distribution Amplifier is specifically designed for use by AM, FM and TV broadcast stations, recording and audio studios for the purpose of distributing audio signals to multiple points within a studio system or to telephone lines. Facilities for visual and aural monitoring of the incoming signal at the output of the line amplifier are provided on the front panel by means of a VU meter and a headphone monitor jack. The meter and headphone jack are switched to the individual output channels by means of front panel mounted momentary push button switches for the purpose of monitoring the output from each channel. Also located on the front panel are locking type controls for the purpose of adjusting the output level from each output channel.

Five highly isolated output channels are provided on the basic AD1B but these may be expanded to as many as 25 output

channels by the addition of an appropriate number of AD1B-X Extenders, each having five output channels. Metering and audio monitoring are automatically provided to the AD1B-X Extenders by strapping between the basic AD1B unit and the AD1B-X Extenders. Both units have been designed with meticulous care. Frequency response is essentially flat from 40 to 20,000 Hz. Distortion is well below 1% at rated output and peak overload handling capacity is in excess of 10 db. Noise is better than 60 db below rated output with 60 db isolation between channels.

Both units are available either with output transformer or with unbalanced emitter follower outputs at a corresponding reduction in cost. Input transformers are standard on all units. Input circuitry may be operated either bridging or matching, balanced or unbalanced.

SPECIFICATIONS AD1B (Basic Unit)

Input Impedance: 600 ohms matching, 10,000 ohms bridging
Output Load Impedance: 150/600 ohms (600 ohms as shipped)
Maximum Input Level: +30 dbm
Minimum Input Level: -26 dbm matching, -10 dbm bridging
Output Level Per Channel (5): +4 dbm RMS (+14 dbm peak max.)
Gain: 30 db (matching) 14 db (bridging)
Frequency Response: ± 1 db 30 - 15,000, ± 2 db 20 - 20,000 cps
Distortion: Less than 1%
Noise: 65 db or better below rated output

Channel Separation: 60 db
Max. Ambient Temp.: 55°C
Power: 115 V, 50/60 Hz, 50 watts
Dimensions: 19" wide, 5¼" high, 7⅞" deep
Weight: 9½ lbs.
Finish: Clear anodized brushed aluminum, black lettering
Mounting: 19" rack
Controls: 1 gain, 5 output level, 5 momentary meter switch
Connections: Rear panel barrier strips
Meter: 3" VU

SPECIFICATIONS AD1B-X (5 Channel Extender)

AD1B specifications apply to the AD1B-X with the following exceptions:

Input Impedance: 10 k ohms, unbalanced
Input Level: +5 dbm
Gain: Unity
Power: 115 V, 50/60 Hz 40 watts

Dimensions: 19" wide, 5¼" high, 7⅞" deep
Weight: 8 lbs.
Controls: 5 output level, 5 momentary meter switch
Meter: Utilizes meter on AD1B basic unit

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster[®]

Commercial Price List

GENERAL CONDITIONS

ORDERING INFORMATION:

LIST ITEM DESCRIPTIONS AS THEY APPEAR IN THIS PRICE SCHEDULE OR ILLUSTRATED CATALOG ON YOUR COMPANY LETTERHEAD OR PURCHASE ORDER, ANY SPECIAL INSTRUCTIONS SHOULD BE CLEARLY MADE A PART OF THE ORDER. WE ASSUME NO LIABILITY FOR ORDERS WHEN PLACED BY BONA FIDE EMPLOYEES. ORDERS PLACED BY PREPAID TELEPHONE SHOULD BE CONFIRMED IN WRITING AND MUST BE CLEARLY MARKED "CONFIRMING" OR WE CANNOT ASSUME LIABILITY FOR DUPLICATE ORDERS. MINIMUM ORDER - \$1.00

PRICES:

PRICES LISTED HEREIN ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

FOB:

PRICES ARE FOB SILVER SPRING, MARYLAND, U.S.A. ALL TRANSPORTATION COSTS ARE THE OBLIGATION OF THE BUYER.

TERMS OF SALE:

BROADCAST ELECTRONICS, INC. WILL SHIP ON OPEN ACCOUNT TO COMPANIES HAVING ESTABLISHED ACCOUNTS WITH US, OR TO FIRMS WITH AN ACCEPTABLE DUN & BRADSTREET RATING. OPEN ACCOUNT BILLING PROVIDES TERMS OF NET 30 DAYS FROM DATE OF INVOICE. OPEN ACCOUNT PRIVILEGES ASSUME STRICT ADHERENCE TO BILLING TERMS. ACCOUNTS ARE NOT AVAILABLE TO INDIVIDUALS.

CASH SALES PROVIDING FOR A 2% DISCOUNT ARE AVAILABLE PROVIDING PAYMENT IN FULL ACCOMPANIES THE ORDER, UNLESS REMITTANCE PROVIDES FOR PREPAID SHIPPING CHARGES, ORDERS WILL BE SHIPPED FREIGHT COLLECT. COD SERVICE IS AVAILABLE IF SPECIFIED. EXTENDED PAYMENT AND LEASE TERMS ARE AVAILABLE. WRITE FOR DETAILS.

SHIPPING METHOD: UNLESS SPECIFICALLY STATED BY THE BUYER WE WILL EXERCISE OUR BEST JUDGMENT AS TO METHOD OF SHIPMENT, A FULL RANGE OF SHIPPING SERVICES IS AVAILABLE. WE HAVE NO FACILITIES FOR EITHER SHIPPING OR RECEIVING BY INTERSTATE BUS SYSTEMS.

ALL GOODS ARE EITHER INSURED OR DECLARED FOR FULL VALUE AND THE COST THEREOF A PART OF SHIPPING CHARGES. CLAIMS FOR DAMAGE, EITHER CONCEALED OR OBVIOUS, ARE THE RESPONSIBILITY OF THE BUYER. INSPECTION OF DAMAGED GOODS BY THE DELIVERING CARRIER IS USUALLY THE FIRST STEP NECESSARY. WE CAN ASSIST WITH SPECIFIC CLAIMS PROBLEMS.

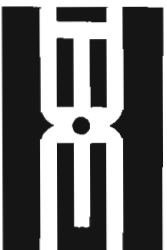
SERVICE:

TECHNICAL ASSISTANCE IS AVAILABLE BY LETTER OR PREPAID TELEPHONE OR TELEGRAM. EQUIPMENT REQUIRING REPAIR OR OVERHAUL SHOULD BE SENT BY COMMON CARRIER, PREPAID, INSURED AND WELL PROTECTED. DO NOT MAIL EQUIPMENT. WE CAN ASSUME NO LIABILITY FOR INBOUND DAMAGE AND NECESSARY REPAIRS BECOME THE OBLIGATION OF THE SHIPPER, NO PRIOR ARRANGEMENT IS NECESSARY PROVIDING FULL INSTRUCTIONS ACCOMPANY THE GOODS.

RETURN OF GOODS: UNUSED GOODS WILL BE ACCEPTED FOR RETURN WITHIN 30 DAYS OF PURCHASE SUBJECT TO A 10% RE-STOCKING AND HANDLING CHARGE. LIABILITY FOR A SAFE, INSURED, PREPAID RETURN RESTS WITH THE SHIPPER. PRIOR APPROVAL REQUIRED FOR ALL SUCH RETURNS.

EXPORT SERVICE:

DIRECT SHIPMENT TO A VARIETY OF INTERNATIONAL DESTINATIONS IS AVAILABLE BASED UPON RECEIPT OF U.S. FUNDS IN ADVANCE AND SHIPMENT ON A COLLECT BASIS IF AVAILABLE. SOME INTERNATIONAL COD SERVICE IS AVAILABLE. EXTRA CHARGES FOR DOCUMENTATION AND FREIGHT FORWARDING SERVICES WILL BE INCLUDED IN COLLECT CHARGES OR ELSE QUOTED IN ADVANCE WHEN FULL PAYMENT IS REQUIRED. FOREIGN BUYERS ARE ADVISED TO SPECIFY LOCAL VOLTAGE AND FREQUENCY REQUIREMENTS. MOST SPOTMASTER EQUIPMENT IS AVAILABLE WITH OPTIONAL VOLTAGE SPECIFICATIONS. ALL INTERNATIONAL ORDERS SHOULD BE TRANSMITTED IN ENGLISH. BROADCAST ELECTRONICS ALSO MAINTAINS A LARGE DEALERSHIP NETWORK IN MANY FOREIGN COUNTRIES PROVIDING FOR PERSONAL SERVICE. ADDRESS SPECIFIC INFORMATION REQUESTS TO THE COMPANY, ATTENTION "FOREIGN SALES".



BROADCAST ELECTRONICS, INC.

— A FILMWAYS COMPANY —

PRICES EFFECTIVE: APRIL 1, 1970

8810 BROOKVILLE ROAD • SILVER SPRING, MD. 20910
PHONE 301 - 588-4983 • CABLE "SPOTMASTER"

SPOTMASTER SERIES TEN/70

| | |
|---|-----------|
| Spotmaster 1070RP..... | \$ 980.00 |
| Spotmaster 1070P..... | 730.00 |
| Spotmaster 1070RP-DL Delay..... | 1070.00 |
| Spotmaster 1070RP-S Stereo..... | 1270.00 |
| Spotmaster 1070P-S Stereo..... | 880.00 |
| | |
| Rack Panel Adaptor (mounts 2 1070 units in 19" rack with chassis slides)..... | 35.00 |
| Cue-Trip I Tone Generator (150 Hz tone for fast forward auto-cue and automatic sequencing)..... | 25.00 |
| Cue-Trip II Tone Generator (8,000 Hz tone for auxiliary use)..... | 25.00 |
| Cue-Trip I Amplifier (150 Hz)..... | 39.50 |
| Cue-Trip II Amplifier (8,000 Hz)..... | 29.50 |
| Power Conversion 115 Volts, 50 Hz..... | 15.00 |
| Power Conversion 220 Volts, 50 Hz..... | 15.00 |
| RM-10 Cartridge Rack..... | 10.00 |
| Microphone Pre Amplifier Kit..... | 42.50 |

SPOTMASTER SERIES 500C AND 400A

| | |
|---|--------|
| Spotmaster 500C recorder/playback (compact).... | 695.00 |
| Spotmaster 505C playback (compact)..... | 515.00 |
| Spotmaster 500CR recorder/playback (rack)..... | 720.00 |
| Spotmaster 505CR playback (rack)..... | 540.00 |
| Spotmaster 400A recorder/playback (compact).... | 595.00 |
| Spotmaster 405A playback (compact)..... | 415.00 |

| | |
|--|-------|
| Cue-Trip I Tone Generator (150 Hz tone for automatic sequencing)..... | 28.00 |
| *Cue-Trip II Tone Generator (8,000 Hz tone for auxiliary use)..... | 28.00 |
| Cue-Trip I Amplifier (150 Hz)..... | 49.50 |
| *Cue-Trip II Amplifier (8,000 Hz)..... | 49.50 |
| Power Conversion 115 Volt, 50 Hz..... | 15.00 |
| Power Conversion 220 Volt, 50 Hz..... | 15.00 |
| Telco IIIA Telephone Answering Accessory..... | 89.50 |
| TC-4 Telco Counter..... | 24.95 |
| Microphone Pre Amplifier (optional with 400A/500C rack series)..... | 21.75 |
| Balanced Transformer Output, 400A series only | 15.00 |
| BE-101 Remote Control (3 start buttons) | 21.50 |
| (15' cable)..... | 21.50 |
| BE-102 Remote Control (3 start/stop buttons) (15' cable)..... | 29.50 |
| Remote Control Cable Extension (for use on BE-101 and BE-102 only) 20¢ per foot plus.. | 5.00 |

SPOTMASTER SERIES 605B AND 610B

| | |
|--|-----------|
| Spotmaster TEN SPOT Model 610B, 10 channel playback with emitter follower output (mounts in standard 19" relay rack)..... | \$3250.00 |
| Spotmaster FIVE SPOT Model 605B, 5 channel playback with emitter follower output (Encased in walnut Formica cabinet or equipped with 19" panel and cartridge storage cubicle.)..... | 1750.00 |
| Spotmaster TEN SPOT Model 610B-S Stereo, 10 channel playback with emitter follower output (mounts in standard 19" relay rack)..... | 4250.00 |
| Spotmaster FIVE SPOT Model 605B-S Stereo, 5 channel playback with emitter follower output (Encased in walnut Formica cabinet or equipped with 19" panel and cartridge storage cubicle.)..... | 2250.00 |

| | |
|---|--------|
| Balanced Transformer Output (per channel)..... | 15.00 |
| Cue-Trip I Amplifier/Relay (150 Hz) (per channel)..... | 49.50 |
| Cue-Trip II Amplifier/Relay (8,000 Hz) (per channel)..... | 49.50 |
| Power Conversion 115 Volt, 50 Hz (for 605B).... | 20.00 |
| Power Conversion 115 Volt, 50 Hz (for 610B).... | 40.00 |
| Step Down Xmftr 220 Volt, 50 Hz (for 605B)..... | 35.00 |
| Step Down Xmftr 220 Volt, 50 Hz (for 610B)..... | 55.00 |
| SW5A Audio Switcher (Automatically switches any one of 5 audio channels to program line (transformer output)..... | 175.00 |
| Telco IIIA Telephone Answering Accessory (per channel)..... | 89.50 |
| TC-4 Telco Counter (per channel)..... | 24.95 |
| BE-105 Remote Control Panel (5 start/stop illuminated switches with 15' cable)..... | 162.50 |
| BE-106 Remote Control and Sequencing Indicator MRM-600 Mini Record Module..... | 200.00 |
| 605B Cue Trip Sequencer Cable..... | 205.00 |
| 5.00 | 5.00 |

AUDIO DISTRIBUTION AMPLIFIER

| | |
|--|--------|
| Spotmaster Model AD1B Audio Distribution Amplifier (Emitter Follower Output)..... | 365.00 |
| Balanced Transformer Output (per channel)..... | 15.00 |
| Spotmaster Model AD1B-X Audio Distribution Amplifier 5 channel extender (Emitter Follower Output)..... | 260.00 |
| Balanced Transformer Output (per channel)..... | 15.00 |

EQUALIZED TURNTABLE PRE AMPLIFIER AND POWER SUPPLY

| | |
|--|-------|
| Spotmaster TT-20B (600 Ohm Emitter Follower Output)..... | 46.50 |
| Spotmaster TT-20B (600 Ohm Transformer Balanced Output)..... | 62.50 |
| Spotmaster PR-4C (4 isolated outputs to power up to 4 turntable pre amplifiers)..... | 39.50 |

* - not available on 400A series

RUSSCO TURNTABLES

| | |
|--|-----------|
| Studio Pro, hysteresis synchronous motor | |
| 2 speeds..... | \$ 198.00 |
| Cue-Master, hysteresis synchronous motor | |
| 3 speeds..... | 169.50 |
| Cue-Master, 4 pole motor, 3 speeds..... | 145.00 |

REK-O-KUT TONE ARMS

| | |
|--|-------|
| S-320 (12 inch)..... | 44.95 |
| S-260 (16 inch)..... | 49.95 |
| OB-1 Balance Kit, fits all Rek-O-Kut Tone Arms | 2.95 |

GRAY TONE ARMS

| | |
|--------------------|-------|
| 206-S..... | 67.00 |
| 206 S/G..... | 67.00 |
| 208-S..... | 67.00 |
| 208 S/G..... | 67.00 |
| 303 (12 inch)..... | 72.50 |
| 306 (16 inch)..... | 82.50 |
| 303 EMT..... | 82.50 |

Note: Any tone arm cartridge available upon request

ELECTRO-VOICE MICROPHONES

| | |
|---|--------|
| 635A Omnidirectional Broadcast Dynamic..... | 52.80 |
| 654A Omnidirectional Slim-Trim Broadcast Dynamic..... | 63.00 |
| RE10 Super Cardioid..... | 93.60 |
| RE15 Super Cardioid..... | 159.00 |
| RE55 Omnidirectional Wide Range Dynamic..... | 132.00 |

Note: We can supply any other Electro-Voice microphone or accessory (windscreens, stands, shock mounts, etc.) at competitive professional prices. Write for details.

REVOX PROFESSIONAL TAPE RECORDERS

| | |
|--|--------|
| 1102 2 track with walnut cabinet..... | 569.00 |
| 1302 2 track with metal case (rack mount)..... | 529.00 |
| NAB Hub Adapters (pair)..... | 15.00 |
| Nineteen inch rack panel..... | 15.00 |

Note: The outstanding Revox recorder is also available in 4 track and portable models. Standard speeds 3-3/4 and 7-1/2 ips; 7-1/2 and 15 ips available. Write for details.

CARTRIDGE RACKS

| | |
|--|----------|
| Spotmaster RM-100 Cartridge Rack, wall mount.. | \$ 47.50 |
| Spotmaster LS-200 Lazy Susan Cartridge Rack, floor unit..... | 145.50 |
| Spotmaster LS-100 Lazy Susan Cartridge Rack, table top..... | 79.50 |
| Spotmaster RS-25 Rack Section..... | 13.00 |
| Spotmaster DM-72 Lazy Susan Cartridge Rack, desk mount..... | 70.00 |
| Spotmaster DM-200 Lazy Susan Cartridge Rack, desk mount..... | 115.00 |
| Spotmaster RM-20 Cartridge Rack, standard rack space..... | 23.50 |

DEGAUSSERS

| | |
|--|-------|
| Spotmaster Tape Head Demagnetizer..... | 8.00 |
| Spotmaster Tape Cartridge Eraser..... | 22.60 |

ALIGNMENT TAPE

| | |
|--|-------|
| NAB Monophonic Frequency Response Test Tape, #3..... | 16.50 |
| Monophonic Head Alignment Tape (10,000 Hz)..... | 6.50 |
| Stereophonic Head Alignment Tape (10,000 Hz)..... | 8.50 |

CLEANING FLUID

| | |
|---------------------------------|------|
| BE-903, four ounces..... | 1.60 |
| BE-903, one pint (16 oz.)..... | 5.10 |
| BE-903, one quart (32 oz.)..... | 7.60 |

ADJUSTABLE HEAD BRACKETS

| | |
|--|-------|
| Adjustable Head Bracket Kit for 1 head (part #D2ADJ-1)..... | 12.50 |
| Adjustable Head Bracket Kit for 2 heads (part #D2ADJ-2)..... | 17.50 |

CARTRIDGE WINDING EQUIPMENT

| | |
|---|-----------|
| Spotmaster Model TP-1B Tape Cartridge Winder.. | \$ 104.50 |
| Spotmaster Model TP-1B Tape Cartridge Winder with timer installed..... | 129.50 |
| Step Down Transformer 115/230 Volt, 50/60 Hz (factory installed)..... | 15.00 |
| Spotmaster Model TP-60 Calibrated Tape Timer.. | 25.00 |

SCOTCH 154 LUBRICATED TAPE

| | |
|--|-------|
| 1800 Feet on 7" Reel (heavy duty)..... | 6.55 |
| 3600 Feet on NAB Hub (heavy duty)..... | 13.40 |

SPLICING MATERIAL

| | |
|--|------|
| Tape Splicer (TS-7S)..... | 6.45 |
| Mylar Splicing Tape (TST-376) (3/8" X 275")... | .90 |
| Mylar Splicing Tape (TT-375) (3/8" X 100").... | .45 |

SPOTMASTER TAPE TAGS - (8 TAGS PER SHEET)

| | |
|---|------|
| 1 to 49 sheets (price per sheet) any assortment of colors..... | .10 |
| 50 to 200 sheets (price per sheet) any assortment of colors..... | .09 |
| 300 to 400 sheets (price per 100 sheets)..... | 7.00 |
| 500 sheets and up (price per 100 sheets)..... | 6.00 |

Note: Orders over 200 sheets limited to units of 100 - single color

Eight Colors: Yellow - Red - Green - Orange
Blue - Black - Purple - Brown

FIDELIPAC TAPE CARTRIDGES

| TYPE | TIME AT 7-1/2 IPS - FEET | PRICE |
|-------------|--------------------------|-------------|
| Series 300 | 20 seconds - 13 feet | \$2.00 each |
| Series 300 | 40 seconds - 25 feet | 2.05 each |
| Series 300 | 70 seconds - 44 feet | 2.10 each |
| Series 300 | 100 seconds - 63 feet | 2.25 each |
| Series 300 | 140 seconds - 88 feet | 2.35 each |
| Series 300 | 3.5 minutes - 132 feet | 2.50 each |
| Series 300 | 5.5 minutes - 207 feet | 2.90 each |
| Series 300 | 8.5 minutes - 320 feet | 3.70 each |
| Series 300 | 10.5 minutes - 394 feet | 3.90 each |
| Series 600 | 16 minutes - 600 feet | 6.25 each |
| Series 1200 | 31 minutes - 1163 feet | 10.45 each |

Note: Cartridge loaded to any length upon request. For pricing take next highest standard cartridge price.

EMPTY CARTRIDGES

| | |
|------------------|-----------|
| Series 300..... | 1.60 each |
| Series 600..... | 2.80 each |
| Series 1200..... | 3.95 each |

DELAY CARTRIDGES - (FOR USE WITH SPOTMASTER DELAY MACHINES)

5 seconds to 2 minutes.. (specify exact length)..... 5.25 each
 2:01 to 5 minutes..... (specify exact length)..... 7.80 each
 5:01 to 8:30 minutes.... (specify exact length)..... 10.50 each
 8:31 minutes and over - prices on request

Note: Any assortment on the above. No minimum order.

FIDELIPAC CARTRIDGE PARTS

| | #300 | #600 | #1200 |
|--|------|------|---------|
| Reel Assembly..... | .65 | .95 | 1.55 |
| Base Assembly..... | 1.10 | 1.45 | 2.20 |
| Cover Clear..... | .70 | 1.05 | 1.45 |
| Delrin Corner Post..... | .17 | .17 | N/A |
| Wire Guide..... | .08 | .16 | set .30 |
| Pressure Pad Assembly (\$12.00/C)..... | .15 | .15 | N/A |
| Teflon Washers..... | .05 | .05 | .05 |
| Center Screws..... | .03 | .03 | .03 |
| Corner Screws..... | N/A | N/A | .02 |

Presenting

Spotmaster

World's Leading Brand of Tape Cartridge Equipment



GOLDEN ANNIVERSARY OF BROADCASTING COMMEMORATIVE COIN
— COMMISSIONED BY BROADCAST ELECTRONICS, INC. —



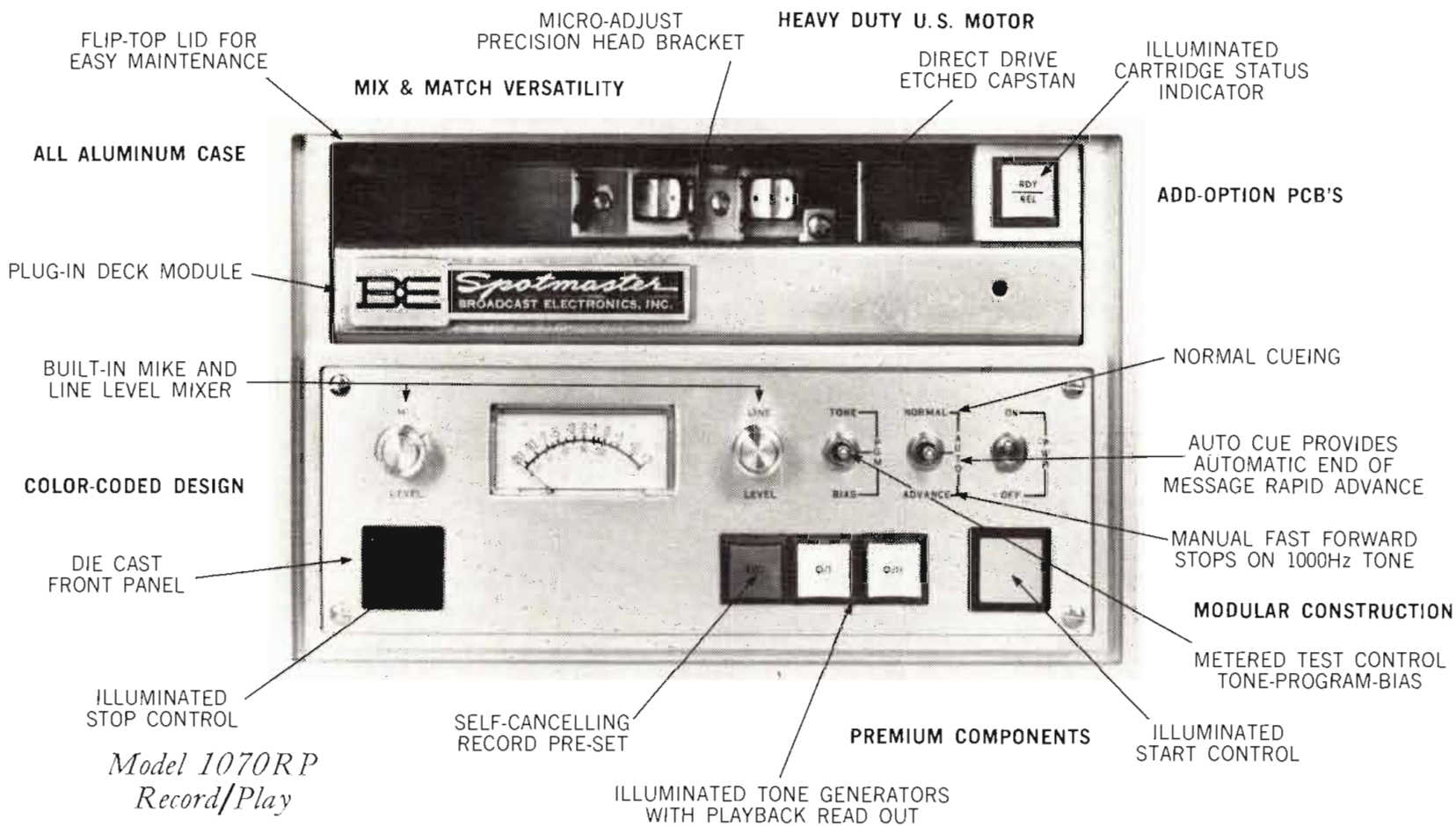
BROADCAST ELECTRONICS, INC.
— A FILMWAYS COMPANY —

8810 BROOKVILLE ROAD • SILVER SPRING, MD. 20910
PHONE 301 - 588-4981 • CABLE "SPOTMASTER"

Spotmaster

Incomparable **TEN/70**

Bold new standard for tape cartridge excellence



*Model 1070RP
Record/Play*

SPOTMASTER + TEN/70 - NEW FORMULA FOR SUCCESS

Every new concept in tape cartridge engineering has been incorporated into the Ten/70 line. Spotmaster's long years of leadership and specialization have creat-

ed the ultimate in equipment design. These rugged, versatile models represent the superior at sensible prices. Full year warranty.

SPECIFICATIONS

Equalization: NAB Standard
Frequency Response: 50-15,000Hz ± 2 db
30-18,000Hz ± 4 db
Distortion: 1% or less @ 0 VU 400Hz
Signal to Noise: -57db or better
Wow & Flutter: 0.2% or better
Cross Talk: Cue/Program -55db or better
Output: -10dbm/0dbm/+8dbm Switchable
Adjustable 10dbm each position to maximum +18dbm
Output Impedance: 600 ohms balanced
Alternate strapping for 150 ohms
Speed: 7.5 IPS accurate 0.2% or better. Fast Forward to 22.5 IPS (Other speeds optional)
Motor: Direct Drive Hysteresis Synchronous
Cue Tones: Primary - 1,000Hz (Stop/Re-Cue)
Tertiary - 8kHz (Auxiliary) (Optional)
Secondary - 150Hz (End of Message) (Optional)
Cueing Accuracy: 0.1 second

Capacity: Size A or B NAB Standard Cartridge
°Input: Line -24dbm to 0dbm or 0dbm to +30dbm Switchable @ 10,000 ohms bridging balanced
Mike 0.1mv @ 150 ohms balanced (Optional)
Power Requirement: 105-125V ac/60Hz/50W (50Hz Optional @ 125V or 220V)
Controls: Start °Record Preset
Stop °Line Level
On-Off °Mike Level
°VU Meter Advance
Cartridge Release
Optional: Cue I (150Hz) Generator°/Sensor
Cue II (8kHz) Generator°/Sensor
Auto Cue Automatic Advance
Size: 5-3/8"H, 8½"W, 11"D
Shipping Weight: 15 lbs.
°Applies to RP Models Only

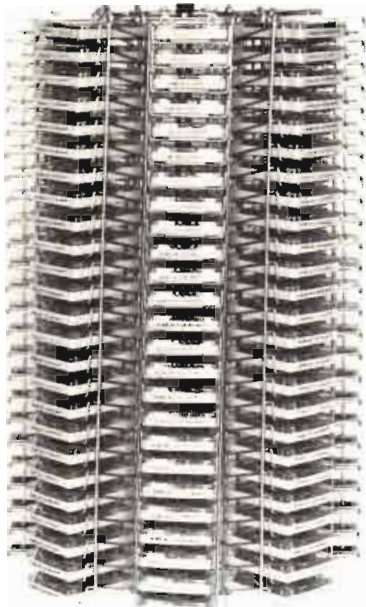
BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

TAPE CARTRIDGE STORAGE EQUIPMENT

WIRE UNITS

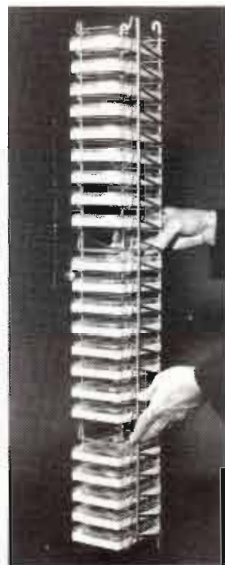


LS-200 LAZY SUSAN

Holds 200 cartridges on rotating stand. Ideal for large storage situations requiring mobility. Equipped with 4 heavy-duty casters and constructed of rugged steel rod finished bright zinc. Each individual RS-25 section is removable 51 $\frac{1}{4}$ " high, 20 $\frac{1}{2}$ " diameter.



LS-200



RS-25 RACK SECTION



LS-100

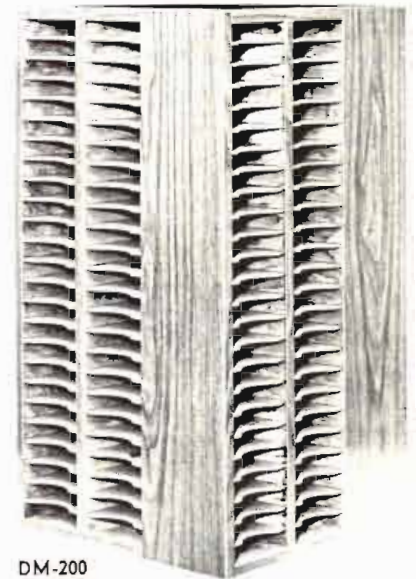
LS-100 LAZY SUSAN

Designed for table top use. Holds 100 cartridges with 4 removable RS-25 sections. Weighted base. Ball bearing rotating stand. 39" high, 15" diameter.

MODULAR UNITS



DM-72



DM-200

DESK MOUNT MODULES — Rotating racks present four-sided storage in attractive Walnut Formica. DM-72 holds 72 cartridges, measures only 22" x 11" x 11". DM-200 provides 200 storage slots. 29 $\frac{1}{2}$ " x 15 $\frac{3}{4}$ " x 15 $\frac{3}{4}$ "

RM-100 WALL MOUNT RACK

Holds 100 series 300 cartridges in minimum space. Walnut Formica trim. 2' x 2' x 4-3/8".



RM-100

RM-20 is designed for standard 19" rack installation. Put vacant rack space to good use. Holds 20 series 300 cartridges in only 5 $\frac{1}{4}$ " vertical space. Made of aluminum. Comes ready to assemble.



RM-20

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Spotmaster

FIDELIPAC CARTRIDGES



Series 300, 600, 1200 available empty or in assorted pre-loaded sizes . . . Custom winding provided . . . Complete stock of cartridge replacement parts. No minimum orders.

TAPE SPLICER



Model TS7S by Robins is ideal for cartridge splicing . . . Two-position cutting assembly cuts tape on 45° bias then shifts for "Gibson-Girl" trim . . . Comes complete with tape . . . Extra splicing tape, too, in two convenient sizes.

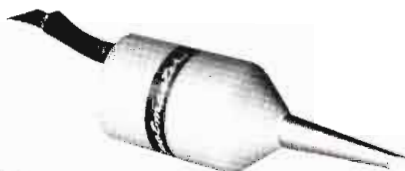
LUBRICATED TAPE

World-renowned Scotch Recording Tape type HD-154 specifically recommended by Spotmaster for tape cartridge use . . . A heavy-duty tape featuring a special lubricated surface for cleaner, longer tape life . . . 1800 feet/7-inch reel or 3600 feet/NAB Hub.



BE-903 CLEANING FLUID

Our exclusive special blend was developed to meet stringent broadcaster requirements . . . Quickly dissolves accumulated tape oxides . . . Will not harm heads or rubber parts . . . Safe to use . . . 4 oz. bottles, 16 and 32 oz. cans.



DEGAUSSERS

Handy bulk eraser essential for cartridge users . . . Assures clean, noiseless tape . . . Pushbutton switch . . . 6-foot cord. Head demagnetizer indispensable for maximum head response . . . handy tubular design . . . will not scratch heads. 117 VAC, 50/60 Hz.

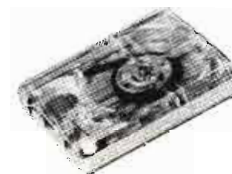


REPLACEMENT HEADS

Broadcast Electronics' complete selection of high-quality replacement heads always available for immediate shipment . . . Accept no substitutes . . . insist on genuine Spotmaster Replacement Heads.

ALIGNMENT TAPE

Specially pre-recorded cartridge contains 10 kHz alignment tone . . . Essential for proper head azimuth adjustment.



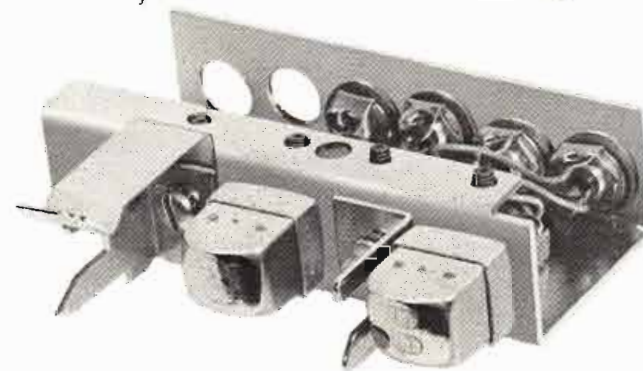
TAPE TAGS

Handy self-adhesive labels especially die-cut and color-coded for cartridge cataloging . . . Each label fits cartridge perfectly . . . Room for three typewritten lines . . . Sheets of 8 tags each . . . Eight distinctive colors.



TP 60-B TAPE TIMER

Precise tape or speed measuring device . . . Scale calibrated in minutes and seconds at 7½ or 3¼ IPS . . . Features reset knob and strobe disc for speed checks . . . Use with reel-to-reel or cartridge units.



ADJUSTABLE HEAD BRACKET

The Spotmaster Adjustable Head Bracket makes quick work of head alignment . . . Fits all Spotmaster models and uses standard rear-mount heads. . . Specify one or two head mounts when ordering.

BROADCAST ELECTRONICS, INC.

8810 Brookville Road, Silver Spring, Md. 20910, Phone 301-588-4983

Presenting

Spotmaster

Your Key to Pushbutton Broadcasting

SPOTMASTER CARTRIDGE TAPE SYSTEMS

*Preferred Choice by Stations
on Six Continents*



BROADCAST ELECTRONICS, INC.

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PHONE: AREA CODE 301 • JUNIPER 8-4983

Spotmaster

The COMPACT 500 Series

Super B . . . Today's Most Advanced Tape Cartridge Equipment



**THE SPOTMASTER 500 SUPER B
Combination Recorder-Playback Unit**



**THE SPOTMASTER 505 SUPER B
Companion Playback Unit**

SUPER B MODELS . . . MEET OR EXCEED NAB SPECIFICATIONS

New Super B equipment includes models to match every programming need: record-playback and playback-only . . . compact and rack-mount. Specifications and performance equal or exceed NAB requirements. Features include new styling and ease of opera-

tion, solid-stage modular design, choice of 1, 2 or 3 automatic electronic cueing tones, separate record and play heads, A-B monitoring, biased cue recording, triple zener controlled power supply, transformer output, full year guarantee, and many more.

SPECIFICATIONS

Equalization: NAB Standard.
Frequency Response: ± 2 db 50-12,000 cps @ 7.5 IPS.
 ± 3 db 40-15,000 cps @ 7.5 IPS.
Distortion: 2% or less @ 0 VU recording level.
Signal to Noise Ratio: 50 db or better.
Wow and Flutter: 0.2% or less @ 7.5 IPS.
Tape Speed: 7.5 IPS.
° Input (Line): 0.1 Volt (Bridging)
° Input (Microphone, 150 ohms): 0.5 mv. (compact models only)
Output: +4 dbm @ 600 ohms. (Transformer output)
Cue-Tones: Primary-1,000 cps (stop)
Cue-Trip #1- 150 cps (optional)
Cue-Trip #2-8,000 cps (optional)
Cueing Accuracy: 0.1 second.
Starting Time: 0.05 second.

Playing Time: 1 second to 31 minutes @ 7.5 IPS.
Power Requirement: 105-125 V ac, 60 cps, 50 watts (115/220 ac, 50 cps optional extra).
Power Supply: Zener Regulated, Solid State Bridge.
Motor: Hysteresis Synchronous
Controls: ° Gain
° Record/Play/Switch
° VU Meter Selector
Start Switch
Stop Switch
Output Level
On-Off
Size: 10-1/4"W, 12-3/4"L, 6-5/8"H.
Weight: 18 lbs. (model 500) 15 lbs. (model 505)
Finish: Silver gray and satin etched aluminum panel.
° Applies to Model 500 combination Record/Play units only.

BROADCAST ELECTRONICS, INC.
8800 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Spotmaster

The COMPACT 400 Series

Dependability at lowest possible cost



THE SPOTMASTER 400 A
Combination Recorder-Playback Unit



THE SPOTMASTER 405 A
Companion Playback Unit

TRADITIONAL SPOTMASTER PERFORMANCE FOR THE ECONOMY-MINDED STATION

Don't let their low price fool you. New solid state SPOTMASTER Compact models are second-best only to the Super B series. Offered in record-playback (Model 400) and playback-only (Model 405) versions,

the Compacts permit even the smallest station to enjoy SPOTMASTER pushbutton broadcasting. Compact units carry a 90-day parts and labor guarantee.

SPECIFICATIONS

Equalization: NAB Standard.
Frequency Response: ± 2 db 50-12,000 cps @ 7.5 IPS.
Distortion: 2% or less @ 0 VU recording level.
Signal to Noise Ratio: 50 db or better.
Wow and Flutter: 0.2% or less @ 7.5 IPS.
Tape Speed: 7.5 IPS.
°Input (Line): 0.1 Volt (Bridging)
Output: -10 dbm @ 600 ohms. (Transformer output optional extra.)
Cue-Tones: Primary-1,000 cps (stop)
 Cue-Trip #1- 150 cps (optional)
Cueing Accuracy: 0.1 second.
Starting Time: 0.1 second.
Playing Time: 1 second to 31 minutes @ 7.5 IPS.

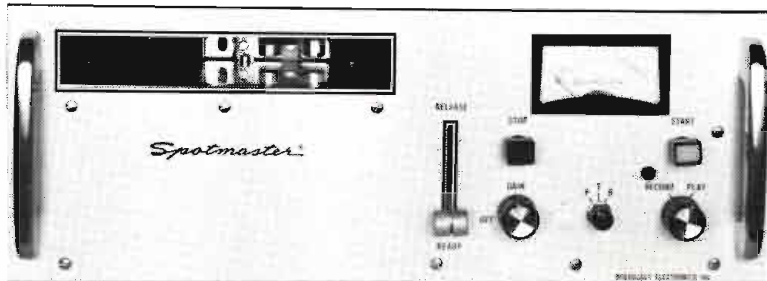
Power Requirement: 105-125 V ac, 60 cps, 45 watts (115/220 ac, 50 cps optional extra).
Power Supply: Zener Controlled. Bridge Rectifier.
Motor: Synchronous
Controls: °Gain
 °Record/Play/Switch
 Start Switch
 Stop Switch
 Output Level
 On-Off
Size: 10-1/4"W, 12-3/4"L, 6-5/8"H.
Weight: 18 lbs. (model 500) 15 lbs. (model 505)
Finish: Silver gray with ebony panel.
°Applies to Model 400 combination Record/Play units only.

BROADCAST ELECTRONICS, INC.

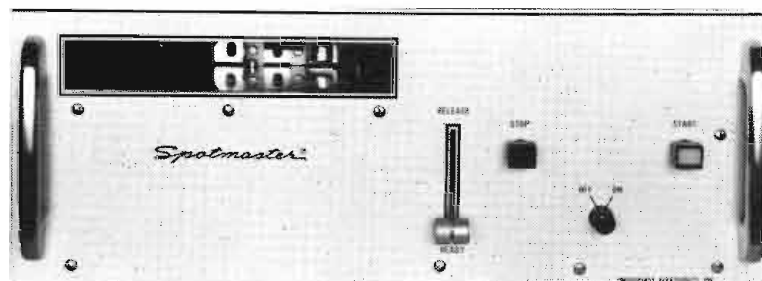
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Spotmaster

Rack-Mount Super B Models



500BR COMBINATION RECORD/PLAYBACK UNIT



505BR PLAYBACK UNIT

Furnished complete with rack chassis slides ready to mount, each unit slides out of the rack for easy head and capstan cleaning and other routine maintenance. All connections are made by plugs in common use at broadcast stations. Amplifiers and other components are engineered and placed for servicing ease.

Size: 7"H x 19"W x 14"D

Weight: 500BR, 23 lbs.

505BR, 21 lbs.

Spotmaster rack-mount models require only 7 inches of rack space — playback units may be mounted in multiple to provide complete facilities in one rack. Plug-in remote control and Cue-Trip amplifiers for automatic sequential switching are available as optional extras.

Electrical specs: Identical to Super B compact models

Panel: Satin finish etched aluminum

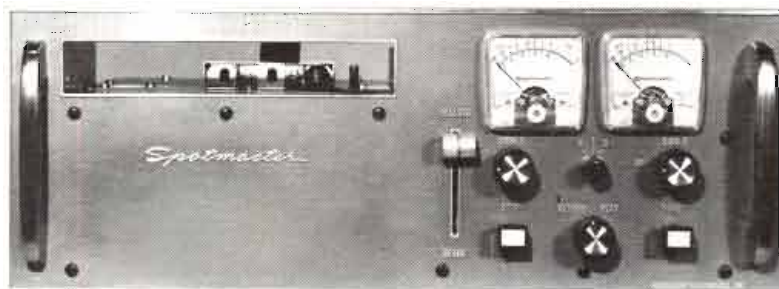
Delay Programmer

Pushbutton "Instant Censoring"

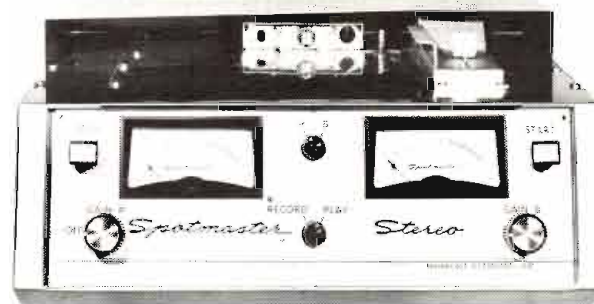
The Spotmaster 500A-DL permits a 5-second to 16-minute delay in the broadcast of program material . . . allows instant censoring and deletion of objectionable material from interviews and other live originations. It also meets many other delayed programming requirements and with

the DL function switched off, operates as a standard record/playback unit. In DL mode, frequency response is 50-10000 cps \pm 2 db, and S/N ratio is 40 db below 3% THD. Also available as rack-mount unit, Model 500AR-DL. See specification sheet for complete details.

Stereo Models



500AR-S COMBINATION STEREO RECORDER/PLAYBACK



500A-S COMBINATION STEREO RECORDER/PLAYBACK

Spotmaster stereo units are available in four different models: The compact 500A-S (combination record-playback); the compact 505A-S (playback only); the rack

mount 500R-S (combination recorder-playback); and the rack mount, 505AR-S (playback only). More complete information available on request.

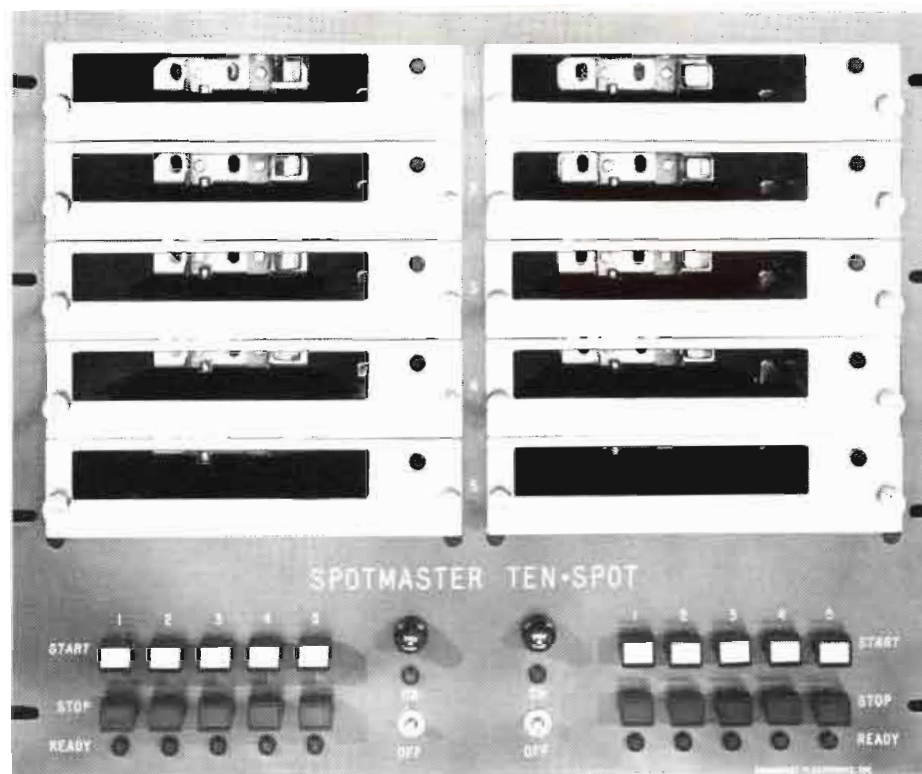
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Spotmaster

TEN • SPOT

A New Dimension in Pushbutton Broadcasting . . .



MULTI-CHANNEL PROGRAMMER MODEL 610A

Combining 10 playback decks in a single unit for a new concept in programming flexibility

Advanced new 10-deck cartridge playback system can be mounted on table-top or in rack. Completely solid state, the compact TEN•SPOT plays standard NAB approved cartridges types A & B . . . its ingenious design permitting two heavy-duty motors to run all 10 decks. Automatic, sequential operation can be preprogrammed, yet full manual control is always available. Individual decks can be removed without tools for quick, easy maintenance. One year guarantee.

Size: 19"W x 15 $\frac{3}{4}$ "H x 13 $\frac{1}{4}$ "D
Weight: 65 lbs.
Tape Speed: 7 $\frac{1}{2}$ IPS
Equalization: NAB Standard
(additional details available on request)

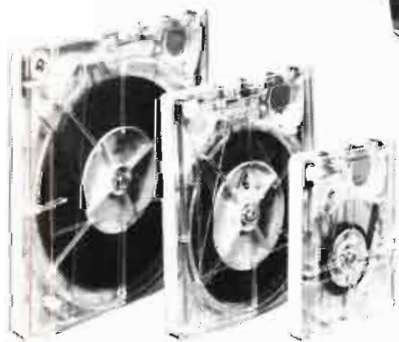
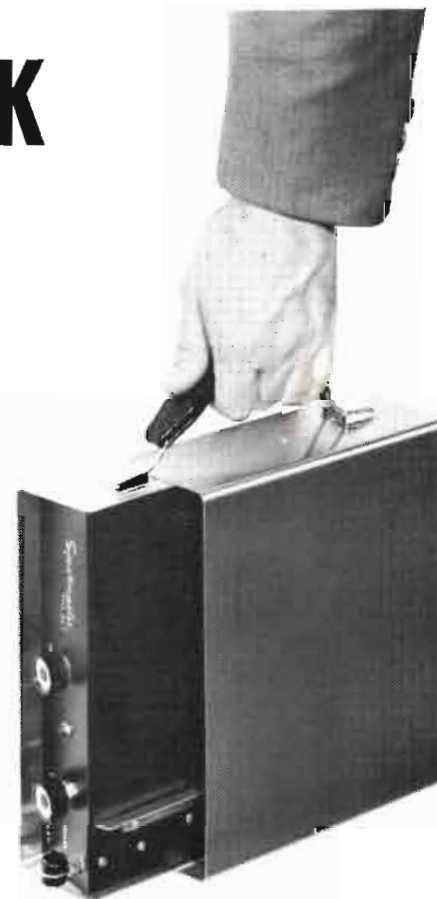
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8800 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Spotmaster

PORTAPAK I

CARTRIDGE PLAYBACK

anytime! anyplace!



THE IDEAL SALES TOOL FOR THE BUSY TIME SALESMAN

FEATURES:

- Completely portable -- Plays anywhere - anytime, powered by its own self-contained, re-chargeable battery
- Battery recharges overnight from 115v ac line
- NAB Equalization
- Wide range response, low distortion
- Handles all cartridge sizes from 1 second to 31 minutes
- Volume and equalization controls
- Packaged in handsome compact stainless steel case
- Hinged lid for easy maintenance
- High efficiency self-contained monitor speaker
- 100% Solid State
- Black Vinyl Carrying Case (Optional)

SPECIFICATIONS:

- Tape Speed: 7½ ips
Weight: 11½ lbs.
Power: Nickel cadmium battery, rechargeable from 115v ac line
Dimensions: 9⁵/₈" x 10³/₄" x 3³/₄"
Finish: Stainless Steel Case with black Armohide tape deck and front panel
One hour playtime before recharging

BROADCAST ELECTRONICS, INC.

8800 Brookville Road, Silver Spring, Maryland, Dial JU 8-4983

Spotmaster

TAPE CARTRIDGE WINDER

**NOW
AVAILABLE!**

SPOTMASTER TAPE TIMER

A rugged, precision device for accurate tape measurement. Minute and second calibration. Installed on winder or available as an accessory. Optional. Extra.



Model TP-1A

The Spotmaster Tape Cartridge Winder is a rugged, dependable and field tested tape cartridge winder which fills a need in every station using cartridge equipment. It is no longer necessary to limit your cartridge operation by using only stock sizes or to tie up your conventional tape equipment to load tape cartridges. The Spotmaster Winder, will handle all reel sizes and runs at $22\frac{1}{2}$ " per second. Worn tape in old cartridges is easily replaced. New or old cartridges may be wound to any length. Write, wire or phone for complete details.

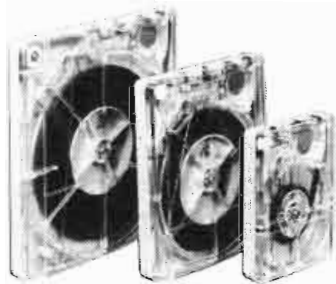
Lubricated 1 mil Mylar tape and blank cartridges are available through Broadcast Electronics.

SPECIFICATIONS:

Size: 10" W x 20" L x $6\frac{3}{4}$ " H
Weight: 9½ lbs.
Power Requirements: 117 v ac, 50/60 cps, 30 watts
Winding Speed: $22\frac{1}{2}$ IPS
Drive Motor: 4 pole induction
Take Up Reel: Up to 7 1/4" Dia.
Capacity: Handles supply reel up to 3600' 1 mil lubricated tape.

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Spotmaster



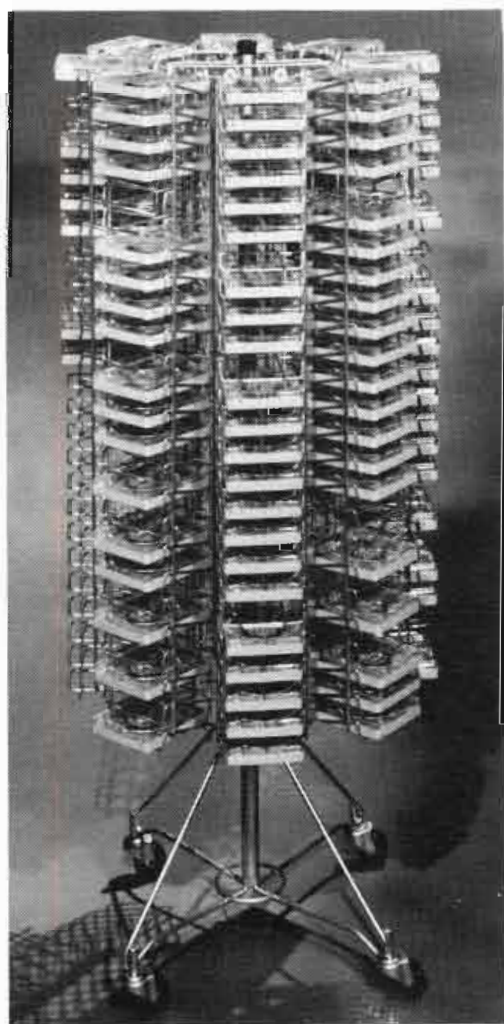
Spotmaster Tape Cartridges

Manufactured by Fidelipac for Broadcast Electronics, Inc. in sizes from 20 seconds to 31 minutes. Custom loaded cartridges available on request. See cartridge price list for additional information.



RM-100 Wall Mount Cartridge Rack

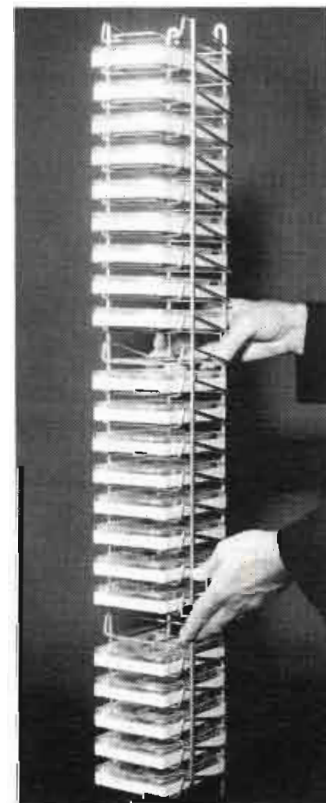
Provides convenient storage for 100 Series 300 cartridges in minimum space. Modular construction permits wall or table top mounting of one or several units. Gray Formica trim. Dimensions: 2' H x 2' W x 4 $\frac{3}{8}$ " D



RS-200

RS 200 LAZY SUSAN CARTRIDGE RACK RS 25 RACK SECTION

The new RS-200 Lazy Susan revolving tape cartridge rack holds 8 removable rack sections providing storage for 200 cartridges. Each of the 8 rack sections holds 25 cartridges and may be removed from the Lazy Susan to sub-control rooms or studios as desired. Extra rack sections (Model RS-25) are available in single units and may be wall mounted in multiple to provide unlimited cartridge storage space. Model RS-25 rack sections are 34 inches high, 4 $\frac{3}{4}$ inches wide, 5 inches deep. The RS-200 Lazy Susan equipped with 8 rack sections is 51 $\frac{1}{4}$ inches high and 20 $\frac{1}{2}$ inches in diameter. All steel, zinc plated construction with four heavy duty casters for easy mobility.



RS-25

BROADCAST ELECTRONICS, INC.
8800 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Spotmaster



Spotmaster

PRE-AMP POWER SUPPLY

A solid-state source of power specifically designed for use with transistorized turntable preamplifiers such as our TT20A . . . Never use batteries again . . . Delivers well-filtered 13 volts DC for up to four preamplifiers.

LUBRICATED TAPE

World-renowned Scotch Recording Tape type HD-151 specifically recommended by Spotmaster for tape cartridge use . . . A heavy-duty tape featuring a special lubricated surface for cleaner, longer tape life . . . 1600 feet/7-inch reel or 3600 feet/NAB Hub.



DEGAUSSERS

Handy bulk eraser essential for cartridge users . . . Assures clean, noiseless tape . . . Pushbutton switch . . . 6-foot cord. Head demagnetizer indispensable for maximum head response . . . handy tubular design . . . will not scratch heads.

TAPE TAGS

Handy self-adhesive labels especially die-cut and color-coded for cartridge cataloging . . . Each label fits cartridge perfectly . . . Room for three typewritten lines . . . Sheets of 8 tags . . . Red, Blue, Green, Yellow and Orange.



TP 60 TAPE TIMER

Precise tape or speed measuring device . . . Scale calibrated in minutes and seconds at $7\frac{1}{2}$ or $3\frac{3}{4}$ IPS . . . Features reset knob and strobe disc for speed checks . . . Use with reel-to-reel or cartridge units.



BE101



BE102

REMOTE CONTROL UNITS

Plug right in to any Spotmaster . . . each unit controls up to three machines . . . Start only or Start and Stop models . . . convenient desk-top panel with 15-feet of cable.

BE-903 CLEANING FLUID

Our exclusive special blend was developed to meet stringent broadcaster requirements . . . Quickly dissolves accumulated tape oxides . . . Will not harm heads or rubber parts . . . Safe to use . . . 4 oz. bottles, 16 and 32 oz. cans.



REPLACEMENT HEADS

Broadcast Electronics' complete selection of high-quality replacement heads always available for immediate shipment . . . Accept no substitutes . . . insist on genuine Spotmaster Replacement Heads.

ALIGNMENT TOOL

A specially designed tool to quickly align Nortronics rear-mount heads.



ADJUSTABLE HEAD BRACKET

Spotmaster's "Quik Line" head bracket and "no mount" plug-in heads make quick work of head installation and alignment . . . Available for all current model Spotmasters . . . Completely assembled or in kit form.

BROADCAST ELECTRONICS, INC.

8800 Brookville Road, Silver Spring, Maryland, Dial JU8-4983

Spotmaster

EQUALIZED TURNTABLE PREAMPLIFIER



SPECIFICATIONS:

SIZE: 2 1/2" x 2 1/2" x 5 1/2" overall
WEIGHT: 8 ounces
POWER REQUIREMENTS: Min. 6 volts DC @ 3.75 ma
Max. 15 volts DC @ 12 ma
INPUT: Variable Reluctance
Pickup Cartridge
INPUT LEVEL: 25 mv max

OUTPUT: 500 ohms or higher
(emitter follower)
with transformer output, optional extra
OUTPUT LEVEL: -12 dbm
DISTORTION: Less than 1%
NOISE LEVEL: Better than 65 db below
rated output.
FREQUENCY RESPONSE: ± 2 db30-15000 CPS
(NAB Test record,
VR Pickup Cartridge)

Model TT-20A

The Model TT-20A equalized turntable preamplifier is a compact, low distortion, low noise, transistorized audio amplifier with built-in equalization conforming to NAB industry standards. The amplifier is contained in a metal case designed to be mounted in or near a turntable cabinet. Convenient screw type terminals are provided for connection to associated equipment.

Exceeding care was taken in the design of the preamplifier to provide the lowest possible residual noise levels so necessary for the quality reproduction of low level transcriptions. No coils or inductors are used in the basic amplifier. Equalization is accomplished by means of a selective negative feedback circuit and negative reactive components. The noise level of a typical preamplifier is better than 65 decibels below the rated output. The distortion percentage is below 1% over its useful range.

The TT-20A preamplifier is extremely tolerant as to power supply requirements. It may be operated from any well filtered DC power supply providing a minimum of 6 and a maximum of 15 volts, or a 6 volt battery.

Since the current requirement of the TT-20A is exceedingly small (3.75 ma at 6 volts), it lends itself well for dry cell battery operation. This may well be the most advantageous way to operate the amplifier in many installations. It was specifically designed with this in mind so as to make possible minimum installation effort and to completely eliminate residual hum present to some extent in any AC powered DC supply.

The Model PR-4 transistor power supply is available for use with the TT-20A, if desired. Four individually filtered 12 volt DC power sources are provided to power up to four TT-20A preamplifiers. Write, wire or phone for complete details.

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Spotmaster

Your Key to Dynamic Programming and Pushbutton Broadcasting

SPOTMASTER Features

- 1, 2, or 3 automatic electronic cueing tones
- 100% solid state design
- Zener regulated power supply
- Designed and developed by broadcast engineers for the broadcast industry
- Heavy duty construction
- Field-tested, field-proven dependability
- Both compact and rack-mount models, mono and stereo
- Separate record and play heads (monitor while recording)
- Delayed programming models
- Rugged hysteresis synchronous motor
- Sealed plug-in relays
- Unitized modular amplifiers
- One-hand operation, snap-in cartridge loading
- Instant pushbutton stop/start for live inserts
- Plug in remote control
- Wide range response: 50-12,000 cps ± 2 db
40-15,000 cps ± 3 db
- Distortion below 2%
- Wow and flutter below 0.2%
- Easy maintenance
- Uses standard tape cartridges
- Convenient storage racks for tapes, plus all possible accessories for studio and field use

NEW SPOTMASTER 500 SUPER B

Today's Most Advanced Cartridge Tape Recorder Systems at Sensible Prices

SUPERIOR DESIGN, RELIABILITY. Today's new SPOTMASTER recorders and playback units meet the most stringent requirements of broadcasters for pushbutton operation and 24-hour-a-day reliability in cartridge tape systems . . . mono and stereo. Designed by broadcast engineers for the broadcast industry, SPOTMASTER systems have set a standard of reliability that has made SPOTMASTER the preferred choice by more stations — on six continents — than any other cartridge tape units.

FOOLPROOF, SPLIT-SECOND, ONE-HAND OPERATION. SPOTMASTER equipment fills the need for tight and profitable programming of spots and commercial announcements through the use of continuous loop tape cartridges and electronic pulse cueing—completely eliminating the cueing, rewinding, and threading problems of conventional tape handling devices. Just snap a cartridge into place, push a button, and your spot is on the air — a split-second, one-hand operation.

RECORDING IS EASY. Snap in a cartridge, establish the recording level, and push the "start" button. Your spot or program material, plus an electronic cueing pulse, is automatically recorded on a continuous loop tape for instant replay or standby service.

CONSTANT QUALITY. Transcribed spots dubbed to tape cartridges can be played and replayed without deterioration in quality — no more scratchy transcriptions, missed cues, jumped grooves, and wrong speeds. This is pushbutton broadcasting at its best . . . with spots, station breaks, sound effects, jingles (even entire programs) instantly at hand, cued, and ready for split-second use.

TOP QUALITY, COMPETITIVELY PRICED. Competitively priced despite their superior quality, SPOTMASTER cartridge tape recorder/reproducer and playback-only units are also available under an attractive lease arrangement. Leasing is accomplished with a minimum of paper work and red tape, and the lease may include renewal and purchase options.

COMPLETE LINE OF ACCESSORIES. Broadcast Electronics offers the industry's most comprehensive collection of cartridge tape system accessories and related equipment.

THREE FREQUENCY CUE-TRIP OPTIONS

All Spotmaster Model B Units are designed to permit ready installation of dual-frequency Cue-Trip options which give added capabilities for automated sequencing of additional cartridge units, standard reel-to-reel equipment, slide projectors, or other switching functions.

Cue-Trip Tone Pulsers installed in Model 500B Recorder/Playbacks provide for manual selection of two additional tone pulses other than the primary 1,000cps used to automatically stop the tape. Cue-Trip 1 provides 150cps for typical use at end-

of-message to activate other equipment. Cue-Trip 2 offers an 8kc tone typically used at random to activate television slide projection equipment, etc.

All Spotmaster Super B units may be equipped with amplifiers and tone activated relays sensitive to either Cue-Trip 1 or Cue-Trip 2, complying with NAB standards.

Spotmaster "Compact 400" units may be equipped with one additional Cue-Trip tone (150 cps).

Spotmaster

"Tighter cueing and better sound . . . we are very pleased."
Leroy A. Bellwood, KOGO

" . . . no more noisy playbacks or jumping grooves. We have not bought a single acetate blank disc since installing your machines in July, 1960."
William R. Hoos, WFBR

"In my opinion, no station should be without a SPOTMASTER."
Dan Diener, WUST

"We at WRTA feel that SPOTMASTER is the most versatile instrument introduced to broadcasting since the advent of tape."
Louis Murray, WRTA

Our DJ's say, "take anything but don't take our SPOTMASTER!"
M. H. Blum, WANN

"We are still finding new uses for our Spotmasters. It has been a time saver, money saver and a life-saver for WICO."
Bob Doyle, WICO

"With a small staff, we are able to utilize SPOTMASTER . . . in such a way that it sounds as if we had 30 or 40 guys milling around fighting to get on the air. In other words, we get a much bigger, better sound."
Curt White, WDMV

"Take them away from us and you may as well have taken our microphones. No more scratchy E.T.'s, only the highest quality sound for every client."
Tom Kita, WLEE

" . . . We received our SPOTMASTER this morning, plugged it in, and now it's in operation . . ."
KILO, Grand Forks, N. D.

" . . . We are experiencing excellent service from our three units and are proud of their audio quality and dependability . . ."
KSUM, Fairmont, Minn.

" . . . The two 505's we purchased over two years ago have been tremendous . . . the mileage we got out of both units has been absolutely unbelievable"
WKVA, Lewistown, Pa.

"We have improved our production immensely."
Art Shultz, KING

" . . . frankly, I don't know how we ever got along without this equipment."
J. T. Showden, Jr.
WGTC

"Extremely delighted, works beautifully and the service is excellent. I highly recommend the SPOTMASTER."
Pierre Eaton, WINX

" . . . SPOTMASTER's reputation is excellent and we think we've gotten the industry's best buy . . ."
WJMA, Orange, Va.

" . . . The Control Board has just completed our annual inspection and all our SPOTMASTER machines passed with honours . . ."

3UZ, Melbourne, Aust.

" . . . We are extremely happy with your service and are proud of the SPOTMASTERS we have in our two stations . . . we have also recommended them to another station . . ."
KSOX, Raymondville, Tex.

" . . . Using SPOTMASTERS for two years now, and we're tickled pink with them . . . they've given us nothing but good service in spite of the hard use we make of them . . ."
KCKN, Kansas City, Kansas

" . . . We have four SPOTMASTER units in 24-hour operation and have found them to be the most trouble free and well designed unit on the market . . ."
— WAAY, Huntsville, Ala.

. . . the whole industry is
broadcasting the praises of

Spotmaster

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