



## Interphone Equipment

- Interconnection for studio and/or remote
- Mounts to console, desk, wall, camera head
- Designed for RCA Cameras—compatible with most others
- Two types available—transistorized or induction-coil



Interphone Equipment provides convenient line-switching and headset-connection facilities for TV-camera, studio and remote communication systems.

Heart of the system is the Interphone Connection Unit. Two types of connection are available: The Transistorized Interconnection Unit (MI-11784) must be used with the RCA Type TK-45 and other late model cameras having transistorized intercommunication systems. The Intercom Interconnection Unit (MI-11734) is for use with earlier RCA studio- and field-type cameras. The two interconnection units cannot be intermixed in a system.

Interphone Connection Unit (MI-11734) for use with earlier cameras and equipment with "party-line" intercoms.



Transistorized Interphone Connection Unit (MI-11784) for use with RCA TK-45 Camera and other late-model units with transistorized intercom systems.

The MI-11784 unit includes a single stage transistorized amplifier with bridge rectifier, sidetone-compensation network and level control. Each station on the line can adjust volume to suit individual requirements. A three-way switch selects three intercom lines and separate volume controls for "phone" and "cue" adjustments are on the front panel. The box also contains two phone jacks to accommodate single or double headsets. A 9-pin and a 12-pin cable-connector plug on the rear are used for external connection.

Operating power for the MI-11784 interphone unit is derived from a common-battery circuit to which it is connected. A bridge-rectifier, in the line to the amplifier, maintains correct polarity at the amplifier regardless of line polarity. The sidetone-compensation bridge holds the sidetone level to within 2 dB of received level for any number of stations up to 32.

The Transistorized Interphone Connection Unit, MI-11784 can replace the

MI-11734 unit where it is designed to modernize the system. The unit physically replaces the MI-11734 Connection Unit and operates with virtually all commercially available TV headsets using carbon microphones. The substitution can be made only if the camera is modified by substituting an MI-11757 Transistor Amplifier for the induction coil in the interphone circuit. Other circuit changes, as outlined in the instruction book, are also required.

The Interphone Connection Unit (MI-11734), consists of a simple circuit with an anti-sidetone feature. The circuit is housed in a compact box with two phone jacks for use either with a single or double headset as required and a two-position switch for "local" circuit or "remote" line. It is designed to work in early intercom systems employing induction coils throughout.

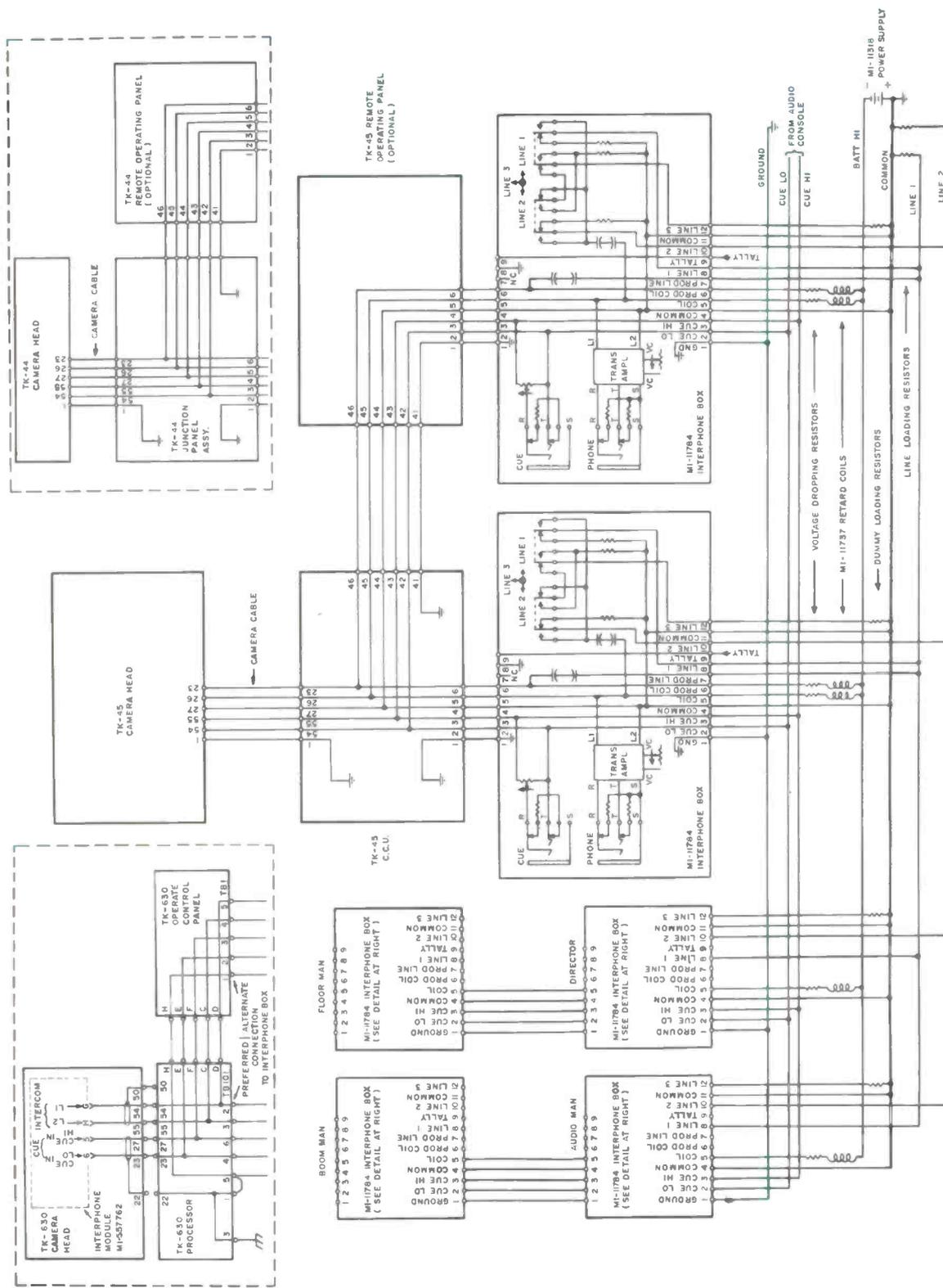
All other components of the Interphone System are designed for operation with either Interconnection Unit.

The Retardation Coil (MI-11737), permits simultaneous use of four carbon microphones such as one interphone connection unit and three camera headsets on a common power supply. The coil permits a d-c power voltage to be imposed upon the two-wire telephone talking line. MI-11737 is an audio-frequency choke which isolates the power supply from the telephone line at voice frequencies.

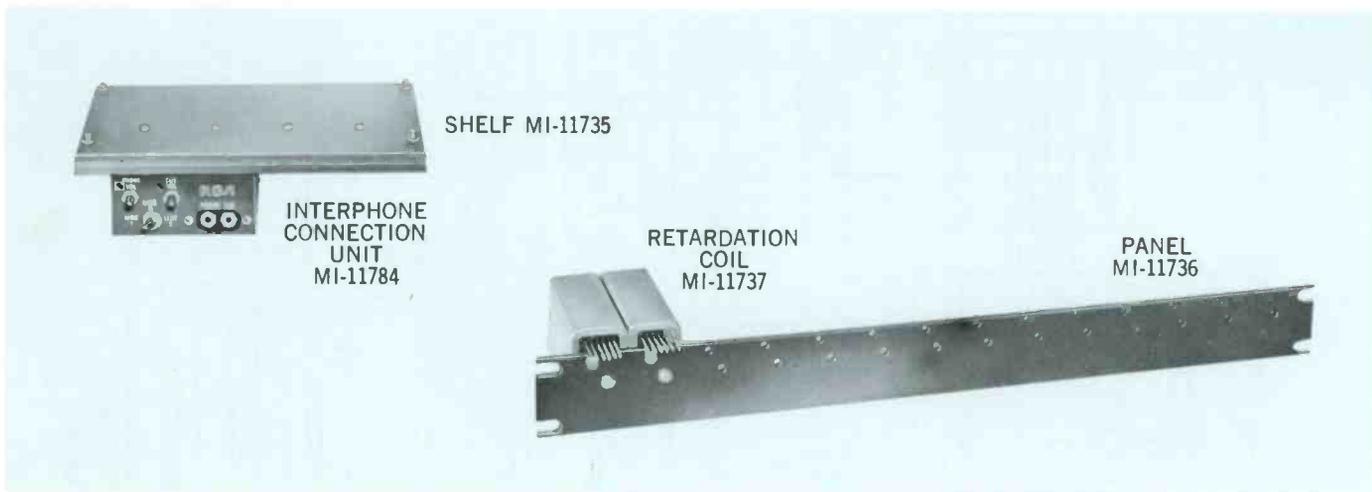
The Mounting Panel (MI-11736) is recommended for mounting retardation coils. The panels have standard mounting dimensions for use in the Type BR-84 Series Racks.

The Accessory Shelf (MI-11735) is available for mounting the interphone connection units under the desktops of console housings. The plate accommodates one or two Interphone Connection Units.

Either a single or double headset can be used. One earphone unit of the double head-band assembly is used for "cue" reception. Either type can be used in the same system.



Typical Interconnection Diagram for RCA TK-44 and TK-45 Cameras.



**Specifications**

**Transistorized Interphone Connection Unit (MI-11784)**  
 Impedance .....120 ohms  
 DC Voltage (Nominal) .....3.5 V  
 DC Current (Approx.) .....40 mA  
 Dimensions Overall .....4<sup>5</sup>/<sub>8</sub>" W, 2<sup>1</sup>/<sub>2</sub>" H, 6<sup>3</sup>/<sub>4</sub>" D  
 (117, 64, 171 mm)  
 Weight .....30 oz. (850 g)

**Interphone Connection Unit (MI-11734)**  
 Dimensions Overall .....4<sup>5</sup>/<sub>8</sub>" W, 2<sup>3</sup>/<sub>16</sub>" H, 4<sup>1</sup>/<sub>4</sub>" D  
 (117, 36, 108 mm)  
 Weight .....27 oz. (765 g)

**Retardation Coil, MI-11737**  
 DC Resistance .....165 ohms  
 Inductance .....3.4 mh  
 Maximum Recommended Load Current (DC) .....125 mA  
 Dimensions Overall .....1<sup>3</sup>/<sub>16</sub>" W, 1-45/64" H, 4<sup>5</sup>/<sub>8</sub>" D  
 (302, 42, 117 mm)  
 Weight .....16 ozs. (454 g)

**Power Supply (MI-11318)**  
 Power Requirements .....117/234 V, 50/60 Hz, 144 W  
 Output .....Regulated 24 Vdc, 6A  
 Dimensions Overall .....19" W, 5<sup>1</sup>/<sub>4</sub>" H, 9<sup>3</sup>/<sub>4</sub>" D  
 (483, 133, 248 mm)  
 Weight .....25 lbs. (11 kg)

**Mounting Shelf (MI-11735)**  
 Capacity .....Mounts one or two Units  
 Dimensions .....11" L, 6<sup>3</sup>/<sub>8</sub>" W (280, 162 mm)  
 Weight (Approx.) .....2 lbs. (907 g)

**Retardation Coil Panel (MI-11736)**  
 Capacity .....14 retardation coils  
 Dimensions .....19" W, 1<sup>3</sup>/<sub>4</sub>" H (483, 44 mm)  
 Weight .....18 ozs. (680 g)

**Accessories**

Single Headband Assembly .....MI-11743 or MI-141006  
 Double Headband Assembly .....MI-11744 or MI-141007  
 Regulated Power Supply (24 Vdc, 6A)  
 117 V, 50/60 Hz .....MI-11318

**Ordering Information**

Transistorized Interphone Connection Unit .....MI-11784  
 Interphone Connection Unit .....MI-11734  
 Retardation Coil .....MI-11737  
 Mounting Shelf .....MI-11735  
 Retardation Coil Panel .....MI-11736  
 Transistorized Amplifier (Replacement  
 for Induction Coil) .....MI-11757



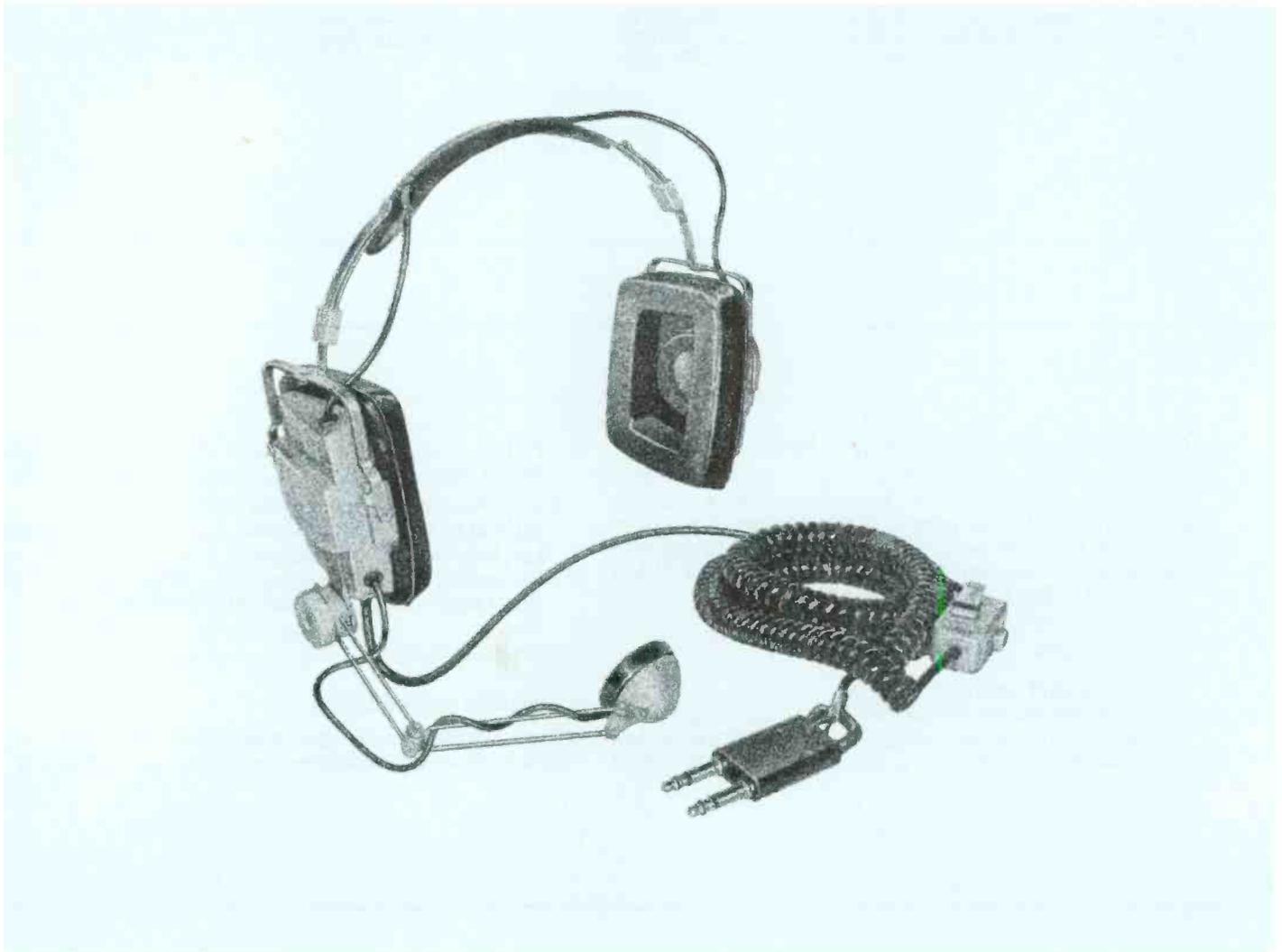
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(Replaces B.1310)

## Headphones and Headsets

- Singles, doubles, with, without mike
- Noise-cancelling microphones
- Comfortable ear and headband pads
- Sliding friction headband adjustment
- Belt clip included with long cords

RCA single and double headsets are lightweight, durable assemblies for use by commentators, cameramen and other crew members. There are twelve sets in the group. The selection provides a choice between single and double earpieces, magnetic or dynamic earpiece elements, with mike or without, carbon or dynamic microphone elements, cord length, cord style and connector configuration.



### Cameraman/Commentator Lightweight Headsets

Equipped with a noise-cancelling carbon or dynamic microphone. These headsets are intended for use in areas of high ambient noise. The earpieces are equipped with plastic cushions that help keep noise outside. Carbon-mike sets include a mike on/off switch that connects a dummy load resistor in the circuit while the mike is off.

#### Specifications

##### Carbon Microphone

Noise Cancellation (average) .....18 dB  
 Sensitivity (ref: 1 mW/Nm<sup>2</sup>, 30-ohm load) .....-13 dB  
 Nominal Impedance .....30 ohms  
 Frequency Range .....300-4000 Hz

##### Dynamic Microphone

Noise Cancellation (average) .....15 dB  
 Sensitivity (ref: 1 mW/Nm<sup>2</sup>) .....-57 dB  
 Nominal Impedance .....150 ohms  
 Frequency Range .....100-5000 Hz

##### Earphone Element

Sensitivity (in 6 cc coupler) .....118 ±3 dB  
 Input Impedance .....300 ohms  
 Frequency Range .....100-4300 Hz  
 Power Handling Capability .....100 mW  
 Harmonic Distortion .....3% max.

#### Cord Length (vinyl covered):

MI-141006 and MI-141007 (coiled cord) .....15 ft. (4.6 m)  
 MI-141009S and MI-141009D .....62 in. (1.56 m)  
 MI-141009S1 and MI-141009D1 (coiled cord) .....15 ft. (4.6 m)

#### Plugs and Connectors:

MI-141006 .....PJ-051B  
 MI-141007 .....PJ-6  
 MI-141009S .....PJ-051B and XLR-3-12C  
 MI-141009S1 .....Switchcraft 414

#### Weights (less cord, approx.):

Single Earpiece Sets .....8.5 oz. (241 g)  
 Double Earpiece Sets .....9.5 oz. (269 g)

#### Ordering Information

##### Camera Headsets:

Single Earpiece with Carbon Mike .....MI-141006  
 Double Earpiece with Carbon Mike .....MI-141007

##### Commentator Headsets:

Single Earpiece with Dynamic Mike .....MI-141009S  
 As above with coil cord and  
 Switchcraft 414 plug .....MI-141009S1  
 Double Earpiece with Dynamic Mike .....MI-141009D  
 As above with coil cord, on/off switch and  
 Switchcraft 414 plug .....MI-141009D1

### Cameraman Single and Double Headsets

These headsets are available in single and double-receiver styles. The double-earpiece set is wired to monitor both cue and program. The microphone is a noise-cancelling carbon unit on a trombone boom. Earpiece elements are dynamic. The double headset includes a mike on/off switch, a 15-foot coiled cord and a PJ-6 (WE-213) plug.

#### Specifications

##### Single-Receiver/Transmitter Headset

Receiver Impedance (at 800 Hz) .....275 ohms  
 Microphone (noise-cancelling) .....single button carbon  
 Cord Length (3-conductor) .....5 ft. (1.5 m)

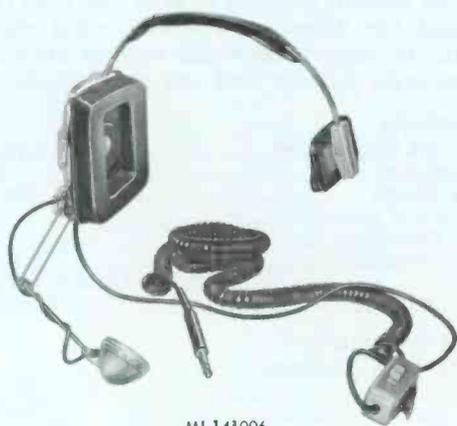
Plug .....PJ-051B (WE-310)  
 Weight (less cord) .....6½ oz. (184 g)

##### Double-Receiver/Transmitter Headset

Right-Side Receiver Impedance .....275 ohms  
 Left-Side Receiver Impedance .....650 ohms  
 Microphone (Noise-cancelling) .....Single button carbon  
 Cord Length (In-line mike switch) .....3 to 15 ft. (0.9 to 4.5 m)  
 Plug .....PJ-6 (WE-213)  
 Weight (less cord) .....10½ oz. (298 g)

#### Ordering Information

Single Headset/Transmitter Assembly .....MI-11743  
 Double Headset/Transmitter Assembly .....MI-11744



MI-141006



MI-141007



MI-141009S



MI-141009D



MI-11743



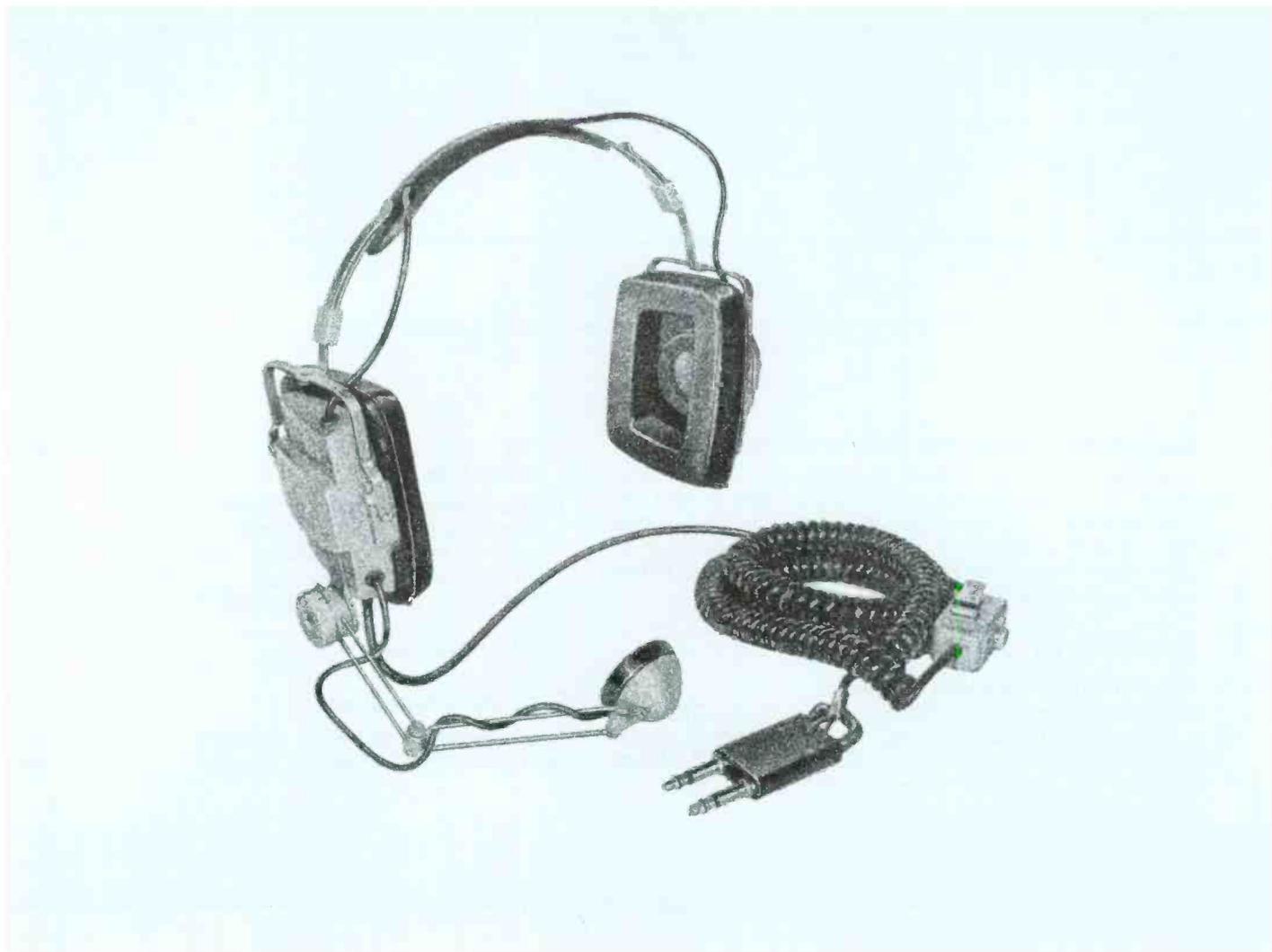
MI-11744



## Headphones and Headsets

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- Noise-cancelling microphones
- Comfortable ear and headband pads
- Sliding friction headband adjustment
- Belt clip included with long cords

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 Input Impedance .....300 ohms  
 Frequency Range .....100-4300 Hz  
 Power Handling Capability .....100 mW  
 Harmonic Distortion .....3% max.

#### Cord Length (vinyl covered):

MI-141006 and MI-141007 (coiled cord) .....15 ft. (4.6 m)  
 MI-141009S and MI-141009D .....62 in. (1.56 m)  
 MI-141009S1 and MI-141009D1 (coiled cord) .....15 ft. (4.6 m)

#### Plugs and Connectors:

MI-141006 .....PJ-051B  
 MI-141007 .....PJ-6  
 MI-141009S .....PJ-051B and XLR-3-12C  
 MI-141009S1 .....Switchcraft 414

#### Weights (less cord, approx.):

Single Earpiece Sets .....8.5 oz. (241 g)  
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#### Ordering Information

##### Camera Headsets:

Single Earpiece with Carbon Mike .....MI-141006  
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Single Earpiece with Dynamic Mike .....MI-141009S  
 As above with coil cord and  
 Switchcraft 414 plug .....MI-141009S1  
 Double Earpiece with Dynamic Mike .....MI-141009D  
 As above with coil cord, on/off switch and  
 Switchcraft 414 plug .....MI-141009D1

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#### Specifications

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 Cord Length (3-conductor) .....5 ft. (1.5 m)

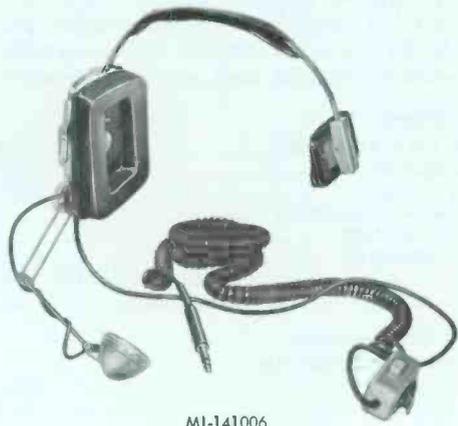
Plug .....PJ-051B (WE-310)  
 Weight (less cord) .....6½ oz. (184 g)

##### Double-Receiver/Transmitter Headset

Right-Side Receiver Impedance .....275 ohms  
 Left-Side Receiver Impedance .....650 ohms  
 Microphone (Noise-cancelling) .....Single button carbon  
 Cord Length (In-line mike switch) .....3 to 15 ft. (0.9 to 4.5 m)  
 Plug .....PJ-6 (WE-213)  
 Weight (less cord) .....10½ oz. (298 g)

#### Ordering Information

Single Headset/Transmitter Assembly .....MI-11743  
 Double Headset/Transmitter Assembly .....MI-11744



MI-141006



MI-141007



MI-141009S



MI-141009D



MI-11743



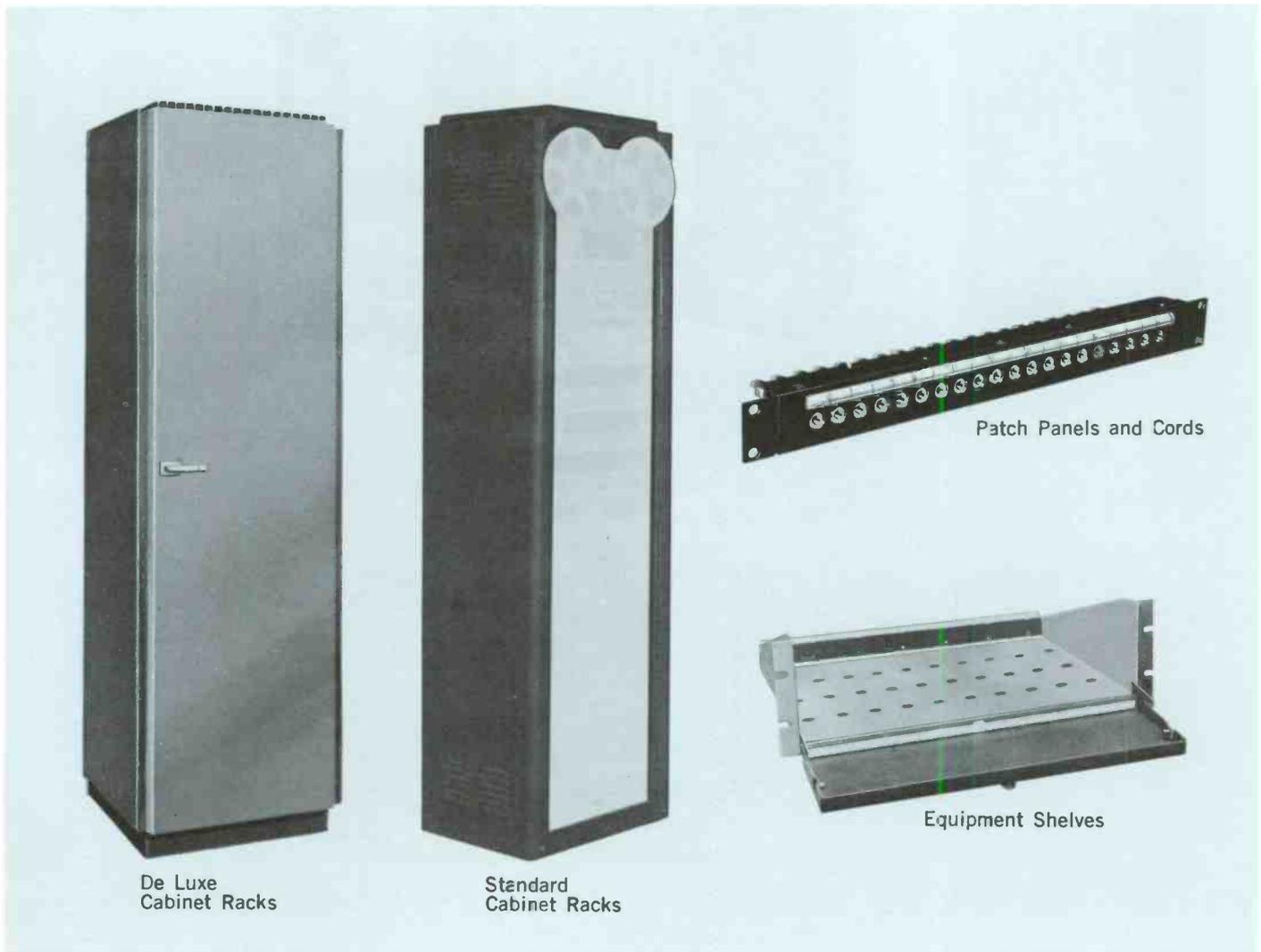
MI-11744



## Cabinet Racks, Jack Panels, Patch Cords, Rack Accessories

- Three cabinet-rack styles
- Rack-mount equipment shelves
- Blank panels—electrical shields
- Power distribution—circuit breakers
- Terminal boards—patch panels and cords

Described in these pages is a line of cabinet racks and various rack-associated accessories useful in the installation of both audio and video systems. There are three styles of cabinet racks, rack-mount shelves for amplifier and switcher modules, terminal blocks and boards, blank panels, trim strips, electrostatic shields, jack panels, cords and plugs, ground-bus kits, power circuit-breakers, wiring kits and so on.



De Luxe  
Cabinet Racks

Standard  
Cabinet Racks

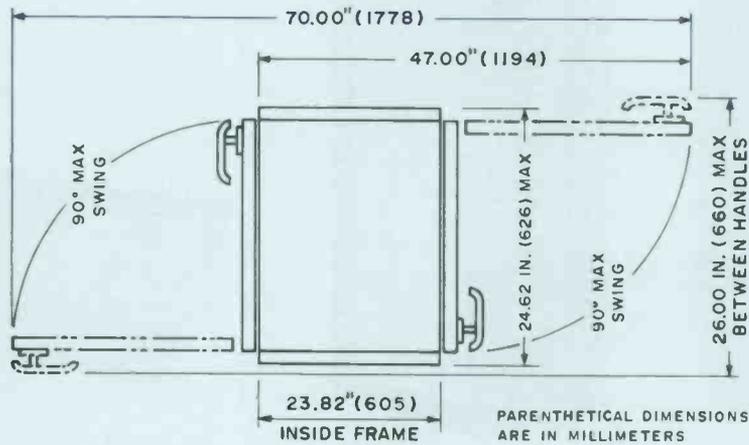
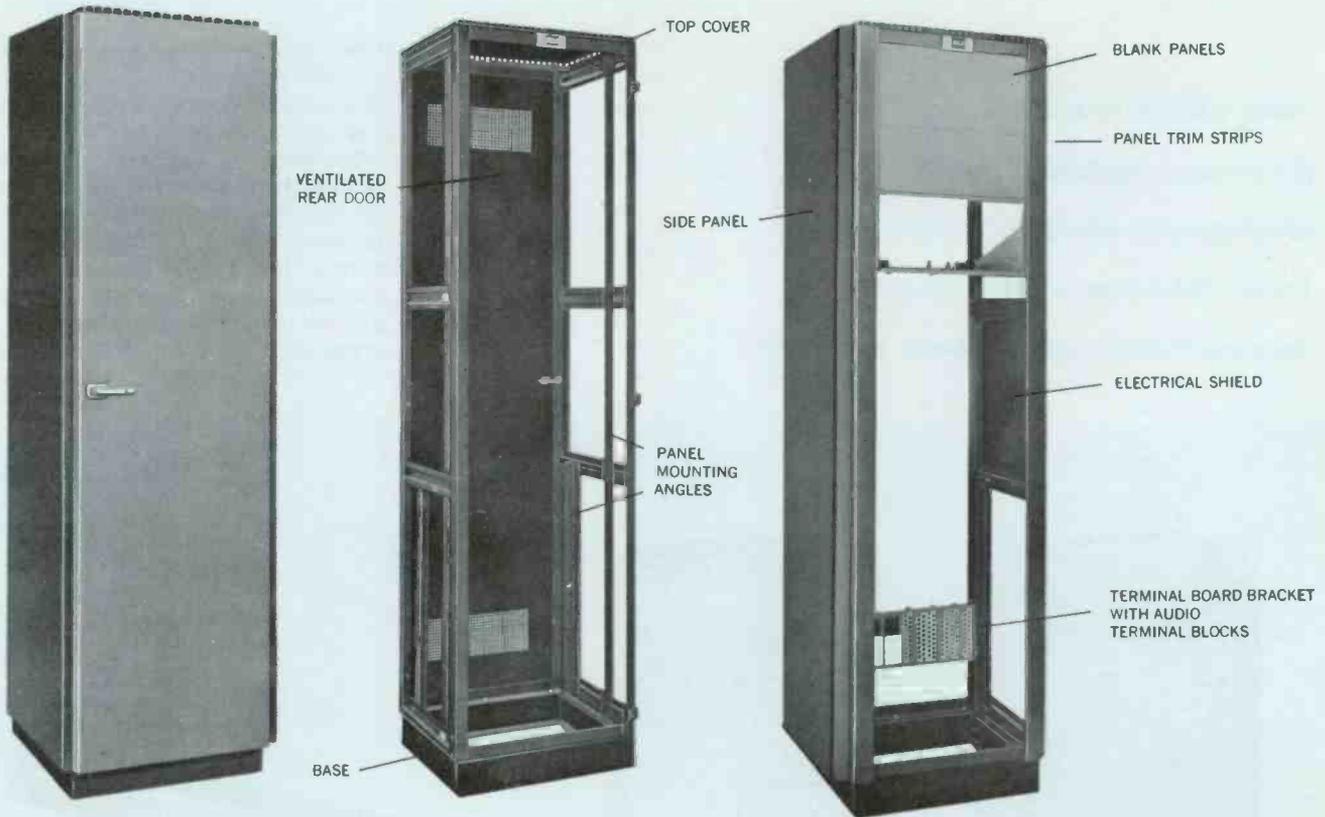
Patch Panels and Cords

Equipment Shelves

## Cabinet Racks and Accessories

Three styles of cabinet racks are offered: two deluxe units and one standard-duty unit. The deluxe racks are modular units available in two heights. The standard-

duty rack is available in but one form with integral side panels, a rear door and no front door. In 77" height and 18" depth only. (Type BR-19).



<b>Specifications</b>	<b>84" Height 24" Depth</b>	<b>77" Height 24" Depth</b>	<b>BR-19 18" Depth</b>
<b>Height:</b>			
Frame .....	80" (2032 mm)	73" (1854 mm)	—
Frame with base .....	84" (2134 mm)	77" (1956 mm)	—
Frame with base and top .....	85" (2159 mm)	78" (1981 mm)	84" (2134 mm)
<b>Panel Mounting Area:</b>			
Width .....	19" (483 mm)	19" (483 mm)	19" (483 mm)
Height .....	77" (1956 mm)	70" (1778 mm)	77" (1956 mm)
Depth .....	24" (610 mm)	24" (610 mm)	18" (457 mm)
Color .....	2-Tone Blue; Vinyl Alum.	2-Tone Blue; Vinyl Alum.	Midnight Blue

<b>Ordering Information</b>	<b>84" Height 24" Depth</b>	<b>77" Height 24" Depth</b>	<b>BR-19 18" Depth</b>
Complete Cabinet Rack (Rack, side covers, top cover, front door and ventilated rear door) .....	ES-36591-N84	ES-36591-N77	Note 1
As Above—Less front door .....	ES-36591-P84	ES-36591-P77	MI-11550
As Above—Less side panels .....	ES-36591-R84	ES-36591-R77	Note 2
Cabinet Rack—with rear door only .....	ES-36591-S84	ES-46591-S77	Note 2
Cabinet Rack— Less doors and panels .....	ES-36591-T84	ES-36591-T77	Note 2
Basic Rack—includes base, panel mounting angles, terminal board mounting angles, hardware .....	MI-36551-U84	MI-36551-U77	Note 2
Ventilated Door—includes handle, keeper, hinges, hardware .....	MI-36535-S84	MI-36535-S77	Note 2
Unventilated door—includes handle, keeper, hinges, hardware .....	MI-36530-S84	MI-36530-S77	Note 2
Side Panels .....	MI-36541-B84	MI-36541-B77	Note 2
Top Cover (ventilated) .....	MI-36521-B1	MI-36521-B1	Note 2
Base (with electrical outlet) .....	MI-36511-2	MI-36511-2	Note 2
Electrical shield: top and bottom .....	MI-36546-A28	MI-36546-A21	Note 2
Electrical shield for mid-section of rack .....	MI-36546-A21	MI-36546-A28	Note 2
Trim Strip Single .....	MI-30566-A84	MI-30566-A77	Note 2
Trim Strip Double .....	MI-30568-A84	MI-30568-A77	Note 2
Terminal Board Mounting Angles .....	MI-30527-A29	MI-30527-A29	Note 2
Panel Mounting Angles .....	MI-30526-A84	MI-30526-A77	Note 2
Terminal Board Bracket .....	MI-4570-A2	MI-4570-A2	MI-4570-A2

NOTE 1: The BR-19 is a standard-duty rack cabinet. It is available in but one form: with integral side panels, top, base and ventilated rear door. Shipped unassembled, hardware included.

NOTE 2: These elements apply only to the 77- and 84-inch Cabinet Racks. They are incompatible with the BR-19.

# Cabinet Rack Electrical Accessories

## Ordering Information

<b>Terminal Blocks</b>	
Power Connections (includes cover) .....	MI-4568
Audio Connections (with 80 terminals) .....	MI-4569
Mounting Bracket (for two MI-4568 or three MI-4569) .....	MI-4570
<b>Ground-Bus Kit (for system ground connections) .....</b>	
MI-11728	
<b>Circuit Breakers (115/230V):</b>	
2.5 Ampere .....	MI-26176-1
5.0 Ampere .....	MI-26176-2
10 Ampere .....	MI-26176-3
20 Ampere .....	MI-26176-4
40 Ampere .....	MI-26176-5
Mounting Panel (For up to 3 breakers) .....	MI-11792
<b>Rack Wiring Kits (include grounding and lacing bars, mounting hardware):</b>	
For 84" (2134 mm) Rack .....	MI-36570-1
For 77" (1950 mm) Rack .....	MI-36570-2

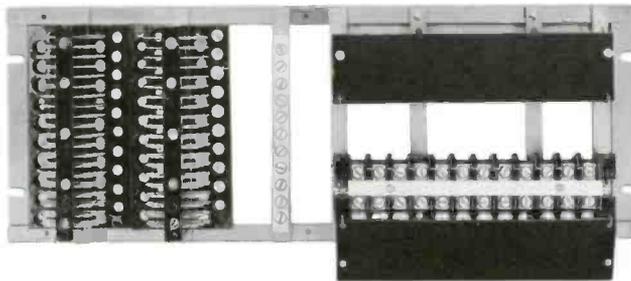
These accessories simplify the wiring of cabinet racks with terminal blocks, ground-bus connections, power-circuit breakers and rack-wiring kits.



Mounting Panel MI-11792 with one breaker installed



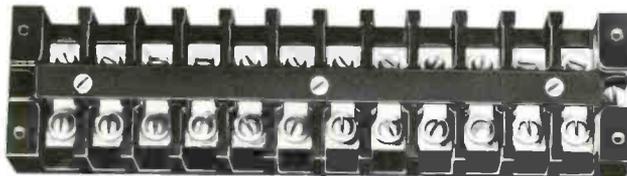
Audio Terminal Block MI-4569



Mounting bracket MI-4570 with two MI-4569 Blocks, one MI-11728 Kit and two MI-4568 Blocks mounted



Mounting Bracket MI-4570



Power Terminal Block MI-4568 (Cover Removed)



Ground-Bus Kit MI-11728

## Equipment Shelves, Type BR-22

The BR-22 Rack-Mount Shelf mounts RCA modular amplifiers. It fits any standard, 19-inch equipment rack and occupies only 5¼ inches of rack space. A removable, hinged cover provides ventilated enclosure for the equipment. One BR-22 shelf accommodates these equipment combinations:

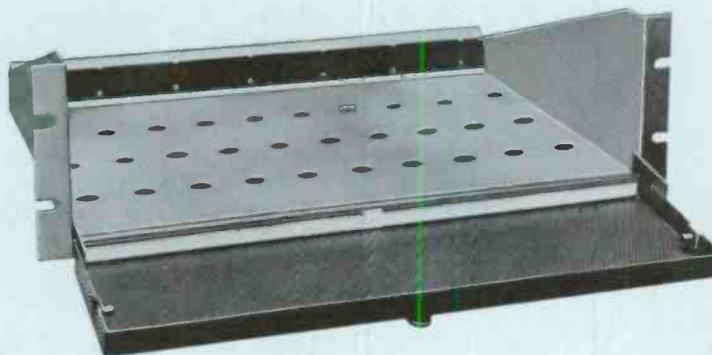
- 10 Preamplifiers (BA-71 or BA-41)
- 3 Program Amplifiers (BA-73, BA-43)
- 3 Monitor Amplifiers (BA-74, BA-44)
- 5 Cue/Intercom Amplifiers (BA-78)
- 2 Power Supplies (BX-71)
- 10 Distribution Amplifiers (BA-40)
- 5 AGC Modules (BA-45)
- 5 Limiter Modules (BA-46)
- 5 Peak-Clipper Modules (BA-47)
- 2 Monitor Amplifiers (BA-48)

### Specifications

Dimensions .....19" W; 5-7/32" H; 13¼" D (483, 133, 337 mm)  
 Mounting Space .....17½" W; 4-11/16" H; 11-3/16" D  
 (435, 119, 284 mm)  
 Weight (Approx.) .....10 lbs. (45 kg)  
 Finish .....Aluminum Color Epoxy Enamel  
 Packed Dimensions .....10" x 17" x 22" (254, 432, 559 mm)  
 Packed Weight .....13 lbs. (6 kg)

### Ordering Information

Rack-Mount Equipment Shelf, Type BR-22 .....MI-11597

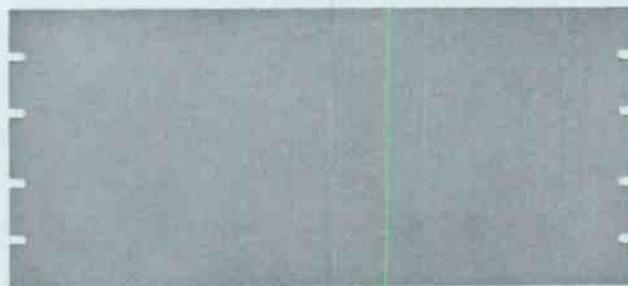


## Blank Panels

All panels are fabricated of 0.18-inch (4.5 mm) aluminum or steel and finished in aluminum-color epoxy enamel. The aluminum panels are available in four widths; the steel, six widths (see *Ordering Information*).

### Ordering Information

Panel Width	Aluminum	Steel
1¾" (44 mm) .....	MI-3090	MI-36547-1
3½" (89 mm) .....	MI-3091	MI-36547-2
5¼" (133 mm) .....	MI-3092	MI-36547-3
7" (178 mm) .....	MI-3093	MI-36547-4
8¾" (222 mm) .....	N/A	MI-35547-5
10½" (267 mm) .....	N/A	MI-36547-6



## Patch Panels, Mats and Cords, Type BJ-12, BJ-20, BJ-24

The BJ-12 Jack Panel is a single row of 12 double jacks. The BJ-24 offers two rows of 12 double jacks. Both include individual cord holders for each jack pair. The jacks mate to cords fitted with PJ-1 or WE-241A plugs (see below).

The Type BJ-20 Jack Panel is a single row of 20 tip-ring-sleeve jacks, spaced 0.75 inches (18 mm) center-to-center.

### Jack Mats

Jack mats are dress panels for jack fields. Two styles are available: one for a single (BJ-24) panel and another for two (BJ-24) panels. The single mat measures 17 by 3-5/32 inches (432 by 80 mm) and the double, 17 by 5-7/32 inches (432 by 133 mm).

### Specifications

	BJ-12	BJ-24	BJ-20
Jack Type .....	Double	Double	Tip, Ring, Sleeve
Panel Dimensions .....	1¾" x 19" (44 x 438 mm)	2½" x 19" (54 x 483 mm)	1¾" x 19" (44 x 438 mm)
Mating Patch Cord .....	PJ-12, -14, -16	PJ-12, -14, -16	PJ-72
Weight (Approx.)....	3 lbs. (1.4 kg)	5½ lbs. (2.5 kg)	3 lbs. (1.4 kg)

### Ordering Information

#### Jack Panels:

12 Jack Pairs, Type BJ-12 .....	MI-11646
24 Jack Pairs, Type BJ-24 .....	MI-11645
20 Tip-Ring-Sleeve Jacks, Type BJ-20 .....	MI-11666

#### Jack Mats:

For single BJ-24 Panel .....	MI-11647-1
For double BJ-24 Panel .....	MI-11647-2

### Patch Cords

RCA Patch Cords are available in 2-, 4- and 6-foot lengths with single or double plugs. Cards are jacketed in tough black braided nylon for extra wear.

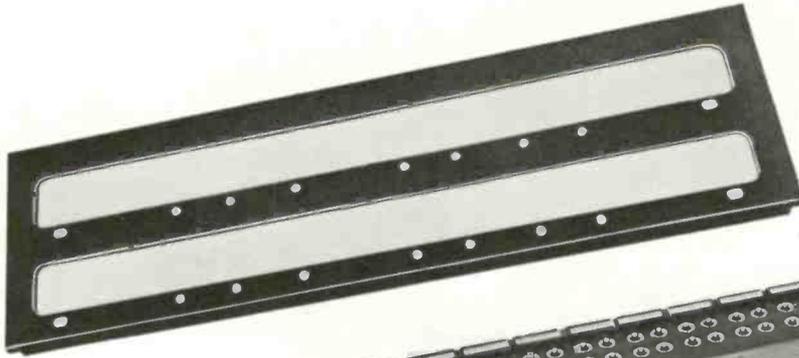
### Ordering Information

#### Patch Cord (Double-Plug Cords):

Two Feet (610 mm) Long, Type PJ-12 .....	MI-4652-2
Four Feet (1220 mm) Long, Type PJ-14 .....	MI-4652-4
Six Feet (1830 mm) Long, Type PJ-16 .....	MI-4652-6

#### Patch Cord (Tip-Ring-Sleeve Plugs):

Two Feet (610 mm) Long, Type PJ-72 .....	MI-4652D-2
------------------------------------------	------------

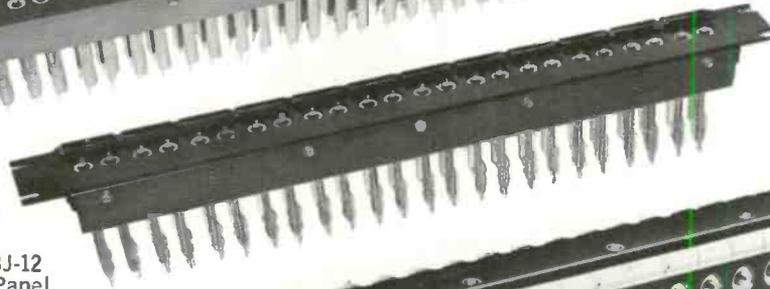


Double Jack Mat, MI-11647-2

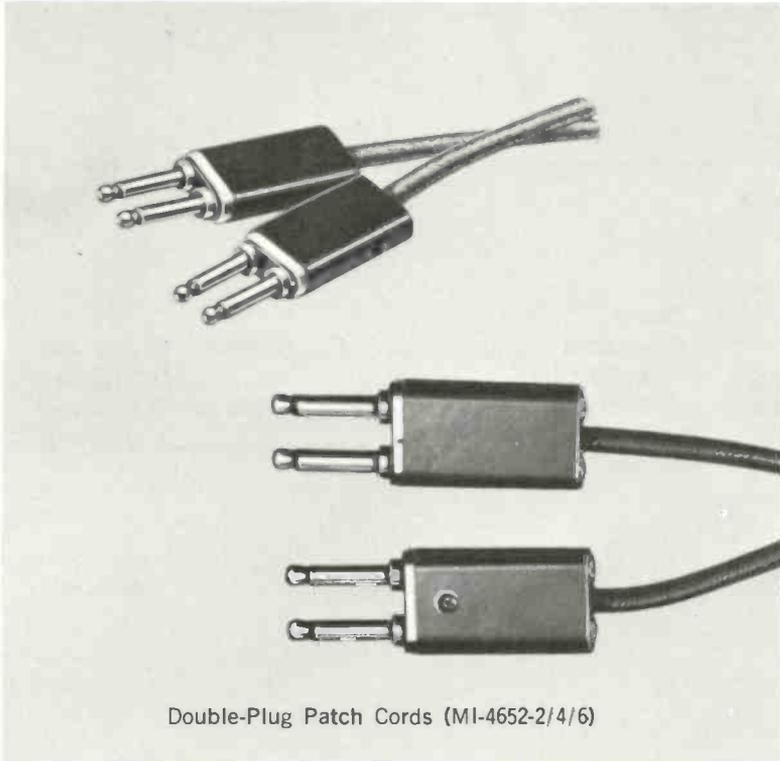
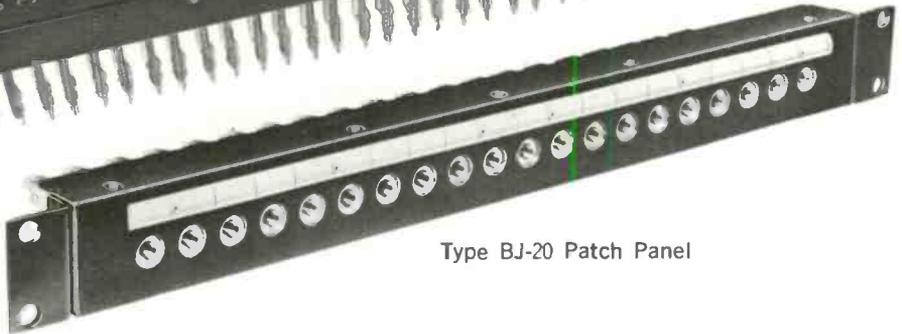
Type BJ-24  
Patch Panel



Type BJ-12  
Patch Panel



Type BJ-20 Patch Panel



Double-Plug Patch Cords (MI-4652-2/4/6)



Tip-Ring-Sleeve Patch Cord  
(MI-4652D-2)

# Switches and Panels

- Six-gang, Form-C leaf switches
- Nine-place panels

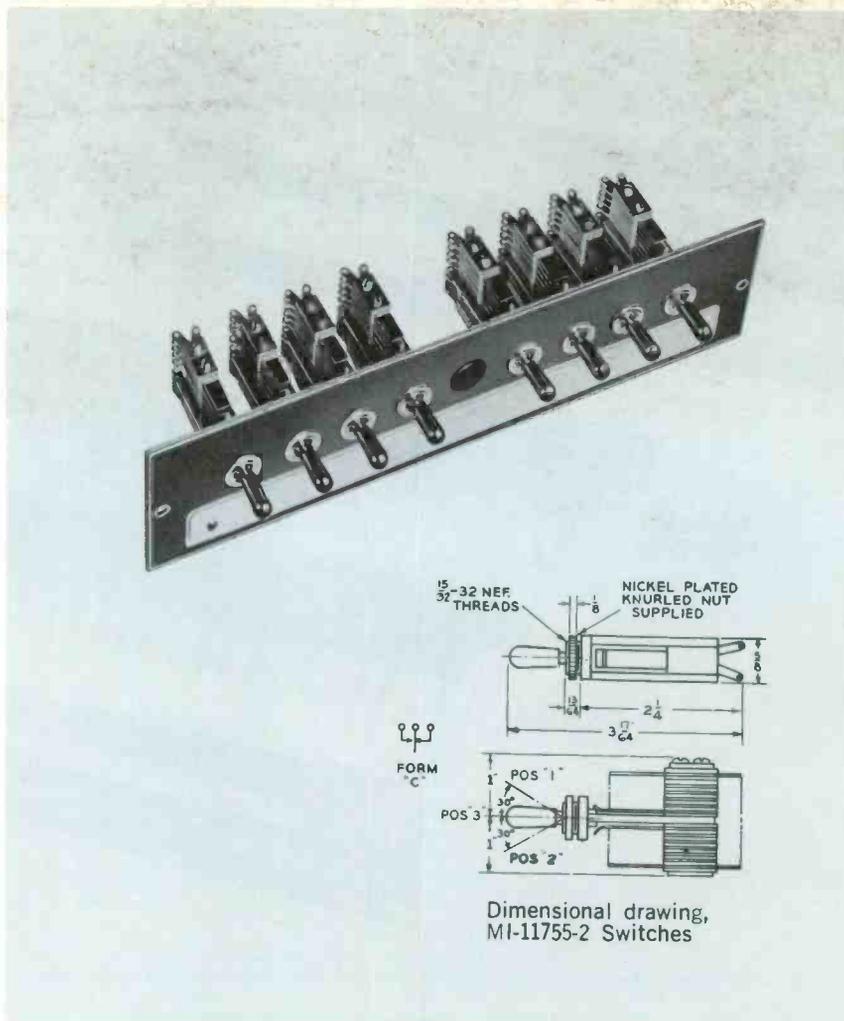
Switches and panels for general studio use in the routing of program audio or a-c power. The items shown in the photo are available individually to allow assembly of the unit that best fits the need at hand.

## Switches

Switches are lever-type, low-capacitance leaf devices with a total of six form-C contact stacks (single-pole, double-throw) with a center-off position. The switches are arranged for lever lock on one side and non-locking on the other. However, they are adjustable for lock or non-lock on either side. The lever uses a Nylon hub for extended life and the contacts are plated with palladium. Maximum current is 3A at 120Vac to a non-inductive load. Two cable clamps included.

## Panels

Made of reverse-etched aluminum, the panel is punched with nine 15/32-inch holes to accommodate the switches described above or other appropriate devices such as indicator lamp, toggle switches, etc. An erasible, write-in strip is included for labelling.



Dimensional drawing, MI-11755-2 Switches

### Specifications

#### Switches

Type .....Six Form-C (SPDT) circuits  
 Contact Rating (Non-inductive load) .....3A at 120Vac  
 Dimensions .....See drawing

#### Panels

Dimensions .....2 5/8" W; 1 1/2" L (67, 292 mm)  
 Hole Diameter .....15/32" (12 mm)  
 Write-in Strip Dimensions (Approx.) .....1" x 10" (51 x 254 mm)  
 Weight (Approx.) .....1 lb. (454 g)

### Ordering Information

Switch .....MI-11755-2

Panel (Includes plug for each hole) .....MI-11754



## Studio Furniture, Cartridge Storage Racks

- Pleasant styling
- Designed especially for the studio
- Sturdy construction
- Facilitates installation
- Provides ample, orderly storage



Studio furniture, designed especially to meet audio equipment requirements, is available from RCA.

A series of walnut-laminate tables, cabinets and storage racks complements the metal cabinets, racks, panels and other accessories available. The furniture increases station efficiency, facilitates installation, and provides ample, orderly storage space.

Each item is semi-customized to meet specific needs. Tables with optional wire ducts for audio consoles and their attendant wiring; one-, two- or three-unit turntable cabinets provide new ease of operation while cabinets and storage racks provide new ease in cartridge handling.

Square steel framework, sheet steel and walnut high-pressure laminate are the materials used. Satin chrome finished trim with colors that match other RCA equipment lets the furniture create a clean and modern studio appearance.

## Cartridge Tape Equipment Cabinets



Heavy-duty cartridge tape machine cabinets, shown with a single desk-top cabinet, are sturdy, well-constructed versions. The desk-top unit doubles the storage area for additional playback/record units. Dual cabinets and dual desk-top units, as shown on preceding page, are also available.

### Specifications

Construction.....Steel and high-pressure laminate  
 Finish.....Walnut and light gray with satin chrome

#### Dimensions (Overall):

Single Floor Mount Cabinet.....23½" W, 19½" D, 29" H  
 (597, 495, 737 mm)

Double Floor Mount Cabinet.....45½" W, 19½" D, 29" H  
 1146, 495, 737 mm)

Single Floor Mount Cabinet with additional top cabinet.....23½" W, 19½" D, 42" H  
 (597, 495, 1067 mm)

Double Floor Mount Cabinet with double top cabinet.....45½" W, 19½" D, 42" H  
 (1146, 495, 1067 mm)

#### Weight (Approximate):

Single Floor Cabinet.....25 lbs. ((11 kg.)

Double Floor Cabinet.....40 lbs. (18 kg.)

Single Floor Cabinet with top cabinet.....40 lbs. (18 kg.)

Double Floor Cabinet with double top cabinet .....65 lbs. (30 kg.)

### Ordering Information

Cartridge Tape Machine Cabinet, single floor model.....MI-141032

Cartridge Tape Machine Cabinet, double floor model (not illustrated).....MI-141033

Single, Desk-Top Cabinet.....MI-141034

Double, Desk-Top Cabinet (not illustrated).....MI-141035

## Tape Cartridge Storage Units



MI-141037



MI-141038

A swivel cartridge-tape storage case mounted on a pedestal and a wall-mount case are practical means for storing carts in the studio. Both provide added convenience and quick accessibility.

### Specifications

#### Construction:

Case.....High-pressure laminate

Compartments.....Hard Board

Pedestal.....Steel, Chrome Plated

Finish.....Walnut and light gray

	Swivel Case	Wall Mount Case
Storage Capacity.....	204 cartridges	100 cartridges

#### Dimensions:

Case (On S de).....	33½" W, 31¼" H (851 mm, 794 mm)	33½" W, 31¼" H (851 mm, 794 mm)
Case (Depth).....	12" (305 mm)	6" (152 mm)

Weight (Approx.).....	50 lbs. (23 kg.)	40 lbs. (18 kg.)
-----------------------	------------------	------------------

### Ordering Information

Swivel Case on Pedestal.....MI-141037

Wall Mount Case.....MI-141038

## Console Tables



Tables with movable wire ducts are ideal for mounting audio consoles and other studio equipment. Convenient levelers, left-center-right mounting provisions for the ducts, protective one-inch aprons are construction features.

### Specifications

Construction.....	Steel and high-pressure laminate
Finish.....	Walnut grain and light gray with satin chrome
Table Top Dimensions.....	36 x 44 or 64 or 84 inches (914 x 1117 or 2225 or 2733 mm)
Table Height .....	29" (733 mm)
Leveler Range .....	1/4"
Wire Duct.....	18" W, 12" D 27-1/2" H (457, 305, 694 mm)
Weight (Approximate):	
44-Inch Table.....	35 lbs. (16 kg.)
64-Inch Table.....	45 lbs. (21 kg.)
84-Inch Table.....	65 lbs. (30 kg.)

### Ordering Information

44-Inch Table .....	MI-141030-1
64-Inch Table .....	MI-141030-2
84-Inch Table .....	MI-141030-3

## Turntable Consoles



Functionally designed turntable consoles afford a simplified mounting for one, two or three Type BQ-50 or BQ-51 Turntables. Top panels (see below) convert the console into a table. Shown at left is a single-unit console; below it, a triple-unit model with one blank top panel in place.

### Specifications

Construction.....	Steel and high-pressure laminate
Finish.....	Walnut and light gray with satin chrome
Top Dimensions.....	9 1/8 x 23 or 46 or 69 1/8 inches (486 x 584 or 1171 or 1757 mm)
Leveler Range.....	1/4" (32 mm)
Turntable Console Height.....	29" (737 mm)
Turntable Blank Panel .....	23" x 19 1/8" (584 mm x 486 mm)
Weight (Approximate):	
One-turntable Unit .....	25 lbs. (11 kg.)
Two-turntable Unit .....	40 lbs. (18 kg.)
Three-turntable Unit .....	60 lbs. (27 kg.)
Turntable Blank Panel .....	6 lbs. (3 kg.)

### Ordering Information

Turntable Console for one BQ-50 or BQ-51 Turntable.....	MI-141026-1
Turntable Console for two BQ-50 or BQ-51 Turntables (not shown).....	MI-141026-2
Turntable Console for three BQ-50 or BQ-51 Turntables.....	MI-141026-3
Blank Top Panel .....	MI-141027

## Tape Cartridge Storage Racks

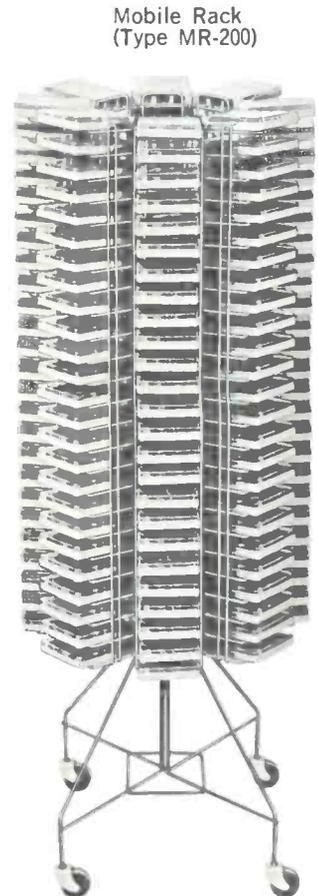
Wall-mount and mobile tape-cartridge racks fabricated of welded, heavy-gauge wire. Each wall rack holds 25 Type A cartridges. Mounting bracket included. The mobile rack holds 200 Type A cartridges.

### Ordering Information

Wall-Mount Cart Rack, Type WR-25 .....	MI-141039
Mobile Cart Rack, Type MR-200 .....	MI-141041
Mobile Rack Base (Racks not included), Type MRB-1 .....	MI-141040



Wall Rack  
(Type WR-25)



Mobile Rack  
(Type MR-200)



## Studio Accessories

- Pads and networks
- VU-meter panels, mono and stereo
- Lighted studio signs—studio clocks
- Line equalizers

Described here are a series of attenuator and bridging pads, divider networks, a pair of VU-meter panels, several lighted studio signs, two studio clocks, and a line-equalizer unit.



## Pads and Networks



Dividing Network  
MI-11704

30-dB Fixed Attenuator  
MI-11793



Balanced "H" Pad  
MI-4171-30



Balanced "H" Pad  
MI-4171-29

RCA offers a comprehensive selection of attenuator pads, bridging pads and dividing networks. The pads and networks are constructed with precision resistors. The terminals are securely mounted with stencilled nomenclature. The fixed, balanced-*H* type is available in four forms; introducing 6-, 10-, 20- or 40-dB insertion loss. The dividing networks are available as shown below:

### Specifications

Dimensions:	
Balanced H Type (MI-4171- )	1 $\frac{5}{8}$ " x 1 $\frac{1}{2}$ " x 1 $\frac{7}{8}$ " H (41 x 38 x 48 m)
Dividing Networks (MI-11704)	1 $\frac{3}{4}$ " Dia. x 1 $\frac{5}{8}$ " H (44 x 41 mm)
Isolation Pad (MI-11705)	1 $\frac{5}{8}$ " x 1 $\frac{1}{2}$ " x 1 $\frac{7}{8}$ " H (41 x 38 x 48 m)
Fixed Attenuator (MI-11793)	1 $\frac{3}{4}$ " Dia. x 1 $\frac{1}{4}$ " H (44, 32 mm)

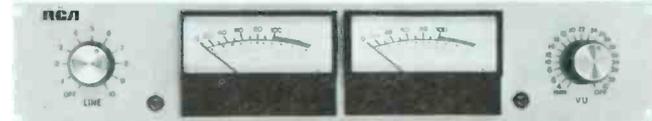
### Ordering Information

Balanced H Pads (Input/Output Z: 600 ohms):	
6 dB Insertion Loss	MI-4171-29
10 dB Insertion Loss	MI-4171-30
20 dB Insertion Loss	MI-4171-32
40 dB Insertion Loss	MI-4171-39
Dividing Networks, 600-ohm, balanced:	
Two-Way, 6-dB loss	MI-11704
Three-Way, 9.5-dB loss	MI-11704A
Four-Way, 12-dB loss	MI-11704B
Six-Way, 15.6 dB loss	MI-11704D
Isolation Pad, 600-ohm, balanced, 45-dB isolation:	
Two-Way, 10-dB loss	MI-11705
Fixed Attenuator, 30 dB:	
10 k to 600 ohms or 600 to 600 ohms	MI-11793

## VU-Meter Panels



Single Meter Panel



Stereo Meter Panel

Two VU-meter panels are available: a single-meter and a double-meter panel. Each is equipped with a ten-position switch and a step attenuator; the double-meter panel is intended for stereo or dual-channel mono operations.

The attenuator provides up to 40 dB attenuation in 2-dB steps. Both panels mount in 19-inch (483 mm) racks and require 3 $\frac{1}{2}$  inches (89 mm) of space.

### Specifications

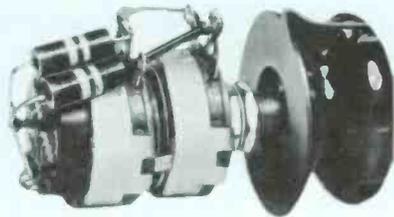
	Mono	Stereo
Input Impedance (Bridging)	7500 ohms*	7500 ohms*
No. of Input Connections	10 pair	1 pair
Attenuator	4 to 40 dB	4 to 40 dB
Attenuator Steps	2 dB	2 dB
Dimensions	19" W; 3 $\frac{1}{2}$ " H; 4" D (483, 89, 101 mm)	19" W; 3 $\frac{1}{2}$ " H; 5" D (483, 89, 127 mm)
Weight	5 lbs. (2.3 kg)	7 lbs. (3.2 kg)
Finish	Enamel	Enamel

\*Except in 1-mW attenuator position.

### Ordering Information

Mono VU-Meter Panel, Type BI-5	MI-11265
Stereo VU-Meter Panel, Type BI-55	MI-11265S

## Bridging Level Controls



Dual-ganged composition potentiometers wired as volume controls for bridging 600- or 150-ohm balanced lines. The output matches a 600- or 150-ohm balanced line. MI-11278E includes a 1¾-inch knob while MI-11278F has a short, slotted shaft for screwdriver adjustment. Bushing fits ⅜-inch (10 mm) hole in panels up to ⅛-inch thick. Nuts included.

### Specifications

Input Impedance .....	20,000/10,000 ohms
Output Impedance .....	600/150 ohms
Insertion Loss .....	32/24 dB
Maximum Input Level .....	+40 dBm
Dimensions .....	1¾" Dia., 2¾" or 3" Long (35, 55, 76 mm)
Weight .....	4.5 oz. (128 g)

### Ordering Information

Volume Control, Panel Mounting .....	MI-11278E
Volume Control, Chassis Mount .....	MI-11278F

## Lighted Studio Signs

Constructed of satin-finished, cast-aluminum, these lighted studio signs use an opaque, dark-brown glass insert with frosted, 2-inch letters. The light source is a 40-watt lamp for operation on 117 V power. Operation on 230-volt, a-c power requires a stepdown transformer (see *Accessories*) or, two units connected in series.

### Accessories

Stepdown Transformer* (230/117 V, 50/60 Hz) .....	MI-141010-85
Signal-Light Relay (24 V coil) .....	MI-11702

### Specifications

Lamp .....	117 V, 40 W
Dimensions .....	14" L; 3½" H; 2¾" D (355, 89, 69 mm)

\*Power capacity sufficient for two signs.



### Ordering Information

Lighted Studio Sign (Lamp included):

Sign, less glass .....	MI-11717
With "On-Air" glass (MI-11718-1) .....	ES-11706-1
With "Rehearsal" glass (MI-11718-2) .....	ES-11706-2
With "Audition" glass (MI-11718-3) .....	ES-11706-3
With "Standby" glass (MI-11718-4) .....	ES-11706-4
With "Silence" glass (MI-11718-5) .....	ES-11706-5
With "Recording" glass (MI-11718-6) .....	ES-11706-6



## Studio Clocks

These are self-starting electric clocks for general use. Two models are available: one for operation on 117 V, 60-Hz power and another for operation on 234 V, 50-Hz power (not illustrated).

### Ordering Information

Studio Clocks:

117 V, 60-Hz Operation (13½" dia., 2¾" deep) (346, 70 mm) .....	MI-11758
234 V, 50-Hz Operation (11½" dia., 2¾" deep) (292, 70 mm) .....	MI-11788-3

# Line Equalizer, Type BE-2

The Type BE-2 Line Equalizer reshapes the non-linear frequency-response characteristics of a non-loaded telephone pair. It is suitable for 15,000-Hz FM-broadcast circuits. The unit is recommended for use on lines that are permanently installed and used continuously such as studio-transmitter or remote-program lines.

The equalizer uses a parallel-resonant circuit. A rotary selector switch selects different resistance values in series with the inductance of the resonant circuit. The resonant frequency is just above 15 kHz so that the characteristics of the lower passband are used to equalize the line (see drawing).

### Accessories

- Rack-Mount Panel (3½" x -9") (89 x 483 mm) .....MI-4591
- Line-Match Transformer .....MI-11713

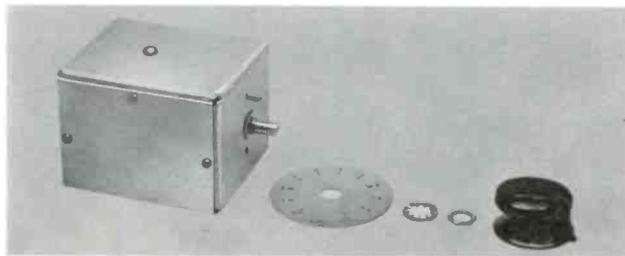
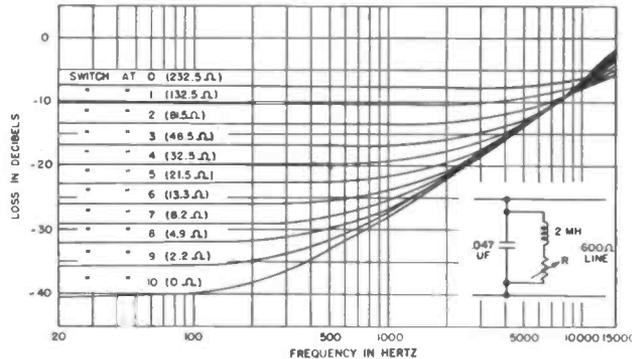
### Specifications

- Source Impedance .....150/600 ohms
- Equalization Frequency Limit .....15 kHz
- Insertion Loss (at 1000 Hz) .....7 dB min.
- Dimensions .....3" W; 2½" H; 3⅝" D (73, 64, 86 mm)

### Ordering Information

- Line Equalizer, Type BE-2 .....MI-11752

Frequency characteristic of Type BE-2A Line Equalizer.



# No-Loss Equalizer, Type BE-100R

An equalizer with separate low-, high- and peaking-frequency (presence) equalization without insertion loss. Equalization exceeds 18 dB boost or cut at 40 Hz; 15 dB boost or cut at 10 kHz and 16 dB boost at any frequency between 800 and 10,000 Hz.

### Specifications

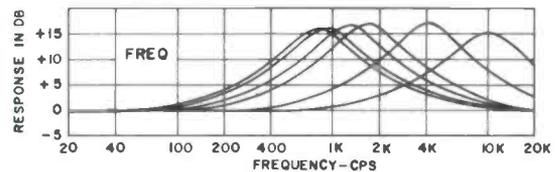
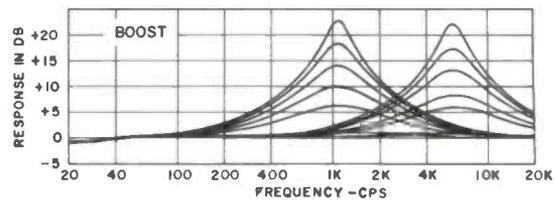
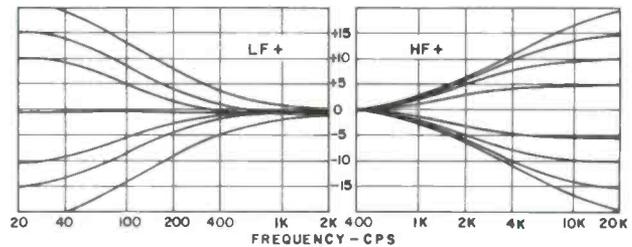
- Input/Output Level .....+10 dBm max.
- Input Impedance .....50/150/600 ohms bal.
- Output Impedance .....600 ohms, unbal.\*
- Insertion Loss .....0.75 dB max.
- Power Requirements .....117V±, 50-60 Hz, 2W
- Dimensions .....1¾" H; 19" W; 6¾" D (34, 483, 171 mm)
- Weight (Approx.) .....4 lbs. (1.8 kg)
- Shipping Data (Approx.):

  - Dimensions .....4" H; 24" W; 10" D (101, 610, 254 mm)
  - Weight .....5 lbs. (2.3 kg)

\*Accessory plug-in transformer (MI-141001) converts output to balanced 600 ohms.  
†Available for 234V operation on special order.

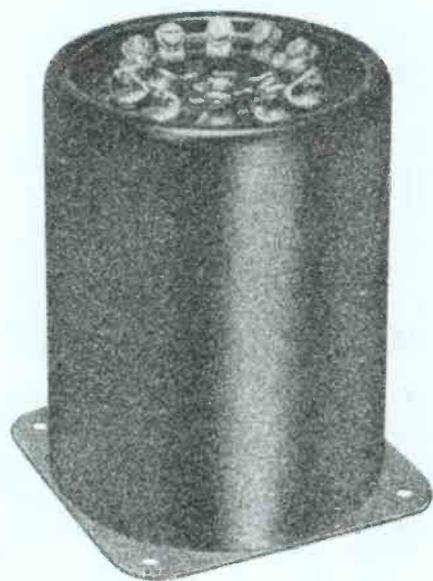
### Ordering Information

- Zero-Loss Equalizer, Type BE-100R .....ES-11466



## Transformers, Wire and Cable

- Bridging and line-matching transformers
- Speaker-matching transformers
- Power-line step-down transformers
- Microphone cables
- Console and rack cable
- Lacing cord and tape



Described here are line-bridging and line-matching transformers, speaker-matching transformers, microphone cables and console- and rack-wiring cables.

## Bridging Transformers



Well-shielded, chassis-mount transformers for bridging any 600-ohm program line. The differences between the two described here lie mostly in dimensions and frequency response.

Specifications	MI-11712	MI-11791
Frequency Response (Hz)	20-20k $\pm 0.5$ dB	30-15k $\pm 0.5$ dB
Primary Impedance	20,000 ohms	20,000 ohms
Secondary Impedance	150/600 ohms	150/600 ohms
Distortion (30 Hz)	0.5%	0.5%
Insertion Loss (1000 Hz)	19 dB max.	20 dB max.
Input Level (Min. to Max., dBm)	-30 to +20	-20 to +20
Output Level (Min. to Max., dBm)	-10 to 0	-20 to 0
Winding Imbalance	0.5% (100 Hz)	1% (1000 Hz)
Insulation	500V 60 Hz	500V 60 Hz
Dimensions (inches)	4 x 2.34 x 1.22	2.58 x 1.19 x 1.69
Dimensions (mm)	102 x 60 x 31	65 x 30 x 30
Weight	46 oz. (1204 g)	24 oz. (680 g)

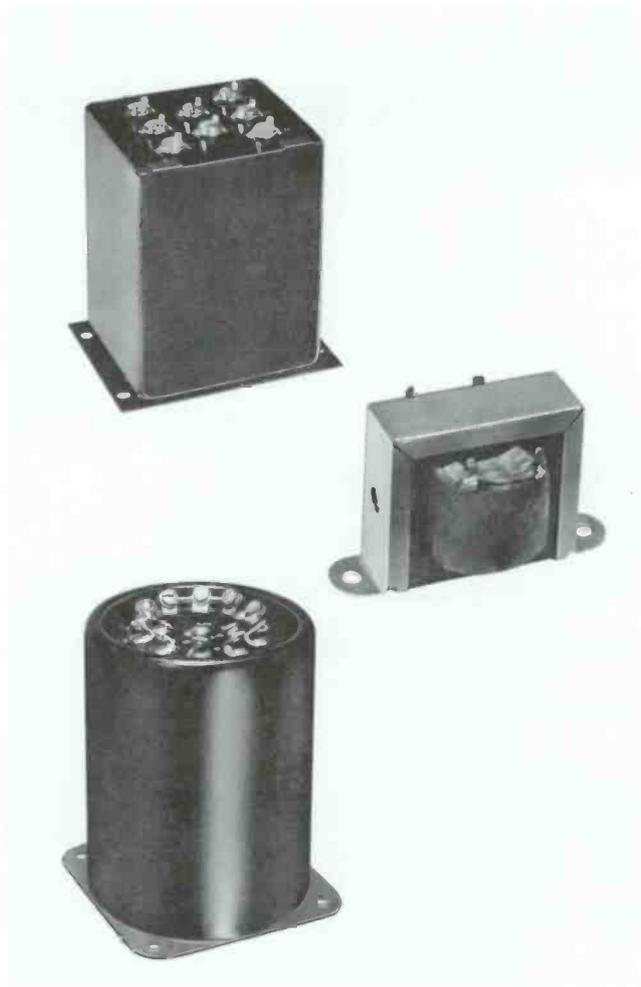
## Matching Transformers



For any isolation requirement, these two transformers match 150/600-ohm lines. The difference between the two are largely in size and maximum operating level.

Specifications	MI-11713	MI-141001
Frequency Response (Hz)	20-20K $\pm 0.5$ dB	30-20k $\pm 0.25$ dB
Primary Impedance	150/600 ohms	150/600 ohms
Secondary Impedance	150/600 ohms	150/600 ohms
Distortion (30 Hz)	0.8% max. (7.5V/600 ohms)	0.5% max.
Insertion Loss	2 dB max.	1 dB max.
Input Level (Min. to Max., dBm)	-50 to +10	-40 to 0
Insulation	500V 60 Hz	500V 60 Hz
Dimensions (inches)	4 x 2.34 x 1.22	2.75 x 1.19 x 1.69
Dimensions (mm)	102 x 60 x 31	70 x 30 x 30
Weight	46 oz. (1204 g)	7 oz. (198 g)

## Speaker Transformers



### Autotransformers

These three transformers increase (or decrease) line impedance to match speaker impedance. The autotransformer principle provides impedance ratio without isolation between primary and secondary.

Specifications	MI-9471	MI-9472	MI-11731
Frequency Response (Hz)	50-15k $\pm 2.5$ dB	50-15k $\pm 2$ dB	60-10k $\pm 1$ dB
Power Level	25W	100W	8W
Distortion	0.15%	0.2%	2% (100-10k Hz)
Winding Taps	250, 125, 30, 15, 7, 5, 4, 2	250, 63, 30, 15, 10, 7, 5, 4, 2	16/8/4 ohms
Dimensions (inches)	3 $\frac{5}{8}$ x 2 $\frac{1}{8}$ x 3 $\frac{7}{8}$	4 $\frac{1}{2}$ dia., 5 $\frac{1}{2}$ H	1.66 x 2 x 0.75
Dimensions (mm)	92 x 62 x 98	114 x 140	34 x 51 x 19
Mounting Centers	3 $\frac{1}{4}$ " x 1 $\frac{3}{4}$ "	3 $\frac{1}{8}$ " x 3 $\frac{1}{8}$ "	2.38" (61 mm)
Weight	50 oz. (1.4 kg)	162 oz. (1.7 kg)	10 oz. (284 g)

### Ordering Information

Autotformer Speaker Transformers:

25W	MI-9471
100W	MI-9472
8W	MI-11731

# Multi-Tap Speaker Transformer

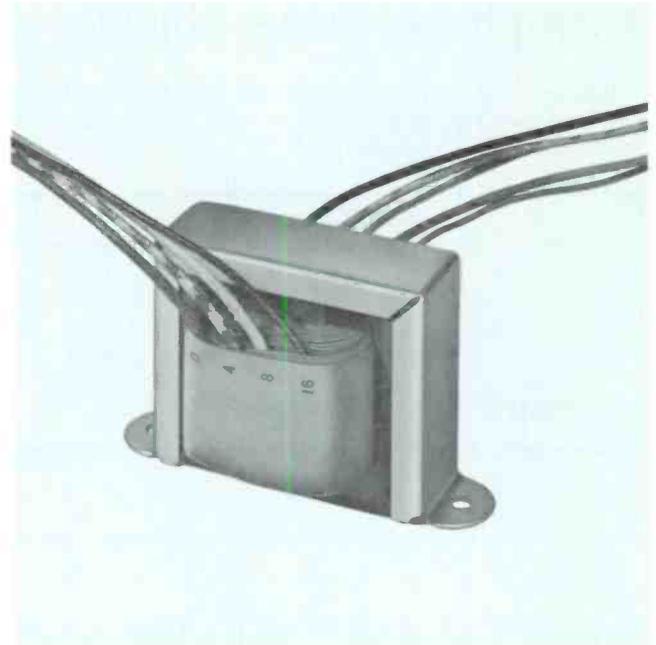
This multi-tap transformer provides isolation between primary and secondary as opposed to the autotransformers described above. Conventional strap mount with stripped and tinned pigtail leads.

### Specifications

Frequency Response (Hz)	60-10k ±0.5 dB
Power Level	10W
Distortion	2% max.
Core Stack	0.75 x 0.825" (19 x 22 mm)
Primary Impedance (ohms)	5000/2500/1250/625
Secondary Impedance (ohms)	16/8/4
Dimensions (inches)	2.28 x 3.78 x 2.25
Dimensions (mm)	58 x 95 x 57
Mounting Centers	3.125" (79 mm)
Lead Lengths	10" (254 mm)
Weight	22 oz. 624 g)

### Ordering Information

Speaker Matching Transformer .....MI-12368



# Matching Transformers for BC-14, -15 and -18 Consoles

These transformers are specially selected for use with the BC-14, -15 and -18 Consoles. The one for the BC-14 matches the 50 ohm console monitor output to a 4-, 8- or 16-ohm loudspeaker; the other converts the unbalanced, low-impedance audition output of the BC-15 and -18 into a balanced 150/600 ohm output.

### Specifications

	MI-11686	MI-141011
Frequency Response (Hz)	40-20K ±2 dB	20-20K ±.5 dB
Power Level	10 W	1 W
Primary Impedance	50 ohms	50 ohms
Secondary Impedance	16/8/4 ohms	150/600 ohms
Dimensions	1 3/4" W; 2 7/8" L; 2 3/8" H (44, 73, 60 mm)	2-7/16" W; 1-15/16" L; 3 1/4" H (62, 49, 83 mm)
Mounting Centers	2 3/8" (60 mm)	1-3/16"
Weight (Approx.)	14 oz. (397 g)	22 oz. (624 g)
Distortion	1% Max.	0.39% Max.



### Ordering Information

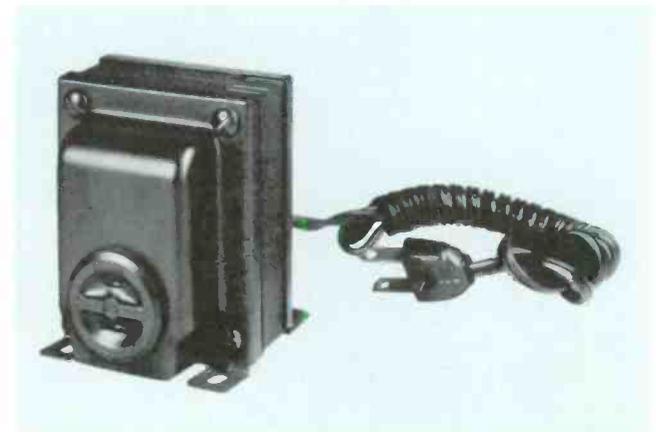
Matching Transformer,  
BC-14 Monitor Output .....MI-11686  
Matching Transformer,  
BC-15, -18 Audition Output .....MI-141011

# Stepdown Transformers

Available in five power capabilities, these transformers allow operation of 117-volt equipment on 234-volt power lines. They are autotransformers and provide no isolation. All supplied with 5-foot, heavy-duty power cord and built-in, non-polarized outlet.

### Specifications

Watts	Length (mm)	Width (mm)	Height (mm)	Stock ID
85	3.13" (80)	2.63" (67)	3.19" (81)	MI-141010-85
125	3.50" (89)	3.00" (76)	3.50" (89)	MI-141010-125
175	3.75" (95)	3.25" (83)	3.88" (99)	MI-141010-175
250	3.88" (99)	3.25" (83)	3.88" (99)	MI-141010-250
500	4.63" (118)	3.88" (99)	4.63" (118)	MI-141010-500
1200	6.63" (168)	3.88" (99)	4.63" (118)	MI-141010-1200



## Microphone Cable: Shielded 2- and 3-Conductor

Four types of microphone cable are available: two heavy-duty and two lightweights. Rugged and flexible. Available in 100-foot (30 m) lengths only.

Cond.	AWG	Shield	Rating	OD (mm)	Jacket	Color	Stock ID*
3	#20	Braided	1000V	0.3" (8)	Rubber	Brown	MI-43
2	#16	Braided	600V	0.3" (8)	Neoprene	Brown	MI-13307
2	#24	Braided	600V	0.215" (6)	Neoprene	Brown	MI-13322
2	#28	Braided	200V	0.156" (4)	PVC	Dark Beige	MI-13373

\*Stocked in 100-foot (30 m) hanks only

## Audio Cabling: Stranded and Solid Conductor

General-purpose audio cable for console and equipment-rack wiring.

Stranded Conductors							
Cond.	AWG	Shield	Rating	OD (mm)	Jacket	Color	Stock ID*
2	#22	Wire	200V	0.210" (5)	Vinyl	Black	MI-13342-2
2	#22	Foil	200V	0.135" (3)	Vinyl	Black or Gray	MI-13342-4
2	#22	Braid	300V	0.166" (4)	Vinyl	Brown	MI-34
2	#18	Braid	300V	0.236" (6)	Vinyl	Brown	MI-35
2	#28	Braid	200V	0.160" (4)	Vinyl	Brown	MI-13395-1
Solid Conductors							
Cond.	AWG	Shield	Rating	OD (mm)	Jacket	Color	Stock ID*
2	#22	Braid	300V	0.170" (4)	Vinyl	Brown	MI-33
2	#22	Braid	200V	0.200" (5)	Vinyl	Black	MI-13342-1

\*Stocked in 100-foot (30 m) lengths only



## Tape Recorder Accessories

- Pre-loaded and empty cartridges
- Head-cleaner and test cartridges
- Bulk erasers; head degaussers
- Remote control panels
- Spare decks, amplifiers, relays

Here are a series of accessories appropriate to magnetic-tape operations: cartridges, tape bulk erasers, head degaussers, test cartridges, remote control panels and spare assemblies.



### Tape Cartridges

Cartridges, empty or loaded, for use with the RCA Tape Cartridge Systems are available in playing times ranging from 40 seconds to more than a half hour. Each cart includes pressure pads and an automatic brake that prevents tape spillage when the cartridge is outside of the cartridge machine. Tape lengths other than those listed are available on special order. The tape is one-mil thick polyester base, back-lubricated for smooth cartridge performance. Two styles are available: "Fidelipac" and "Marathon".

### Specifications

#### Series 300 "Fidelipac" Cartridges

Play Time at 7.5 ips (in/s) .....40 s to 10.5 min.  
 Dimensions .....4" W, 5½" L, 7/8" D (102, 130, 22 mm)  
 Weight (empty) .....2.75 oz. (78 g)  
 Carts per Package .....6  
 Package Weight .....See Ordering Information

#### Series 300 "Marathon" Cartridges

Play Time at 7.5 ips (in/s) .....40 s to 10.5 min.  
 Dimensions .....4" W, 5½" L, 7/8" D (102, 130, 22 mm)  
 Weight (empty) .....3 oz. (85 g)  
 Carts per Package .....6  
 Package Weight .....See Ordering Information

#### Series 600 "Fidelipac" Cartridges

Play Time at 7.5 ips (in/s) .....16 min. max.  
 Dimensions .....6" W, 7" L, 7/8" D (152, 178, 22 mm)



Weight (3 oz. empty) .....10 oz. (284 g)  
 Carts per Package .....2  
 Package Weight .....1.5 lbs. (680 g)

#### Series 600 "Marathon" Cartridges

Play Time at 7.5 ips (in/s) .....16 min. max.  
 Dimensions .....6" W, 7" L, 7/8" D (152, 178, 22 mm)  
 Weight (3 oz. (85 g) empty) .....10 oz. (284 g)  
 Carts per Package .....2  
 Package Weight .....1.5 lbs. (680 g)

#### Series 1200 "Fidelipac" Cartridges

Play Time at 7.5 ips (in/s) .....31 min. max.  
 Dimensions .....7¾" W, 8¾" L, 7/8" D (194, 212, 22 mm)  
 Weight (4 oz. empty) .....13 oz. (370 g)  
 Carts per Package .....2  
 Package Weight .....32 oz. (907 g)

### Ordering Information

#### Fidelipac Cartridges

Play Time	Series	Weight	Package Weight	Stock ID
40 s.	300	3 oz. (85 g)	1¼ lbs. (567 g)	MI-11988-1
70 s.	300	3½ oz. (99 g)	1½ lbs. (680 g)	MI-11988-2
2.5 min.	300	4 oz. (114 g)	1¾ lbs. (794 g)	MI-11988-11
3.5 min.	300	4 oz. (114 g)	1¾ lbs. (794 g)	MI-11988-3
5.5 min.	300	4½ oz. (128 g)	2 lbs. (907 g)	MI-11988-4
10.5 min.	300	5½ oz. (156 g)	2¼ lbs. (1021 g)	MI-11988-5
15.5 min.	600	10 oz. (284 g)	1½ lbs. (680 g)	MI-11988-6
31 min.	1200	13 oz. (370 g)	2 lbs. (907 g)	MI-11988-7
Empty	300	3 oz. (85 g)	1½ lbs. (510 g)	MI-11988-8
Empty	600	3 oz. (85 g)	1¼ lbs. (567 g)	MI-11988-9
Empty	1200	4 oz. (114 g)	10 oz. (284 g)	MI-11988-10

#### Marathon Cartridges

40 s.	300	3 oz. (85 g)	1¼ lbs. (567 g)	MI-141988-1
70 s.	300	3½ oz. (99 g)	1½ lbs. (680 g)	MI-141988-2
90 s.	300	3½ oz. (99 g)	1½ lbs. (680 g)	MI-141988-3
2.5 min.	300	4 oz. (114 g)	1¾ lbs. (794 g)	MI-141988-4
3.5 min.	300	4 oz. (114 g)	1¾ lbs. (794 g)	MI-141988-5
5.5 min.	300	4½ oz. (128 g)	2 lbs. (907 g)	MI-141988-6
7.5 min.	300	4½ oz. (128 g)	2 lbs. (907 g)	MI-141988-11
10.5 min.	300	5½ oz. (156 g)	2¼ lbs. (1021 g)	MI-141988-7
15.5 min.	600	10 oz. (284 g)	1½ lbs. (680 g)	MI-141988-8
Empty	300	3 oz. (85 g)	1½ lbs. (510 g)	MI-141988-30
Empty	600	3 oz. (85 g)	1¼ lbs. (567 g)	MI-141988-60

### Test Cartridges

#### Azimuth Alignment and Frequency Response Test

Useful whenever tape head alignment requires adjustment, this Series 300 cartridge is recorded in mono format (two-track). It provides recorded tones for head-height and azimuth adjustment, a series of tones for frequency-response test and a series of tones for cue, trip-cue and stop-cue. Not available in stereo format.

### Specifications

Head-Azimuth Adjustment Track .....15 kHz  
 Head-Height Adjustment Frequency .....400 Hz

Frequency-Response Test Frequencies .....15, 10, 12, 10, 7, 4, 2, 1 kHz; 700, 400, 200, 100, 50 Hz (All recorded 10 dB below normal "zero" level)

#### Cue-Facility Test:

Cue .....One 1 kHz tone  
 Stop-Cue (End-Cue) .....Three 150 Hz tones  
 Trip Cue .....Three 8 kHz tones

Length of Test Recording (approx.) .....3:30

### Ordering Information

Azimuth Alignment & Frequency Response Test Cart (Mono only) .....MI-11993-4

### Head Cleaner Cartridge

Provides 20 seconds of automatic, programmed head cleaning and conditioning. At the end of the cycle, a pre-recorded 1000 Hz cue tone stops the tape.



#### Specifications

Cleaning and Conditioning Program (20 seconds total):

Mild Abrasive Action (silicon carbide)	5s
Head Lubrication	5s
Head Polishing	5s
Final Head Lubrication	5s
Automatic Stop	Pre-recorded cue tone

#### Ordering Information

Head Cleaner Cartridge .....MI-141808

### Torque-Test Cartridge

Valuable in determining and adjusting the tape-pulling torque of cartridge-tape machines, the Torque-Test Cartridge fits into the machine in the normal manner. As the capstan and pinch roller pull tape, the force is displayed on a calibrated scale in the cartridge. If the pulling force is more or less than the 1.5 lb. NAB spec., the pinch roller pressure should be re-adjusted.



#### Ordering Information

Torque-Test Cartridge .....MI-141809

### Speed-Test Cartridge

The Speed-Test Cartridge contains 50- and 60-Hz strobe discs that indicate the speed accuracy of cartridge-tape machines when viewed under the supplied strobe lamp (lamp for 115-volt operation only).



#### Ordering Information

Speed-Test Cartridge (50 and 60 Hz) .....MI-141810



### Tape Head Degausser

The Tape Head Degausser demagnetizes record/playback and erase heads. The degausser is housed in a lightweight hand-grip case. A momentary-contact on-off pushbutton switch energizes the unit.

#### Specifications

Power Requirements	117 or 230 V, 50/60 Hz
Switch	Momentary contact
Line Cord	5 ft. long (1.52 m)
Dimensions (Overall)	9 <sup>7</sup> / <sub>8</sub> " L, 7 <sup>7</sup> / <sub>8</sub> " Dia. (251, 22 mm)
Weight	9 oz. (250 g)

#### Ordering Information

Cartridge Tape Head Degausser (117 V, 50/60 Hz) .....MI-11995  
 Cartridge Tape Head Degausser (230 V, 50/60 Hz) .....MI-11996

### Bulk Tape Eraser

A bulk tape eraser provides erasure of any 1/4-inch recorded reel of tape or tape cartridge. It is housed in a brown plastic, hand-grip case measuring only 4<sup>7</sup>/<sub>8</sub> (124 mm) inches in diameter and 4<sup>3</sup>/<sub>4</sub> (121 mm) inches high overall. A momentary-contact, on-off pushbutton switch prevents current being applied when not in use.



#### Ordering Information

Bulk Tape Eraser (117 V, 50/60 Hz) .....MI-11992

### Circuit Boards for RT-8/-17/-18/-27/-27S/-37

The circuit boards are offered for service replacements and/or equipment expansion. Limited quantities.

#### Ordering Information

Power Supply Board	MI-11974-1
Cue Amplifier Board	MI-11974-3
Bias and Cue-Tone Board	MI-11974-5
Record Amplifier Board	MI-11974-6

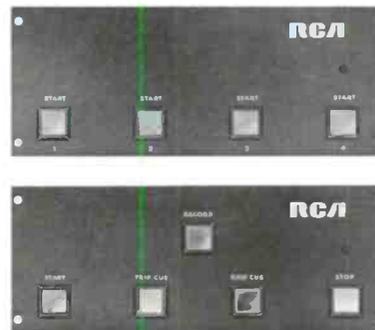
### Remote Control Panels for RT-125/-126/-127

The Remote Control Panels provide convenient means for operating from one to four cartridge-tape playback units via remote control. Four momentary "Start" pushbuttons are mounted on an aluminum panel for control of up to four playback units.

Remote control of a single record/playback cartridge tape system is provided by another Remote Control Panel. Parallel operational functions of the system are controlled through five pushbutton switches, labelled "Start", "Record", "Stop", "End Cue" and "Trip Cue".

#### Specifications

Dimensions	2 <sup>1</sup> / <sub>2</sub> " H, 6" W, 2-13/16" D (89, 152, 72 mm)
Weight	1/2 lb. (250 g)
Finish	Dark umber gray



#### Ordering Information

Remote Control Panel for up to four RT-125, RT-126 and RT-127 Playback Units .....MI-141726  
 Remote Control Panel for single record/playback systems .....MI-141727

### Plug-In Relays for RT-17/-27/-27S/-37

Stocked as spares, these relays minimize machine down time in the event of relay failure. Limited quantities.

#### Ordering Information

Two Form-C Relay .....	MI-141800-1
Four Form-C Relay .....	MI-141800-2
Six Form-C Relay .....	MI-141800-3

### Reel-To-Reel Recorder Accessories (RT-20, RT-21)

The accessories listed are unique to reel-to-reel recorders and specifically to the RCA reel-to-reel machines. Each accessory fits both systems, unless stated otherwise.

#### Ordering Information

NAB Reel Hub .....	MI-41604
Empty 10½-inch NAB Reel .....	MI-11932-2
Remote-Control Panel (for RT-21 only) .....	MI-141301
Remote-Control Panel Housing .....	MI-141308
Spare Record/Play Amplifier Module (RT-21 only less equalizer) .....	MI-141351
Plug-In Equalizer (for half-track 3¾ & 7½ ips) .....	MI-141350-1
Plug-In Equalizer (for half-track 7½ & 15 ips) .....	MI-141350-2
Plug-In Equalizer (for full-track 7½ & 15 ips) .....	MI-141350-3
Plug-In Equalizer (for full-track 3¾ & 7½ ips) .....	MI-141350-4
Portable Carrying Case .....	MI-141302
Console Cabinet .....	MI-141303
Fourth-Head Kit .....	MI-41602
Stereo Head-Mounting Kit .....	MI-141325

### Step-Down Transformers

For situations where 115-volt tape equipment must operate from 200 to 240-volt power mains, RCA offers step-down transformers selected specifically for each tape machine. For 50/60 Hz power.

#### Ordering Information

230/115-Volt Step-Down Transformer for Types:	
RT-19 .....	MI-141010-175
RT-25 .....	MI-141010-125

### Spare Modules for RT-125/-126/-127 Cart Tape Units

Modules for service replacements and/or equipment expansion.

#### Ordering Information

Mono Playback Amplifier Module .....	MI-141710-1
As Above plus Audio Switcher Module .....	MI-141710-2
Stereo Playback Amplifier Module .....	MI-141711-1
As Above plus Audio Switcher Module .....	MI-141711-2
Stop-Cue Module, 1000 Hz .....	MI-141712-1
As Above plus 150 Hz End-Cue Module .....	MI-141712-2
As Above plus 8000 Hz Trip-Cue Module .....	MI-141712-3
Mono Playback Logic Module .....	MI-141713-1
As Above plus Audio Switcher Module .....	MI-141713-2
As Above plus Fast-Forward Module .....	MI-141713-4

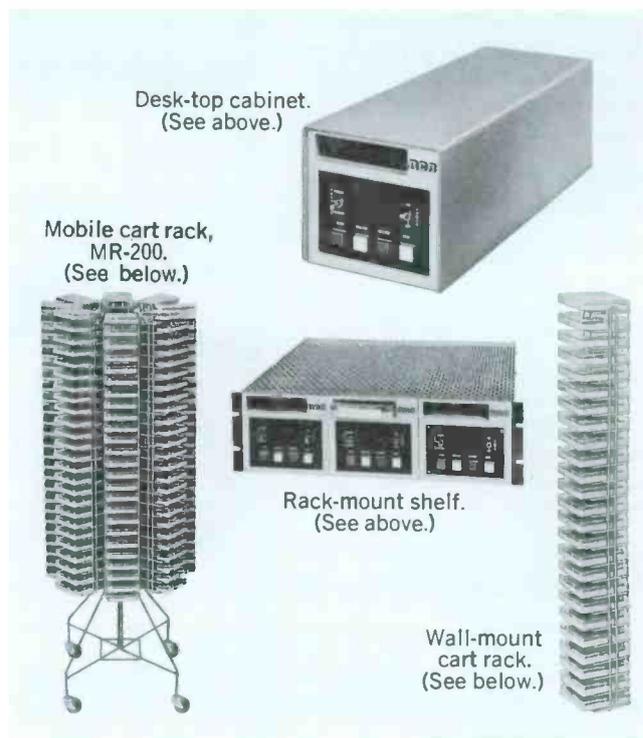
Stereo Playback Logic Module .....	MI-141713-3
plus Switcher Module .....	MI-141713-5
As Above plus Fast-Forward Module .....	MI-141713-5
Record Logic Module with Stop-Cue Module .....	MI-141714-1
As Above plus End-Cue Module .....	MI-141714-2
As Above plus Trip-Cue Module .....	MI-141714-3
Mono Record Amplifier with High-Level Input .....	MI-141715-1
As Above but with Microphone Preamplifier .....	MI-141715-2
Stereo Record Amplifier with High-Level Input .....	MI-141716-1
As Above but with Microphone Preamplifier .....	MI-141716-2

### Accessories for RT-125/-126/-127 Cart Tape Units

Rack shelves, cabinets and miscellaneous items for use with RT-125, -126 and RT-127 cart tape units.

#### Ordering Information

Rack-Mount Shelf .....	MI-141725
(Holds three RT-125; two RT-126 or two RT-127 units)	
Blank Fill Panel, One-Third Rack Width .....	MI-141728
As Above but One-Half Rack Width .....	MI-141729
Desk-Top Cabinet, for RT-125 .....	MI-141721
As Above but for RT-126 .....	MI-141722
As Above but for RT-127 .....	MI-141723
Fast-Forward Relay, Plug-In .....	MI-141718
Module Extender .....	MI-141731
High-Level Input Transformer .....	MI-141717
Heavy-Duty Cue Relay and Panel .....	MI-141720



### Tape Cartridge Storage Racks

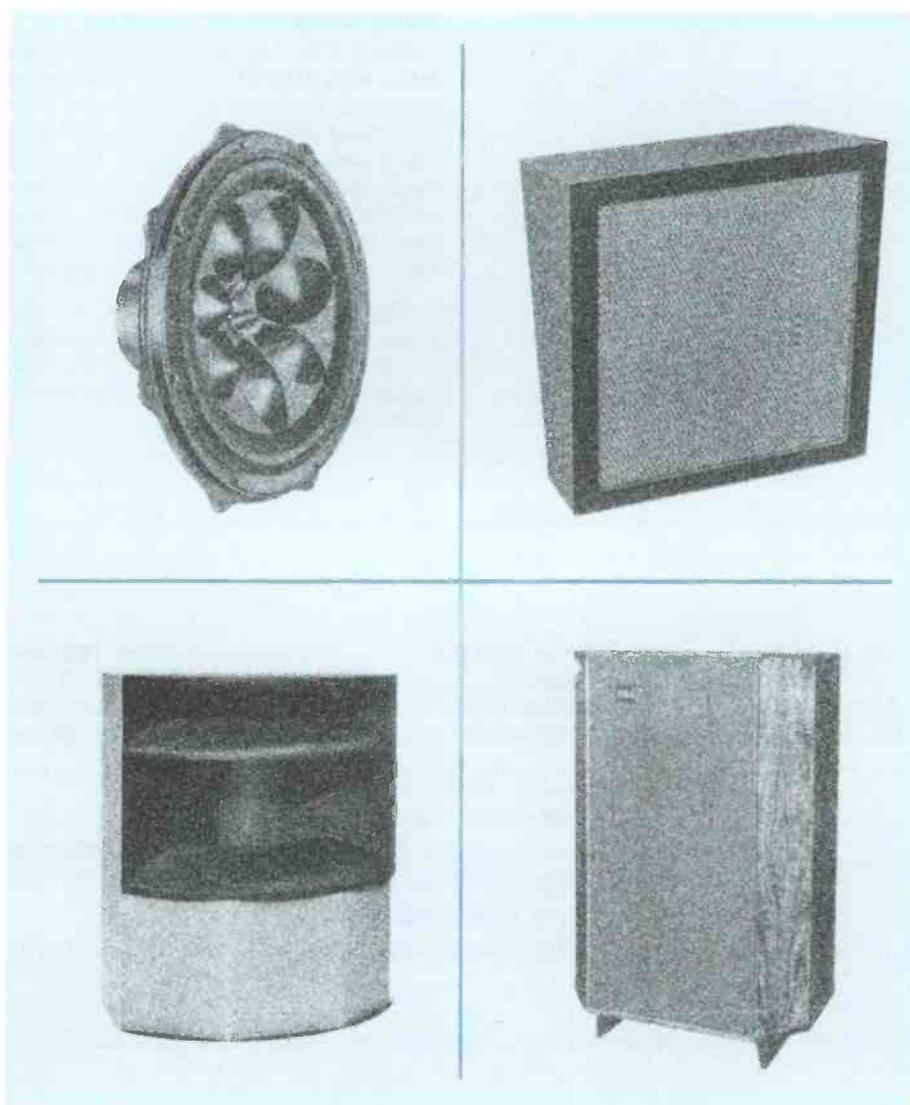
Wall-mount and mobile tape-cartridge racks fabricated of welded, heavy-gauge wire. Each wall rack holds 25 Type A cartridges. Mounting bracket included. The mobile rack holds 200 Type A cartridges.

#### Ordering Information

Wall-Mount Cart Rack, Type WR-25 .....	MI-141039
Mobile Cart Rack, Type MR-200 .....	MI-141041
Mobile Rack Base (Racks not included), Type MRB-1 .....	MI-141040

## Loudspeakers and Enclosures

- Speakers, enclosures, systems
- Paging, monitoring, quality-listening
- Power handling: 10 to 60 watts
- Curvilinear, dioplex and coaxial cones
- Wall-, floor-mount enclosures



There are five cone-type loudspeakers available from RCA: three 8-inch, one 12-inch and one 15-inch. The 8-inch units feature a dioplex-type cone and oversize ceramic magnets; they are most suitable for monitoring, paging and good-quality studio listening.

The 12-inch speaker features a curvilinear cone and a 10-ounce ceramic magnet. Its larger diameter improves the bass response slightly for better-quality monitoring, paging and studio listening.

The 15-inch unit is the famous Harry Olson duo-cone speaker. This is the fourth-generation LC-1 which features improved frequency crossover, bass response, dispersion angle and a ruggedized high-frequency voice coil.

### Complete Speaker Systems

RCA offers two complete speaker systems: a 60-watt column-type unit for use where beamed sound is required and a 50-watt auditorium unit with a cone-type woofer and a horn-type tweeter.

### Speaker Enclosures

RCA makes available four speaker enclosures: three wall-mount and a floor mount. Two of the wall-mount units are enclosed for extended bass response; the third is an open-back, wedge-type paging enclosure. The floor mount enclosure is designed specifically for the LC-1 Duo-Cone Speaker.

# 15-Inch Duo-Cone Speaker, Type LC-1



- Ruggedized high frequency voice coil
- Wide dispersion angle: 120°
- Frequency response: 25 to 16,000 Hz
- Crossover frequency: 1600 Hz
- Sensitivity at 1 watt input: 94.5 dB
- Power handling capability: 40 watts

The Type LC-1 is a 15-inch duo-cone speaker designed specifically for use in recording studios, studio control rooms and wherever the finest in reproduced sound is desired.

### Wide Bandwidth, Wide Dispersion

The LC-1 is a high compliance, duo-cone speaker with a 25 to 16,000-Hz frequency response and a 120-degree dispersion angle. As a result, it covers four times the area typical of other high-quality (60°) speakers. The two coaxial cones are direct radiators with separate voice coils. Crossover occurs at 1600 Hz.

The low-frequency cone is stiffened with seven acoustical domes which, because of their shape and relative location, contribute to the wide dispersion of the high frequencies from the tweeter, at the center, by spoiling the symmetry. This eliminates the interference normally characteristic of such shapes without loss of either high or low frequencies.

### Alnico V Magnets; Aluminum Voice Coils

The LC-1 uses a die-cast aluminum frame with Alnico V magnets in an epoxy-cemented structure. The two voice coils are wound of copper-clad aluminum wire which improves high-frequency efficiency. High-temperature materials and extra clearances increase the speaker's power-handling capability and reduce distortion even in the crossover frequency region.

The coaxial relationship of the two cones minimizes out-of-phase components in the crossover frequency range. The shallow angle of the cones improves response smoothness.

### Specifications

Frequency Response Characteristic .....	25-16,000 Hz
Program Power Handling Capability .....	40 watts*
Woofer Magnet Weight (Alnico V) .....	4 lbs. (1.8 kg)
Tweeter Magnet Weight (Alnico V) .....	6.8 oz. (193 g)
Axial Sensitivity (1 kHz at 1 W; 4 ft. [1220 mm]) .....	94.5 dB
Dispersion Angle .....	120°
Input Impedance (nominal) .....	15 ohms
Woofer Voice-Coil Diameter .....	2.5" (64 mm)
Tweeter Voice-Coil Diameter .....	0.75" (19 mm)
Crossover Frequency .....	1600 Hz
Cone Resonance (in infinite enclosure) .....	22 Hz
Overall Diameter .....	17" (432 mm)

Bolt-Circle Diameter .....	16¼" (413 mm)
Cone Diameter .....	15⅝" (396 mm)
Depth (mounted) .....	7⅝" (189 mm)
Weight (approx.) .....	21 lbs. (10 kg)

\*This speaker, when fused with a ¼-ampere fuse, is safe with any high-quality amplifier, regardless of power.

### Recommended Enclosures

Wall-Mount Enclosure, Type LS-1 .....	MI-11406
Olson Floor Enclosure, Type LS-11 .....	MI-11415

### Ordering Information

15-Inch Duo-Cone Loudspeaker, Type LC-1 .....	MI-11411
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## 8-Inch Dioplex-Cone Speaker, Type SL-8



- 50 to 18,000 Hz frequency response
- Balanced listening characteristic
- Ten-ounce ceramic field magnet (Indox)
- Curvilinear cone with high frequency cone

The Type SL-8 is an 8-ohm, extended-range speaker for use wherever smooth, uniform response and natural reproduction of voice and music are desired. It may be used in any suitable enclosure. For full exploitation of the speaker's capabilities the enclosure should contain a volume of at least 2.5 cubic feet (0.6m<sup>3</sup>).

### Balanced Listening Characteristic

The speaker's smooth frequency response is the result of a curvilinear cone of special material, a damping ring at the outer suspension and a mechanically coupled cone at the center to extend the high-frequency response.

### Specifications

Frequency Response Characteristic .....	50-18,000 Hz
Power-Handling Capability .....	10 watts
Magnet Weight (Indox) .....	10 oz. (284 g)
Gap Flux Density .....	9000 gauss
Axial Sensitivity (1 kHz at 1 W; 4 ft. [1220 mm]) .....	92 dB
Cone Resonance (in 6.5 ft. <sup>3</sup> [0.18m <sup>3</sup> ] enclosure) .....	74 Hz
Voice-Coil Impedance (at 400 Hz) .....	8 ohms
Overall Diameter .....	8 <sup>3</sup> / <sub>8</sub> " (210 mm)
Bolt Circle Diameter .....	7 <sup>5</sup> / <sub>8</sub> " (194 mm)
Depth .....	3 <sup>1</sup> / <sub>8</sub> " (80 mm)
Weight (approx.) .....	2 <sup>3</sup> / <sub>4</sub> lbs. (1640 g)

### Recommended Enclosures

Wall-Mount Enclosure, Type LS-3 .....	MI-11407
Wall-Mount Paging Baffle .....	MI-11414-2

### Ordering Information

Dioplex Cone 8-Inch Speaker, Type SL-8 .....	MI-38311
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## 8-Inch Dioplex-Cone Speaker, Type SL-890



- 50 to 18,000 Hz frequency response
- 5-ounce ceramic field magnet
- Handles 15 watts of program
- Designed for wall-baffle use

The Type SL-890 is a 15-watt, 8-inch speaker designed for use with open-back wall baffles in high-quality paging and music systems. It includes a matching transformer for bridging 70-volt constant-voltage lines.

### Edge-Damped Cone

The SL-890 uses an edge-damped cone and a mechanically coupled high-frequency cone to achieve its 50 to 18,000 Hz frequency response. An enclosure with volume greater than 2.5 cubic feet (0.6m<sup>3</sup>) is recommended wherever improved bass response is desired.

### Mounted Matching Transformer

For simplified mounting, the SL-890 includes a 70-volt, line-matching transformer mounted and wired to the voice-coil terminals. The transformer primary is tapped at 0.25-, 0.5- and 1-watt levels.

### Specifications

Frequency Response Characteristic .....	50 to 18,000 Hz
Program Power-Handling Capability .....	15 watts
Magnet Weight (Indox) .....	5 oz. (142 g)
Axial Sensitivity (1 kHz at 1 W; 4 ft. [1220 mm]) .....	96 dB
Voice Coil Impedance (at 400 Hz) .....	8 ohms
Voice Coil Diameter .....	1 inch (51 mm)
Matching Transformer Primary Taps .....	1/4-, 1/2-, 1-watt
Overall Diameter .....	8 <sup>3</sup> / <sub>8</sub> " (206 mm)
Bolt-Circle Diameter (4 holes) .....	7 <sup>5</sup> / <sub>8</sub> " (194 mm)
Depth .....	2 <sup>5</sup> / <sub>8</sub> " (67 mm)
Weight, Including Transformer (approx.) .....	2 <sup>1</sup> / <sub>2</sub> lbs. (1134 g)

### Recommended Enclosures

Wall-Mount Enclosure, Type LS-3 .....	MI-11407
Wall-Mount Paging Baffle .....	MI-11414-2

### Ordering Information

8-Inch Dioplex Speaker, Type SL-890 .....	MI-12454
As above, less transformer .....	MI-38304

## 12-Inch High-Fidelity Speaker, Type SL-12



- Curvilinear, edge-damped cone
- 20-ounce field magnet
- 10-watt power handling capability
- 1-inch voice-coil diameter
- Smooth frequency response

### Curvilinear, Edge-Damped Cone

The Type SL-12 is a third-generation speaker that features a 1-inch voice-coil diameter, a curvilinear cone with a damping ring at the outer edge. As a result, the speaker delivers wide, smooth frequency response with good dispersion. It may be used in any speaker baffle large enough to mount a 12-inch speaker. For full utilization of the speaker's low frequency response, an enclosure with a volume larger than 5 cubic feet (1.2 m<sup>3</sup>) is recommended.

The Type SL-12 is one of the finest high-fidelity speakers available in its price range. It is designed for use as a good-quality studio- or lounge-monitor speaker. Its 10-watt power-handling capability and extra sensitivity let it deliver considerable acoustic level.

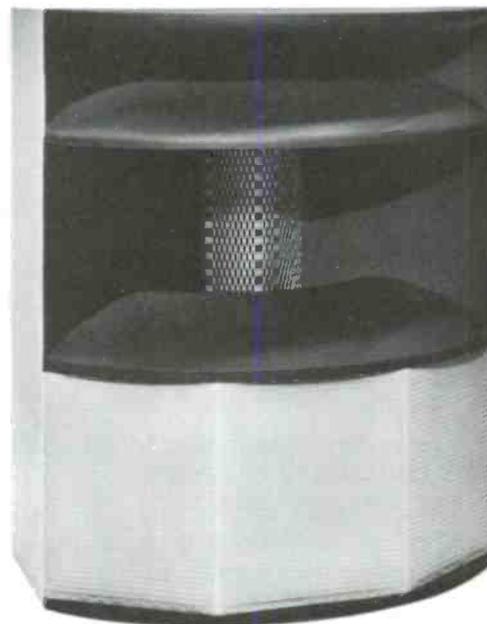
### Specifications

Frequency Response Characteristic .....	50 to 16,000 Hz
Program Power-Handling Capability .....	10 Watts
Magnet Weight (Intox) .....	20 oz. (567 g)
Gap Flux Density .....	11,500 gauss
Cone Resonance (6.5 ft. <sup>3</sup> [10.18 m <sup>3</sup> ] enclosure) .....	60-70 Hz
Axial Sensitivity (1 kHz at 1 W; 4 ft. [1220 mm]) .....	95 dB
Voice Coil Impedance (at 400 Hz) .....	8 ohms
Voice Coil Diameter .....	1 inch (51 mm)
Overall Diameter .....	12-7/32" (310 mm)
Bolt-Circle Diameter .....	11-9/16" (294 mm)
Depth .....	5-5/32" (131 mm)
Weight (approx.) .....	4 lbs. (1.8 kg)

### Recommended Enclosures

Wall-Mount Enclosure, Type LS-3 .....	MI-11407
Wall-Mount Paging Baffle .....	MI-11414-2

## 50-Watt Loudspeaker System, Type LC-9



- Excellent frequency response—50 to 16,000 Hz
- 50 watts program input
- Wide-angle radiation at all frequencies
- Matching high- and low-frequency wavefronts
- 500 hertz crossover frequency

The LC-9 Loudspeaker System is designed for applications where high acoustical level, wide dispersion angle, and extended frequency response are required. The frequency range is covered by separate low and high frequency horns with a crossover point at 500 Hz. A feature of the LC-9 is the particular care with which the high and low frequency horns have been designed to provide matched acoustical wavefronts for smooth response over the entire frequency range.

### Specifications

Frequency Response Characteristic .....	50-16,000 Hz
Power-Handling Capability .....	rms: 35 watts; program: 50 watts
Crossover Frequency (12 dB/octave) .....	500 Hz
Input Impedance .....	16 ohms
Dispersion Angles .....	120° Horiz.; 45° Vert.
Diameter, Tweeter Diaphragm .....	1¾" (44 mm)
Diameter, Woofer Diaphragm .....	15" (381 mm)
Dimensions .....	44" H; 36" W; 27½" D (1118, 915, 689 mm)
Weight (approx.) .....	175 lbs. (79 kg)

### Ordering Information

50-Watt Auditorium Loudspeaker System, Type LC-9 .....	ES-11423
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## Column Speaker System

- **Wide horizontal dispersion—  
narrow, vertical dispersion—  
ideal for minimum reverberation**
- **High sensitivity 8-inch speakers**
- **Excellent frequency response—  
80 to 16,000 Hz**
- **25-watt sinewave and  
60-watt program capability**
- **Acoustically balanced, treated interior—  
exterior easily refinished  
to match any decor**
- **Nominal impedance 8-ohms—needs no  
matching transformer**



The Column Speaker System consists of five 8-inch speakers (RCA Type SL-8) mounted in a line, in a specifically designed and acoustically treated cabinet. The result of the "in line" combination is a concentration of sound into a fan-shaped beam which "aims" toward areas where sound coverage is desired. A number of column systems, properly placed, can provide large areas with high-quality sound reproduction relatively free of annoying reverberation. Side-tapered baffles allow a number of cabinets to mount in a cluster over a stage, if appropriate.

Because of the directional properties of this column speaker, relatively little sound reflects from the ceilings or floors, which, in turn reduces undesired reverberation.

### Specifications

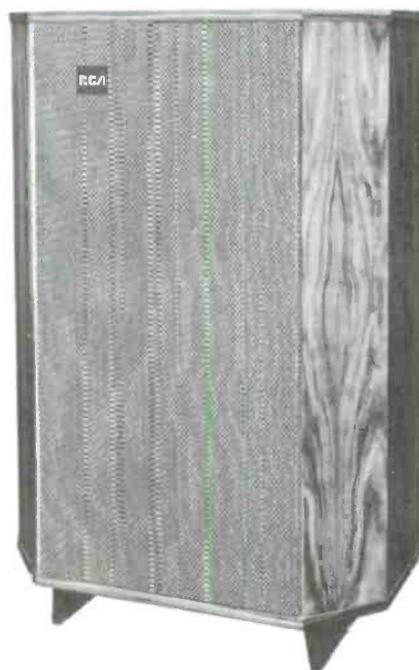
Frequency Response Characteristic .....	80-16,000 Hz
Power-Handling Capability:	
Program Material .....	60 watts
Continuous Sinewave .....	25 watts
Impedance .....	8 ohms
Dispersion Angles:	
Horizontal Plane (200 Hz) .....	-6 dB at 180°; -10 dB at 240°
Vertical Plane (800 Hz) .....	-6 dB at 40°; -10 dB at 50°
Dimensions .....	45½" H; 12½" W (front) 5¾" (rear); 13" D (1156, 318, 146, 330 mm)
System Weight (approx.) .....	25 lbs. (11 kg)

### Ordering Information

Column Speaker System .....	MI-38351
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## Speaker Enclosure, Floor Model, Type LS-11

- Acoustically engineered
- For RCA LC-1 speakers
- Fiber glass acoustic padding
- Infinite-baffle principle
- Sturdy wood construction



Designed specifically for the Type LC-1 Duo-Cone Loudspeaker, this floor cabinet uses the infinite-baffle principle to extend bass-frequency response without affecting the speaker unit's high-frequency capabilities. It is offered in a satin-walnut finish that harmonizes with good furnishings anywhere.

### Specifications, Type LS-11

Dimensions:	
Height (4-inch legs, removable) .....	44" (1118 mm)
Width .....	28½" (724 mm)
Depth .....	16" (406 mm)
Weight (approx.) .....	64 lbs. (27 kg)
Finish .....	Satin Finished Walnut

### Ordering Information

Olson Floor Cabinet for LC-1, Type LS-11:	
In Satin-Walnut Finish .....	Mi-11415

## Wall Speaker Enclosure, Type LS-1



A reflex enclosure designed to load the Type LC-1 Duo-Cone Speaker, this enclosure mounts on a wall at a 30- or 60-degree angle. It is finished to harmonize with any RCA-equipped studio.

### Specifications

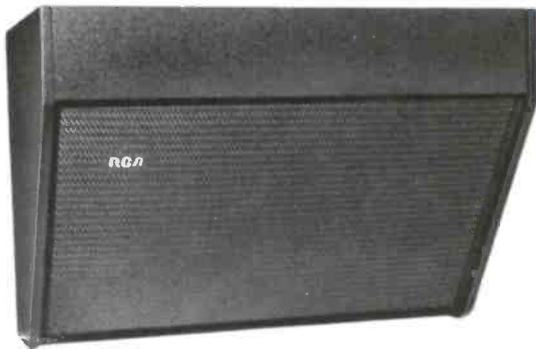
Dimensions:

Height .....	22 $\frac{3}{4}$ " (553 mm)
Width .....	37 $\frac{1}{2}$ " (953 mm)
Depth .....	17 $\frac{1}{8}$ " (435 mm)
Weight .....	45 lbs. (20 kg)

### Ordering Information

Wall-Mount Enclosure, Type LS-1 .....MI-11406

## Wall Mount Speaker Enclosure, Type LS-3



The Type LS-3 Speaker Enclosure is designed for wall-mounting any standard eight-, ten- or twelve-inch diameter loudspeaker. It is particularly suitable for the RCA Types SL-8, SL-890 and SL-12 Speakers.

Built solidly of one-half-inch plywood, the LS-3 includes a back panel, glass-fiber acoustic insulation, two speaker adapter boards and two wall-mounting brackets. The aperture in the enclosure is cut for a twelve-inch speaker. The adapter boards provide for mounting eight- or ten-inch units.

### Specifications

Dimensions:

Height .....	16 $\frac{1}{8}$ " (411 mm)
Width .....	25" (635 mm)
Depth .....	11 $\frac{1}{2}$ " (286 mm)
Weight (approx.) .....	12 lbs. (5 kg)
Finish .....	Textured lacquer: Midnight Blue

### Ordering Information

Wall-Mount Speaker Enclosure, Type LS-3 .....MI-11407

## Paging Baffle for 12-Inch Speaker



An open-back baffle for any standard 8- or 12-inch loudspeaker, the MI-11414-2 unit is built of one-half-inch plywood finished in textured lacquer. A fiber glass acoustic pad and adapter board are included. Two slotted brackets make mounting easy.

### Specifications

Dimensions:

Height .....	15 $\frac{1}{4}$ " (387 mm)
Width .....	13 $\frac{7}{8}$ " (352 mm)
Depth .....	9 $\frac{1}{4}$ "; 5 $\frac{1}{4}$ " (235; 133 mm)
Weight (approx.) .....	9 $\frac{1}{2}$ lbs. (4 kg)

### Ordering Information

Paging Baffle, Wall Mount .....MI-11414-2