

MASCO manufactures a complete line of amplifiers and sound systems ranging in power output from 8 to 75 watts, including phono-top, mobile, high fidelity and musical instrument amplifiers and recorders, transcription players, school systems, plant broadcasting and intercommunication systems. All MASCO amplifiers, many of which are shown as portable systems are recommended for use in FIXED SYSTEMS.

## MA-8N 8-WATT AMPLIFIER and MAS-8N 8-WATT PORTABLE SYSTEM

**AMPLIFIER FEATURES:** Microphone and phono input separately controlled • Bass-treble tone control • Hammer-tone finish chassis • Light, compact and sturdy • U/L Approved.

**APPLICATIONS FOR AMPLIFIER AND SYSTEM:** Both units are ideal for paging systems for bus and railroad stations and they are recommended for side shows, auction rooms, sales meetings, small taverns and clubs.

MAS-8N



MA-8N

### AMPLIFIER SPECIFICATIONS MODEL MA-8N

POWER OUTPUT.....8 Watts, Class A, at less than 5% distortion  
PEAK POWER.....13 Watts  
INPUTS.....Two: 1-microphone, and 1-phono  
FREQUENCY RESPONSE.....± 2 DB 50 to 10,000 CPS  
POWER GAIN.....Microphone, 128.5 DB; Phono, 75 DB  
CONTROLS.....Three: Microphone, Phono, Tone (On-Off Switch)  
TUBES.....1-6SF5, 1-6SJ7, 1-6L6G, 1-5Y3GT (Rectifier)  
OUTPUT IMPEDANCES.....3.2, 8 and 500 Ohms  
HUM LEVEL.....60 DB below output level of 8 Watts  
POWER CONSUMPTION.....75 Watts at 117 Volts  
VOLTAGE.....105-125 Volts, 60 CPS  
DIMENSIONS.....10" x 6" x 7 1/4" high

MAS-8N Amplifier (less cover, with Tubes).....\$55.00  
Shipping Weight: 14 lbs.

Cover for MA-8N.....4.50  
Kit of Matched Plugs and Connectors.....1.50

MAS-8N Portable System.....112.00  
Shipping Weight: 30 lbs.

Consists of: 1—MA-8N Amplifier with Cover with tubes

- 1—10" PM Speaker
- 1—25-ft. Speaker Cable and Plug
- 1—Model 303 Portable Carrying Case (Attractive Luggage Style)
- 1—Astatic JT-30 Microphone with 15-ft. Cable and Connectors

## MA-17N 17-WATT AMPLIFIER and MAS-17N 17-WATT PORTABLE SYSTEM

**AMPLIFIER FEATURES:** Two microphone inputs • One phono input • Individual volume controls • Separate bass and treble controls • Tapped line and voice-coil impedances • U/L Approved.

**APPLICATIONS FOR AMPLIFIER AND SYSTEM:** They are suitable for small orchestras, lecturers, ballroom, store demonstrations, night clubs and ballrooms.

### AMPLIFIER SPECIFICATIONS • MODEL MA-17N

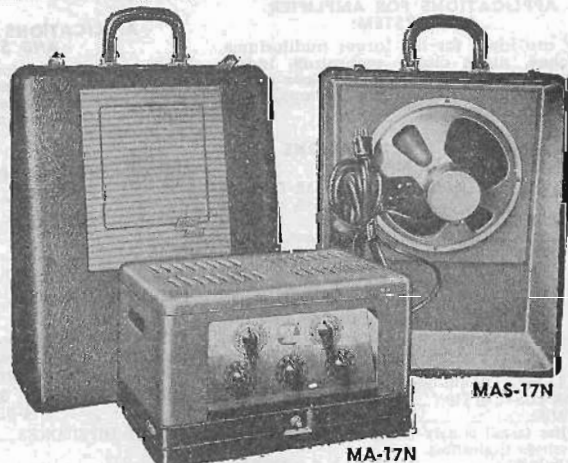
POWER OUTPUT.....17 Watts, Class A, at less than 5% distortion  
PEAK OUTPUT.....26 Watts  
INPUTS.....Three: 2-microphone, 1-phono  
FREQUENCY RESPONSE.....± 2 DB 50 to 12,000 CPS  
POWER GAIN.....Microphone, 132 DB; Phono, 78 DB  
CONTROLS.....Five: 2-microphone, Phono, Bass, Treble, Separate Power On-Off Switch  
TUBES.....1-6SC7, 1-6SJ7, 1-6SL7GT, 2-6L6G, 1-5V4G (Rectifier)  
OUTPUT IMPEDANCES.....4, 8, 15, 125, 250, 500 Ohms  
HUM LEVEL.....62 DB below output level of 17 Watts  
POWER CONSUMPTION.....125 Watts at 117 Volts  
VOLTAGE.....105-125 Volts, 60 CPS  
Has tapped primary to compensate for line voltage fluctuations.  
DIMENSIONS.....13" x 8" x 8 3/4" high

### PRICES List Price

MA-17N Amplifier with Tubes.....\$97.50  
Shipping Weight: 20 lbs.  
Kit of Matched Plugs and Connectors.....2.25

MAS-17N Portable Systems.....170.85  
Shipping Weight: 45 lbs.

Consists of: 1—MA-17N Amplifier with Tubes  
2—10" PM Speakers  
2—25-ft. Speaker Cables and Plugs  
1—Model 304 Portable Carrying Case (attractive luggage style)  
1—Astatic JT-30 Microphone with 15-ft. Cable and Connectors



## MA-17PN 17-WATT PHONO TOP AMPLIFIER and MAS-17PN 17-WATT PHONO TOP PORTABLE SYSTEM

### APPLICATIONS FOR AMPLIFIER AND SYSTEM:

For recorded music, alone or combined with voice • Plays 12" and smaller records • Widely preferred as record demonstrators.

### AMPLIFIER SPECIFICATIONS MODEL MA-17PN

Same as MA-17N (Described on this page) but includes phono-top.  
Chassis size: 14" x 11" x 8 3/4".

**PRICES List Price**  
\*MA-17PN Amplifier with tubes, with single-speed motor.....\$129.95  
Kit of Plugs and Connectors.....1.50



MA-17PN

### PRICE List Price

\*MAS-17PN Portable System \$223.00  
Shipping Weight: 56 lbs.

- Consists of:
- 1—MA-17PN Amplifier with tubes
  - 2—12" PM Speakers
  - 2—25-ft. Speaker Cables and Plugs
  - 1—Model 305 Portable Carrying Case (attractive luggage style)
  - 1—Astatic JT-30 Microphone with 15-ft. Cable and Connectors
- \*MA-17PN with three-speed motor and all purpose pickup with "Turn-Over" cartridge, add to List Price \$9.25.



To secure a LOW-IMPEDANCE INPUT for amplifiers, see PAGE B-13

WEST OF ROCKIES ADD 5% TO ABOVE LIST PRICES

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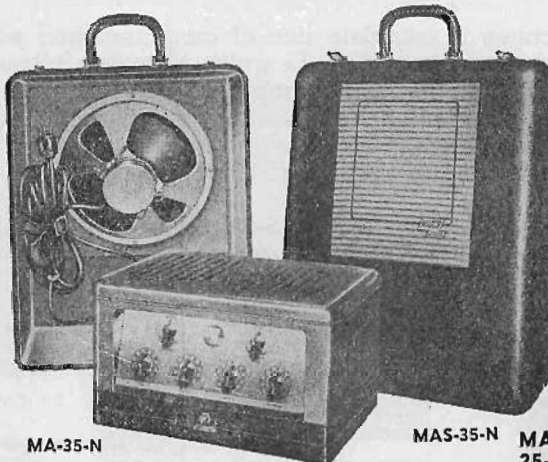
**MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.**

TYPICAL PORTABLE  
SYSTEM ILLUSTRATED →

MAS-25N and MAS-25PN  
Systems incorporate carrying  
case as illustrated.



MA-25N MA-25NR



MAS-35-N



MA-25PN

## MA-25N 25-Watt Amplifier and MAS-25N 25-Watt Portable System

**AMPLIFIER FEATURES:** Four inputs • Four-channel electronic mixing • Separate bass and treble controls • Tapped line and voice-coil impedances • Full 25 watts of undistorted output • Over-all negative feedback • U/L Approved.

### APPLICATIONS FOR AMPLIFIER AND SYSTEM:

They are ideal for the larger auditoriums, churches, night clubs, orchestras, indoor sports arenas, and also for outdoor use at fairs, bazaars, children's camps, and similar locations.

### AMPLIFIER SPECIFICATIONS MODEL MA-25N

**POWER OUTPUT**.....25 Watts, Class AB-1, at less than 5% distortion  
**PEAK POWER**.....40 Watts  
**INPUTS**.....Four: 3-microphone, 1-phono  
**FREQUENCY RESPONSE**.....± 2 DB 50 to 15,000 CPS  
**POWER GAIN**.....Microphone, 133.5 DB; Phono, 79 DB  
**CONTROLS**.....Six: 3-microphone, Phono, Bass, Treble, Separate Power On-Off Switch  
**TUBES**.....4-6J7, 2-6SC7, 2-6L6G, 1-5V4G (Rectifier)  
**OUTPUT IMPEDANCES**.....4, 8, 15, 125, 250, 500 Ohms  
**HUM LEVEL**.....64 DB below output level of 25 Watts  
**POWER CONSUMPTION**.....145 Watts at 117 Volts  
**VOLTAGE**.....105-125 Volts, 60 CPS  
Has tapped primary to compensate for line voltage fluctuations.  
**DIMENSIONS**.....15" x 8 1/2" x 8 3/4" high

### PRICES List Price

**MA-25N** Amplifier with tubes.....\$117.00  
Shipping Weight: 30 lbs.  
Kit of Matched Plugs and Connectors..... 2.75  
**MAS-25N** Portable System..... 210.00  
Shipping Weight: 60 lbs.

Consists of:

- 1—MA-25N Amplifier with tubes
- 2—12" PM Speakers
- 2—25-ft. Speaker Cables and Plugs
- 1—Model 305 Portable Carrying Case (Attractive Luggage Style)
- 1—Astatic JT-30 Microphone with 15-ft. Cable and Connectors

## MA-25NR 25-Watt Remote-Control Amplifier

The Model MA-25NR Remote-Control Amplifier follows closely all specifications for the Model MA-25N, but has, in addition, a built-in circuit for remote control of two of the microphone channels when used with the Model RCB Remote-Control Box as shown on page B-13.

### PRICES List Price

**MA-25NR** Remote-Control Amplifier with tubes.....\$132.00  
Kit of Matched Plugs and Connectors for MA-25NR..... 2.75

## MAS-35N 35-Watt Amplifier and MAS-35N 35-Watt Portable System

**AMPLIFIER FEATURES:** Four inputs • Three microphone and one phono input, each separately controlled • Electronic mixing over-all • Individual bass and treble equalizers • Tapped output impedances of 4, 8, 15, 125, 250, and 500 ohms • U/L Approved.

### APPLICATIONS FOR AMPLIFIER AND SYSTEM:

They are suitable for use at beaches and fairs, for paging and announcing at airports and terminals and the like, and equally ideal for orchestras, theatres and carnivals.

### AMPLIFIER SPECIFICATIONS MODEL MA-35N

**POWER OUTPUT**.....35 Watts, Class AB-2, at less than 5% distortion  
**PEAK POWER**.....50 Watts  
**INPUTS**.....Four: 3-microphone, 1-phono  
**FREQUENCY RESPONSE**.....± 2 DB 50 to 15,000 CPS  
**POWER GAIN**.....Microphone, 135 DB; Phono, 80.5 DB  
**CONTROLS**.....Six: 3-microphone, Phono, Bass, Treble, Separate Power On-Off Switch  
**TUBES**.....1-6SC7, 3-6J7, 3-6SN7GT, 2-6L6G, 1-5U4G, 1-6X5GT (Rectifiers)  
**OUTPUT IMPEDANCES**.....4, 8, 15, 125, 250, 500 Ohms  
**HUM LEVEL**.....65 DB below output level of 35 Watts  
**POWER CONSUMPTION**.....190 Watts at 117 Volts  
**VOLTAGE**.....105-125 Volts, 60 CPS  
Has tapped primary to compensate for line voltage fluctuations.  
**DIMENSIONS**.....15" x 9 1/2" x 8 3/4" high

### PRICES List Price

**MA-35N** Amplifier with tubes.....\$164.95  
Shipping Weight: 32 lbs.  
Kit of Matched Plugs and Connectors..... 2.75

**MAS-35N** Portable System..... 277.95  
Shipping Weight: 63 lbs.

Consists of:

- 1—MA-35N Amplifier with tubes
- 2—EXTRA-HEAVY-DUTY 12" PM Speakers
- 2—25-ft. Speaker Cables and Plugs
- 1—Model 305 Portable Carrying Case (Attractive Luggage Style)
- 1—Astatic JT-30 Microphone with 15-ft. Cable and Connectors



To secure a LOW-IMPEDANCE INPUT for amplifiers, see PAGE B-13

**WEST OF ROCKIES ADD 5% TO ABOVE LIST PRICES**

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Specifications and prices subject to change without notice.



## MA-25PN 25-Watt Phono Top Amplifier and MAS-25PN 25-Watt Phono Top Portable System

Application for Amplifier and System for recorded music alone, or combined with voice. Plays 12" and smaller records. Widely preferred as record demonstrators.

### AMPLIFIER SPECIFICATIONS MODEL MA-25PN

Same as MA-25N Amplifier (described on this page) but includes phono top. Chassis size for MA-25PN: 14" x 11" x 8 3/4" high.

### PRICES List Price

\***MA-25PN** Amplifier with tubes, with single speed motor.....\$150.00  
Shipping Weight: 32 lbs.  
Kit of Matched Plugs and Connectors..... 1.95  
\***MAS-25PN** Portable System..... 243.00  
Shipping Weight: 61 lbs.

Consists of:

- 1—MA-25PN Amplifier with tubes
- 2—12" PM Speakers
- 2—25-ft. Speaker Cables and Plugs
- 1—Model 305 Portable Carrying Case (Attractive Luggage Style)
- 1—Astatic JT-30 Microphone with 15-ft. Cable and Connectors

\***MA-25PN** with three-speed motor and all-purpose pickup with "Turn-Over" cartridge, add to List Price \$9.25.

MA-35RN



## MA-35RN 35 Watt Amplifier featuring the Webster Model 100, Three-speed Record Changer Top

Amplifier specifications same as MA-35N (except for record changer mechanism). Chassis size: 15" x 15" x 10 1/2" high.

### PRICES List Price

**MA-35RN** Amplifier with tubes, with Webster Model 100, 3 speed record changer top.....\$242.00  
Shipping Weight: 52 lbs.  
Kit of Matched Plugs and Connectors..... 1.95





**MA-60      MA-60R**

**MA-60R 60 WATT REMOTE CONTROL AMPLIFIER**

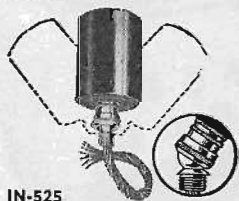
The Model MA-60R is similar in construction and circuit to the Model MA-60, but has in addition, a built-in circuit for remote control of two of the microphone channels when used with the Model RCB Remote-Control Box as described below.

PRICES	List Price
MA-60R Amplifier with tubes.....	\$212.50
Shipping Weight: 41 lbs.	

**MA-200 200 WATT AMPLIFIER • PUSH-PULL 811-A TUBES**



**MA-200**



**IN-525**

**IN-525 • LOW-IMPEDANCE TRANSFORMER CONVERSION TO LOW-IMPEDANCE INPUT**

One or more of the high impedance microphone inputs regularly incorporated in MASCO Amplifiers may be readily converted to a low impedance by the installation of MASCO Transformer No. IN-525. It is multi-alloy shielded and is mounted on a swivel-ball joint which allows complete rotation and tilting and assures hum-free operation. Primary impedances available are: 50 ohms unbalanced line; 200 ohms or 500 ohms balanced line. Specify tap-setting when ordering.

PRICES	List Price
Factory-Installed Low Impedance Input Transformer (per input).....	\$29.95
IN-525 Low Impedance Transformer (for use with any Standard Amplifier).....	21.00
Shipping Weight: 2 lbs.	

**WEST OF THE ROCKIES ADD 5% TO ABOVE LIST PRICES**



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**MA-60 60 WATT AMPLIFIER • PUSH-PULL 807 TUBES**

**FEATURES:** Full electronic mixing of all channels • Individual bass and treble equalizers • Sixty watts of undistorted power • Peak Power output 80 watts • Negative feedback • Fully fused • U/L Approved.

The Models MA-60 and MA-60R are powerful wide-range amplifiers that deliver better than 60 watts of usable power. Multi-tapped line and voice-coil impedances match any speaker, or speaker groups and lines.

**APPLICATION:** It is suitable for rack mounting and heavy-duty service, and is successfully used for the larger auditoriums, theatre re-inforcement, indoor and outdoor rinks, stadia, and the like, wherever numerous speakers are required. It is excellent for church chime applications. With suitable speakers and

horns, the power can be concentrated where needed at points of high noise level, as at the starting line of an auto race, or in steel mills. Other speaker arrangements permit uniform coverage of large areas, such as football fields or circuses. Ideal as the basic unit for paging and fire-alarm systems in hotels.

**AMPLIFIER SPECIFICATIONS FOR MODELS**

POWER OUTPUT.....	60 Watts, Class AR-1 at less than 5% distortion
PEAK POWER.....	80 Watts
INPUTS.....	Five: 4-microphone, 1 phono
FREQUENCY RESPONSE.....	2 DB 50 to 15,000 CPS
POWER GAIN.....	Microphone, 136.5 DB; Phono, 82 DB
CONTROLS.....	Seven: 4-microphone, Phono, Bass, Treble, Separate Power On-Off Switch
TUBES—TWELVE.....	4-6J7, 1-6SC7, 1-6SL7GT, 1-6SN7GT, 2-807, 1-6SJ7, 1-8R4GY, 1-5Y3GT (Rectifiers)

PRICES	List Price
MA-60 Amplifier with tubes.....	\$197.50
Shipping Weight: 41 lbs.	
Kit of Matched Plugs and Connectors.....	3.15

**MA-60 AND MA-60R**

OUTPUT IMPEDANCES.....	4, 8, 16, 250 Ohms 70 Volt, 140 Volt (constant voltage)
HUM LEVEL.....	87 DB below output level of 60 Watts
POWER CONSUMPTION.....	190 Watts at 117 Volts
VOLTAGE.....	105-125 Volts, 60 CPS
	Has tapped primary to compensate for Line Voltage fluctuations
DIMENSIONS.....	16" x 11" x 8 3/4" high

**FEATURES:** Five input channels • Push-Pull 811-A output tubes • Independent plate power supplies • Oil filled filters • Separate power supply switches • Standby switch • Standby relay control socket • Full electronic mixing • Separate controls for each input • Stabilized inverse feedback • Power supplies separately fused • Constant voltage outputs • U/L Approved.

**DESIGN AND CONSTRUCTION:** The Model MA-200 offers high power and wide range reproduction. Overall electronic mixing of four microphone and one phono input channels is provided. Has separate base and treble equalizers. 1 master power and 1 "Standby" switch. A "standby" relay voltage control socket is incorporated which allows for remote relay operation of the amplifier plate supplies if desired. Provision is made to obtain driving voltage from the MA-200 to drive one or more MB-200 boosters where additional power is required.

**APPLICATION:** The Model MA-200 is widely used in rack and mounted installations, and also by itself for covering large outdoor areas. It finds industrial use for paging and announcing in large steel mills, cotton mills, drydocks, shipways, and on heavy construction jobs of all kinds.

PRICES	List Price
MA-200 Amplifier with tubes.....	\$349.50
Shipping Weight: 95 lbs.	
Kit of Matched Plugs and Connectors.....	3.15
Amplifier can be supplied with a photo cell input for theatre installation. Specify when ordering. For one input add \$8.50 to list price. For two inputs add \$6.25 list per input.	

**AMPLIFIER SPECIFICATIONS • MODEL MA-200**

POWER OUTPUT.....	200 Watts, Class B at less than 5% distortion 150 Watts, Class B at less than 3% distortion 125 Watts, Class B at less than 2% distortion
PEAK POWER.....	280 Watts
INPUTS.....	Five: 4 Microphone—1 Phono
INPUT SENSITIVITY.....	Microphone (or other low level input .005V (For Full Power Output) Phono .5V
CONTROLS—NINE.....	4 microphone, phono, bass, treble, master power switch, standby switch
TUBES—FOURTEEN.....	4-6J7, 1-6SC7, 1-6L7GT, 1-6N7GT, 2-6L6G, 2-811-A, 3-5U4G (Rectifiers)
OUTPUT IMPEDANCES.....	16, 25 ohms (70 volt constant voltage) 100 ohms (140 volts constant voltage) 250 ohms (225 volts constant voltage)
HUM LEVEL.....	78 DB below full power output
POWER CONSUMPTION.....	Standby 150 watts Full output 550 watts
VOLTAGE.....	105-125 volts, 60 CPS
	Has tapped primaries to compensate or line voltage fluctuations
DIMENSIONS.....	17" x 13" x 9" high

**MM-4 FOUR CHANNEL MICROPHONE MIXER**

Can be connected to the high-impedance microphone input of any amplifier. Four independent gain controls and four microphone connectors allow for mixing and fading overall. Converts an amplifier having only one microphone input to four-channel operation.

PRICES	List Price
MM-4 Four Channel Mixer, with 4 ft. Cable and Connector.....	\$19.95
Shipping Weight: 4 lbs.	

**MODEL RCB TWO-CHANNEL REMOTE-CONTROL BOX for use with Models MA-60R and MA-25NR Remote Control Amplifiers**

The Model RCB Remote Control is a compact remote volume-control unit containing two volume controls. Provides independent or simultaneous operation from remote position of two microphone channels of either the Model MA-25NR Amplifier, page 12, or MA-60R as described above. Can be used with up to 2,000 feet of cable with negligible loss. Tone quality is not affected, and there is no inductive hum pick-up in either the control unit or cable.

PRICES:	List Price
RCB Remote-Control Box.....	\$12.50
Dimensions: 5 3/4" x 2 3/4" x 2 1/2" high	
Shipping Weight: 3 lbs.	

**MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.**

## MASCO'S OUTSTANDING MOBILE SOUND EQUIPMENT

### 6-VOLT DC AND 117-VOLT AC MOBILE AMPLIFIERS THE ONLY COMPLETE LINE OF U/L APPROVED MOBILE EQUIPMENT

**25 Watts, Class AB-1, at less than 5% distortion — 40 Watts Peak Power**

**FEATURES** contained in these six models are: Four input channels • Standby switch • Heavy-duty switches • Low battery drain • Fused circuit • Hum- and ripple-free operation • Heavy-duty dual vibrator • Crystal pick-up input • Lock-in arm rest • Underwriters' Laboratories approved.

Operate as efficiently from 6-volt batteries as from 117-volt AC source. Rugged and powerful, expressly designed for sound truck and other outdoor applications. The battery-saver switch, which shuts off the vibrator during intermissions, reduces battery drain to a minimum. The extra-heavy-duty dual vibrator maintains steady voltage and frequency. These amplifiers are provided with separate cables, fitted with rugged heavy-duty plugs and receptacles for each voltage supply.

**APPLICATION:** The widely varied types of these amplifiers adequately meet all possible needs for applications such as outdoor gatherings, bathing beaches, traveling road shows, open-air theatres, election campaigns and charity drives, traveling evangelists, police and fire department rescue work, and other locations where AC power is unavailable.

#### GENERAL AMPLIFIER SPECIFICATIONS:

**POWER OUTPUT**.....25 Watts, Class AB-1, at less than 5% distortion

**PEAK POWER**.....40 Watts

**INPUTS**.....Four: 3-microphone, 1-phono

**FREQUENCY RESPONSE**.....± 2 DB 50 to 15,000 CPS

**POWER GAIN**.....Microphone, 133.5 DB; Phono, 79 DB

**CONTROLS**.....Six: 3-microphone, Phono, Bass, Treble, Separate Motor Switch and Battery-Saver Switch

**TUBES**.....4-6J7, 1-6SC7, 2-6L6G, 1-6SL7GT, 2-7Z4 (Rectifiers)

**OUTPUT IMPEDANCES**.....4, 8, 15, 125, 250, 500 Ohms

**HUM LEVEL**.....AC: 64 DB below output of 25 Watts;

DC: Ripple-free

**POWER CONSUMPTION**.....AC: 145 Watts at 117 Volts (including phono motor);

DC: 23 Amps. at 6 Volts (battery) (includes phono motor)

**VOLTAGE**.....105-125 Volts, 60 CPS AC or 6 Volts DC (Storage Battery)

Power Cables included with all Mobile Amplifiers.

**\*MC-25PN** List Price

Phono-top Mobile Amplifier with tubes.....\$195.00

Shipping Weight: 44 lbs.

Kit of Matched Plugs and Connectors..... 2.75

Dimensions: 14" x 11" x 8 3/4" high

**\*MAC-25PN** List Price

Portable Mobile System.....\$294.00

Shipping Weight: 72 lbs.

Consists of:

1—MC-25PN Phono-top Amplifier with tubes

2—12" PM Speakers

2—25-ft. Speaker Cables and Plugs

1—Model 305 Portable Carrying Case (Attractive Luggage Style)

1—Astatic JT-30 Microphone with 15-ft. Cable and Connectors

(If amplifier is desired with plain cover less phono-top mechanism, deduct from above list price \$10.00)

**\*MC-25PC** List Price

Phono-top Mobile Amplifier with Hinged

Cover with tubes.....\$215.00

Shipping Weight: 46 lbs.

Kit of Matched Plugs and Connectors..... 2.75

Dimensions: 14" x 11" x 10 7/8" high

**\*If desired with three-speed motor and all-purpose pickup with "Turnover" Cartridge, add to list price \$9.25.**

**If Astatic MODEL A88-M Pickup is desired, add to list price \$9.00.**

**\*MCO25PN** List Price

Outdoor Mobile System.....\$319.95

Shipping Weight: 86 lbs.

Consists of:

1—MC-25PN Phono-top Amplifier with tubes

2—Masco-University PH Trumpets

2—Masco-University MA-25 Units

2—25-ft. Cables and Connectors

1—Astatic JT-30 microphone with 15-ft. Cable and Connectors

(If amplifier is desired with plain cover less phono-top mechanism, deduct from above list price \$10.00)

**MC-25N** List Price

Mobile Amplifier, Plain Cover without

Phono-top with tubes.....\$185.00

Shipping Weight: 39 lbs.

Kit of Matched Plugs and Connectors..... 1.95

Dimensions: 14" x 11" x 8 3/4" high

**MC-25RC** List Price

Mobile Amplifier with Webster Model

100 3-speed record changer top with

tubes.....\$285.00

Shipping Weight: 52 lbs.

Kit of Matched Plugs and Connectors..... 2.75

Dimensions: 15" x 15" x 10 1/4" high

**MASCO 12 WATT MOBILE AMPLIFIERS**

**FOR 6-VOLT DC AND 117 VOLT AC OR 12-VOLT DC AND 117-VOLT AC OPERATION**

**12 WATTS POWER OUTPUT • 18 WATTS PEAK POWER**

**FEATURES:** Two inputs, microphone and phono • Push-pull output • Separate microphone and phono control • Low battery drain • Ripple-free operation • Light-weight, rugged • Remote control permits within-reach adjustment of amplifier controls • U/L approved.

**APPLICATION:** 12-watt mobile amplifier built expressly for operation in a moving vehicle. Easily mounted, it fits under the dashboard. Separate volume controls provide independent or simultaneous use of both inputs. For application in police safety and traffic work, fire department, transportation systems, hearse and ambulance service. Any standard speaker may be used.

**AMPLIFIER SPECIFICATIONS: 6 VOLT AND 12 VOLT**

**POWER OUTPUT**.....12 Watts, Class A, at less than 5% distortion

**PEAK POWER**.....18 Watts

**INPUTS**.....Two: 1-microphone, 1-phono

**FREQUENCY RESPONSE**.....±3 DB 100 to 8,000 CPS

**POWER GAIN**.....Microphone, 110 DB; Phono 75 DB

**CONTROLS**.....Microphone, Phonograph, On-Off Standby-Operate (Battery-Saver) Switch

**PRICES: Amplifiers 6 volt and 12 volt**

**MC-126P** List Price

Phono-top Mobile Amplifier, 12

Watts (6 Volt DC and 117 Volt AC),

with tubes, with cables.....\$115.00

**MC-126** Same as above with plain cover

less phono-top mechanism.....\$ 85.00

**MC-12P** Phono-top Mobile Amplifier, 12

Watts (12 Volts DC and 117 Volts AC)

with tubes, with cables.....\$124.95

**MC-12** Same as above with plain cover less

phono-top mechanism.....\$ 94.95

Shipping Weight all models: 15 lbs.

**PRICES: Mobile Portable Systems**

**MAC-126P** List Price

Phono-top Portable Mobile

System (6 Volt).....\$172.00

Shipping Weight: 36 lbs.

Consists of:

1—12 Watt Mobile Amplifier with Tubes

1—10" PM Speaker

1—25-ft. Speaker Cable and Plug

1—Model 303 Portable Case

1—Astatic JT-30 microphone with 15-ft. Cable and Connectors

**MAC-12P** Phono-top Portable Mobile System

(12 Volt).....\$181.95

**WEST OF THE ROCKIES ADD 5% TO ABOVE LIST PRICES**

**PRICES: Mobile Outdoor Systems**

**MCO-126P** List Price

Mobile Outdoor System

(6 Volt).....\$185.00

Consists of:

1—12 Watt Mobile Amplifier with Tubes

1—Masco University Model 1B8 Loudspeaker

1—25-ft. Cable and Plug

1—Astatic JT-30 microphone with 15-ft. Cable and Connectors

**MCO-12P** Phono-top Mobile Outdoor Sys-

tems (12 Volt).....\$174.95

**RCM** Remote Control and Clamp attachment

to steering post.....\$ 11.50

**Specifications and prices subject to change without notice**

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MC-25PN

MAC-25PN



MC-25PC



MC-25RC

MC-126P  
MC-12P

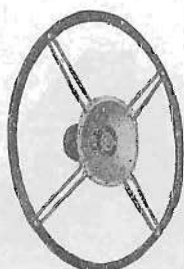


MAC-126P  
MAC-12P

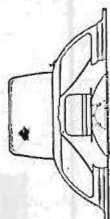


# MASCO high frequency tweeter unit HFT-100

FOR USE WITH 12" AND 15" CONE SPEAKERS



**HFT-100  
With Mounting Bracket**



**View of HFT-100  
Mounted Within Cone Speaker**



**View of HFT-100  
Less Mounting Bracket**

## AN EXCLUSIVE NEW TWEETER THAT GIVES LIVING PRESENCE WITH

**NO distortion**  
**NO cumbersome horns**

**NO crossover network necessary**  
**NO additional space required**

**NO narrow dispersion angles**  
**NO need for separating sound sources**

**FEATURES:** Real high-fidelity reproduction is not possible with a conventional 12" speaker, which seldom is capable of appreciable response beyond average voice range. However, such a speaker, in conjunction with the new MASCO high frequency tweeter unit HFT-100 will provide excellent fidelity from the lowest bass frequency it is capable of reproducing to the treble frequencies well beyond 15,000 cycles.

The HFT-100 with its patented diffuser is the simplest and most economical method of obtaining distortionless high frequency response. Since no crossover network is required, distortion resulting from the unavoidable phase shift in such networks is not produced.

**DESIGN AND CONSTRUCTION:** The relative low impedance of about 5 ohms permits a series hook-up with an associated low frequency (cone type) speaker. Due to the widely different characteristics of the tweeter and cone speaker, they become mutually compensating when so connected, in that one tends to stabilize the performance of the other.

The HFT-100 incorporates a quasi-cross-over network, thus the need for external filters is eliminated. A gradual slope of the lower end is the result of the design of the moving element in the HFT-100 itself. When applied to the HFT-100 it begins blending in at 900 cycles and attains full effect around 2500 cycles. As the HFT-100 determines its own operating range, it is quite permissible to apply its full power rating over the entire frequency range of a cone speaker-tweeter combination.

By means of a double reflector, uniform distribution of a wide frequency band is achieved. A method has been developed and patented (No. 2135840) which permits efficient utilization of the beam effect of the high frequencies. The short path lengths between the sound generator and the reflectors, together with the correct choice of the materials and finishes, result in a highly efficient unit.

**MOUNTING INSTRUCTIONS:** The HFT-100 with its supporting non-resonant metal bracket is attached to the cone speaker as follows:

- Remove cone speaker from cabinet.
- Match holes of metal bracket of tweeter with cone speaker mounting holes.
- Remount cone speaker and tweeter into cabinet.

**HOOKUP:** The HFT-100 tweeter is wired in series with the cone speaker.

When the source impedance and the cone speaker impedance is **3.2 ohms**, a 10 ohm, 10 watt fixed resistor is connected across the tweeter.

When the source impedance and the cone speaker impedance is **6-8 ohms** no resistor is required.

When the source impedance and the cone speaker impedance is **16 ohms**, a 20 ohm, 10 watt fixed resistor is connected across the cone speaker.

FREQUENCY RANGE.....900 to beyond 15,000 cycles  
IMPEDANCE.....5 ohms  
POWER RATING.....8 watts  
DISPERSION, HORIZONTAL AND VERTICAL.....70 degrees

**DIMENSIONS:**

DIAMETER 5-7/16"  
DEPTH 2 5/8"

**PRICES:**

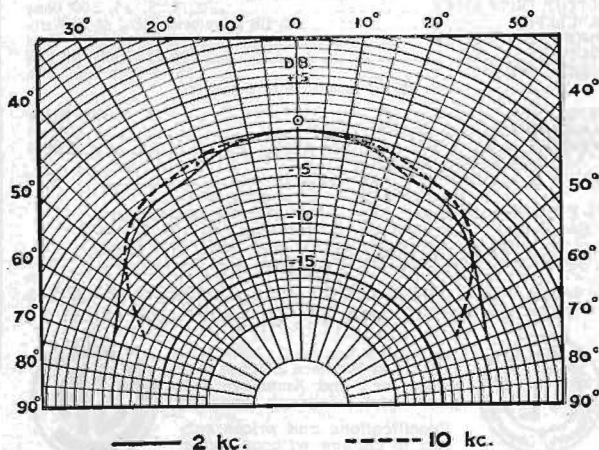
**List Price**

HFT-100 with attached mounting bracket for 12" cone speaker .....	\$27.00
HFT-100 with attached mounting bracket for 15" cone speaker .....	\$29.00
Shipping Weight: 3 1/4 lbs.	

**West of the Rockies add 5% to the above list prices.**

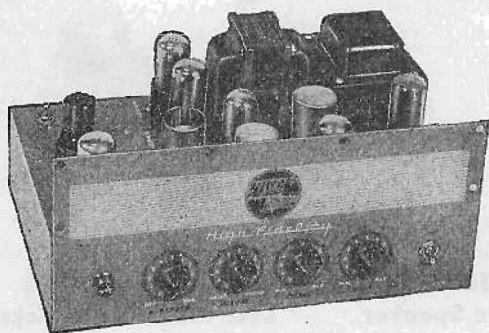
*Specifications and prices subject to change without notice.*

**Radiation Pattern of HFT-100**



**MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.**

## THE ULTIMATE IN HIGH FIDELITY AMPLIFIERS ... UNEXCELLED BY ANY STANDARD



MA-12HF  
MA-12EX

### MA-12HF 12-WATT HIGH FIDELITY AMPLIFIER MA-12EX (illustrated) 12-WATT HIGH FIDELITY AMPLIFIER WITH EXPANDER

#### AMPLIFIER FEATURES:

Available with or without expander • Compensated inputs with switching arrangement for G-E, Pickering and crystal pick-ups • Radio Tuner Input • Separate Bass and Treble Controls • U/L Approved.

The Model MA-12EX expander model incorporates the many outstanding features of the MA-12HF, but has in addition the new MASCO variable expander, which operates instantaneously; has no chopping effect or time lag.

#### APPLICATION:

Model MA-12HF is especially adapted for use by broadcast stations for bridging applications and recording. Is ideal as a distribution amplifier for wired music applications.

#### AMPLIFIER SPECIFICATIONS:

##### MODEL MA-12HF and MODEL MA-12EX

RATED POWER OUTPUT.....	12 Watts at less than 5% distortion 9 Watts at less than 2% distortion
PEAK POWER OUTPUT.....	17 Watts
FREQUENCY RESPONSE.....	±2 DB 50 to 15,000 CPS (tone controls normal)
INPUT SENSITIVITY & GAIN.....	Magnetic pickup .008 Volts (90 DB) High level crystal pickup 1.5 Volts (60 DB) Low level crystal pickup .45 Volts (70 DB) Radio Tuner, Bridging .3 Volts (75 DB)
CONTROLS.....	Magnetic pickup, crystal pickup, radio tuner-1-Bass, 1-Treble (Model MA-12EX has separate expander control)
TUBES FOR MA-12HF.....	1-6SC7, 2-6SL7GT, 2-6V6GT, 1-5Y3GT (Rectifier)
TUBES FOR MA-12EX.....	1-6SC7, 2-6SL7GT, 2-6SN7GT, 2-6V6GT, 1-5Y3GT (Rectifier)
OUTPUT IMPEDANCES.....	2, 4, 8, 15, 500 Ohms
HUM LEVEL.....	65 DB below output level of 12 Watts
POWER CONSUMPTION.....	80 Watts at 117 Volts
VOLTAGE.....	105-125 Volts, 60 CPS
DIMENSIONS.....	13" x 8" x 8 1/2" high

Both Models supplied with Connectors.

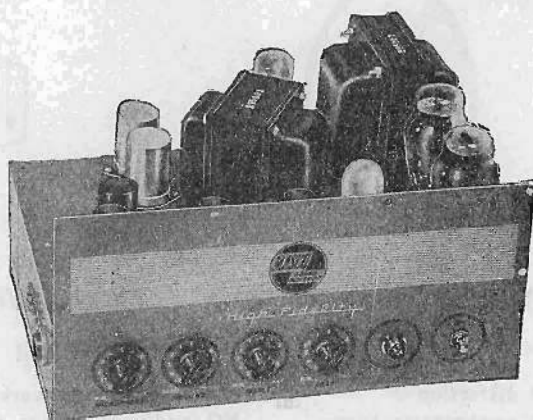
PRICES	List Price
MA-12HF Amplifier, with tubes, less cover.....	\$122.00
MA-12EX Amplifier, with tubes, less cover.....	132.50
(with built-in Expander Circuit)	
If Cover is desired for either model add to list price.....	7.00
Shipping Weight — either model: 20 lbs.	
FS-1 Flexible extension shaft 3 foot long for cabinet or panel mounting.	
Each flexible shaft is supplied with two coupling connectors. One end of shaft connects to the control and the other end of shaft takes a standard knob. List Price each shaft.....	2.75

To secure a LOW-IMPEDANCE INPUT for amplifiers, see PAGE B-13  
WEST OF ROCKIES ADD 5% TO ABOVE LIST PRICES



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Specifications and prices subject to change without notice.



MA-25HF  
MA-25EX

### MA-25HF (illustrated) 25-WATT HIGH FIDELITY AMPLIFIER MA-25EX 25-WATT HIGH FIDELITY AMPLIFIER WITH EXPANDER

#### FEATURES:

Available with or without volume expander • Four inputs separately controlled • Input switching arrangement for G-E, Pickering, High and Low output crystal and magnetic pick-ups, microphone and radio tuner • Separate bass and treble controls • Output tapped at 4-8-16-250 and 500 ohms • Flat frequency response • Over-all negative feedback • U/L Approved.

The specially designed Controlled Expander Circuit built into the MA-25EX offers true expander function since it allows expansion on only the "above average" passages of a record. Expansion is variable from zero to 15 DB and is entirely free from time lag, thump and microphonics.

#### APPLICATION:

For broadcast stations, recording studios, bridging and monitoring, transcription playback and the "critical" music lover.

#### AMPLIFIER SPECIFICATIONS:

##### MODEL MA-25HF and MODEL MA-25EX

RATED POWER OUTPUT.....	25 Watts at less than 5% distortion 20 Watts at less than 2% distortion (at all frequencies from 30 to 20,000 CPS)
PEAK POWER.....	43 Watts
FREQUENCY RESPONSE.....	± 1 DB 30 to 20,000 CPS (tone controls normal)
INPUT SENSITIVITY & GAIN.....	Magnetic pickup, .008 Volts (90 DB). High level crystal pickup, 1.5 Volts (60 DB). Low level crystal pickup, .45 Volts (70 DB). Radio Tuner, Bridging .3 Volts (75 DB). Microphone, .005 Volts (120 DB).
CONTROLS.....	Microphone, Magnetic pickup, crystal pickup and Radio-1-bass, 1-treble (Model MA-25EX has separate expander control)
TUBES FOR MA-25HF.....	1-12SC7, 1-12SJ7, 2-6SL7GT, 2-6L6G, 1-5V4G (Rectifier)
TUBES FOR MA-25EX.....	1-12SC7, 1-12SJ7, 2-6SN7GT, 2-6SL7GT, 2-6L6G, 1-5V4G (Rectifier)
OUTPUT IMPEDANCES.....	4, 8, 16, 250, 500 Ohms
HUM LEVEL.....	80 DB below output level of 25 Watts
POWER CONSUMPTION.....	140 Watts at 117 Volts
VOLTAGE.....	105-125 Volts, 60 CPS
DIMENSIONS.....	14" x 10" x 8 1/2" high

Both Models supplied with Connectors.

PRICES	List Price
MA-25HF Amplifier, with tubes, less cover.....	\$161.50
MA-25EX Amplifier, with tubes, less cover.....	172.00
(with built-in Expander Circuit)	
If Cover is desired for either model add to list price.....	7.50
Shipping Weight — either model: 34 lbs.	
FS-1 Flexible extension shaft 3 foot long for cabinet or panel mounting.	
Each flexible shaft is supplied with two coupling connectors. One end of shaft connects to the control and the other end of shaft takes a standard knob. List Price each shaft.....	2.75

**MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.**



**THE ULTIMATE IN HIGH FIDELITY AMPLIFIERS  
... UNEXCELLED BY ANY STANDARD**



**MHP-110  
MHP-110X**

**MHP-110 10-WATT HIGH FIDELITY AMPLIFIER  
MHP-110X (illustrated) 10-WATT HIGH FIDELITY  
AMPLIFIER WITH BUILT-IN EXPANDER CIRCUIT**

**AMPLIFIER FEATURES:**

Exclusive MASCO 4-Way Tone Compensator • Voltage Supply Socket for Attachment of External Pre-amplifier • Power Supply Socket • Crystal Pickup input provision • Radio Tuner input provision • Pre-amplifier input provision • Safety fused • Over-all negative feedback • U/L Approved • Expander circuit available • 10-Watt power output

**AMPLIFIER SPECIFICATIONS:**

**MODEL MHP-110 and MODEL MHP-110X**

POWER OUTPUT.....	10 Watts at less than 5% distortion
PEAK POWER OUTPUT.....	14 Watts
FREQUENCY RESPONSE.....	± 1 DB 40 to 15,000 CPS (Tone Compensator Normal)
GAIN AND SENSITIVITY.....	MHP-110: .9 Volts — 70 DB MHP-110X: .5 Volts — 75 DB
FLAT RESPONSE.....	With Tone Compensator at Normal: Response is ± 1 DB 40 to 15,000 CPS
VOLUME CONTROL.....	Continuously Variable; with Power On-Off Switch
4-WAY INDIVIDUAL TONE COMPENSATOR:	
Position —	
No. 1: Deep bass with high cut	
No. 2: Medium bass (Bass Boost with normal treble)	
No. 3: Normal (Flat response)	
No. 4: Treble (Normal bass with treble boost)	
VARIABLE EXPANDER (MHP-110X only):	
Manually controlled from zero to + 10 DB. Operates instantaneously. No chopping effect. No time lag.	
TUBES USED MHP-110.....	1-6SL7GT, 2-6V6GT, 1-5Y3GT (Rectifier)
TUBES USED MHP-110X.....	3-6SL7GT, 2-6V6GT, 1-5Y3GT (Rectifier)
OUTPUT IMPEDANCES.....	4 and 8 Ohms
POWER CONSUMPTION.....	60 Watts at 117 Volts, 60 CPS
HUM LEVEL.....	80 DB below 10 Watts
AC RECEPTACLE.....	Provided for external attachment of phonograph or radio tuner. (Radio tuner may be adjusted for use.)
CHASSIS DIMENSIONS.....	10" x 5 1/2" x 2 1/2" high

**PRICES**

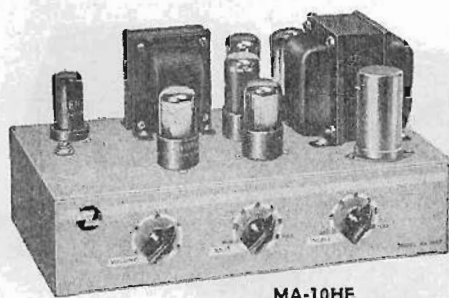
**List Price**

<b>MHP-110</b> High Fidelity 10-Watt Amplifier with Tubes and Input Connector.....	\$ 48.75
Weight: 9 lbs.	
<b>MHP-110X</b> High Fidelity 10-Watt Amplifier with Built-in Expander Circuit, with Tubes and Input Connector.....	59.95
Weight: 9 1/2 lbs.	
<b>FS-1</b> Flexible extension shaft 3 foot long for cabinet or panel mounting. Each flexible shaft is supplied with two coupling connectors. One end of shaft connects to the control and the other end of shaft takes a standard knob. List Price each shaft.....	2.75

**WEST OF ROCKIES ADD 5% TO ABOVE LIST PRICES**



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Specifications and prices subject to change without notice.



**MA-10HF  
MA-10EX**

**MA-10HF (illustrated) 10-WATT HIGH FIDELITY  
AMPLIFIER**

**MA-10EX 10-WATT HIGH FIDELITY AMPLIFIER WITH  
BUILT-IN EXPANDER CIRCUIT**

**AMPLIFIER FEATURES:**

10 Watts of hum-free power • Built-in compensated pre-amplifier • Four inputs • Two inputs equalized for various magnetic and reluctance pickups • One input equalized for crystal pickup • One input unequaled for radio tuner • Ideal for L.P. pickups • Expander circuit available • Individual bass and treble boost and attenuation • Heavy duty output transformer with impedances of 2-4-8-16 and 500 ohms to match most all speakers • Inverse feedback 12 DB over-all • Safety fused • U/L Approved.

**AMPLIFIER SPECIFICATIONS:**

**MODEL MA-10HF and MODEL MA-10EX**

POWER OUTPUT.....	10 Watts at less than 5% distortion
PEAK POWER OUTPUT.....	14 Watts
FREQUENCY RESPONSE.....	± 1 DB 40 to 20,000 CPS (Tone controls normal)
GAIN AND SENSITIVITY.....	Magnetic Input No. 1: .01 Volts 92 DB at 1000 CPS Magnetic Input No. 2: .08 Volts 78 DB at 1000 CPS Crystal Input: .5 Volts 70 DB at 1000 CPS Radio Input: .5 Volts 70 DB at 1000 CPS
VOLUME CONTROLS.....	Continuously variable
TREBLE CONTROLS (MA-10HF only).....	High frequency boost 15 DB Attenuation at 15,000 CPS 14 DB
BASS CONTROL (MA-10HF only).....	12.5 DB boost at 50 CPS, and 12.5 DB attenuation at 50 CPS
FLAT RESPONSE.....	With controls at normal, response is ± 1 DB 40 to 20,000 CPS
4-WAY INDIVIDUAL TONE COMPENSATION (MA-10EX only):	
Position —	
No. 1: Deep bass with high cut	
No. 2: Medium bass (Bass boost with normal treble)	
No. 3: Normal (Flat response)	
No. 4: Treble (Normal bass with treble boost)	
VARIABLE EXPANDER (MA-10EX only):	
Manually controlled from zero to + 10 DB. Operates instantaneously. No chopping effect. No time lag.	
TUBES USED MA-10HF.....	1-6SC7, 2-6SL7GT, 2-6V6GT, 1-5Y3GT (Rectifier)
TUBES USED MA-10EX.....	1-6SC7, 3-6SL7GT, 2-6V6GT, 1-5Y3GT (Rectifier)
OUTPUT IMPEDANCES.....	2, 4, 8, 16, 500 Ohms
POWER CONSUMPTION.....	75 Watts at 117 Volts, 60 CPS
HUM LEVEL.....	70 DB below 10 Watts
AC RECEPTACLE.....	Contains 2 hum balancing potentiometers Provided for external attachment of phonograph or radio tuner. (Radio tuner may be adjusted for use.)
CHASSIS DIMENSIONS.....	12" x 7" x 2 1/2" high

**PRICES**

**List Price**

<b>MA-10HF</b> High Fidelity 10-Watt Amplifier with Tubes and Input Connector.....	\$ 68.95
Weight: 11 1/2 lbs.	
<b>MA-10EX</b> High Fidelity 10-Watt Amplifier with Built-in Expander Circuit, with Tubes and Input Connector.....	84.95
Weight: 12 lbs.	
<b>FS-1</b> Flexible extension shaft 3 foot long for cabinet or panel mounting. Each flexible shaft is supplied with two coupling connectors. One end of shaft connects to the control and the other end of shaft takes a standard knob. List Price each shaft.....	2.75

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## MODERN-PACKAGED INTER-COMMUNICATION SYSTEMS

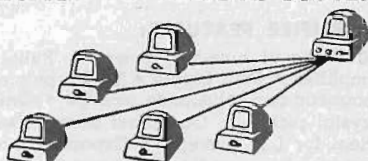


### MODEL JMR TWO STATION SYSTEM

Underwriters Approved — One Master with On-Off Pilot Light and One Remote Station with 50 Feet of Cable.

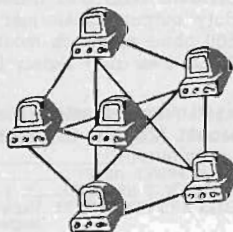
### MODEL JM-5 MASTER TO REMOTE SYSTEM

that takes up to five remote stations



### MODEL IM-5 ALL MASTER SYSTEM

Accommodating up to Six Master Stations



**ALL MASTER  
HOOK-UP  
NO CROSS-TALK**

**FOR HOME, PROFESSIONAL AND  
COMMERCIAL USE  
AVAILABLE IN WHITE BAKED ENAMEL OR  
BROWN HAMMERTONE FINISH  
UNBREAKABLE CAST ALUMINUM  
HOUSINGS**

#### FEATURES:

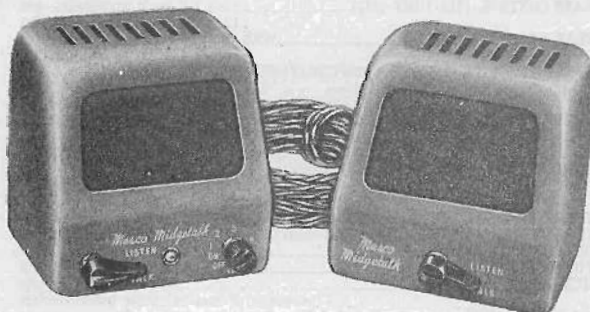
- Master Station equipped with Volume Control with on-off switch
- Master Station has On-Off Pilot Light
- Separate "press to talk" switch
- Remote Station has "press to talk" switch to originate call to Master Station if desired and allow for privacy
- Remote Station can be used for two way conversation without manual operation
- Natural voice reproduction
- Ample Sensitivity
- Matching Master and Remote Stations
- Unbreakable Cast-Aluminum housings
- Finished in attractive Walnut Hammertone or white Baked Enamel
- U/L Approved

#### PRICES:

#### List Price

<b>MODEL JMR</b> —Two-Station System complete. One master with tubes, one remote, and 50 ft. cable.....	\$42.50
<b>*MODEL JMRW</b> —Master to Remote with 50 ft. of cable.....	45.00
<b>MODEL JM5</b> —Master, with tubes. For communication between it and five remote stations; can converse with all 5 stations or can select any one remote station. Master has press-to-talk and station selector switch and volume control with on-off switch.....	37.50
<b>*MODEL JMW-5</b> —Master Station.....	38.85
<b>MODEL JR</b> —Remote. "Press-to-talk" switch allows remote to originate call to JM5 Master, permitting privacy; JR can be used as two-way paging system. Use of switch may be omitted. System uses 3-Wire Vinylite Covered Cable.....	12.75
<b>*MODEL JRW</b> —Remote Station.....	14.00
<b>MODEL IM-5</b> —All Master, with tubes. Communication between it and 5 other masters. Each master can converse two-way with any or all masters in system. Has press-to-talk and station selector switches and volume control with on-off switch.....	37.50
7-Conductor Cable. Must be used with 5 or more master stations.. (per ft.)	.25
5-Conductor Cable for use with up to 4 master stations..... (per ft.)	.30
<b>*MODEL IMW-5</b> —All Master .....	38.85
*In white baked enamel finish.	

## MASCO MIDGETALK—A COMPLETE INTERCOM SYSTEM



**No other intercom in the field can match the  
value of MASCO'S 2-station MIDGETALK  
\$29.95 list complete.**

**Nothing more to purchase.**

U/L and CSA approved one master with on-off pilot light and one remote with 50 feet of 3-wire cable. Color styled . . . \$29.95 in mahogany. Slightly higher prices for white, blue, pink, green, yellow. Matched stations. Remote may be used for private or non-private operation; has press-to-talk switch that allows it to originate call to master.

Natural voice reproduction. Ample sensitivity. Unbreakable cast zinc housings.

#### SPECIFICATIONS:

VOLTAGE .....	117 volts AC or DC
POWER OUTPUT .....	2.5 Watts
POWER CONSUMPTION .....	30 Watts
TUBES.....	12SJ7—Voltage Amplifier 50B5—Beam Power Amplifier Selenium Rectifier
SPEAKERS.....	In Master and Remote are 3" Alnico V Magnet—3.2 ohm voice coil
DIMENSIONS.....	5" x 4 1/4" x 5 3/8" high Shipping Weight: 7 1/2 pounds

#### FEATURES:

Master Station has Volume Control with on-off switch • Master Station has separate "press to talk" switch • Master Station has on-off Pilot Light • Remote Station has "press-to-talk" switch to originate call to Master Station if desired and to allow for privacy • Remote Station can be used for two-way conversation without manual operation • Natural voice reproduction • Ample sensitivity • Matching Master and Remote Stations • Unbreakable Cast Zinc Housings • Finished in attractive, beautiful mahogany • U/L Approved.

WEST OF ROCKIES ADD 5% TO ABOVE LIST PRICES

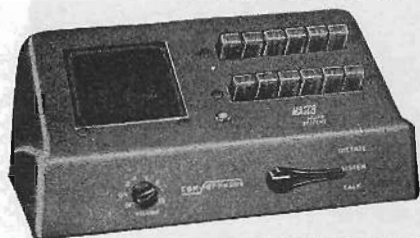
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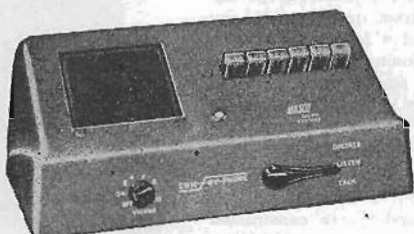


## MASCO CON-FER-PHONE Now — One Master Completely Flexible for any Combination System.

Build a system around any one Master to meet your requirements. Available in Six and Twelve Station Masters. Remote Available With or Without Call Switch and With 6 Position Master Station Selector.



**JMP-12 MASTER STATION**



**JMP-6 MASTER STATION**



**JS-6 REMOTE**

### FEATURES:

- For Master-to-Master-to-Remote Intermix Installation.
- For Master-to-Master Installation.
- For Master-to-Remote Installation.
- Remote Station for two-way conversation with Masters.
- Remote Station can originate call to Masters.
- Masters may have personal remotes.
- Push-Button station selection.
- Press-to-talk switch with dictate position on Master.
- Individual or group conversation.
- Volume control with on-off switch.
- On-Off indicating light.
- AC-DC operation.
- Finished in attractive walnut hammertone.
- Finish available in baked white enamel.
- U/L Approved.

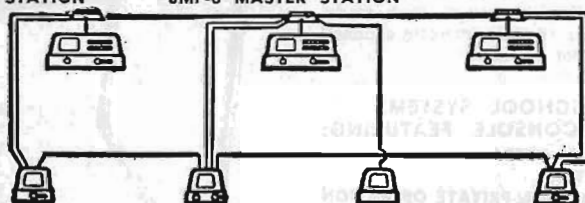


Illustration of a Master-to-Master-to-Remote Inter-Mix Installation:

The above is an inter-mixed system using both Masters and Remotes. Masters may call selectively or to all masters and remotes in the circuit. Master stations can originate calls to any remote at will. Remotes can answer any master from a distance but cannot originate calls nor talk to other remotes. Remotes can originate calls to any master in the circuit, but cannot talk with other remotes. Model JS Remote may originate a call to only one master. Model JS-6 Remote may originate a call to as many as six masters. Remotes with switch can be installed for private or non-private use.

Each master can have his own private hook-up of remotes. The remotes may or may not originate calls to the individual master. Masters can call each other regardless of whether master being called has its power on or off.

Illustration shows less than the maximum number of units possible in installation.

A JMP-6 Master may be connected to a total of six other units and a JMP-12 Master to a total of twelve other units. These units may be other masters or the JL, JS, and JS-6 Remotes, or the MB-8N Booster Amplifier. All of these units may be mixed.

### SPECIFICATIONS FOR MODELS JMP-6 and JMP-12 MASTERS and MODELS JL, JS, and JS-6 REMOTES

MASTER VOLTAGE	117 Volts AC or DC
POWER OUTPUT	3.5 Watts
POWER CONSUMPTION	30 Watts
CONTROLS	6 and 12 Push-Button station selectors Volume control with on-off switch
TUBES	1-12SJ7 Dual Triode Amplifier 1-50L6 Beam Power Amplifier 1-50Y6 Rectifier

#### MASTER AND REMOTE

SPEAKER	4" Alnico V Magnet 13-Ohm Voice Coil
FINISH	Walnut Hammertone or White Baked Enamel
DIMENSIONS	Master: 12 3/4" x 7 1/2" x 5 1/2" high Remote: 6 1/2" x 7 1/2" x 5 1/2" high
SHIPPING WEIGHT	Master: 8 lbs. Remote: 3 1/4 lbs.



**MB-8N**

### MB-8N 8-WATT BOOSTER AMPLIFIER

**FEATURES:** U/L Approved  
• Tapped Output • Master Gain Control • Input Matched to Master • Designed for Long Hour Usage.

**APPLICATION:** Where paging is required in conjunction with intercommunication. It is the answer to high noise level voice penetration or for large area voice coverage. It is used with separate speakers and baffles.

<b>AMPLIFIER SPECIFICATIONS • MODEL MB-8N</b>	
POWER OUTPUT	8 Watts, at less than 5% distortion
PEAK OUTPUT	13 Watts
INPUT	One, 13 Ohms
FREQUENCY RESPONSE	± 2 DB 50 to 10,000 CPS
CONTROLS	One, Master Gain with On-Off Switch
TUBES	1-6SJ7, 1-6LGG, 1-5Y3GT (Rectifier)
OUTPUT IMPEDANCES	3.2, 8, 500 Ohms
HUM LEVEL	60 DB below output of 8 Watts
POWER CONSUMPTION	75 Watts, 117 Volts, 60 Cycles
DIMENSIONS	10" x 6" x 7 1/2" high
SHIPPING WEIGHT	14 lbs.

Write to factory for catalog giving complete description of Con-Fer-Phone Intercommunication Equipment.

#### WEST OF ROCKIES ADD 5% TO ABOVE LIST PRICES

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#### PRICES

JMP-6	Six-Station Master with Tubes	\$57.95
JMP-12	Twelve-Station Master with Tubes	67.95
JL	Remote Less Call Switch	12.75
JS	Remote With Call Switch	14.00
JS-6	Remote with 6-Position Master Station Selector and Call Switch	19.95

Booster Amplifier, 8 Watts, with Cover, with Matched Tubes..... 57.50

**BJ-6** Junction Box for use with JMP-6 Master and JS-6 Remote. Consists of a terminal strip containing 8 pair of terminal lugs mounted on a metal chassis including a dust cover Above Junction Box, factory installed..... 7.00

**BJ-12** Junction Box for use with JMP-12 Master. Consists of a terminal strip containing 14 pair of terminal lugs mounted on a metal chassis and includes a dust cover..... 9.50

Above Junction Box, factory installed..... 7.25

Above Junction Box, factory installed..... 10.00

#### CABLE PRICES

	List Price, per 100 ft.
<b>SC</b> One Pair Shielded Twisted No. 20 Solid. No outside covering	\$ 6.75
<b>SCB</b> One Pair Shielded Twisted No. 20 Solid, with over-all Weather-proof Braid Covering. (This is not water-proof)	8.50
<b>TW-4</b> Four Pair, each pair Twisted No. 20 Solid with over-all outside Braid Covering all four pair	17.00
<b>TW-7</b> Seven Pair, each pair Twisted No. 20 Solid with over-all outside Braid Covering all seven pair	23.75
<b>TW-13</b> Thirteen Pair, each pair Twisted No. 20 Solid with over-all outside covering all thirteen pair	47.50
<b>S</b> One Pair Twisted Unshielded No. 20 Solid. No outside covering	3.75

**MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.**

# MASCO DELUXE SCHOOL SYSTEMS

## CENTRALIZED CONTROL CONSOLE FOR 20, 40, 60 CLASSROOMS

50 WATT PROGRAM AMPLIFIER WITH SEPARATE BUILT-IN 8 WATT INTERCOMMUNICATION AMPLIFIER

**FEATURES:** Available for 20, 40, 60 rooms • Separate 50 watt program amplifier • Separate 8 watt intercom amplifier • Self-contained AM-FM tuner • Available with 3 speed Webster record changer or dual speed transcription player • DB output level meter • Emergency "all-call" in one action • Room pickup from any room to any or all rooms • Room "call-in" provided • Monitoring facility without loss of room "call-in" • Pre-tuning of radio without loss of room "call-in" • Two-way conversation between control console and any room • Two microphone channels may be mixed with phono or radio • Remote control provided for auditorium microphones • Balanced line • Telephone line input • Underwriters' Laboratories approved.

**DESIGN AND CONSTRUCTION:** All models are constructed of steel and finished in brown hammertone. Phonograph or record changer mounts in "pull-out" drawer. Each model is equipped with an AM-FM tuner. Built-in intercom channel, DB output level meter and monitor speaker.

### OTHER MASCO DELUXE SCHOOL SYSTEMS CENTRALIZED CONTROL CONSOLE FEATURING:

- PROGRAM AND INTERCOM OPERATION
- ROOM BROADCAST FEATURE
- CLASSROOM PRIVATE OR NON-PRIVATE OPERATION
- EMERGENCY CONTROL FEATURE
- REMOTE MICROPHONE CONTROL

#### PRICES:

#### List Price

<b>MCS-60</b> —Complete Console for 60 Classrooms (50-Watt Power Amplifier), Inter-Com Amplifier, AM-FM Tuner and *Dual-Speed Transcription Player.....	\$1,380.00
<b>MCS-40</b> —Same as above but for 40 Classrooms.....	1,320.00
<b>MCS-20</b> —Same as above but for 20 Classrooms.....	1,260.00
Shipping Weight: All Models 270 lbs.	



#### PRICES: OPTIONAL EQUIPMENT

#### List Price

*To substitute the Webster Model 100 Three Speed Automatic Record Changer, ADD.....	\$56.75
To convert to low impedance (specify tap setting when ordering) for each input, ADD.....	22.50
<b>RCB</b> Remote Control Box.....	12.50
Matching Transformer.....	3.50

### School and Institutional Control Amplifier with Complete Program Facilities MICROPHONE • RADIO • PHONOGRAPH

### MS SERIES FOR 6 TO 36 STATIONS

28 Watts of Audio Power, 40 Watts Peak Power for 6, 12, 18, 24, 30 and 36 Stations with Built-in Intercommunication Channel.



MS-36

**FEATURES:** 28 Watt Amplifier • Built-in Intercommunication Channel • Two-way conversation • Simultaneous or selective paging • External phono provision • Volume-level indicator • Input selector switch • External microphone provision • Provision for external radio • U/L approved.

**DESIGN AND CONSTRUCTION:** Ample power for each speaker. Ample gain for external microphone and phonograph pickup. Speaker switches connected for group or selective paging. Master switch permits simultaneous paging. Calls may originate from any room to master when proper interconnecting cable is used. Separate volume controls for level adjustment of all calls. Volume-level indicator for correct level setting. Provision for connecting an external phonograph. Any standard radio may be adjusted for use with this system. Two-way conversation feature permits easy communication. Balanced line for simplicity of installation. Use of more than 15 db of inverse feedback assures negligible change of volume level regardless of varying speaker loads.

#### PRICES

#### List Price

<b>MODEL MS-6</b> —Control Amplifier with tubes for 6 stations.....	\$184.50
<b>MODEL MS-12</b> —Control amplifier with tubes for 12 stations.....	189.50
<b>MODEL MS-18</b> —Control amplifier with tubes for 18 stations.....	194.50
<b>MODEL MS-24</b> —Control amplifier with tubes for 24 stations.....	199.50
<b>MODEL MS-30</b> —Control amplifier with tubes for 30 stations.....	217.00
<b>MODEL MS-36</b> —Control amplifier with tubes for 36 stations.....	229.50

### School and Institutional Control Amplifier with Self-Contained AM-FM Radio- Webster Three Speed Automatic Record Changer-Transcription Player

### MPS SERIES FOR 10 TO 40 STATIONS



MPS-40

28 Watts Power Output 40 Watts Peak Power

#### Complete Program or Intercommunication Facilities

**FEATURES:** Built-in sensitive FM-AM tuner • Optional built-in three speed transcription player or Webster Model 100 three-speed record changer • Provides for 10 to 40 stations • Electronic Volume-level Indicator • Speaker switches provide for selective or group paging • Master switch allows for simultaneous paging • Built-in speaker is used for "talk" and "Listen" • Input is provided for external microphone • May be installed for private or non-private operation • Private operation prohibits the control operator from "listening in" unless switched in at the station location • Use of more than 15 db of inverse feedback assures negligible change of volume level regardless of varying speaker loads • U/L approved.

#### PRICES

#### List Price

<b>MODEL MPS-10</b> (for 10 stations) Control Amplifier with tubes with AM-FM Tuner and Single Speed Manual Phonograph.....	\$432.00
<b>MODEL MPS-20</b> (for 20 stations) Control Amplifier with tubes with AM-FM Tuner and Single Speed Manual Phonograph.....	445.50
<b>MODEL MPS-30</b> (for 30 stations) Control Amplifier with tubes with AM-FM Tuner and Single Speed Manual Phonograph.....	459.00
<b>MODEL MPS-40</b> (for 40 stations) Control Amplifier with tubes with AM-FM Tuner and Single Speed Manual Phonograph.....	475.00

**MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.**



# MASCO COMBINATION HIGH FIDELITY DUAL SPEED PORTABLE TRANSCRIPTION PLAYERS AND PUBLIC ADDRESS SYSTEMS



FOR STANDARD TRANSCRIPTIONS AND LONG-PLAYING RECORDS — OFFERING THE CRYSTAL, LP, OR VARIABLE RELUCTANCE PICKUP

## FEATURES:

May be operated at 78, 33 1/3 or 45 R.P.M. • Variable-Speed adjustment lever • Varies basic speeds • Dual-Speed motor • Heavy-duty 12" PM speaker and 25 feet of cable • Individual microphone and phono inputs; allows mixing of voice and phonograph • Individual Bass and Treble controls allow effective control of tonal requirements • Individual motor and amplifier switch allows equipment to be used as a record player • U/L approved • 10 watts Push-Pull Output, 14 watts peak power • Carrying Weight: 36 lbs. • Rugged metal speaker grill • All-plywood carrying case—covered in attractive two-tone tweed and calf-trim fabricoid with corner protectors.

## PRICES AND DESCRIPTION

	List Price
<b>MT-16</b> —For standard and transcription recordings and microphone. Uses the Astatic #400 Arm with QT-3M Cartridge with osmium-tipped replaceable stylus. Dual speed motor, speed adjustment lever. COMPLETE PORTABLE .....	\$159.50
<b>MT-16L</b> —For long-playing, standard and transcription recordings and microphone. Uses one Astatic #400 Arm with the LQD "turnover" dual cartridge, with osmium-tipped replaceable stylus. Dual speed motor, speed adjustment lever. COMPLETE PORTABLE .....	\$175.00
<b>MT-16L-3</b> —Has constant speed motor 33 1/3, 78 and 45 RPM for long-playing standard and transcription recordings and microphone. Has all other features of the Model MT-16L. COMPLETE PORTABLE .....	\$159.50

All Prices Plus Federal Excise Tax

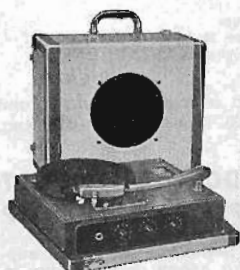
	List Price
<b>VR-16S</b> —For standard and transcription recordings and microphone. Uses the G.E. variable reluctance magnetic cartridge mounted in a tangent transcription arm. Built-in scratch suppressor, dual speed motor, speed adjustment lever. COMPLETE PORTABLE .....	\$189.50
<b>VR-16L</b> —For long-playing, standard and transcription recordings and microphone. Uses the new G.E. variable reluctance magnetic "twist" cartridge mounted in a tangent transcription arm. Built-in scratch suppressor, dual speed motor, speed adjustment lever. COMPLETE PORTABLE .....	\$190.50
<b>VR-16L-3</b> —Has constant speed motor 33 1/3, 78 and 45 RPM for long-playing standard and transcription recordings and microphone. Has all other features of the Model VR-16L. COMPLETE PORTABLE .....	\$189.50

All Prices Plus Federal Excise Tax

## 16" PORTABLE TRANSCRIPTION PLAYERS AND PUBLIC ADDRESS SYSTEMS FOR 78, 33 1/3 AND 45 RPM RECORDINGS

Designed for Convenience, Versatility, and Ruggedness—U/L Approved

### MODEL TD-16 Transcription Player



16"—For long-playing, standard and transcription recordings and microphone.

**FEATURES:** Has a built-in 5 watt AC amplifier • Plays standard, long-playing and transcription recordings • Has separate microphone input • Case is of modern design and covered in two-tone tweed and calf-trim fabricoid • Heavy-duty 8" PM speaker with 10 ft. of cable and plug mounted in the removable cover • Separately controlled inputs for phono and microphone • Microphone and phono may be mixed or used independently • U/L approved.

PRICE	List Price
<b>TD-16</b> Complete Portable Transcription Player.....	\$124.95

Plus Federal Excise Tax

### MODEL T-16

16" Transcription Player for Standard, Long-Playing and Transcription Recordings

**FEATURES:** Plays standard, long-playing and transcription recordings • Case made of plywood and covered in two-tone tweed and calf-trim fabricoid • Heavy-duty 6" PM speaker with 10 ft. of cable with plug mounted in the removable cover • Uses 2 1/2 watt high-quality amplifier with separate volume and tone controls • The three-speed motor is free from wow or rumble • The Astatic Model 400 Arm has dual "turnover" cartridge correctly weighted to assure long record life • Permanent needles are replaceable • U/L approved.



PRICE	List Price
<b>T-16</b> Complete Portable Transcription Player.....	\$97.95

Plus Federal Excise Tax

### MODEL MRP-16 DUAL SPEED 16" RECORD PLAYER



**FEATURES:** Model MRP-16 is a deluxe high quality two-speed 33 1/3 and 78 RPM portable transcription player for recordings up to 16 inches. It uses a dual speed motor with variable speed changer lever and an Astatic 400 arm with dual needle "turnover" cartridge for playing both standard and microgroove records. Case is all plywood with attractive two-tone fabricoid covering and reinforced corners. Operates from 117 v. AC, 60 cycles.

PRICE	List Price
<b>MODEL MRP-16</b> RECORD PLAYER.....	\$79.95

Plus Federal Excise Tax

### MODEL MSD-16 Deluxe Combination Transcription Player and Public Address System

For standard, Transcription and Long-playing Recordings and Microphone

**FEATURES:** 14 watt push-pull 6V6 amplifier that has microphone, phono inputs, separate bass, treble tone controls • 2 heavy-duty 12" PM speakers each with 25 ft. cable with plugs • 1 dual-speed motor, 33 1/3 and 78 RPM with variable speed change lever • 1 Astatic model 400 Arm with the LQD "turnover" dual cartridge • 1 three-section portable, plywood case covered in two-tone tweed and calf-trim fabricoid • U/L approved.



PRICE	List Price
<b>MODEL MSD-16</b> Transcription Player .....	\$219.95

Plus Federal Excise Tax

Write for Catalog No. 50 for Complete Amplifier Specifications

WEST OF ROCKIES ADD 5% TO ABOVE LIST PRICES • Specifications and prices subject to change without notice.

MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.

# THE MASCO ECONOMY LINE



# MASCO

## SOUND SYSTEMS

### 8 WATT SOUND EQUIPMENT

**AMPLIFIER FEATURES:** Microphone and phono input • Electronic mixing • Variable tone control • Standard voice coil output • 8 Watts undistorted output.

#### AMPLIFIER SPECIFICATIONS FOR ME-8

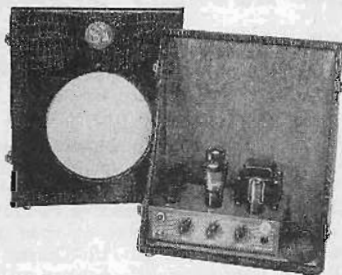
POWER OUTPUT.....8 Watts  
PEAK POWER.....12 Watts  
INPUTS.....Two: Microphone and Phono  
FREQUENCY RESPONSE.....50 to 10,000 CPS  $\pm 2$ DB  
SENSITIVITY:  
Microphone......007 Volts for 8 Watts  
Phonograph......4 Volts for 8 Watts  
CONTROLS.....Three: Microphone, Phono, Tone  
TUBES.....Four: 1-6SJ7, 1-6SF5, 1-6L6G,  
1-5Y3GT (rectifier)  
OUTPUT IMPEDANCES.....3.2 and 8 Ohms  
HUM LEVEL.....25 DB below Zero Level  
POWER CONSUMPTION.....63 Watts

OPERATION.....117 Volts, 60 Cycles  
DIMENSIONS.....10" x 5 1/2" x 4 1/2" high

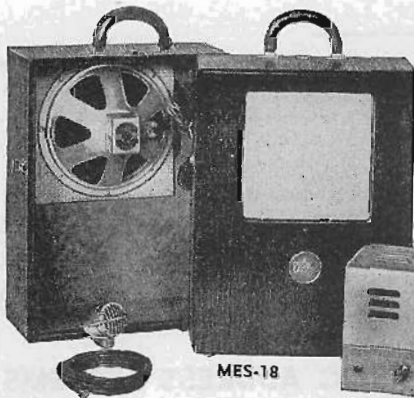
#### PRICES

#### List Price

**ME-8** Amplifier with tubes..... \$47.50  
Shipping Weight 14 lbs.  
**MES-8** Portable system..... 89.95  
Shipping Weight 24 lbs.  
**MES-8** Portable System Consists of:  
1—8 Watt amplifier, with tubes  
1—10" PM Speaker  
1—25' Cable and plug  
1—Portable carrying case Model 3030  
1—Astatic JT-30 microphone with cable and connectors



MES-8



MES-18

### 18 WATT SOUND EQUIPMENT

**AMPLIFIER FEATURES:** Tapped Output, 2-4-8-15-500 ohms • Beam Power Output 2-6L6G • Electronic Mixing Overall • Full Range Controls • Plug-in Phono Top • Plays 10" or 12" Records • U/L Approved • Available with Three-speed Motor.

#### AMPLIFIER SPECIFICATIONS — Models ME-18, ME-18P

POWER OUTPUT.....18 Watts  
PEAK POWER.....24 Watts  
GAIN.....Microphone 118 DB, Phono 74 DB  
CONTROLS.....Three: Microphone, Phono, Tone, With On-Off Switch  
INPUTS.....Two: Microphone and Phono  
TUBES.....Five: 1-6SJ7, 1-6SC7, 2-6L6G, 1-5Y3GT (rectifier)  
OUTPUT.....Tapped 2-4-8-15-500 Ohms  
POWER CONSUMPTION.....(ME-18) 107 Watts, 117 Volts, 60 CPS  
HUM LEVEL.....56 DB below 18 Watts  
FREQUENCY RESPONSE.....50 to 10,000 Cycles  $\pm 2$  DB  
DIMENSIONS.....(ME-18P) 12" x 10" x 8" high  
.....(ME-18) 12" x 6 3/4" x 7 3/4" high

#### PRICES

#### List Price

**ME-18** Amplifier with tubes, with streamline cover..... \$ 71.95  
Shipping Weight 17 lbs.  
**ME-18P** Amplifier, with tubes, with phono top..... 97.50  
Shipping Weight 26 lbs.  
**MES-18** Complete portable system..... 147.95  
Shipping Weight 38 lbs.

**MES-18P** Complete portable system..... \$173.50  
Shipping Weight 47 lbs.

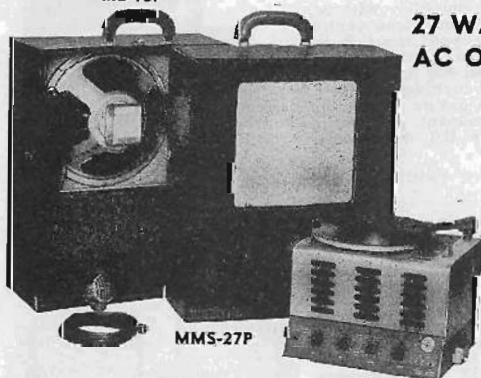
#### MES-18P Portable System Consists of:

- 1—ME-18 or ME-18P Amplifier, with tubes
- 2—12" PM speakers
- 2—25-ft. Cable and plugs
- 1—Portable carrying case Model 8040
- 1—Astatic JT 30 microphone with 12-ft. cable and connectors

The models ME-18P amplifier and MES-18P system are available with a three-speed motor and all purpose pick-up with "turnover" cartridge. Add to List Price \$10.00. Specify when ordering.



ME-18P



MMS-27P

### 27 WATT MOBILE AMPLIFIER FOR 6 VOLT DC AND 115 VOLT AC OPERATION with SINGLE OR THREE SPEED PHONO TOP

**AMPLIFIER FEATURES:** Peak power 40 watts • Self-contained power supplies • "Stand-by" battery saver switch • Extra heavy duty vibrator • Full output AC or DC operation • Ripple-free operation • Rugged construction • Available with Astatic Model AB-8M Pickup • Supplied with Power Cables • U/L Approved.

#### AMPLIFIER SPECIFICATIONS FOR MM-27P

POWER OUTPUT.....27 Watts  
PEAK POWER.....40 Watts  
GAIN.....Microphone 125 DB, Phono 78 DB  
CONTROLS.....Four: Two Microphones, Phono, Tone  
SWITCHES.....On-Off AC, On-Off Phono Motor, Stand-By Battery Saver Switch  
INPUTS.....Three: Two Microphones, One Phono  
TUBES.....Six: 2-6SC7, 1-6SJ7, 2-6L6G, 1-5V4G (rectifier)  
OUTPUT.....Tapped 2-4-8-15-500 Ohms  
POWER CONSUMPTION.....AC 130 Watts, 6 Volt DC, 25 Amps.  
HUM LEVEL.....AC, 55 DB below Output of 27 Watts DC, Ripple-Free  
FREQUENCY RESPONSE.....50 to 10,000 CPS  $\pm 2$  DB  
DIMENSIONS.....12" x 11" x 8" high

#### MMO-27P Outdoor System Consists of:

- 1—MM-27P Phono top amplifier, with tubes
- 2—Masco-University Model MA-25 driver units
- 3—Masco-University Model PH reflex trumpets
- 2—25' Cables and plugs
- 1—Astatic JT-30 microphone with cable and connectors

#### MMS-27P Portable System Consists of:

- 1—MM-27P Phono top amplifier, with tubes
- 2—12" PM speakers
- 2—25' Cables and plugs
- 1—Portable carrying case Model 3050
- 1—Astatic JT-30 microphone with cable and connectors

#### PRICES

#### List Price

**MM-27P** 25 watt mobile phono-top amplifier, with tubes, with single speed motor..... \$175.00  
Shipping Weight 30 lbs.  
**MMS-27P** 25 watt mobile phono-top complete portable system with single speed motor..... 254.00  
Shipping Weight 62 lbs.  
**MMO-27P** 25 watt mobile phono-top, complete outdoor system..... 299.95

To secure a LOW-IMPEDANCE INPUT for amplifiers, see PAGE B-13

#### WEST OF ROCKIES ADD 5% TO ALL LIST PRICES

Amplifiers licensed under U.S. patents of Western Electric Company, Inc., and American Telephone and Telegraph Company. Specifications and prices subject to change without notice.

If Astatic Model AB-8M counterbalanced pickup is desired, add to List \$9.75. The Models MM-27P amplifier, MMS-27P portable system, and MMO-27P outdoor system are available with a three-speed motor and all-purpose pickup with "turnover" cartridge. Add to List Price \$10.00. Specify when ordering.

**MARK SIMPSON MANUFACTURING CO., Inc. • LONG ISLAND CITY, N. Y.**



# THE MASCO ECONOMY LINE



# MASCO

## SOUND SYSTEMS

### 27 WATT SOUND EQUIPMENT

**AMPLIFIER FEATURES:** Output Tapped, 2-4-8-15-500 Ohms • Two Microphones and Phono • Electronic Mixing Overall • Beam Power 6L6 Output • Undistorted 27 Watts Output • Three Separate Inputs • U/L Approved.

#### AMPLIFIER SPECIFICATIONS FOR MODEL ME-27:

POWER OUTPUT.....27 Watts  
PEAK POWER.....38 Watts  
GAIN.....Microphone 125 DB, Phono 78 DB  
CONTROLS.....Four—Two Microphones, Phono, Tone, with On-Off Switch  
INPUTS.....Three—Two Microphones, One Phono  
TUBES.....Six: 1-6SJ7, 2-6SC7 2-6L6G, 1-5V4G (rectifier)  
OUTPUT.....Tapped 2-4-8-15-500 Ohms  
POWER CONSUMPTION.....100 Watts, 117 Volts, 60 CPS  
HUM LEVEL.....55 DB below 27 Watts  
FREQUENCY RESPONSE.....50 to 10,000 Cycles  $\pm$  2 DB  
DIMENSIONS.....18" x 8" x 8"

#### PRICES

**ME-27**—Amplifier with tubes, with streamline cover..... \$ 93.50

Shipping Weight 30 lbs.

**MES-27**—Complete portable system..... \$172.50

Shipping Weight 54 lbs.

**MES-27** Portable System Consists of:

- 1—ME-27 Amplifier, with tubes
- 2—12" PM speakers
- 2—25-ft. Cables and plugs
- 1—Portable carrying case Model 3050
- 1—Astatic JT-30 microphone with cable and connectors



MES-27

ME-27

### 36 WATT SOUND EQUIPMENT

**AMPLIFIER FEATURES:** Three Input Channels • Bass and Treble Tone Equalizers • Electronic Mixing Overall • Peak Power 45 Watts • U/L Approved.

#### AMPLIFIER SPECIFICATIONS for ME-36 and ME-36R

POWER OUTPUT.....36 watts  
PEAK POWER.....45 watts  
GAIN.....Microphone 125 DB, phono 78 DB  
CONTROLS.....Five—Two microphones, phono, 1-bass, 1-treble  
Separate On-Off Switch on Changer  
INPUTS.....Three—Two microphones, one phono  
TUBES.....Seven—2-6SJ7, 1-6SC7, 1-6SN7GT, 2-6L6G, 1-5U4G (rectifier)  
OUTPUT.....Tapped 2-4-8-15-500 ohms  
POWER CONSUMPTION.....(ME-36) 150 watts, 117 volts, 60 cps  
HUM LEVEL.....58 DB below 36 watts  
FREQUENCY RESPONSE.....50 to 10,000 cycles  $\pm$  2 DB  
DIMENSIONS.....(ME-36) 15" x 8" x 8" high  
DIMENSIONS.....(ME-36R) 15" x 15" x 9" high

#### PRICES

**ME-36** Amplifier with tubes, with streamline cover..... \$113.50

Shipping Weight 30 lbs.

**MES-36** Complete portable system..... 192.50

Shipping Weight 58 lbs.

**ME-36R**—Amplifier with tubes, with Webster Model

100 three speed changer mounted on top of cover..... 205.00

Shipping Weight 48 lbs.

**MES-36** Portable System Consists of:

- 1—ME-36 Amplifier with tubes
- 2—12" PM Speakers
- 2—25' Cables and plugs
- 1—Astatic JT-30 microphone with cable and connectors
- 1—Portable carrying case Model 3050

The Model ME-36R cannot be supplied in a portable system



MES-36

ME-36

#### MODEL ME-36R

Featuring the Webster Model 100 Three-Speed Changer



### 52 WATT AMPLIFIER

**AMPLIFIER FEATURES:** Separate Bass and Treble Equalizers • Peak Output 64 Watts • Completely Fused • Hum-free Operation • Universal Output • Four 6L6G Tubes • Full Electronic Mixing • U/L Approved.

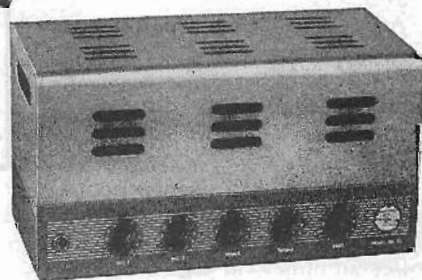
#### AMPLIFIER SPECIFICATIONS for MODEL ME-52

POWER OUTPUT.....52 watts  
PEAK POWER.....64 watts  
GAIN.....Microphone 130DB, Phono 80DB  
CONTROLS.....Five—Two Microphones, Phono, 1-Bass, 1-Treble  
With On-Off Switch  
TUBES.....Nine—1-6SJ7, 2-6SC7, 4-6L6G, 2-5V4G (rectifiers)  
INPUTS.....3—Two Microphones, One Phono  
OUTPUT.....Tapped at 2-4-8-15-500 Ohms  
POWER CONSUMPTION.....215 Watts, 117 Volts, 60 CPS  
HUM LEVEL.....61 DB below 52 Watts  
FREQUENCY RESPONSE.....50 to 10,000 Cycles  $\pm$  2 DB  
DIMENSIONS.....16" x 10" x 10" high

#### PRICE

**ME-52** Amplifier with tubes, with streamline cover..... \$139.50

Shipping Weight 40 lbs.



ME-52

To secure a LOW-IMPEDANCE INPUT for amplifiers, see PAGE B-13

**WEST OF ROCKIES ADD 5% TO ALL LIST PRICES**

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