# ENTERTAINER.

## **Powered Mixing System**

- · Easy transportation
- · Stand-mountable speakers
- · Constant directivity
- · Less than 100 pounds total weight
- · Hassle-free operation
- · Setup/teardown in minutes
- · Superb sound quality

The Electro-Voice Entertainer™ powered mixing system offers the best of both worlds: high performance and a portable, versatile package ready to "plug in and go." Applications abound, from main PA to monitoring, lounge to stage, church to school.

The Entertainer's 100M stereo mixer delivers 100 watts per channel, with 10 inputs providing unparalleled convenience and flexibility. The system's two, stand-mountable 100S speakers offer constant directivity, a feature unique among portable systems. The result: superb and highly efficient sonic reproduction!

Weighing under 100 pounds, the Entertainer is designed for quick setup and even quicker teardown, with the entire system fitting in the trunk of any car. Hassle-free and reliable operation make this all-in-one system perfect for club musicians, school choirs, church groups . . . the list is practically limitless.

The Entertainer: the logical choice and best investment for anyone needing a compact sound system that offers the best of reliability, convenience and superb sonic quality!

### 100M

The 100M powered mixing console delivers 100 watts per stereo channel and has all of the capabilities of a high-quality sound reinforcement console. However, it has been specially designed for the musician or group on the move.

Eight of the input channels have low-, midand high-frequency boost-and-cut capabilities, allowing precision control. Each stereo output channel features its own graphic equalizer.

Peak LED indicators on each channel provide instant notice of clipping or overdriven preamp. Either stereo or mono capability can be selected at the flip of a switch. A practical input panel is angled for easy access and also allows the console to be pushed near a wall when space is at a premium. Phantom power for condenser microphones is also provided.

At only 36 pounds, the 100M is easy to transport; an integrated handle positioned at the unit's center of gravity makes for even easier handling. Pound for pound, spec for spec, the 100M really delivers.





### 100S

The Super-Dome tweeter of the 100S features constant directivity, a concept brought to loudspeaker design by EV. With constant directivity, dispersion of sound is uniform at all critical frequencies. In other words, the sound of the 100S is smooth, clean, and free of the distortion that hampers conventional portable systems.

An optimally vented cabinet design further enhances sound quality by producing a flat, uniform frequency response throughout an 80-to-18,000-Hz range. Highly efficient, the 100S puts out plenty of room-filling sound with only modest power input.

All of this wonderful performance is well protected. The woofer is covered by a tough metal grille. And the tweeter is recessed into the system enclosure, then shielded with both wire mesh and an acoustically transparent foam insert.

Stand-mount fittings integrated into each cabinet allow easy placement on stands; they can also be stacked or permanently mounted. Weighing in at only 28 pounds, and with a durable handle positioned at the speaker's center of gravity, the 100S is versatile, well-balanced and very portable. 100S speakers, when mated with the 100M mixer, form a dynamic duo virtually unbeatable at any price.



Power Output Per Channel:	8 ohms	100 watts, 1 kHz
Minimum Load Impedance:		4 ohms
Input Equalization Points:	Lo Mid Hi	±18 dB at 100 Hz ±12 dB at 3 kHz ±18 dB at 10 kHz
Output Equalization Points:		±12 dB at 63 Hz 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz
Phantom Power Voltage:		up to 48 V dc
Size:		8 in. x 20 in. x 19 in. (h x w x d)
Weight:		36 lb
Power Requirements:		100/120 V ac (switchable), 60 Hz 220/240 V ac (switchable), 50 Hz*

# 100M Technical Specifications

Harmonic Distortion:	Mixer output Amplifier output	less than .02% at +4 dBu less than .02% at 100 watts at 8 ohms, 1 kHz
Signal-to-Noise Ratio:		-100 dB, below full amplifier output, all faders down**
Output Noise Absolute (measured at mixer output)		-72 dBV, all faders at nominal setting, 44 dB gain
Equivalent Input Noise:		-129 dBV measured at preamp output**
Maximum Input Level:	Lo-Z Hi-Z Inputs 9 and 10	+6 dBu/1.5 V rms +26 dBu/19.95 V rms +10 dBu/3.16 V rms
Effects Send Output Level:	Hi Lo	nominal line level nominal instrument, e.g.—guitar, level

- \* 100/120 V ac, 60 Hz operation standard; 220/240, 50 Hz operation must be specified.
- \*\* All noise measurements are made through mike inputs with 150 ohm source, 20-20 kHz noise bandwidth.

# 100S Specifications

Frequency Response:	80-18,000 Hz, +3 dB
Sound Pressure Level:	96 dB (1 meter, 1 watt in)
Crossover:	1,500 Hz
Long-term Power-Handling Capacity:	100 watts
Nominal Impedance:	8 ohms
Inputs and Outputs:	parallel 1/4-inch phone jacks
Dimensions:	24 in. x 15 in. x 81/2 in. (h x w x d)
Weight:	28 lb



Electro-Voice products are guaranteed against malfunction due to defects in materials or workmanship for a specified period, as noted in the individual product-line statement(s) below, or in the individual product-line statement(s) below, or in the individual product data sheet or owner's manual, beginning with the date of original purchase. If such malfunction occurs during the specified period, the product will be repaired or replaced (at our option) without charge. The product will be returned to the customer prepaid. Exclusions and Limitations: The Limited Warranty does not apply to: (a) exterior finish or appearance; (b) certain specific items described in the individual product ine statement(s) below, or in the individual product data sheet or owner's manual; (c) malfunction resulting from use or operation of the product other than as specified in the product data sheet or owner's manual; (d) malfunction resulting from misuse or abuse of the product; or (e) malfunction occurring at any time after repairs have been made to, the product by anyone other than Electro-Voice or any

of its authorized service representatives. Obtaining Warranty Service: To obtain warranty service, a customer must deliver the product, prepaid, to Electro-Voice or any of its authorized service representatives together with proof of purchase of the product in the form of a bill of sale or receipted invoice. A list of authorized service representatives is available from Electro-Voice at 600 Cecil Street, Buchanan, MI 49107 (616/695-6831 or 800/234-6831) and/or Electro-Voice West, at 8234 Doe Avenue, Visalia, CA 93291 (209/651-7777 or 800/825-1242). Incidental and Consequential Damages Excluded: Product repair or replacement and return to the customer are the only remedies provided to the customer. Electro-Voice shall not be liable for any incidental or consequential damages including, without limitation, injury to persons or property or loss of use. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. Other Rights:

also have other rights which vary from state to state.

Electro-Voice Electronics are guaranteed against malfunction due to defects in materials or workmanship for a period of three (3) years from the date of original purchase. Additional defails are included in the Uniform Limited War-

ranty statement.

Electro-Voice Speakers and Speaker Systems are guaranteed against malfunction due to defects in materials or workmanship for a period of five (5) years from the date of original purchase. The Limited Warranty does not apply to burned voice coils or malfunctions such as cone and/or coil damage resulting from improperly designed enclosures. Electro-Voice active electronics associated with the speaker systems are guaranteed for three (3) years from the date of original purchase. Additional details are included in the Uniform Limited Warranty statement.

Service and repair address for this product: Electro-Voice, Inc., 600 Cecil Street, Buchanan, Michigan 49107 (616/695-6831 pr 800/234-6831).

Specifications subject to change without notice.



# Electro-Voice a MARK IV company

600 Cecil Street, Buchanan, Michigan 49107, Phone (616) 695-6831, Fax: (616) 695-1304

8234 Doe Avenue, Visalia, California 93291, Phone (209) 651-7777, Fax (209) 651-0164

Mark IV Audio Canada, Inc., 345 Herbert St., Gananoque, Ontario, Canada K7G 2V1, Phone (613) 382-2141, Fax (613) 382-7466

Mark IV Audio, A.G., Keltenstrasse 5, CH 2563 IPSACH, Switzerland, Phone (011) 41/32-51-68-33, FAX (011) 41/325 11221

Mark IV Audio Japan, Ltd., 2-5-60 Izumi, Suginami-ku, Tokyo, Japan 168, Phone (011) 81/3-3325-7990, Fax (011) 81/3-3325-7789
Mark IV Vertriebs GmbH, Larchenstrasse 99, 6230 Frankfurt/Main 80, Germany, Phone (011) 49/69-380-100, Fax (011) 49-69-386-959

Electro-Voice Pty, Ltd., Unit 24, Block C, Slough Business Park, Slough Ave., Silverwater, N.S.W. 2141, Australia, Phone (011) 61/2-648-3455, Fax (011) 61/2-648-5585 Mark IV Audio Hong Kong, Flat E/F 21/F., 8 Luk Hop St., Luk Hop Industrial Bldg., San Po Kong, Kowloon, Hong Kong, Phone (011) 852/351-3628, Fax (011) 852/351-3329

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