



MC200

Cardioid Dynamic Vocal Microphone

- Electro-Voice neodymium magnet with more power than standard ferric magnets for greater output and better diaphragm control.
- Extended response at the frequency extremes for accurate, life-like sound quality.
- Uniform cardioid pattern for low off-axis coloration and high resistance to feedback.
- Smooth on/off switch positioned on the ergonomically designed handle allows convenient muting control.
- Comes complete with vinyl bag, stand clamp and 19.7 ft (6 m) XLR to XLR cable.

SPECIFICATIONS

Frequency Response,

Close Response:

25 to 15,000 Hz

Far Response:

70 to 15,000 Hz

Polar Pattern:

Cardioid

Open-Circuit Voltage:

2.37 mV/Pa @ 1,000 Hz

Sensitivity:

-53dB (0 dB=1mW/Pa)

Impedance:

300 Ohms bal. (I_o-Z)

Switch:

On/Off

Dimensions,

Length:

7.10 inches (180.3 mm)

Maximum Diameter:

2.0 inches (50.8 mm)

Net Weight:

10.7 ounces (303 g)

Shipping Weight:

28.2 ounces (800 g)

Accessories Included:

Stand clamp

Zippered pouch

19.7 ft (6 m) 2-conductor, shielded broadcast-type cable with XLR-F-type connector at microphone end, XLR-M-type connector at equipment end.

Optional Accessories:

379 windscreens

PLC-25X cable

PLC-25P cable

DESCRIPTION

The Electro-Voice MC200 is a Single-D cardioid dynamic microphone utilizing a revolutionary neodymium alloy to form the EV-exclusive N/DYM® magnet with four times the power potential of conventional microphone magnets. The exceptional sensitivity of the MC200 combined with the inherently low noise of a dynamic transducer insures a superior signal-to-noise ratio ready for video recording and sampling.

For vocal applications where the microphone is used close up, the MC200 exhibits bass boost (proximity effect) that vocalists really like. The high-frequency performance of the MC200 has been especially shaped for clean, clear, open

sound that cuts through background sound. The low-frequency bass boost, with high-frequency response shaping, create a natural sounding microphone.

The directional polar characteristic resists feedback when working close to sound reinforcement speakers and monitors. A built-in blast filter enables close talking or singing without worry of "P-popping" or other excessive breath and sibilant noise. A built-in elastomeric shock mount significantly reduces mechanical noise produced by handling or stand-induced vibration.

OPERATION

The MC200's low-frequency response varies with the distance from the sound source to the microphone. Maximum bass response is produced in close-up use with the microphone 1/4-inch from the sound source. Minimal bass response is experienced at distances greater than 24 inches. By working closer to the microphone, the human voice will sound more robust.

Working the microphone close will also reduce the tendency of feedback of a PA sound system, over and above that provided by the directional polar characteristic alone. When close-talked, the substantial bass boost provides an increase in overall microphone output level. The mixer gain may be proportionately reduced, resulting in a reduction of the system's sensitivity to feedback caused by sound entering the microphone from the distant loudspeakers.

The MC200 is equipped with an on/off switch that shorts the microphone element when set to the off position permitting the user to have local muting control.

FIGURE 1 — Frequency Response

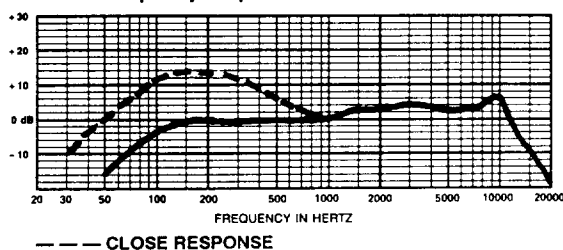
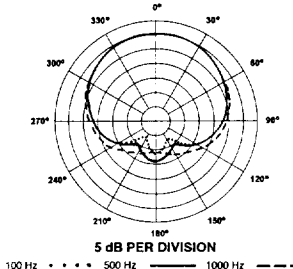


FIGURE 2 — Polars



The dynamic element of the MC200 will provide reliable operation in humidity and temperature extremes—adverse conditions that would render condenser microphones useless. The MC200 will provide years of trouble-free operation.

WARRANTY (Limited) — 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 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-line 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 prod-

uct 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) and/or Electro-Voice West, at 8234 Doe Avenue, Visalia, CA 93291 (209/651-7777). 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: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Electro-Voice Microphones are guaranteed against malfunction from any cause for two (2) years from the date of original purchase. In addition, the Limited Warranty for the acoustic system contained in these microphones shall apply for the life of the product, defined as a period of ten years (10) from the date that the manufacture of the specific microphone has been discontinued. Any and all active electronics incorporated in these microphones are guaranteed against malfunction due to defects in materials or workmanship for a period of three (3) years from date of original purchase. The Limited Warranty does not extend to cables, cable connectors, or switches. Additional details are included in the Limited Warranty statement.

Service and repair of this product: Electro-Voice, Inc., 600 Cecil Street, Buchanan, Michigan 49107.

Specifications subject to change without notice.



ELECTRO-VOICE a MARK IV company 600 Cecil Street, Buchanan, Michigan 49107
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