

**Electro-Voice®**  
a gulton company



## Model PL6

### Dynamic Super-Cardioid Instrument Microphone

#### SPECIFICATIONS

**Element:**

Dynamic

**Frequency Response:**

90-13,000 Hz

**Polar Pattern:**

Super Cardioid

**Impedance:**

Lo-Z, 150 ohms balanced

**Output Level:**

-56 dB

(0 dB = 1 mW/10 dynes/cm<sup>2</sup>)

**Pop Filter:**

Built-in Acoustifoam™

**Grille-Screen Material:**

Memraflex (tempered spring steel)

**Case Material:**

Die-cast zinc

**Finish:**

Non-reflecting gray

**Dimensions:**

165 mm (6.5 in.) long

38 mm (1.5 in.) maximum,

(tapered shank)

**Weight:**

298 g (10.5 oz)

**Accessories Included:**

358 stand clamp

Zippered vinyl carrying case

**Optional Accessories:**

360 windscreen

380 attenuator

541 cable

542 cable

543 cable

544 cable

U.S. Patent Number 3,115,207.

#### DESCRIPTION AND APPLICATIONS

The Electro-Voice Model PL6 is a rugged and reliable dynamic cardioid instrument microphone that provides faithful reproduction of sound regardless of working distance, and yet effectively controls unwanted background noise. Change of bass response with working distance is not a problem with the PL6 because it has the patented EV Variable-D® feature. Plug it in, set the level, and forget it.

Feedback in live entertainment situations is caused by sound being reflected off walls, speaker systems, amps, mixers, etc. back to into the microphone. Microphones and speaker systems that exhibit peaked frequency response curves tend to trigger a feedback situation. Feedback problems can be minimized by using microphone and speaker systems that exhibit an overall smooth, peak-free frequency response. The Pro-Line family of Electro-Voice microphones have an overall smoothness of frequency response that helps significantly to control feedback problems.

Feedback problems can be further minimized by using close miking techniques on all microphones used whether they be instrument microphones or vocal microphones. Close miking techniques help reduce feedback because the microphone's signal to the amplifier is at a maximum in this condition and the amplifier's gain setting can be reduced appreciably. This yields a significant reduction of background and reflected sound to the microphone as compared to the entertainer's voice giving more system sound output before feedback.

#### WARRANTY (Limited)

Electro-Voice Professional, PL & BK Series Microphones (excluding the Model PL88)\* are guaranteed against malfunction from any cause for a period of two years from date of original purchase. Also, these microphones (excluding the Model PL88)\* are guaranteed without time limit against malfunction in the acoustic system due to defects in workmanship and material. Any active electronics incorporated in the microphone are guaranteed for three years from date of original purchase for parts and labor against such malfunction. If such malfunction occurs, microphone will be repaired or replaced (at our option) without charge for materials or labor if delivered prepaid to the proper Electro-Voice service facility. Unit will be returned prepaid. Warranty does not extend to finish, appearance items, cables, cable connectors, switches, or malfunction due to abuse or operation under other than specified conditions, nor does it extend to incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. Repair by other than Electro-Voice or its authorized warranty service agencies will void this guarantee. A list of authorized warranty service centers is available from Electro-Voice, Inc., 600 Cecil Street, Buchanan, MI 49107 (AC/616-695-6831); Electro-Voice, Inc., 3810 148th Avenue, N.E., Redmond, WA 98052 (AC/206-881-9555) and/or Electro-Voice West, 8234 Doe Avenue, Visalia, CA 93291 (AC/209-651-7777). This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

\*The Model PL88 is guaranteed for two years from date of original purchase against malfunction due to defects in workmanship and materials.

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

Specifications subject to change without notice.

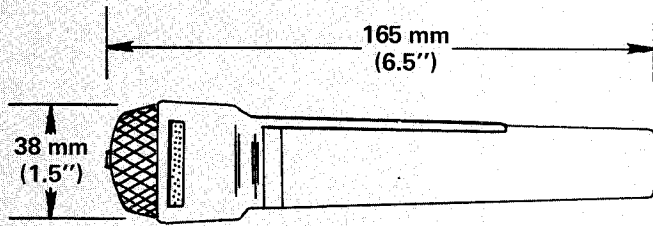


FIGURE 1 – Dimensions

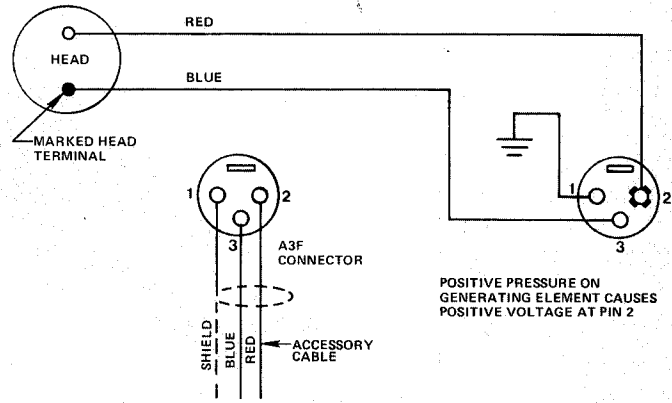


FIGURE 2 – Wiring Diagram

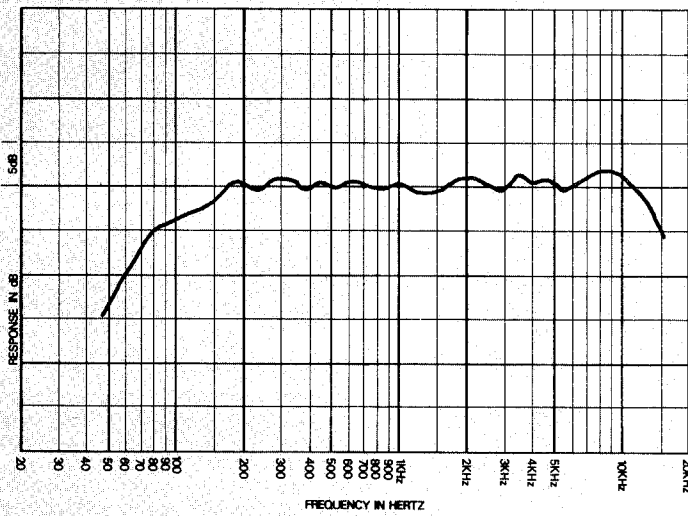


FIGURE 3 – Frequency Response

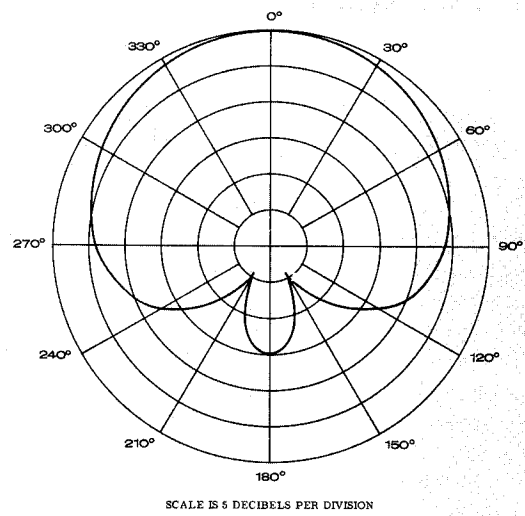


FIGURE 4 – Polar Response

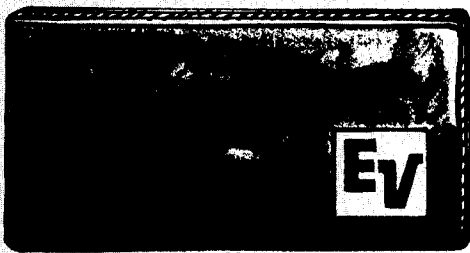


FIGURE 5 – Zippered Vinyl Carrying Bag

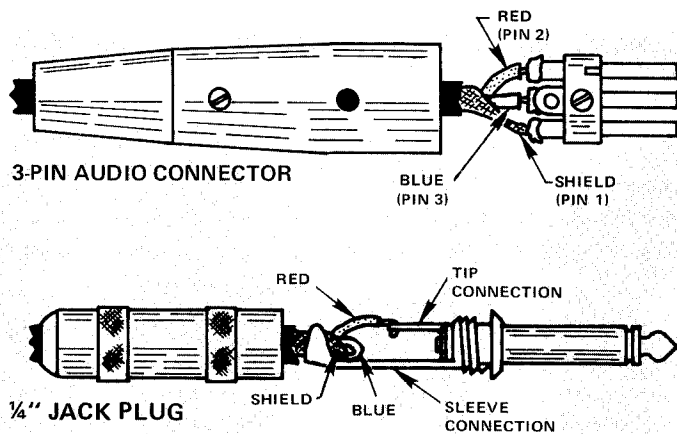


FIGURE 6 – 3-Pin Connector & 1/4" Jack Plug Wiring Connections



**ELECTRO-VOICE, INC., 600 Cecil Street, Buchanan, Michigan 49107**

MANUFACTURING PLANTS AT ■ BUCHANAN, MI ■ NEWPORT, TN ■ SEVIERVILLE, TN ■ REDMOND, WA ■ GANANOQUE, ONT

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Part Number 53380-536

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