

**Electro-Voice®**  
a gulton company



## Model PL95 Dynamic Cardioid Vocal Microphone

### SPECIFICATIONS

**Element:**  
Dynamic

**Frequency Response:**  
60 to 17,000 Hz

**Polar Pattern:**  
Cardioid

**Impedance:**  
Lo-Z, 150 ohms balanced

**Output Level:**  
-60 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:**  
Steel

**Finish:**  
Non-reflecting gray

**Dimensions:**  
184 mm (7.25") long,  
48 mm (1.88") maximum diameter,  
19 mm (.75") shank diameter

**Net Weight:**  
261 g (9.2 ounces)

**Accessories Included:**  
310 stand clamp  
Zippered vinyl carrying case

**Optional Accessories:**  
312 clamp  
380 attenuator  
541 cable  
542 cable  
543 cable  
544 cable

### DESCRIPTION AND APPLICATIONS

The Electro-Voice Model PL95 is the best dynamic cardioid vocal mike E-V makes. Not only does it have a superb appearance, it also has superb performance and it is typically E-V rugged. It is the best dynamic you can buy to control those unwanted feedback problems you so often encounter. It has the bass boost you want when used close up. Handling noise and cable noise is successfully minimized by a very sophisticated shock suspension system.

Feedback in live entertainment situations is caused by sound being reflected off walls, speaker systems, amps, mixers, etc. back 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)** — All Electro-Voice PL Microphones are guaranteed for one year from date of original purchase against defects in workmanship and materials. 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 cover finish or malfunction due to abuse or operation at other than specified conditions. Repair by other than Electro-Voice or its authorized service agencies will void this guarantee.

For repair information and service locations, please write: Service Department, Electro-Voice, Inc., 600 Cecil Street, Buchanan, Michigan 49107 (Phone 616/695-6831) or 7473 Avenue 304, Visalia, CA 93277 (209/625-1330,-1).

Electro-Voice also maintains complete facilities for non-warranty service of E-V products.

Specifications subject to change without notice.

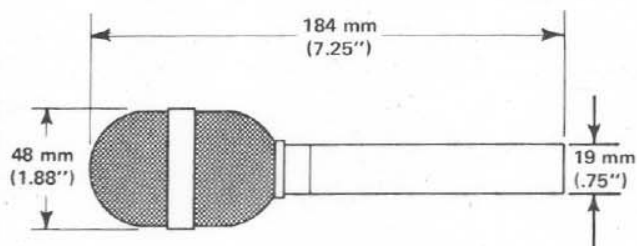


FIGURE 1 - Dimensions

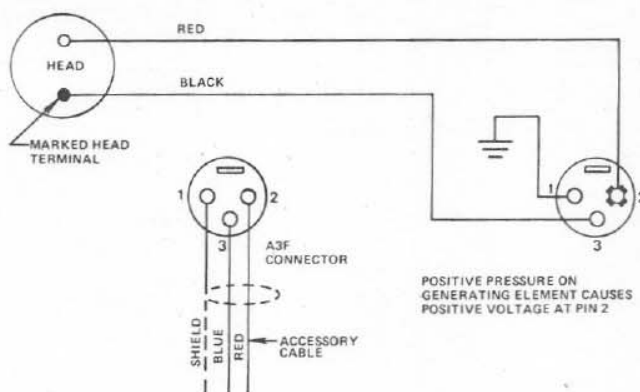


FIGURE 2 - Wiring Diagram

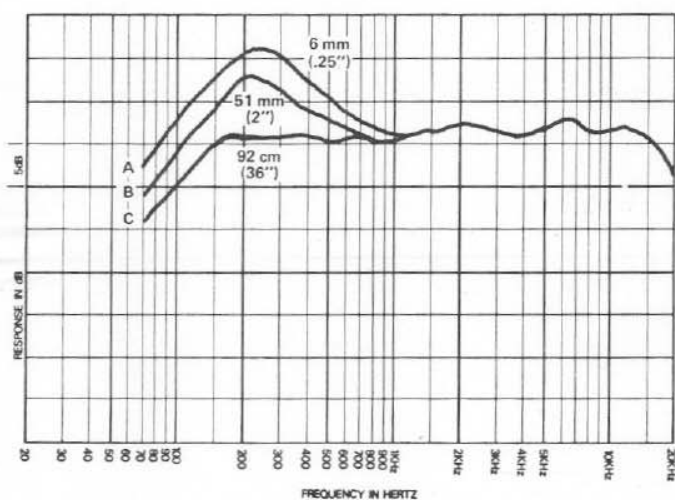


FIGURE 3 - Frequency Response

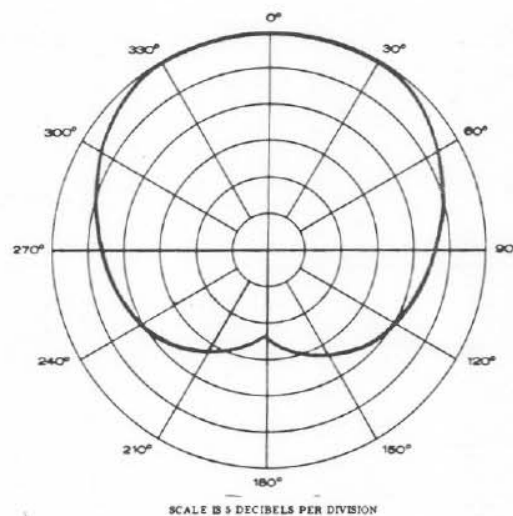


FIGURE 4 - Polar Response

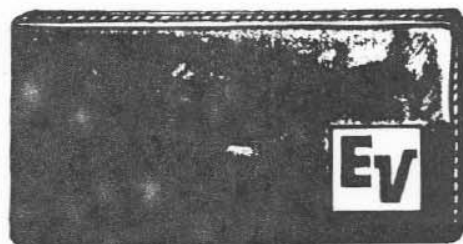


FIGURE 5 - Zippered Vinyl Carrying Bag

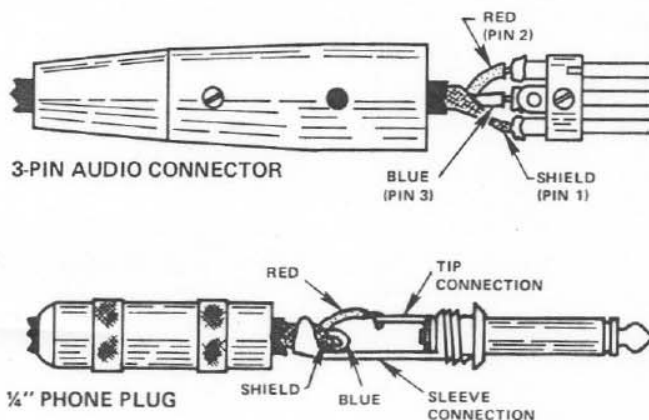


FIGURE 6 - 3-Pin Connector & 1/4" Phone Plug Wiring Connections