

**Electro-Voice®**  
a gulton company

## Model 634A Dynamic Microphone

### SPECIFICATIONS

**Generating Element:**  
Moving coil dynamic

**Frequency Response:**  
70–10,000 Hz

**Polar Pattern:**  
Omnidirectional

**Impedance:**  
150 ohms or Hi-Z  
(specify on order)

**Output Level,**  
**Hi-Z:**  
–57 dB  
(0 dB = 1 volt/dyne/cm<sup>2</sup>)  
**150 ohms:**  
–57 dB  
(0 dB = 1 mW/10 dyne/cm<sup>2</sup>)

**Diaphragm:**  
E-V Acoustalloy®

**EIA Sensitivity,**  
**Hi-Z:**  
–153 dB  
**150 ohms:**  
–151 dB

**Case Material:**  
Chrome plated die-cast zinc  
and gray, high impact Cylolac

**Dimensions:**  
See Figure 1

**Mounting:**  
5/8" –27 thread

**Switch:**  
None

**Cable,**  
**Hi-Z:**  
6' single conductor  
shielded rubber-jacketed  
**150 ohms:**  
6' two-conductor  
shielded rubber-jacketed

### DESCRIPTION AND APPLICATIONS

A unique, modern general purpose microphone, the Model 634A constitutes a fresh, new approach to microphone design. Advanced engineering and production techniques have resulted in a microphone exhibiting extended frequency response and high output level combined with attractive styling and

extreme ruggedness, and all at very moderate cost. This combination of features makes this microphone ideal for public address, amateur and commercial communications, paging systems, and electronic teaching aids.

The 634A is durably constructed of die-cast zinc and high impact Cylolac. Standard female 5/8" –27 threads are provided for convenient attachment to standard boom or gooseneck with complete concealment of cable. Designed for desk mounting in electronic teaching aids, communications, and paging systems where an integral switch is not required. Equipped with a 6-foot cable.

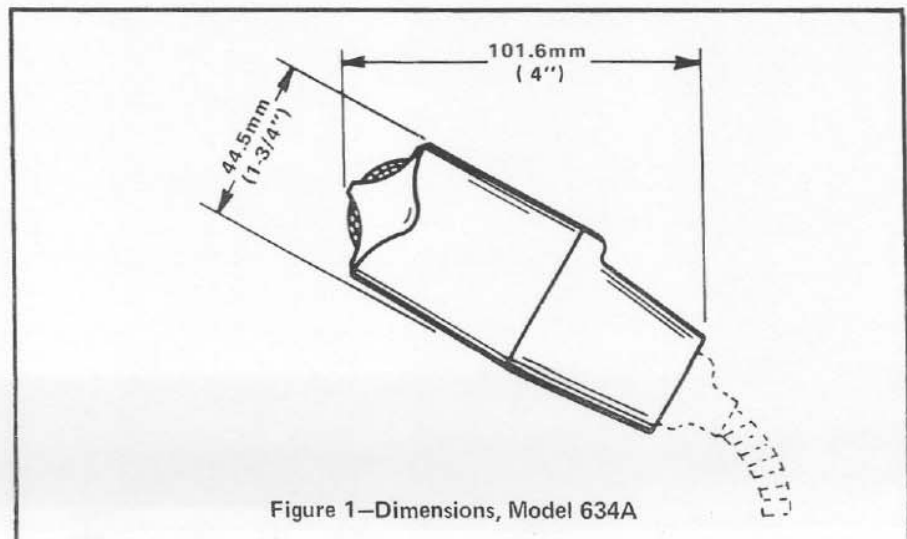


Figure 1—Dimensions, Model 634A

**ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**

The microphone shall be an Electro-Voice Model 634A or equivalent. The microphone shall be a pressure, dynamic type with uniform frequency response from 70 to 10,000 Hz. The diaphragm shall be of non-metallic Acoustalloy®. The microphone output shall be (specify 150 ohms or Hi-Z) impedance. Output level shall be -57 dB with 0 dB equaling (specify 1 volt/dyne/cm<sup>2</sup> at high impedance, or 1 mW/10 dynes/cm<sup>2</sup> at 150 ohms). EIA sensitivity rating shall be (specify -153 dB at high impedance, or -151 dB at 150 ohms). The case shall be of high pressure die-cast zinc with satin chrome finish and gray, high impact Cylolac. A 6-foot cable (specify single conductor

for Hi-Z, or two-conductor for Lo-Z), shielded, synthetic rubber-jacketed shall be provided. The microphone shall include 5/8" -27 mounting threads and shall permit complete concealment of cable when mounted.

**WARRANTY (Limited)**

Electro-Voice General Purpose Microphones are guaranteed for the life of the microphone against malfunction due to 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, appearance items, cables,

cable connectors, or switches and does not cover 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 correct shipping address, instructions on return of Electro-Voice products for repair, and locations of authorized service agencies, please write: Service Department, Electro-Voice, Inc., 600 Cecil Street, Buchanan, Michigan 49107 (Phone 616/695-6831).

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

