

**DESCRIPTION AND APPLICATIONS**

The E-V model 635A is a dynamic, omnidirectional microphone designed for exacting professional applications, and is ideally suited for film production, recording, FM, AM, and TV broadcasting, and for the more demanding PA applications.

The model 635A is supplied with the model 310 stand clamp adapter. The non-reflecting matte satin nickel finish is ideal for "on camera" use. The high output level and extremely low sensitivity to mechanical shock make it excellent for interviews, for pass around use in audience participation, for hand-held use by vocalists, or as a lavalier.

This microphone features the exclusive non-metallic Electro-Voice Acoustalloy® diaphragm which permits very smooth response over a wide frequency range, and withstands high humidity and temperature extremes, corrosive effects of salt air, and severe mechanical shocks. It is practically indestructible with normal use.

A four-stage pop and dust filter insures completely pop-free performance, and virtually eliminates the need for an external windscreen for outdoor use.

Internal shock absorber greatly reduces pickup of cable and other noise generated by external contact.

WARRANTY

The Model 635A, like all E-V professional microphones, is guaranteed unconditionally against malfunction for two years from date of purchase. Within this period, Electro-Voice will repair or replace, at no charge, any 635A exhibiting any malfunction, regardless of cause, including accidental abuse. In addition, the model 635A is guaranteed for life against defects in the original workmanship and materials.

SPECIFICATIONS

Element:	Dynamic
Frequency response:	80 - 13,000 Hz
Polar Pattern:	Omnidirectional
Impedance:	Low (150 ohms)
Output level:	-55 db (0 db = 1 mw/10 dynes/cm ²)
EIA sensitivity rating:	-149 db
Diaphragm:	Electro-Voice Acoustalloy®
Case material:	Steel
Dimensions:	5-15/16" l. x 1-13/32" dia.
Finish:	Non-reflecting matte satin nickel
Net weight:	6 ounces, without cable
Switch:	None
Cable:	18' 2-conductor shielded broadcast type, synthetic rubber-jacketed
Cable connector:	Cannon XLR-3-12
Accessories:	Lavalier neck cord assembly and 310 clamp furnished.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The microphone shall be an Electro-Voice model 635A or equivalent. The microphone shall be an omnidirectional dynamic type with wide-range response uniform from 80 to 13,000 Hz. It shall have a non-metallic Acoustalloy diaphragm and a four-stage pop filter and magnetic shield to prevent dust and magnetic particles from reaching the diaphragm. The impedance shall be such that the microphone will match 50, 150, and 250 ohm inputs. The line shall be balanced to ground and phased.

The output level shall be -55 db with 0 db equalling 1 mw/10 dynes/cm². EIA sensitivity rating shall be -149 db. The magnetic circuit shall be a non-welded circuit and employ Alnico V and Armco magnetic iron. The case shall be made of steel.

The microphone shall have a maximum diameter of 1-13/32 inches, and a length of 5-15/16 inches, and a weight, without cable, of 6 ounces. Finish shall be non-reflecting matte satin nickel. An 18-foot, 2-conductor, shielded, neoprene rubber-jacketed, broadcast type cable shall be provided. The microphone shall have a built-in connector similar or equivalent to the Cannon Model XLR-3-12. The microphone shall include a stand coupler with a 5/8" -27 thread. The Electro-Voice model 635A is specified.

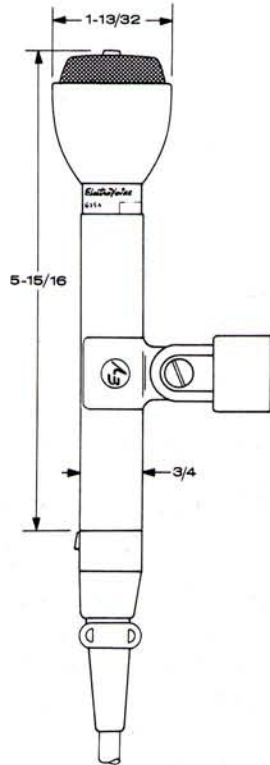


Figure 1 - Dimensions

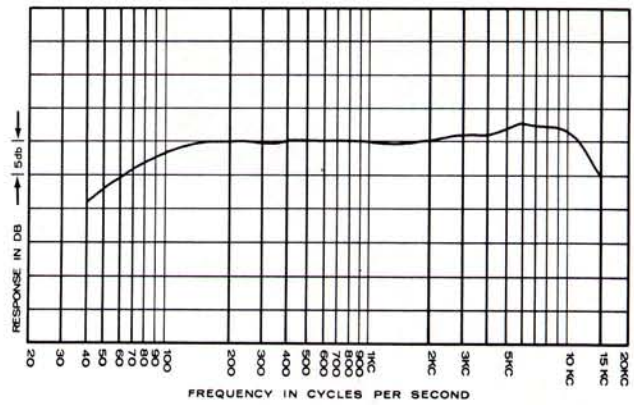


Figure 2 - Response Curve

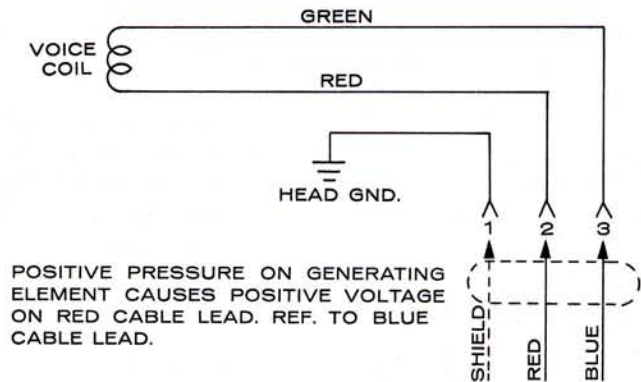


Figure 3 - Wiring Diagram