



## SPECIFICATIONS

Type:	Dynamic
Frequency Response:	See Figure 2
Impedance:	Matches all low impedance 50 through 250 ohms. Line balanced to ground and phased
Output Level	
Low Impedance:	-61 db (0 db = 1 mw/10 dynes/cm <sup>2</sup> )
EIA Sensitivity Rating:	-155 db
Polar Pattern:	Omnidirectional (See Figure 3)
Diaphragm:	Acoustalloy®
Magnetic Circuit:	Employs Alnico V and Armco magnetic iron in a nonwelded circuit
Case:	High tensile, lathe-turned aluminum
Finish:	Non-reflecting gray
Dimensions	
Diameter:	3/4 inch
Length:	2-1/4 inch (See Figure 1)
Net Weight:	31 grams, less cable and neck cord assembly
Cable:	30-foot, two conductor, shielded, brown synthetic rubber jacketed cable
Cable Connector:	No connector at microphone terminal
Standard Accessories:	Neck cord assembly, belt clip, stand adapter, and protective suede pouch

## WARRANTY

The model 649B, like all Electro-Voice 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 649B microphone exhibiting malfunction, regardless of cause, including accidental abuse. In addition, all Electro-Voice microphones are warranted without time limit against defects in workmanship and materials.

## DESCRIPTION AND APPLICATIONS

The Electro-Voice model 649B miniature lavalier microphone is the smallest, lightest-weight, wide-range, dynamic microphone manufactured today. Originally created for TV, this miniature microphone can be held in the hand, mounted on a stand, or hung on a neck cord leaving hands of the announcer or performer free. It is excellent for audience participation, man-in-the-street interviews, panel shows . . . wherever microphone concealment, individual mobility, or free movement of the hands is desired. No closely associated auxiliary equipment is required.

The model 649B features the exclusive Electro-Voice Acoustalloy® diaphragm. This nonmetallic diaphragm withstands high humidity, temperature extremes, corrosive effects of salt air, and severe mechanical shocks. It is practically indestructible with normal use.

The 649B is equipped with three specially designed accessories intended to increase the usefulness and mounting convenience of the microphone - a newly designed lavalier cord assembly, a belt clip, and a stand mounting adapter. The lavalier cord assembly is supplied attached to the microphone, ready for use. Note that the flexible plastic cord adapter may be removed from the microphone, if desired, by firmly pulling it over the front of the microphone. Alternately, it may be pushed free of the microphone and allowed to slide down the cable, the neck cord being retained separately for future use. In this case, the cord adapter will be retained permanently and cannot be lost since it cannot escape from either end of the cable. (In the event the cord is misplaced, an ordinary shoestring may be employed after simply tying a knot in each end.)