



FEATURES

- High intelligibility
- Extreme dependability
- Reliable switch with positive detent
- Rubber-jacketed coiled cord
- Inhibited against salt air
- Comfortable to hold

DESCRIPTION AND APPLICATIONS

The model 600E is a handheld dynamic microphone, designed for high articulation speech transmission in normal ambient noise. The frequency response is smooth throughout the speech transmission band. Typical applications include mobile public address systems, police and marine services, commercial and amateur communications, and paging. Designed for comfortable, convenient use in either hand, the 600E is completely new, from the clean fresh styling and durable Cyclocac housing on the outside, to the up-to-the-minute dynamic head design on the inside. The generous, non-slip switch button is coupled to an extremely reliable leaf switch capable of 250,000 operations. Positive detent switching action is provided.

The model 600ES is similar to the 600E but is equipped with an off-on switch which does not short the microphone line in the off position. This feature permits its use in large paging installations where a number of microphones must be wired in parallel. The 600ES is furnished in low impedance only. All other specifications are identical to those of the model 600E.

SPECIFICATIONS

	600E	600ES
Element:	dynamic	dynamic
Frequency response:	100-7000 cps	100-7000 cps
Output level		
150 ohms*:	-55 db	-55 db
Hi-Z**:	-55 db	
* 0 db = 1 mw/10 dynes/cm ²		
** 0 db = 1 volt/dyne/cm ²		

Polar pattern:	omnidirectional	
EIA sensitivity rating		
150 ohms:	-148 db	-148 db
Hi-Z:	-151 db	
Diaphragm:	Electro-Voice Acoustalloy®	
Case material:	High impact Cyclocac	
Dimensions:	3-7/8" h. x 2-11/16" w. x 1-25/32" deep	
Finish:	Communications gray	
Net weight:	10 ounces, with cable	
Switch:		
600E:	On-Off, positive detent action switch short circuits microphone in "off" position. Switch contacts and cable leads provided for relay operation	
600ES:	On-Off, positive detent action switch. Microphone line is not short-circuited in "off" position. Switch contacts and cable leads provided for relay operation.	
Cable:		
150 ohms:	4-conductor, (2 shielded), rubber jacketed, black coiled cord extendible to 6 feet.	
Hi-Z:	3-conductor, (1 shielded), rubber jacketed, black coiled cord extendible to 6 feet.	
Accessories:	Panel mounting bracket included	

WARRANTY

Electro-Voice models 600E and 600ES microphones are guaranteed against defects in workmanship and materials

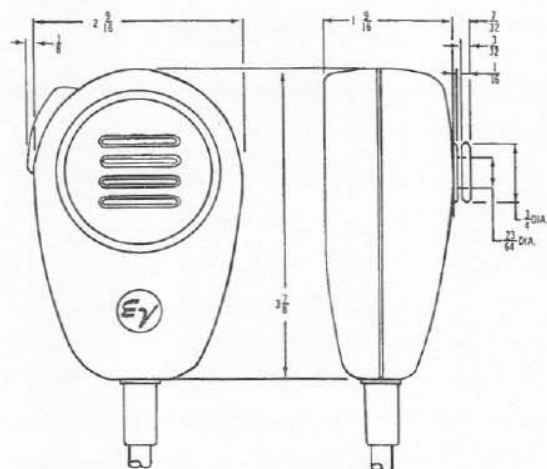


Figure 1- Dimensional drawing

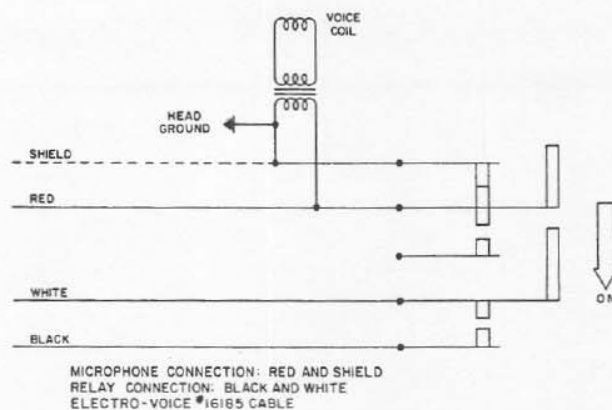


Figure 3- Wiring diagram 600E, High impedance

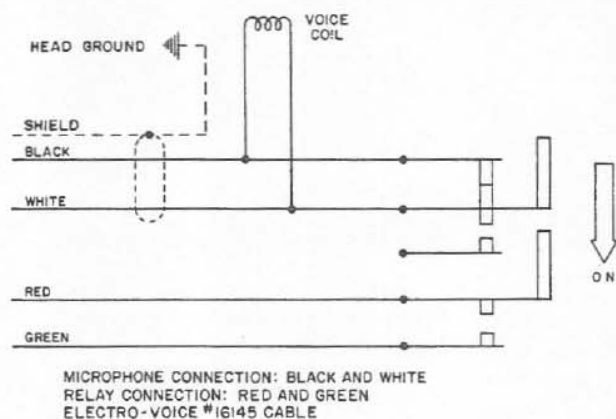


Figure 2- Wiring diagram 600E, 150 ohms

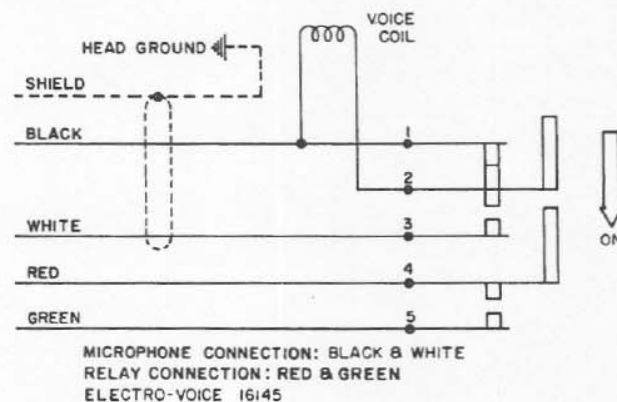


Figure 4- Wiring diagram 600ES, 150 ohms