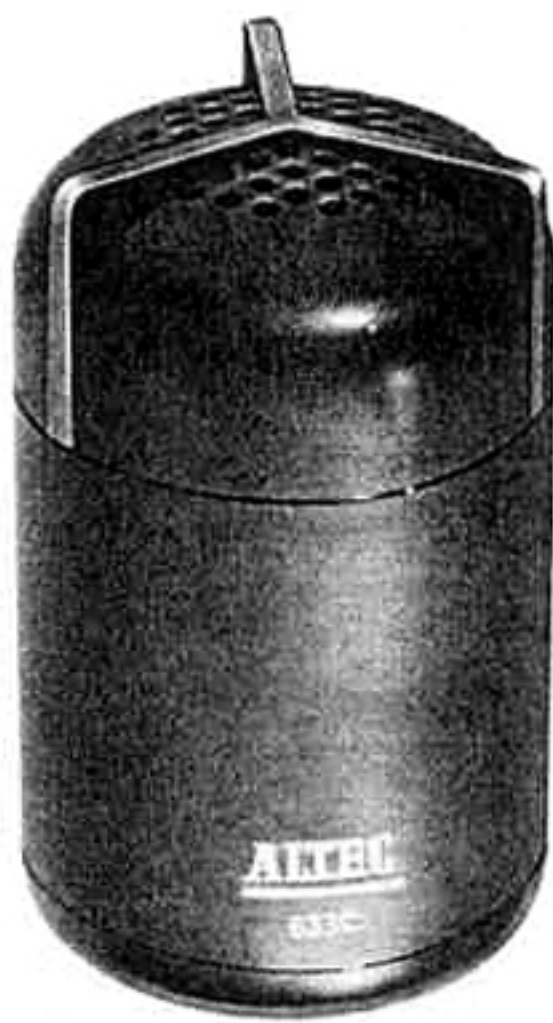


## OPERATING INSTRUCTIONS



### SPECIFICATIONS

	632C	633A/C
<b>Type:</b>	Moving Coil Dynamic	Moving Coil Dynamic
<b>Frequency Response:</b>	100 to 10,000 cycles	35 to 12,000 cycles
<b>Output Impedance:</b>	30/50 ohms	633A — 30/50 ohms 633C — 30/50, 150/250 ohms (selectable)
<b>Output Level:</b>	-55 dbm/10 dynes/cm <sup>2</sup>	-55 dbm/10 dynes/cm <sup>2</sup>
<b>Dimensions:</b>	2 1/8" long, 2" diameter	3 1/2" long, 2" diameter
<b>Weight:</b>	8 1/4 ozs	633A — 10 ozs., 633C — 13 ozs
<b>Finish:</b>	Instrument Gray	Instrument Gray
<b>Mounting:</b>	5/8"-24 thread	5/8"-24 thread
<b>Accessories:</b>	See "Microphone Accessories" sheet for desk or floor stands, on-off switches, adapters and other microphone accessories.	

### IMPEDANCE SELECTION AND CONNECTION

#### 632C and 633A Microphones

The 632C and 633A Dynamic Microphones are single impedance microphones. The impedance is 30/50 ohms. Located on the bottom plate (Figure 1) are three terminals. Terminal number one is the common terminal. Terminal number two is the hot or positive side of the microphone. Terminal G is ground for use with a balanced system. The 632C comes with two yellow leads connected to terminals one and two. To connect the microphone to an unbalanced line, connect terminals one and G together.

#### 633C Microphone

The 633C Dynamic Microphone is a dual (selectable) impedance microphone. The two impedances are 30/50 ohms and 150/250 ohms. For selection of 30/50 ohms (Figure 2), connect the terminal marked 30-50 to the hot or positive side of the audio cable. Connect the common lead to the terminal marked 0. For connection of the 150/250 ohm side of the microphone (Figure 3), connect the hot or positive side of the audio cable to the terminal marked 150-250 and the common lead to the terminal marked 0. If an unbalanced line is required, connect terminals G and 0 together.

