



The Electro-Voice Model 654A is a dynamic, omnidirectional type microphone designed for professional use, FM, AM, and TV broadcasting, studio remote, PA, and recording. Its slim design is made possible without the necessity for closely associated auxiliary equipment. Wide frequency response, broad pickup range, and light weight make it ideal for TV staging and for pass-around use in audience participation. Used with the convenient accessory neckcord, the 654A is ideal for lavalier use. This microphone can be worked from any direction with only negligible frequency discrimination.

The Model 654A is supplied with lavalier neckcord and the Model 300 stand adaptor; thus, it can be used with equal convenience in the hand, on a stand, or as a lavalier.

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

The case of the Model 654A is extruded aluminum, reinforced at the connector end by a steel insert. This rugged construction makes possible dependable operation under all conceivable operating conditions. The microphone is finished in nonreflecting grey.

FEATURES

- Versatile—use in hand, on stand, or as lavalier
- Rugged—for use under any operating conditions
- Professional Quality—smooth response, from 50 to 15,000 cps

SPECIFICATIONS

Type: Dynamic
Frequency Response: Uniform from 50 to 15,000 cps
Polar Pattern: Omnidirectional, becoming slightly directional with increase in frequency
Output Level: -57 db;
0 db equals 1 mw/10 dynes/cm²
EIA Sensitivity Rating: -151 db
Impedance: Matches all low impedances, 50 through 250 ohms.
Line Balanced to ground and phased
Diaphragm: Electro-Voice Acoustalloy® protected by magnetic shield
Magnetic Circuit: Alnico V magnet in a non-welded circuit
Cable Connector: Cannon XLR-3-11
Finish: Non-reflecting grey
Case Material: Extruded Aluminum
Dimensions: 6-15/16" x 1-1/8" dia.
Net Weight: 7 oz., less cable
Cable: 18 ft., 3-conductor shielded, synthetic rubber jacketed, broadcast type
Standard Accessories: Model 300 stand clamp (Adapts to 1/2" or 5/8" -27 pipe thread) lavalier neckcord.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The microphone shall be an omnidirectional, dynamic type with uniform response from 50 to 15,000 cps. The diaphragm shall have a magnetic shield to prevent dirt and magnetic particles from reaching the diaphragm. The microphone shall match all standard low im-

pedances, 50 through 250 ohms. Line shall be balanced to ground and phased.

The output level shall be -57 db with 0 db equalizing 1 mw/10 dynes/cm². EIA sensitivity rating shall be -151 db. The magnetic circuit shall be non-welded and shall employ an Alnico V magnet.

The case shall be extruded aluminum. The microphone shall have a diameter of 1-1/8", a length of 6-15/16", and a net weight of 7 ounces, less cable. Finish shall be non-reflecting grey. An 18-ft., three-conductor, shielded, synthetic rubber jacketed broadcast-type cable shall be provided. Built-in cable connector shall be a Cannon XLR-3-11 or equivalent.

The microphone shall be equipped with a stand clamp with 1/2" pipe thread, a 5/8" -27 thread adaptor, and a lavalier neckcord.

Electro-Voice Model 654A is specified.

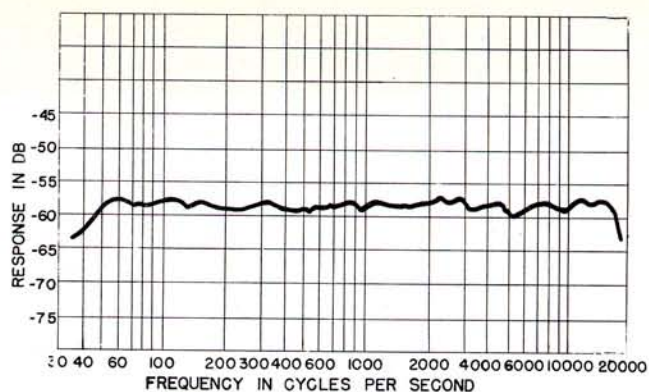


Figure 2

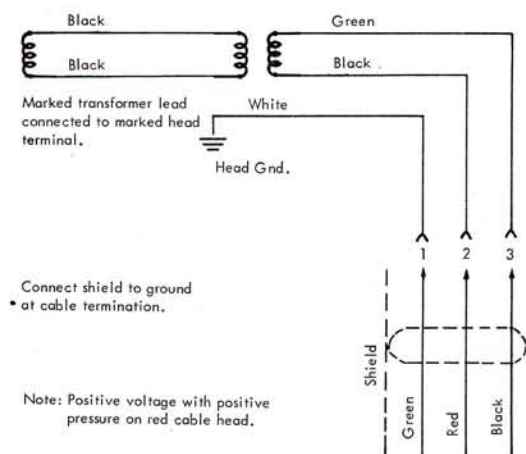


Figure 1

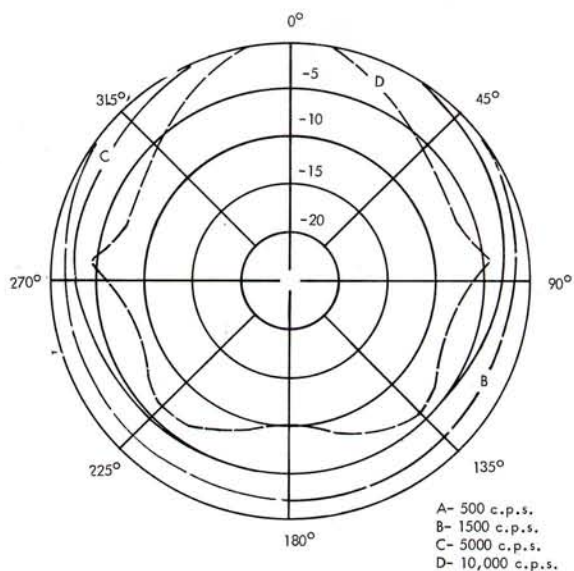


Figure 3

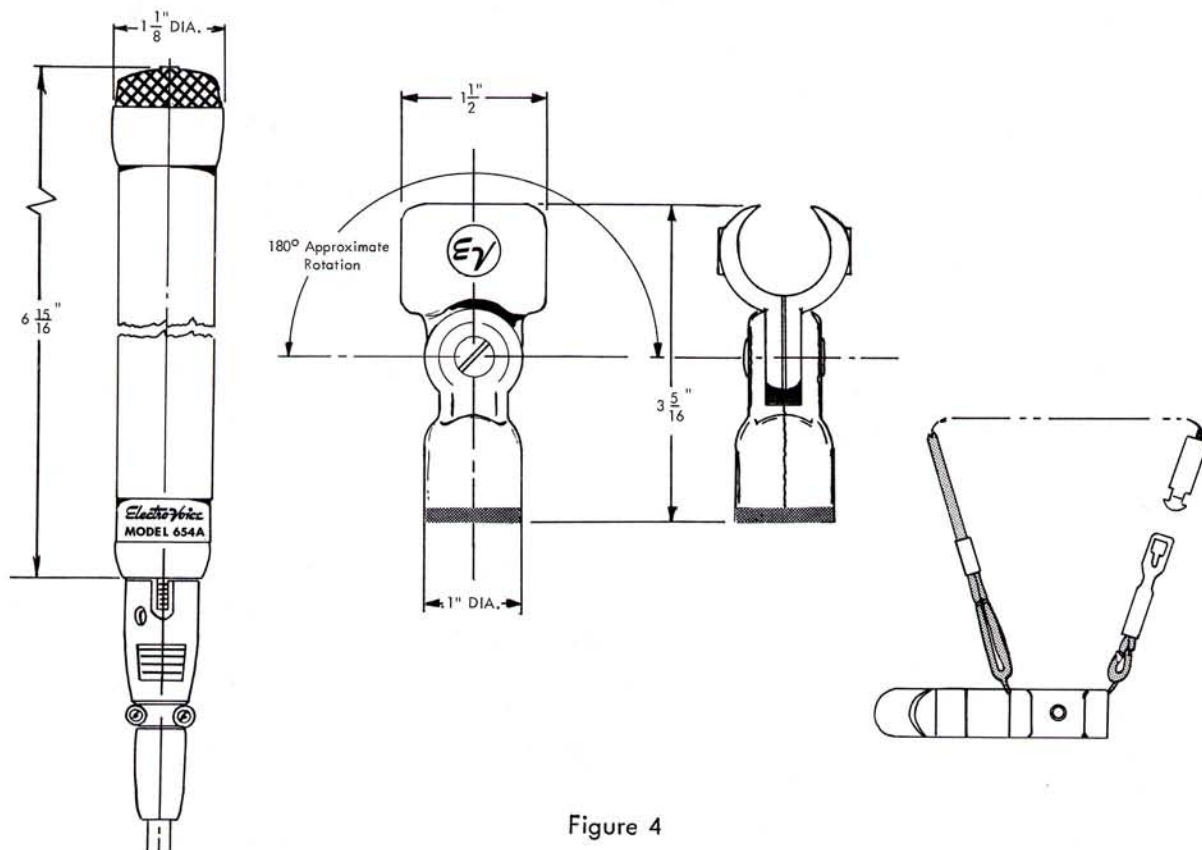


Figure 4