



**Electro-Voice®**

a MARK IV company

**Models  
635A  
635A/B  
Dynamic  
Omnidirectional  
Microphone**

**SPECIFICATIONS**

**Element:**

Dynamic

**Frequency Response:**

80-13,000 Hz

**Polar Pattern:**

Omnidirectional

**Impedance:**

Low (150 ohms)

**Output Level:**

-55 dB

(0 dB = 1 mW/pascal)

**Case Material:**

Steel

**Dimensions:**

151 mm (5.94 in.) long,

36 mm (1.41 in.) diameter

**Finish:**

635A/B Semi-gloss black

635A Fawn beige

**Accessories Included:**

Model 311 stand adapter—not included in six pack

4.6 m (15 ft), 2-conductor shielded broadcast type synthetic rubber—jacketed with Switchcraft A3F connector.

**Optional Accessories:**

307 shock mount

313 stand clamp

314E windscreen

340 security clamp

342 security stud mount

**Net Weight:**

170 grams (6 oz.)

**Shipping Weight:**

635A/B: 454 grams (16 oz.)

635A/B Six Pack: 1.64 Kg. (58 oz.)

**Package Size:**

**635A & 635A/B:**

133.4 mm (5.25 in.) wide,

76.2 mm (3.0 in.) high,

241.3 mm (9.5 in.) long

**635A & 635A/B Six Pack:**

355.6 mm (14 in.) wide,

215.9 mm (8.5 in.) high,

152.4 mm (6 in.) long

**DESCRIPTION AND APPLICATIONS**

The Electro-Voice 635A and 635A/B are designed for exacting professional applications such as film production, recording, FM, AM, and TV broadcasting and the more demanding PA applications.

The 635A and 635A/B may be purchased in packages of six. These "six packs" do not include the stand adapter or cable.

The high output level, and low sensitivity to mechanical shock, make the 635A and 635A/B excellent for interviews and for pass-around use in audiences.

The 635A and 635A/B feature a diaphragm which permits very smooth response over a wide frequency range. The diaphragm withstands 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 a completely pop-free performance and virtually eliminates an external windscreen for outdoor use.

An internal shock absorber effectively reduces the pickup of cable and other noise generated by external contact.

**ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**

The microphone shall be an Electro-Voice Model 635A or 635A/B. The microphone shall be an omnidirectional dynamic type with wide

range response uniform from 80 to 13,000 Hz. It shall have 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 equaling 1 mW/pascal. The magnetic circuit shall be a non-welded circuit and employ Alnico V and magnetic iron. The case shall be made of steel.

The microphone shall have a maximum diameter of 36 mm (1.41 in.), a length of 151 mm (5.94 in.) and a weight of 170 grams (6 oz.). The microphone shall have a built-in connector similar or equivalent to the Switchcraft A3M.

The Electro-Voice Model 635A and 635A/B are specified.

**WARRANTY (Limited)**

Electro-Voice products are guaranteed against malfunction due to defects in materials or workmanship for a specified period, as noted in the individual product-line statement(s) below, or in the individual product data sheet or owner's manual, beginning with the date of original purchase. If such malfunction occurs during the specified period, the product will be repaired or replaced (at our option) without charge. The product will be returned to the customer prepaid. **Exclusions and Limitations:** The Limited Warranty does not apply to: (a) exterior finish or appearance; (b) certain specific items described in the individual product-line statement(s) below, or in the individual product data sheet or owner's

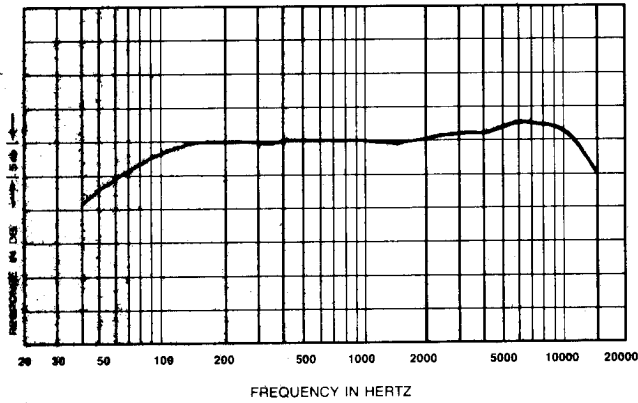


FIGURE 1 - Response Curve

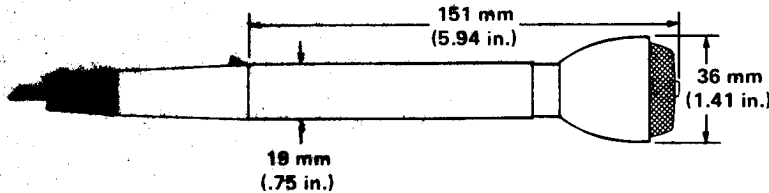


FIGURE 2 - Dimensions

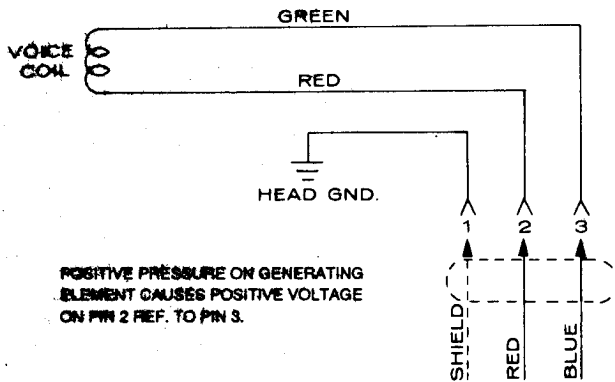


FIGURE 3 - Wiring Diagram

**WARRANTY (Limited)**

(continued)

manual; (c) malfunction resulting from use or operation of the product other than as specified in the product data sheet or owner's manual; (d) malfunction resulting from misuse or abuse of the product; or (e) malfunction occurring at any time after repairs have been made to the product by anyone other than Electro-Voice or any of its authorized service representatives. **Obtaining Warranty**

**Service:** To obtain warranty service, a customer must deliver the product, prepaid, to Electro-Voice or any of its authorized service representatives together with proof of purchase of the product in the form of a bill of sale or receipted invoice. A list of authorized service representatives is available from Electro-Voice at 600 Cecil Street, Buchanan, MI 49107 (616/695-6831) and/or Electro-Voice West, at 8234 Doe Avenue, Visalia, CA 93291 (209/651-7777). **Incidental and Consequential Damages Excluded:** Product repair or replacement and return to the customer are only remedies provided to the customer. Electro-Voice shall not be liable for any incidental or consequential damages including, without limitation, injury to persons or property or loss of use. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. **Other Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Electro-Voice N/D, PL, BK, and Professional Microphones** are guaranteed against malfunction from any cause for two (2) years from the date of original purchase. In addition, the Limited Warranty for the acoustic system contained in these microphones shall apply for the life of the product, defined as a period of ten (10) years from the date that the manufacture of the specific microphone has been discontinued. Any and all active electronics incorporated in these microphones are guaranteed against malfunction due to defects in materials or workmanship for a period of three (3) years from the date of original purchase. The Limited Warranty does not extend to cables, cable connectors, or switches. Additional details are included in the Uniform Limited Warranty statement.



**ELECTRO-VOICE, INC., 600 Cecil Street, Buchanan, Michigan 49107**

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