

Electro-Voice®



UNIVERSITY SOUND — Models US660/660A/664A
Microphones

US660 US660A US664A

Dynamic Supercardioid Microphone

- Variable-D®
- Rugged design
- US664A features on/off switch and integral stand mounting

Description

The Electro-Voice Models US660/US660A and US664A are rugged, supercardioid, dynamic microphones designed to provide reliable service in the many situations that directional microphones are required.

As a supercardioid, the US660/US660A and US664A provide maximum rejection at 150° rather than the 180° of a cardioid. This assures greatest rejection in the horizontal plane when the microphone is tilted in its most natural position, 30° from the horizontal (as on a desk or floor stand).

The US660/US660A and US664A use the mechanical nesting concept of design providing a nearly solid mechanical structure that is highly resistant to damage from shock. The case is made of pressure-cast zinc with chrome plating. The US660A is identical to the US660 except the finish is non-reflecting blue/black.

Architects' and Engineers' Specifications

The microphone shall be a supercardioid dynamic type with uniform frequency response from 90-13,000 Hz. The microphone low impedance output level shall be -56 dB (dB = 1 mW/10 dynes/cm²) balanced with an output impedance of 150 ohms.

The case shall be made of pressure-cast zinc. The microphone shall have a maximum diameter of 38.1 mm (1.50 in.) with typical handle maximum length of 165.1 mm (6.50 in.). The case finish shall be satin chrome (US660) or non-reflecting blue/black (US660A).

The Electro-Voice models US660 and US660A are specified.

The microphone shall be a supercardioid dynamic type with uniform frequency response from 90-13,000 Hz. The microphone low impedance output level shall be -56 dB (0 dB = 1 mW/10 dynes/cm²) balanced with an output impedance of 150 ohms.

The case shall be made of pressure-cast zinc and shall include an integral stud and swivel of the same material. The stud shall include an on/off switch. The microphone shall have a maximum diameter of 38.1 mm (1.50 in.) with tapered shank and a maximum length of 181.0 mm (7.13 in.). The case finish shall be satin chrome.

The Electro-Voice model US664A is specified.

Limited Warranty

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 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 Service or any of its authorized service representatives. **Obtaining Warranty Service:** To obtain warranty service, a customer must deliver the product, prepaid, to Electro-Voice Service 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 Service at 600 Cecil Street, Buchanan, MI 49107 (800/234/6831).

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or FAX 616/695/4743). **Incidental and Consequential Damages Excluded:** Product repair or replacement and return to the customer are the 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 Speakers and Speaker Systems are guaranteed against malfunction due to defects in materials or workmanship for a

period of five (5) years from the date of original purchase. The Limited Warranty does not apply to burned voice coils or malfunctions such as cone and/or coil damage resulting from improperly designed enclosures. Electro-Voice active electronics associated with the speaker systems are guaranteed for three (3) years from the date of original purchase. Additional details are included in the Uniform Limited Warranty statement.

Electro-Voice Electronics are guaranteed against malfunction due to defects in materials or workmanship for a period of three (3) years from the date of original purchase. Additional details are included in the Uniform Limited Warranty statement.

For warranty repair, service information, or a listing of the repair facilities nearest you,

contact the service repair department at: 616/695-6831 or 800/685-2606.

For technical assistance, contact Technical Support at 800/234-6831 or 616/695-6831, M-F, 8:00 a.m. to 5:00 p.m. Eastern Standard time.

Specifications subject to change without notice.

Figure 1—Frequency Response

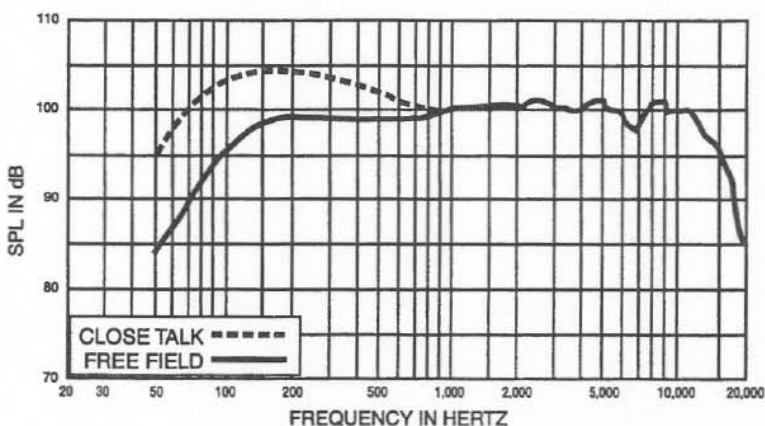
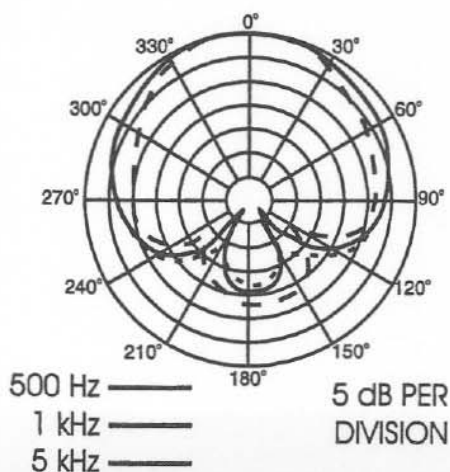


Figure 2—Polar Response



Dynamic Supercardioid Microphone

Figure 3—Wiring Diagram US660/
US660A

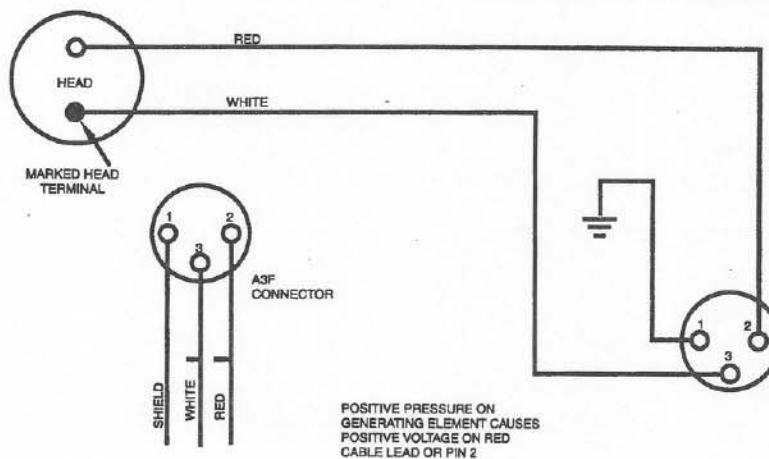
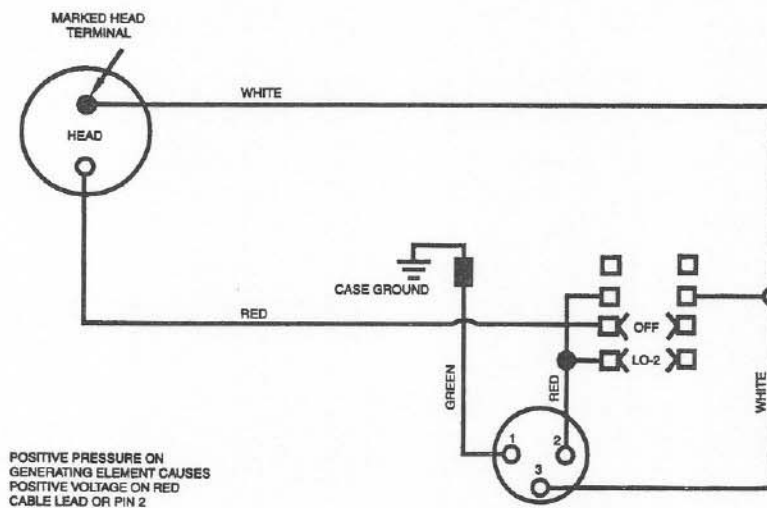


Figure 4—Wiring Diagram US664A



Dynamic Supercardioid Microphone

Specifications

Element,

Microphone:

Dynamic

Frequency Response, Microphone:

90-13,000 Hz (see Figure 1)

Polar Pattern:

Supercardioid (see Figure 2)

Impedance,

150 ohms

Output level, 150 Ohms:

-56 dB (0 dB = 1 mW/10 dynes/cm²)

Case Material:

Diecast zinc

Finish,

US660/US664A:

Satin chrome

US660A:

Blue/black

Dimensions,

Diameter:

38.1 mm (1.50 in.) US660/US660A/

US664A

Length:

165.1 mm (6.50 in.) US660/US660A

181.0 mm (7.13 in.) US664A

Net Weight:

298 g (10.5 oz) US660/US660A

520 g (18.5 oz) US664A

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600 Cecil Street, Buchanan, MI 49107

616/695-6831, 616/695-1304 Fax