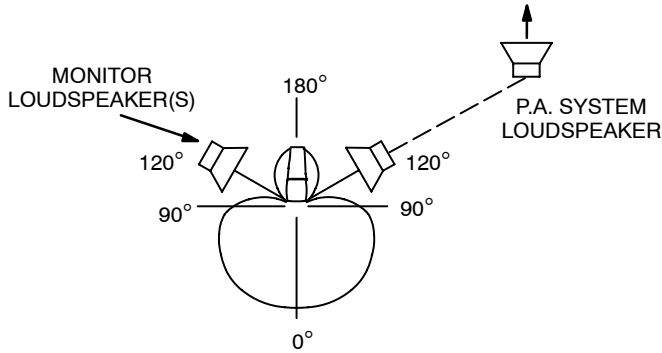


**STAGE MONITOR AND P.A. LOUDSPEAKER PLACEMENT**

For maximum rejection of unwanted sound, place the stage monitor(s) or P.A. system loudspeakers at a 60° angle from the rear of the BETA 56A, *not* directly behind it (see Figure 1). Always check out the stage setup before a performance to ensure optimum placement of microphone and monitors.



RECOMMENDED LOUDSPEAKER LOCATIONS  
**FIGURE 1**

**SPECIFICATIONS**

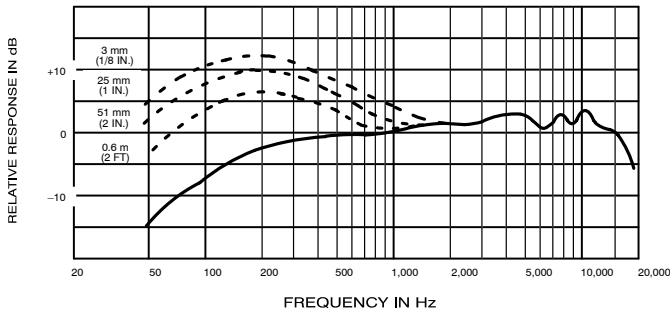
**Type**

Dynamic (moving coil)

**Frequency Response**

50 to 16,000 Hz (see Figure 2)

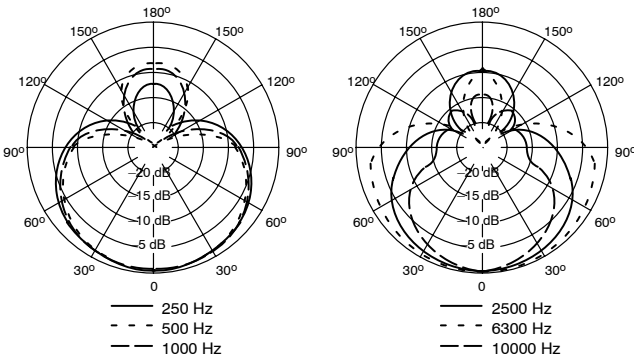
**NOTE:** The curve below shows on-axis response at a distance of 2 feet from a uniform sound source. Your response may vary, depending on microphone position.



TYPICAL FREQUENCY RESPONSE  
**FIGURE 2**

**Polar Pattern**

Supercardioid, rotationally symmetrical about microphone axis, uniform with frequency (see Figure 3)



TYPICAL POLAR PATTERNS  
**FIGURE 3**

**Output Level** (at 1,000 Hz)

Open Circuit Voltage -51 dBV/Pa (2.8 mV)  
(1 Pa = 94 dB SPL)

**Impedance**

Rated impedance is 150 Ω (290 Ω actual) for connection to microphone inputs rated low Z

**Polarity**

Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3

**Connector**

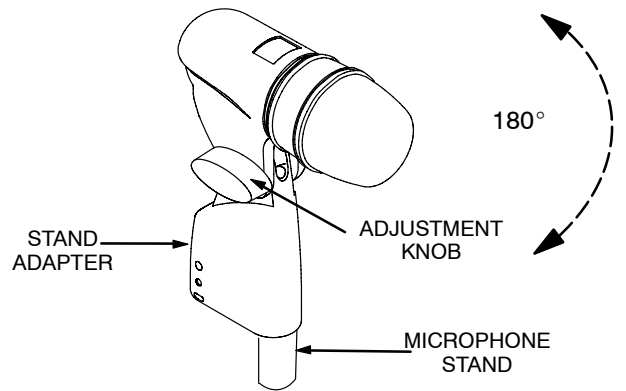
Three-pin professional audio connector (male XLR type)

**Case**

Silver blue enamel-painted die cast metal with hardened, matte-finished steel mesh grille

**Adjustable, Locking Stand Adapter**

Integral, dynamic locking, adjustable through 180°, with standard 5/8"-27 thread (see Figure 4)



BUILT-IN BETA 56A STAND ADAPTER  
**FIGURE 4**

**Net Weight**

468 grams (16.7 oz)

**CERTIFICATION**

Eligible to bear CE Marking. Conforms to European EMC Directive 89/336/EEC. Meets applicable tests and performance criteria in European Standard EN55103 (1996) parts 1 and 2, for residential (E1) and light industrial (E2) environments.

**FURNISHED ACCESSORIES**

- 5/8" to 3/8" (Euro) Thread Adapter ..... 95A2050
- Storage Bag ..... 26A21

**OPTIONAL ACCESSORIES**

- Windscreen ..... A1WS
- 7.6 m (25 ft.) Cable ..... C25E, C25F

**REPLACEMENT PARTS**

- Cartridge ..... R174
- Grille Assembly ..... RK320
- Plug (Connector) Assembly ..... 90F1984