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MODEL BETA 56 COMPACT SUPERCARDOID DYNAMIC MICROPHONE

Specification Sheet

DESCRIPTION

The compact Shure BETA 56 is a high-output supercardioid dynamic microphone designed for professional sound reinforcement and project studio recording. Its extremely uniform supercardioid pickup pattern provides high gain before feedback and excellent rejection of unwanted sound. A built-in dynamic locking stand adapter with an integral XLR connector simplifies installation. The stand adapter is designed to keep the microphone securely in place, even if it is struck by a drumstick. Typical BETA 56 applications include close miking of tom-toms and other percussion instruments, as well as guitar amplifiers, brass instruments, and woodwinds.

Features

- Tailored frequency response provides drums, amplified instruments, and horns with studio quality sound
- Built-in stand adapter with dynamic locking system and XLR connector simplifies setup and provides greater flexibility
- Uniform supercardioid pattern for high gain before feedback and superior rejection of off-axis sound
- Compact design reduces stage clutter
- Hardened steel mesh grille resists wear and abuse
- Neodymium magnet for high signal-to-noise ratio output
- Minimally affected by varying load impedance
- Advanced pneumatic shock mount system that minimizes transmission of mechanical noise and vibration
- Legendary Shure quality and reliability

SPECIFICATIONS

Type

Dynamic (moving coil)

Frequency Response

50 to 16,000 Hz (see *Frequency Reponse*, page 2)

Polar Pattern

Supercardioid, rotationally symmetrical about microphone axis, uniform with frequency (see *Polar Patterns*, page 2)

Impedance

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

Output Level (at 1,000 Hz)

Open Circuit Voltage: -71 dB* (0.28 mV)
 *0 dB = 1 v/μbar

Hum Pickup (at 60 Hz)

Maximum 15.0 mV in 10 oe field
 Maximum 26.5 dB equivalent SPL per 1 moe

Polarity

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

Connector

Three-pin professional audio connector (male XLR)

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

Net Weight

468 grams (16.7 oz)

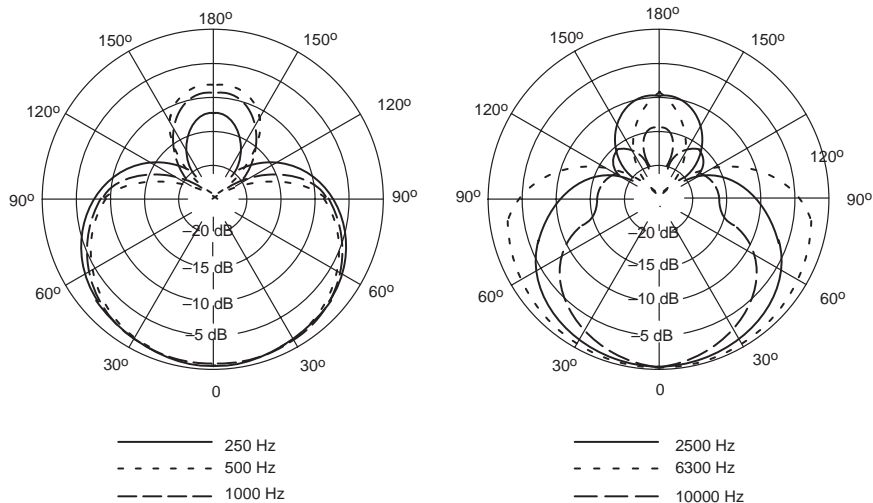
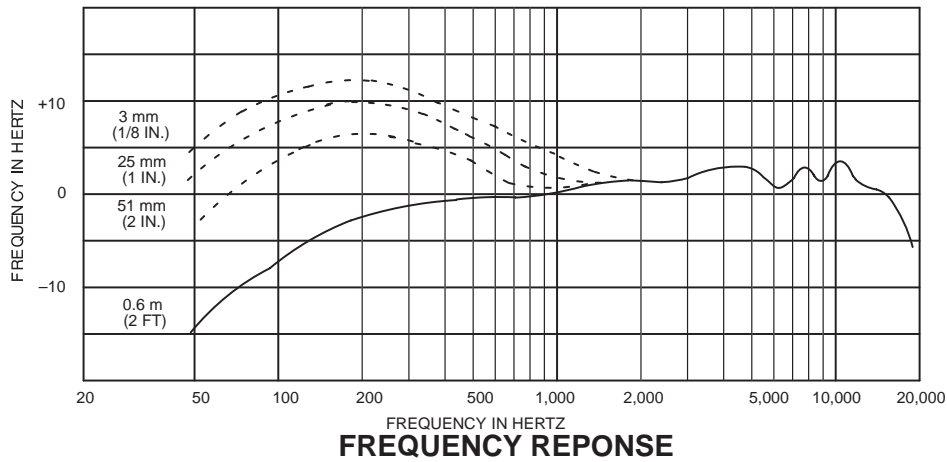
Certification

Conforms to European Union directives, eligible to bear CE marking; meets European Union EMC Immunity Requirements (EN 50 082-1, 1992); RF radiated (IEC 801-3); ESD (IEC 801-2); EFT (IEC 801-4).

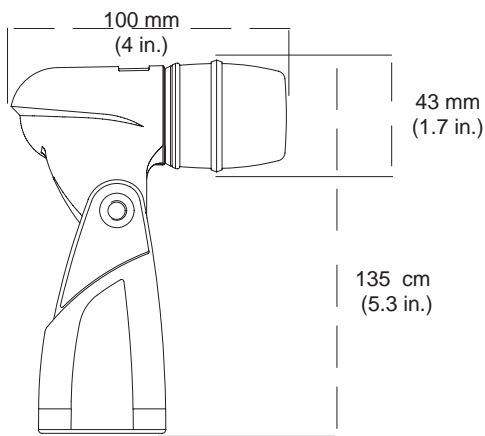
FURNISHED ACCESSORIES

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

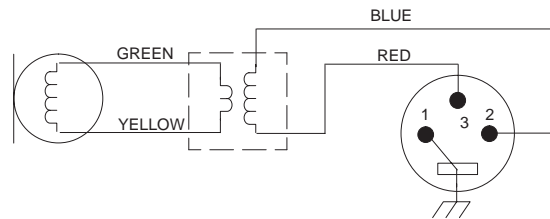




POLAR PATTERNS



DIMENSIONS



INTERNAL CONNECTIONS



THE SOUND OF PROFESSIONALS...WORLDWIDE®

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