



Shure Brothers Incorporated
222 Hartrey Avenue
Evanston IL 60202-3696 U.S.A.

Phone: 800-257-4873 Fax: 847-866-2279
 In Europe, Phone: 49-7131-72140 Fax: 49-7131-721414
 Internationally, Phone: 847-866-2200 Fax: 847-866-2585
 Web Address: <http://www.shure.com>

MODEL BETA 57A SUPERCARDIOID DYNAMIC MICROPHONE

Specification Sheet

DESCRIPTION

The Shure BETA 57A is a high output supercardioid dynamic microphone designed for professional sound reinforcement and project studio recording. It maintains a true supercardioid pattern throughout its frequency range. This ensures high gain before feedback, maximum isolation from other sound sources, and minimum off-axis tone coloration. A completely new grille design lets you take better advantage of proximity effect. The BETA 57A is an exceptionally versatile microphone. Typical applications include drums, guitar amplifiers, brass, woodwinds and vocals.

Features

- Tailored frequency response with a studio-quality sound for drums, guitars, vocals, and horns
- Uniform supercardioid pattern for high gain before feedback and superior rejection of off-axis sound
- Hardened steel mesh grille that facilitates use of proximity effect and 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 Response*, 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

Swivel Adapter

Slip-in, adjustable through 180°, with standard 5/8"-27 thread

Net Weight

272 grams (9.71 oz)

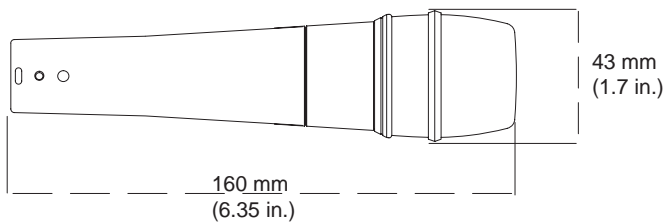
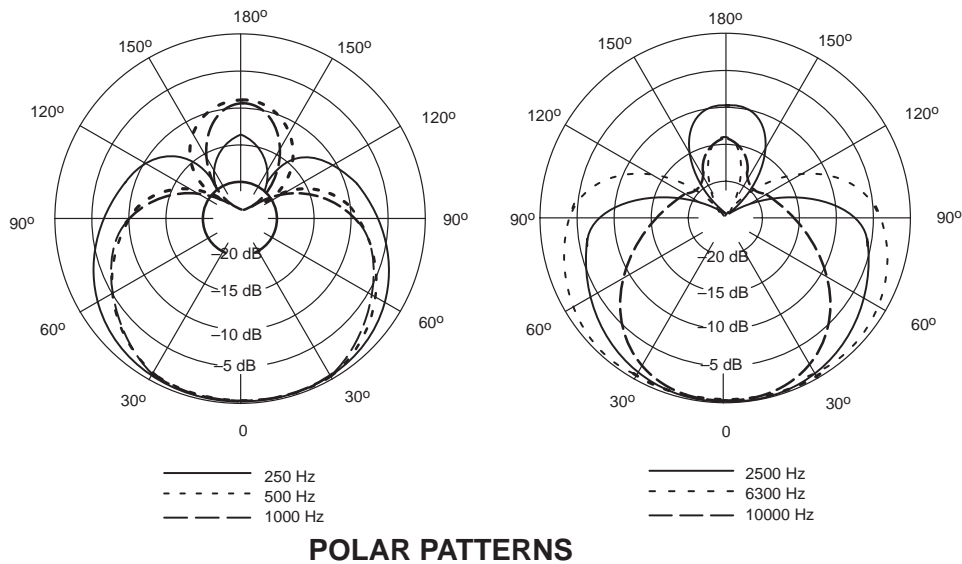
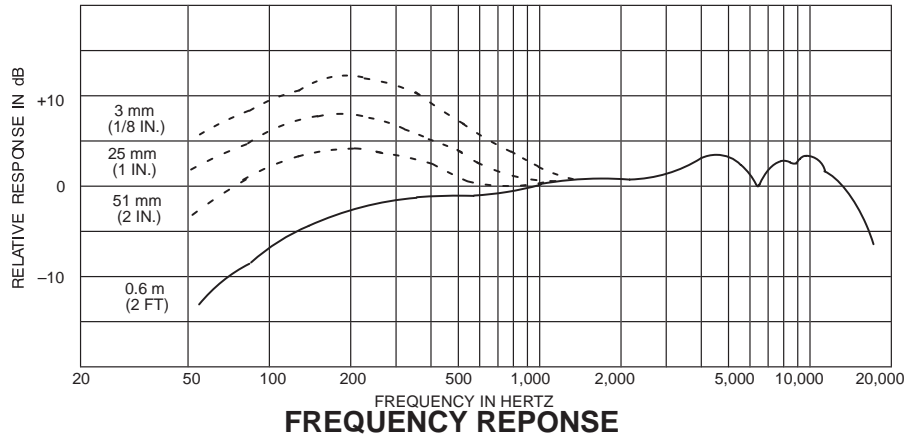
Certification

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)

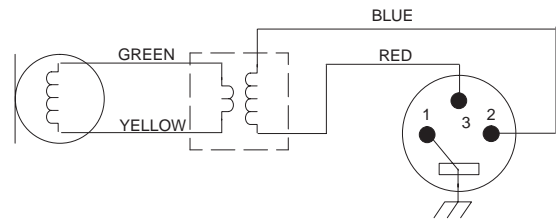
FURNISHED ACCESSORIES

Swivel Adapter	A25C
Storage Bag	26A21
5/8" to 3/8" (Euro) Thread Adapter	95A2050





DIMENSIONS



INTERNAL CONNECTIONS



THE SOUND OF PROFESSIONALS...WORLDWIDE®

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