

# Shure Beta 87A Microphone



The Shure BETA®87A is a premium quality supercardioid hand-held electret condenser vocal microphone with exceptionally smooth frequency response and high sound pressure level capability. Used for professional sound reinforcement, broadcasting, and studio recording applications, the Beta 87A combines superb performance with the ruggedness needed for touring and field production.

The Beta 87A features a controlled low-frequency roll-off that compensates for proximity effect and prevents the “boomy” sound often associated with close pick-up. The characteristic Shure presence rise brightens the upper midrange. The tight supercardioid pattern, with null points at approximately 125 degrees, provides maximum isolation from other vocalists or instruments while offering minimal off-axis coloration. The Beta 87A operates on phantom power.

## Features

Smooth frequency response with gradual presence rise

Highly consistent supercardioid polar pattern provides superior gain-before-feedback

Electronic low-frequency roll-off compensates for proximity effect

Wide dynamic range (117 dB) and low distortion characteristics

Very low susceptibility to RFI and electromagnetic hum

Advanced cartridge shock-mount system absorbs mechanical shocks and reduces handling noise

Built-in pop filter reduces undesirable wind and breath sounds

Legendary Shure quality and reliability

Type: Condenser (electret bias)

Frequency Response: 50 to 20,000 Hz

Polar Pattern: Supercardioid

Phantom power required: Phantom Supply Requirement: 11 to 52 Vdc, positive at both pins 2 and 3, Current Drain: 1.0 to 1.2 mA

Summary: The Shure Beta 87A is a premium, condenser microphone designed for professional vocal use in live sound and studio recording applications. The Beta 87A features a supercardioid polar pattern that isolates the sound source and minimizes background noise, making it ideal for use on stage or in loud environments. The microphone's smooth, extended frequency response and high SPL handling capability provide exceptional clarity and definition for both lead and background vocals. The Beta 87A also includes an electronic low-frequency roll-off that compensates for proximity effect, automatically tailoring the microphone's response to the specific needs of your recording or live sound environment. Whether you're a singer, emcee, or performer, the Shure Beta 87A is an excellent choice for capturing high-quality, professional-grade vocals in any setting.

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