

Beta 87A Condenser Vocal Microphone (Supercardioid)

Overview

The Beta 87A vocal condenser microphone offers a smooth, tailored response for a warm, present and accurate sound reproduction. The supercardioid polar pattern provides maximum sound isolation and minimum off-axis tone colouration.

Features

- Highly consistent supercardioid polar pattern provides superior gain-before-feedback
- Smooth frequency response with gradual presence rise
- Wide dynamic range and low distortion characteristics
- Very low susceptibility to RFI and electromagnetic hum
- Built-in pop filter reduces undesirable wind and breath sounds
- Advanced cartridge shock-mount system absorbs mechanical shocks and reduces handling noise

Specifications

Type	Condenser (electret)
Frequency Response	50 Hz to 20 kHz
Polar Pattern	Supercardioid
Impedance	100 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-52.5 dBV/Pa (2.4 mV/Pa)
Maximum SPL (1 kHz at 1% THD)	140.5 dB (1 kΩ load)
Signal-to-Noise Ratio (referenced at 94 dB SPL at 1 kHz)	70.5 dB
Dynamic Range (at 1 kHz)	117 dB
Clipping Level (20 Hz-20 kHz at 1% THD)	-6 dBV (1 kΩ load)
Self Noise (typical, equivalent SPL, A-weighted)	23.5 dB(A)
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Weight	207 g
Connector	Three-pin professional audio (XLR), male
Power Requirements	11 - 52 Vdc phantom, 1.2 mA

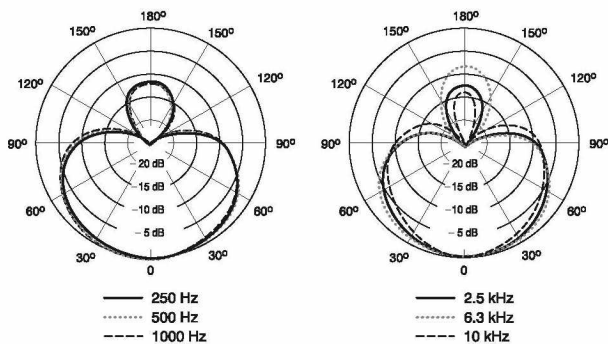


Beta 87A

Accessories and Replacement Parts

A25D	Adjustable Stand Adapter*	95A2314	Storage Bag*	95A2050	5/8" to 3/8" Thread Adapter*	A85WS	Windscreen
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* included in delivery



Polar Pattern

