

Beta 87C Condenser Vocal Microphone (Cardioid)

Overview

The cardioid polar pattern of the Beta 87C features an extremely smooth, tailored response for a warm, natural sound and an excellent rear rejection. It helps to compensate for the noise bleed, which is often associated with the use of personal monitors.

Features

- Cardioid polar pattern for maximum isolation and minimal off-axis tone colouration
- Smooth, wide frequency response with slight presence rise
- Wide dynamic range
- Low-frequency roll-off compensates for proximity effect
- 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	Cardioid
Impedance	100 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-51 dBV/Pa (2.8 mV/Pa)
Maximum SPL (1 kHz at 1% THD)	139 dB (1 kΩ load)
Signal-to-Noise Ratio (referenced at 94 dB SPL at 1 kHz)	72 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)	22 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

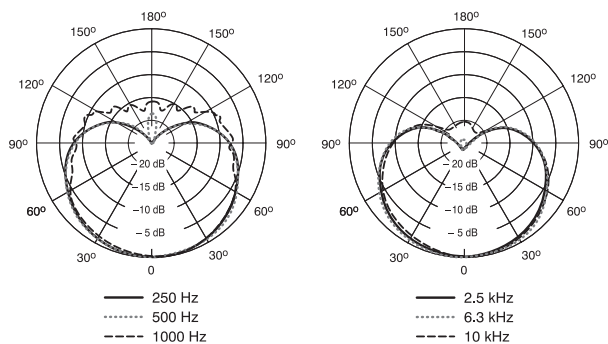


Beta 87C

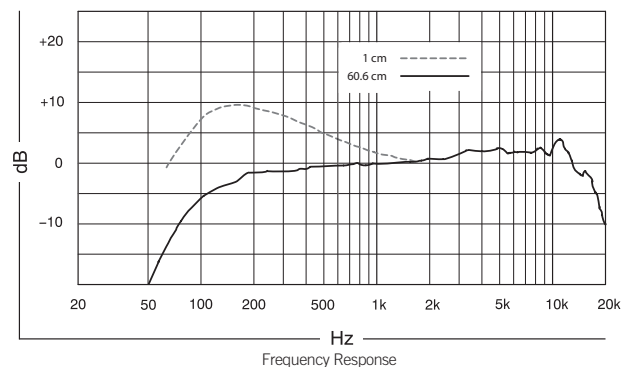
Accessories and Replacement Parts

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

* included in delivery



Polar Pattern



Frequency Response

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