

Beta 98H/C Condenser Instrument Microphone (Cardioid)

Overview

Built for brass, woodwind and percussion instruments, the Beta 98H/C uses a miniature cardioid condenser microphone with a tailored frequency response for open, natural sound. It has a flexible gooseneck mount that clamps directly to the bell or rim for precise positioning.

Features

- Uniform cardioid pattern provides for high gain-before-feedback and high rejection of ambient sound
- Tailored frequency response for open, natural sound reproduction
- Designed for use in high SPL environments
- Compact, lightweight construction provides a low degree of visibility
- Adjustable gooseneck and ratcheting swivel joint allow for optimal microphone positioning
- Interchangeable microphone cartridges with different pick-up pattern options

Specifications

Type	Condenser (electret)
Frequency Response	20 Hz to 20 kHz
Polar Pattern	Cardioid
Impedance	150 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-56 dBV/Pa (1.6 mV/Pa)
Maximum SPL (1 kHz at 1% THD)	155 dB (1 kΩ load) 163 dB (2.5 kΩ load)
Signal-to-Noise Ratio (referenced at 94 dB SPL at 1 kHz)	63 dB
Dynamic Range (at 1 kHz)	124 dB (1 kΩ load) 132 dB (2.5 kΩ load)
Clipping Level (20 Hz-20 kHz at 1% THD)	3 dBV (1 kΩ load) 11 dBV (2.5 kΩ load)
Self Noise (typical, equivalent SPL, A-weighted)	31 dB(A)
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Weight	156 g
Connector	Three-pin professional audio (XLR), male
Power Requirements	11 - 52 Vdc phantom

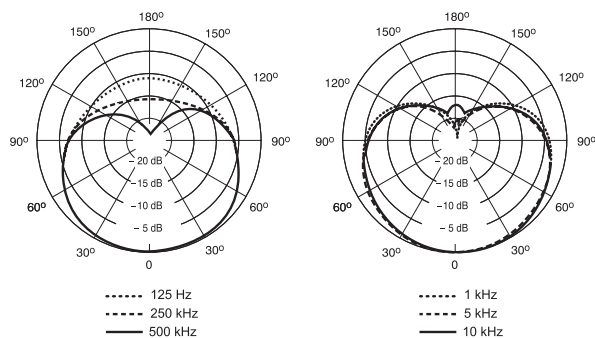


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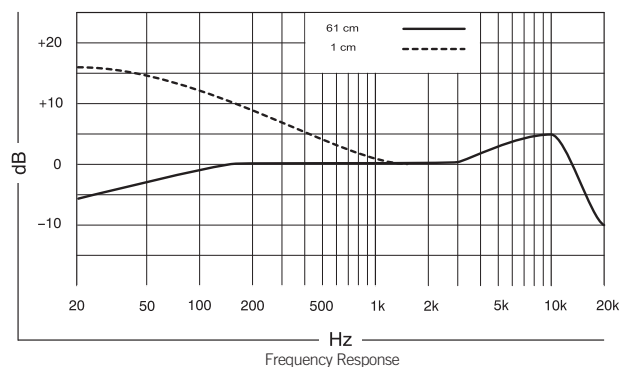
Accessories and Replacement Parts

95A2314 Storage Bag*	95A2064 Windscreen*	RPM108 Cardioid Capsule*	RPM110 Supercardioid Capsule
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* included in delivery



Polar Pattern



Frequency Response

SHURE[®]
LEGENDARY
PERFORMANCE™