

Beta 53 Condenser Headworn Vocal Microphone (Omnidirectional)

Overview

Delivers detailed, uncoloured vocal reproduction through an omnidirectional polar pattern in a lightweight and fully adjustable design. Ideal for spoken word and vocal applications such as theatre performance, speech, trade shows and seminars.

Features

- Omnidirectional polar pattern for minimal handling noise and flexible microphone placement
- Extended, flat frequency response provides accurate speech and vocal reproduction
- Foam windscreens minimise breath noise and "popping"
- Available with an in-line preamp or with a TA4F connector for wireless applications
- Two interchangeable protective caps for response shaping

Specifications

Type	Condenser (electret)
Frequency Response	20 Hz bis 20 kHz
Polar Pattern	Omnidirectional
Impedance	136 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-50 dBV/Pa (3.16 mV/Pa)
Maximum SPL (1 kHz at 1% THD)	147 dB (1 kΩ load)
Signal-to-Noise Ratio (referenced at 94 dB SPL at 1 kHz)	55 dB
Dynamic Range (at 1 kHz)	108 dB
Self Noise (typical, equivalent SPL, A-weighted)	-39 dB(A)
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Weight	135 g; 35 g microphone
Connector	3 Pin XLR (TA4F at microphone)
Power Requirements	11 - 52 Vdc phantom, 4.6 mA

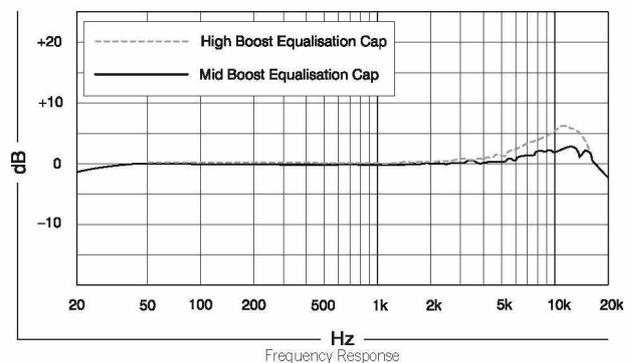
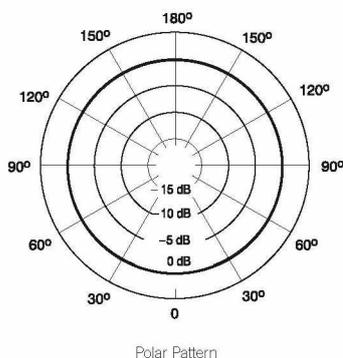


Beta 53

Accessories and Replacement Parts

RPM304	Foam Windscreen*	RPM208	Standard Protective Cap - gold mesh*	RPM220	Filtered Protective Cap - silver mesh*
RPM510	Swiveling Lapel Clip*	RPM626	In-Line Preamp*	95B2234	Carrying Case*

* included in delivery



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