

Product Specifications

Centraverse™ CVB Boundary Microphones

Overview

Professional boundary electret condenser microphone for use in desktop installed sound reinforcement applications. Available in cardioid and omnidirectional polar patterns and black or white color options, its low-profile design fits seamlessly within any design aesthetic.

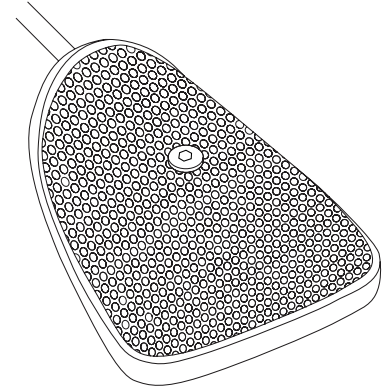
Features

- Available in cardioid or omnidirectional polar patterns
- Black and white color options
- Attached 12 ft XLR cable
- Commshield® interference immunity
 - Guards against unwanted RF Interference from portable wireless devices (smartphones, etc.)
 - High resistance to intense nearby radio signals
- Superior Shure design and rugged, dependable construction

Available SKUs

CVB-B/O	Boundary Condenser Microphone, 12' Cable, Omnidirectional, Black
CVB-W/O*	Boundary Condenser Microphone, 12' Cable, Omnidirectional, White
CVB-B/C	Boundary Condenser Microphone, 12' Cable, Cardioid, Black
CVB-W/C*	Boundary Condenser Microphone, 12' Cable, Cardioid, White

*Note: Model availability depends on region. See your local Shure dealer or distributor for details.

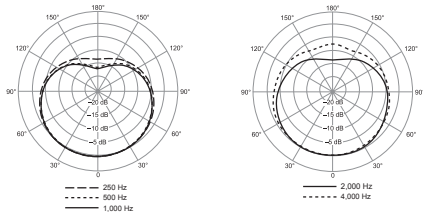


CVB

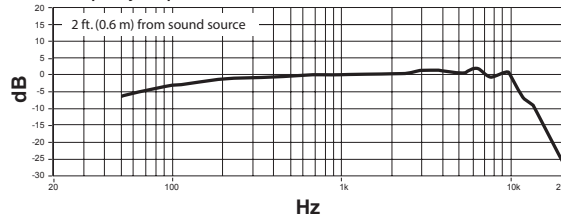
Specifications

	CVB/O	CVB/C
Cartridge Type	Electret Condenser	Electret Condenser
Frequency Response	70–16000 Hz	70–16000 Hz
Polar Pattern	Omnidirectional	Cardioid
Output Impedance	180 Ω	180 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-28 dBV/Pa(40 mV)	-32.5 dBV/Pa(23 mV)
Maximum SPL (1 kHz at 1% THD)	117 dB SPL	120 dB SPL
Signal to Noise Ratio (referenced at 94 dB SPL)	74 dB	67 dB
Dynamic Range	97 dB	93 dB
Self Noise (equivalent SPL, A-weighted, typical)	20 dB SPL	27 dB SPL
Common Mode Rejection (10 Hz to 100 kHz)	>45 dB	>45 dB
Preamplifier Output Clipping Level (1% THD)	-6 dBV	-7 dBV
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Power Requirements	11–52 V DC, 2.0 mA	11–52 V DC, 2.0 mA
Environmental Requirements	Operating Temperature Range: -18 to 57 °C (0 to 135 °F) Relative Humidity: 0 to 95%	

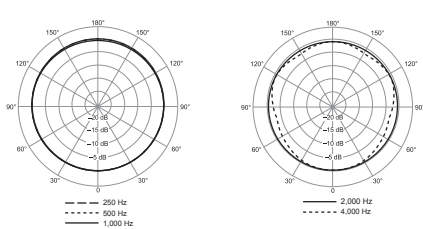
CVB/C Polar Pattern



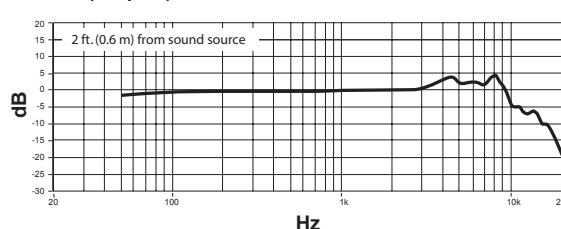
CVB/C Frequency Response



CVB/O Polar Pattern



CVB/O Frequency Response



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PERFORMANCE™

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