

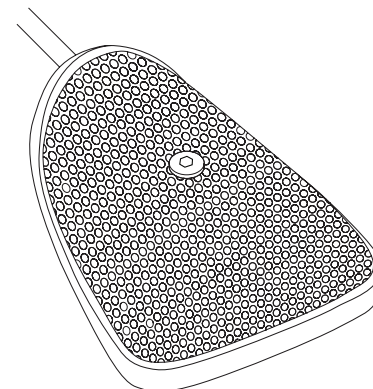
# Centraverse™ CVB Boundary Microphones

## 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.

## Specifications

	CVB/O	CVB/C
<b>Cartridge Type</b>	Electret Condenser	Electret Condenser
<b>Frequency Response</b>	70–16000 Hz	70–16000 Hz
<b>Polar Pattern</b>	Omnidirectional	Cardioid
<b>Output Impedance</b>	180 Ω	180 Ω
<b>Sensitivity (at 1 kHz, open circuit voltage)</b>	-28 dBV/Pa[1] (40 mV)	-32.5 dBV/Pa[1] (23 mV)
<b>Maximum SPL (1 kHz at 1% THD)</b>	117 dB SPL	120 dB SPL
<b>Signal to Noise Ratio (referenced at 94 dB SPL)</b>	74 dB	67 dB
<b>Dynamic Range</b>	97 dB	93 dB
<b>Self Noise (equivalent SPL, A-weighted, typical)</b>	20 dB SPL	27 dB SPL
<b>Common Mode Rejection (10 Hz to 100 kHz)</b>	>45 dB	>45 dB
<b>Preamplifier Output Clipping Level (1% THD)</b>	-6 dBV	-7 dBV
<b>Polarity</b>	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
<b>Power Requirements</b>	11–52 V DC[4], 2.0 mA	11–52 V DC[4], 2.0 mA
<b>Environmental Requirements</b>	Operating Temperature Range: -18° C to 57° C (0° F to 135° F) Relative Humidity: 0 to 95%	

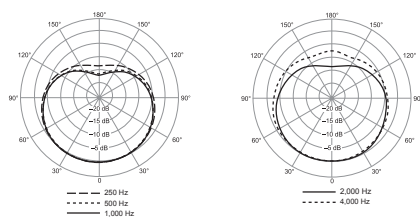


CVB

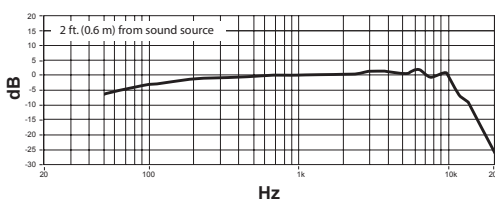
## Available Models

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

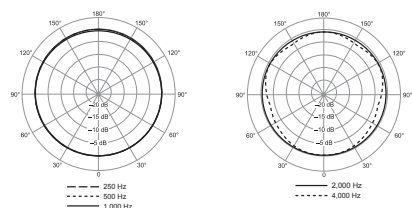
CVB/C Polar Pattern



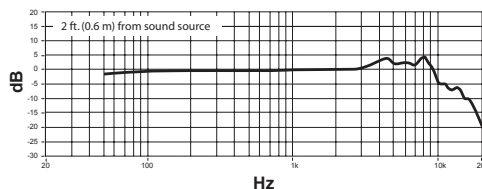
CVB/C Frequency Response



CVB/O Polar Pattern



CVB/O Frequency Response



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