

Centraverse™ CVG Gooseneck Microphones

Overview

Professional gooseneck electret condenser microphone for use in general installed sound reinforcement applications. Designed with dual gooseneck sections for full articulation, the CVG12 and CVG18 provide scalable, best-in-class performance in a wide variety of locations, including podiums and desktops.

Specifications

Cartridge Type	Electret Condenser
Frequency Response	70–16000 Hz
Polar Pattern	Cardioid
Output Impedance	180 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-33 dBV/Pa[1] (22 mV)
Maximum SPL (1 kHz at 1% THD)	120 dB SPL
Signal to Noise Ratio (referenced at 94 dB SPL)	67 dB
Dynamic Range	93 dB
Self Noise (equivalent SPL, A-weighted, typical)	27 dB SPL
Common Mode Rejection (10 Hz to 100 kHz)	>45 dB
Preamplifier Output Clipping Level (1% THD)	-7 dBV
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Power Requirements	11–52 V DC[4], 2.0 mA
Environmental Requirements	Operating Temperature Range: -18° C to 57° C (0° F to 135° F) Relative Humidity: 0 to 95%

Available Models

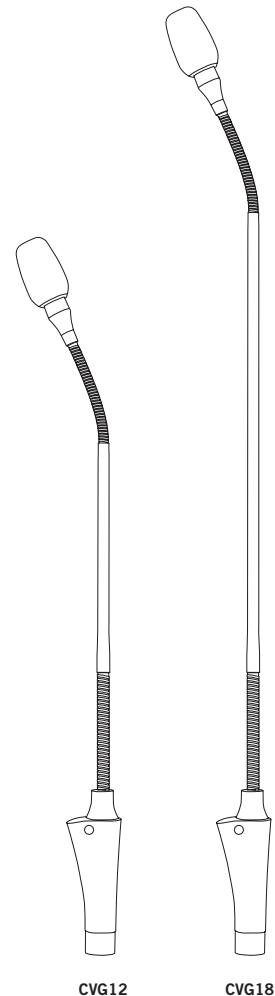
CVG12-B/C	12" Gooseneck Condenser Microphone, Inline Pre-Amp, Cardioid, Black
CVG18-B/C	18" Gooseneck Condenser Microphone, Inline Pre-Amp, Cardioid, Black
CVG12S-B/C	12" Gooseneck Condenser Microphone, Inline Pre-Amp, Mute Switch, LED, Cardioid, Black
CVG18S-B/C	18" Gooseneck Condenser Microphone, Inline Pre-Amp, Mute Switch, LED, Cardioid, Black
CVG12RS-B/C	12" Gooseneck Condenser Microphone, Inline Pre-Amp, Mute Switch, Light-Ring, Cardioid, Black
CVG18RS-B/C	18" Gooseneck Condenser Microphone, Inline Pre-Amp, Mute Switch, Light-Ring, Cardioid, Black

Furnished Accessories

95A16670	Windscreen
RPM640	Mounting Flange

Optional Accessories

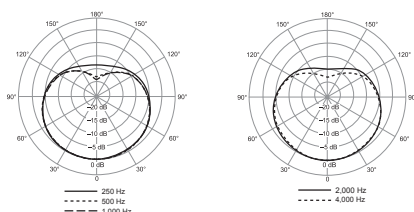
CVD-B	Desktop Base
ACVG4WS-B	Replacement Windscreens (4-pack)
A57F	Microphone Clip
C25J	25' XLR Cable
A400SM	Shock Mount



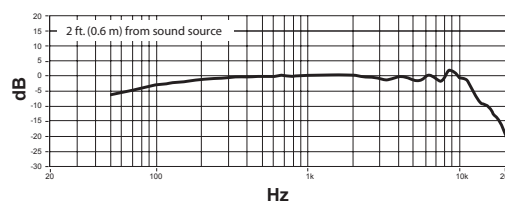
CVG12

CVG18

CVG Polar Pattern



CVG Frequency Response



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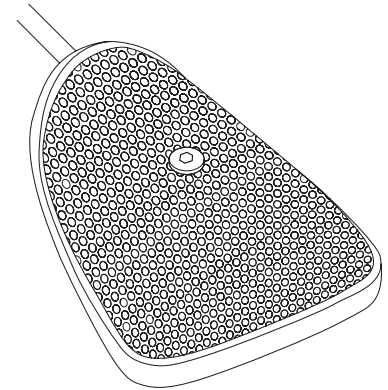
Centraverse™ CVB Boundary Microphones

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
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[1] (40 mV)	-32.5 dBV/Pa[1] (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[4], 2.0 mA	11–52 V DC[4], 2.0 mA
Environmental Requirements	Operating Temperature Range: -18° C to 57° C (0° F to 135° F) Relative Humidity: 0 to 95%	

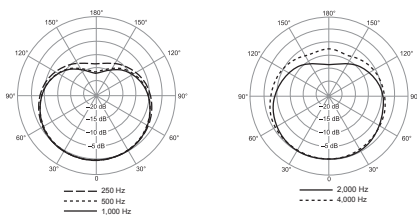


CVB

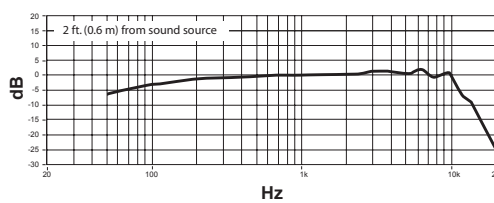
Available Models

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

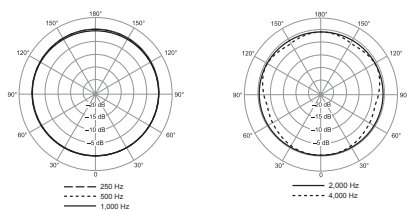
CVB/C Polar Pattern



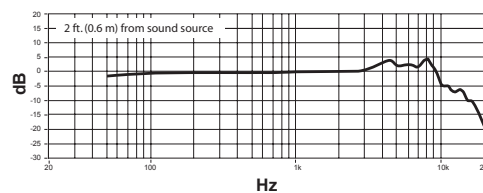
CVB/C Frequency Response



CVB/O Polar Pattern



CVB/O Frequency Response



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Centraverse™ CVO Overhead Microphones

Overview

Professional low profile electret condenser microphone designed for overhead sound reinforcement applications. An integrated wire aiming hanger provides for optimal placement above choirs and other ensembles with minimal effort.

Specifications

Cartridge Type	Electret Condenser
Frequency Response	70–16000 Hz
Polar Pattern	Cardioid
Output Impedance	180 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-33 dBV/Pa[1] (22 mV)
Maximum SPL (1 kHz at 1% THD)	120 dB SPL
Signal to Noise Ratio (referenced at 94 dB SPL)	67 dB
Dynamic Range	93 dB
Self Noise (equivalent SPL, A-weighted, typical)	27 dB SPL
Common Mode Rejection (10 Hz to 100 kHz)	>45 dB
Preamplifier Output Clipping Level (1% THD)	-7 dBV
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
Power Requirements	11–52 V DC[4], 2.0 mA
Environmental Requirements	Operating Temperature Range: -18° C to 57° C (0° F to 135° F) Relative Humidity: 0 to 95%

Available Models

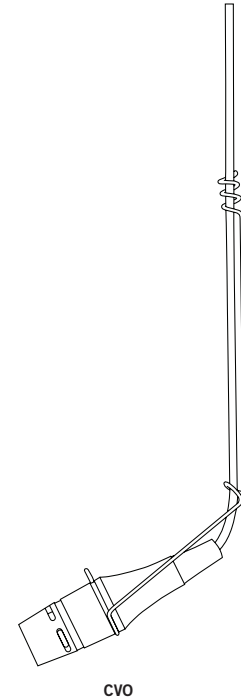
CVO-B/C	Overhead Condenser Microphone, Attached 25' Cable, Cardioid, Black
CVO-W/C	Overhead Condenser Microphone, Attached 25' Cable, Cardioid, White

Furnished Accessories

44A16928	Wire aiming hanger (Black)
44B16928	Wire aiming hanger (White)
95A20541	Windscreen (Black)
95B20541	Windscreen (White)

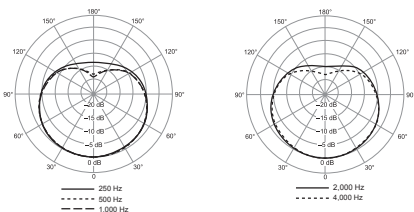
Optional Accessories

ACVO4WS-B	Windscreen (Black, 4-pack)
ACVO4WS-W	Windscreen (White, 4-pack)

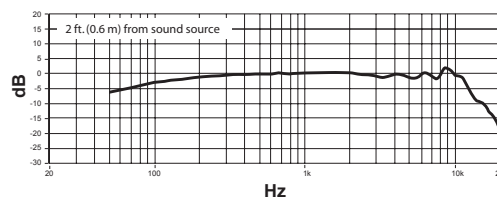


CVO

CVO Polar Pattern



CVO Frequency Response



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