

# 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

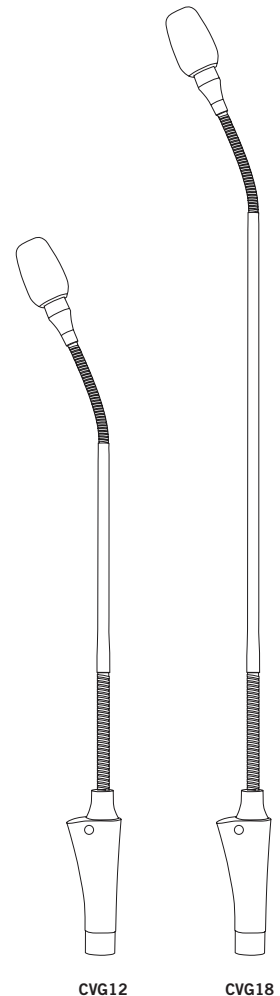
CVG12-B/C	12" Gooseneck Condenser Microphone, Inline Pre-Amp, Cardioid, Black
CVG18-B/C	18" Gooseneck Condenser Microphone, Inline Pre-Amp, Cardioid, Black
CVG12S-B/C	12" Gooseneck Condenser Microphone, Inline Pre-Amp, Mute Switch, LED, Cardioid, Black
CVG18S-B/C	18" Gooseneck Condenser Microphone, Inline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

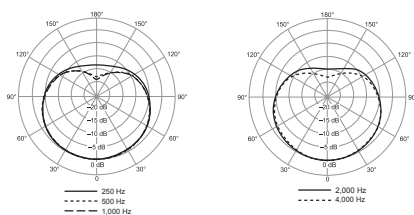
CVD-B	Desktop Base
ACVG4WS-B	Replacement Windscreens (4-pack)
A57F	Microphone Clip
C25J	25' XLR Cable
A400SM	Shock Mount



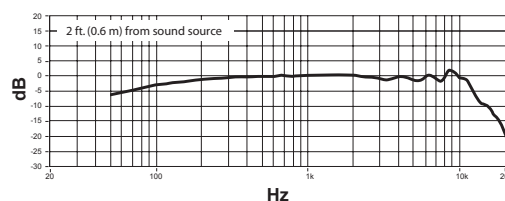
CVG12

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
<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%	

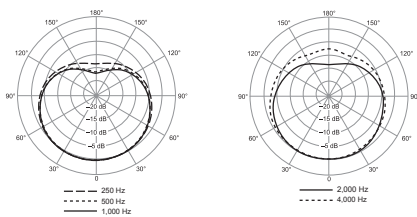


CVB

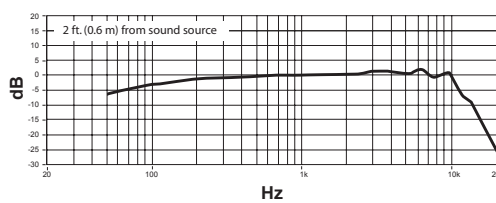
## Available Models

<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

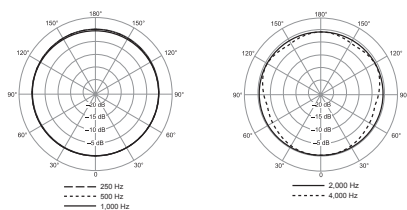
CVB/C Polar Pattern



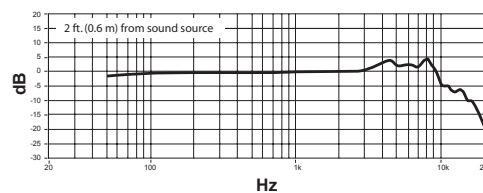
CVB/C Frequency Response



CVB/O Polar Pattern



CVB/O Frequency Response



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# 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

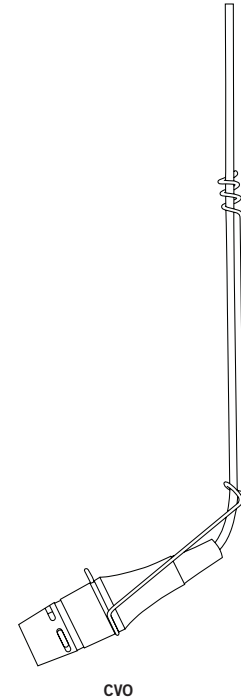
CVO-B/C	Overhead Condenser Microphone, Attached 25' Cable, Cardioid, Black
CVO-W/C	Overhead Condenser Microphone, Attached 25' Cable, Cardioid, White

## Furnished Accessories

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

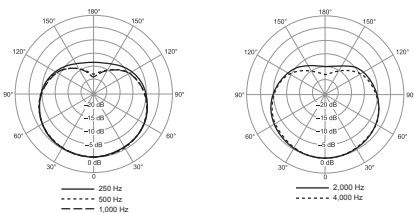
## Optional Accessories

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

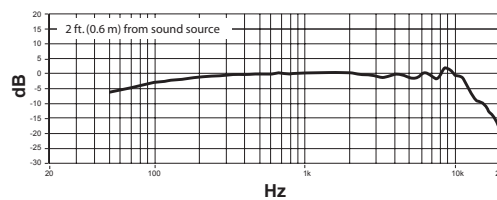


CVO

CVO Polar Pattern



CVO Frequency Response



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