

SHURE®

LEGENDARY
PERFORMANCE™

Centraverse Microphones



CENTRAVERSE MICROPHONES

SIMPLICITY REALIZED.

Shure Centraverse Installed Sound Microphones deliver high quality, reliable audio no matter what the application. From meeting rooms to houses of worship, podiums to desktops, Centraverse microphones come complete with all you need to ensure a quick and efficient sound solution, every time. The Right Choice.

Centraverse Gooseneck Microphones

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.

Centraverse Boundary Microphones

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.

Centraverse Overhead Microphones

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.

All Centraverse models are equipped with CommShield® RF Filtering Technology

- Guards against unwanted RF Interference from portable wireless devices (smartphones, etc.)
- High resistance to intense nearby radio signals

APPLICATIONS

Conference Rooms

Seminars

Houses of Worship

Theaters

Lecterns

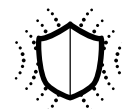
PRODUCT HIGHLIGHTS

Omnidirectional polar pattern

Consistent cardioid polar pattern

Low self noise

CommShield® Technology



CommShield®
Technology

Centraverse™ CVGD Gooseneck Microphones with Integrated Desktop Base

Overview

Professional gooseneck microphones featuring a cardioid polar pattern, which reduces ambient room noise and feedback, with a frequency response that is tailored for speech. Additionally, they are designed with dual gooseneck sections for full articulation and an integrated base for precise positioning.

Specifications

Cartridge Type Electret	Electret Condenser
Frequency Response	70–16000 Hz
Polar Pattern	Cardioid
Output Impedance	180 Ω
Sensitivity (at 1 kHz, open circuit voltage)	–33 dBV/Pa (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	CVGD: 11–52 V DC, 2.0 mA CVGD/S: 11–52 V DC, 5.5 mA CVGD/RS: 11–52 V DC, 5.0 mA
Environmental Requirements	Operating Temperature Range: –18 °C to 57 °C (0 °F to 135 °F) Storage Temperature Range: –29 °C to 74 °C (–20 °F to 165 °F) Relative Humidity: 0 to 95%



CVG18D
Gooseneck Microphones
with Integrated Desktop Base

Available Models

CVG12D-B/C	12" Gooseneck Condenser Microphone with Integrated Desktop Base and 12' cable, Inline Pre-Amp, Cardioid, Black
CVG18D-B/C	18" Gooseneck Condenser Microphone with Integrated Desktop Base and 12' cable, Inline Pre-Amp, Cardioid, Black
CVG12DS-B/C*	12" Gooseneck Condenser Microphone with Integrated Desktop Base and 12' cable, Inline Pre-Amp, Mute Switch, LED, Cardioid, Black
CVG18DS-B/C*	18" Gooseneck Condenser Microphone with Integrated Desktop Base and 12' cable, Inline Pre-Amp, Mute Switch, LED, Cardioid, Black
CVG12DRS-B/C*	12" Gooseneck Condenser Microphone with Integrated Desktop Base and 12' cable, Inline Pre-Amp, Mute Switch, Light-Ring, Cardioid, Black
CVG18DRS-B/C*	18" Gooseneck Condenser Microphone with Integrated Desktop Base and 12' cable, Inline Pre-Amp, Mute Switch, Light-Ring, Cardioid, Black

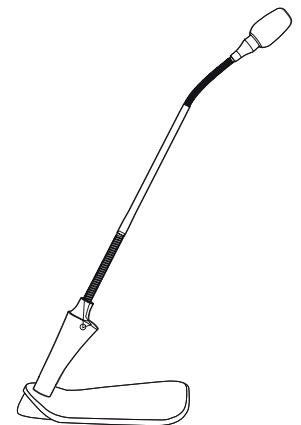
*Note: Model availability depends on region. See your local Shure dealer or distributor for details.

Furnished Accessories

95A16670	Windscreen
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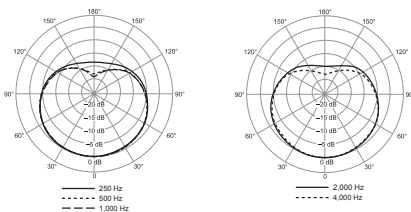
Optional Accessories

ACVG4WS-B	Replacement Windscreens (4-pack)
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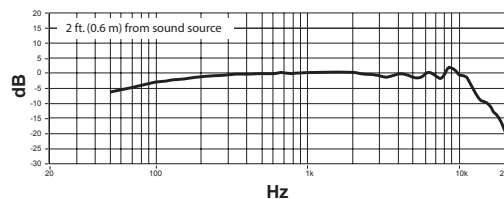


CVG12D
Gooseneck Microphones
with Integrated Desktop Base

CVGD Polar Pattern



CVGD Frequency Response



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 (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, 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

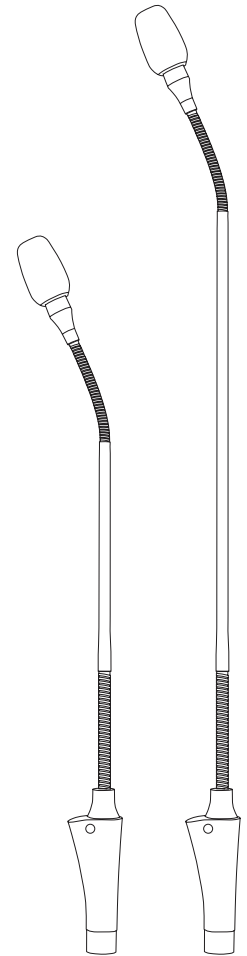
CVG12-B/C	12" Gooseneck Condenser Microphone, Inline Pre-Amp, Cardioid, Black
CVG18-B/C	18" Gooseneck Condenser Microphone, Inline Pre-Amp, Cardioid, Black
CVG12S-B/C	12" Gooseneck Condenser Microphone, Inline Pre-Amp, Mute Switch, LED, Cardioid, Black
CVG18S-B/C	18" Gooseneck Condenser Microphone, Inline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

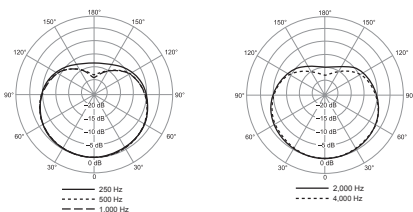
Optional Accessories

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

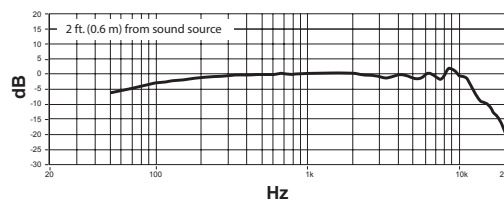


CVG12 **CVG18**
Gooseneck Microphones

CVG Polar Pattern



CVG Frequency Response



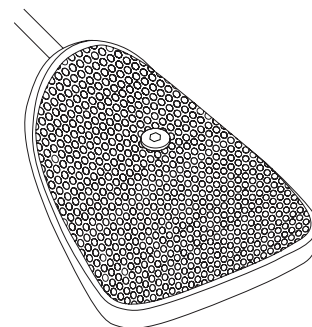
Centraverse™ CVB Boundary Microphones

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 (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, 2,0 mA	11–52 V DC, 2,0 mA
Environmental Requirements	Operating Temperature Range: -18° C to 57° C (0° F to 135° F) Relative Humidity: 0 to 95%	

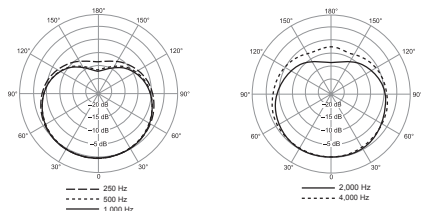


CVB Boundary Microphones

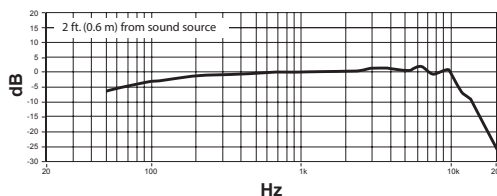
Available Models

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

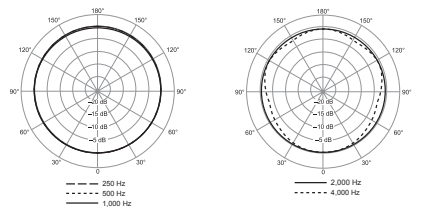
CVB/C Polar Pattern



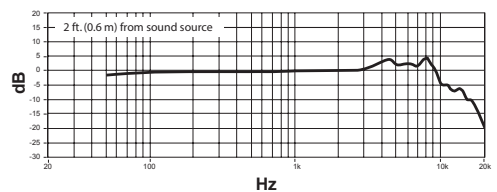
CVB/C Frequency Response



CVB/O Polar Pattern



CVB/O Frequency Response



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 (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, 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

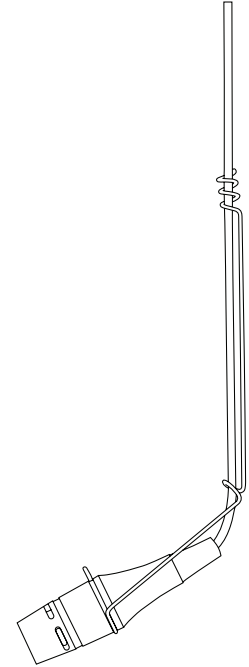
CVO-B/C	Overhead Condenser Microphone, Attached 25' Cable, Cardioid, Black
CVO-W/C	Overhead Condenser Microphone, Attached 25' Cable, Cardioid, White

Furnished Accessories

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

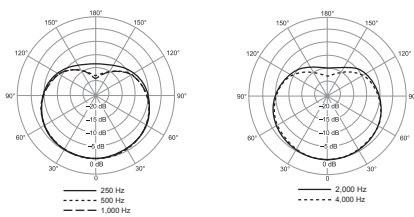
Optional Accessories

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

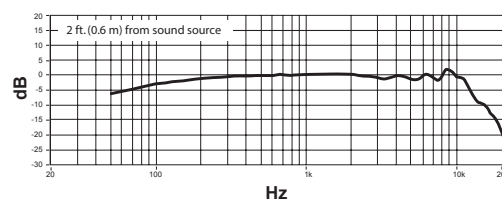


CVO Overhead Microphones

CVO Polar Pattern



CVO Frequency Response



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