

# Product Specifications

## 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.

### Features

- Electret condenser microphone with inline preamp
- Integrated desktop base
- Cardioid polar pattern with tailored response for speech maximizes intelligibility in speech while reducing the chance for feedback
- Equipped with Commshield® Technology, which is resistant to unwanted RF interference and radio signals
- Dual-section gooseneck enables ease of positioning and placement
- Plug-and-play connection minimizes setup time
- Best-in-class performance, dependable construction, and design
- Available in 12" (30.4 cm) and 18" (45.7 cm) gooseneck lengths
- Includes integrated 12' (365 cm) cable with XLR termination
- Available in three configurations:
  - With inline preamp (CVG12D, CVG18D)
  - With inline preamp, mute switch, and LED indicator (CVG12DS, CVG18DS)
  - With inline preamp, mute switch, and light ring indicator (CVG12DRS, CVG18DRS)

### Available SKUs

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

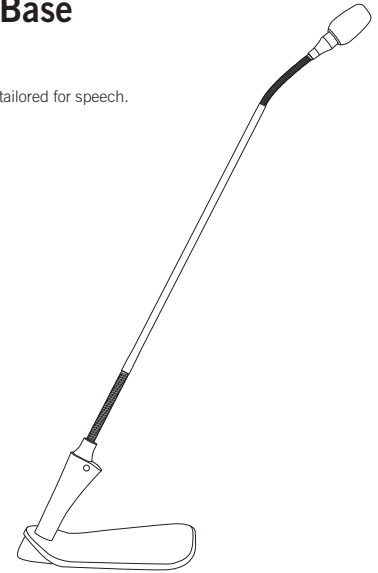
\*Note: Model availability depends on region. See your local Shure dealer or distributor for details.

### Specifications

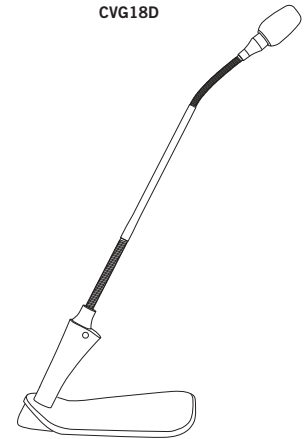
<b>Cartridge Type</b>	Electret Condenser
<b>Frequency Response</b>	70–16000 Hz
<b>Polar Pattern</b>	Cardioid
<b>Output Impedance</b>	180 Ω
<b>Sensitivity (at 1 kHz, open circuit voltage)</b>	-33 dBV/Pa (22 mV)
<b>Maximum SPL (1 kHz at 1% THD)</b>	120 dB SPL
<b>Signal to Noise Ratio (referenced at 94 dB SPL)</b>	67 dB
<b>Dynamic Range</b>	93 dB
<b>Self Noise (equivalent SPL, A-weighted, typical)</b>	27 dB SPL
<b>Common Mode Rejection (10 Hz to 100 kHz)</b>	>45 dB
<b>Preamplifier Output Clipping Level (1% THD)</b>	-7 dBV
<b>Polarity</b>	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3
<b>Power Requirements</b>	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
<b>Environmental Requirements</b>	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%

### Accessories

<b>95A16670</b>	Windscreen	<b>ACVG4WS-B</b>	Replacement Windscreens (4-pack)
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CVG18D



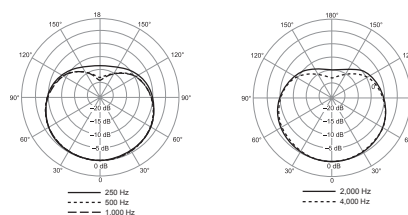
CVG12D

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#### Polar Patterns



#### Frequency Response

