

**SHURE**<sup>®</sup>

LEGENDARY  
PERFORMANCE<sup>™</sup>



CENTRAVERSE<sup>™</sup> INSTALLED SOUND MICROPHONES

**SIMPLICITY.  
REALIZED.**



Centraverse™ Installed Sound Microphones

# INSTALLED SOUND ESSENTIALS.

Shure Centraverse Installed Sound Microphones deliver high quality, reliable audio – and are as easy to install as they are to use. From meeting rooms to houses of worship, podiums to desktops, Centraverse microphones ensure a professional, quick and efficient sound reinforcement solution, every time.



**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





## CVG/CVGD Gooseneck Microphones

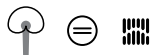
Professional gooseneck electret condenser microphone for use in general installed sound reinforcement applications. Designed with dual gooseneck sections for full articulation, Centraverve goosenecks provide scalable, best-in-class performance in a wide variety of locations, including podiums and desktops.

- Cardioid polar pattern with tailored response for speech
- Dual-section gooseneck positioning
- Available in 12" and 18" lengths
- XLR connector for easy installation
- CVG models include snap fit windscreens and flange mount (CVD desktop base available separately)
- CVGD models include snap fit windscreens and integrated desktop base
- Each available in three configurations:
  - With Inline Preamp only
  - With Inline Preamp and Mute Switch/LED Indicator
  - With Inline Preamp, Mute Switch, and Light-ring



CVGD with Integrated Desktop Base

CVG with Flange Mount

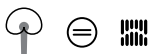


70Hz – 16kHz

## CVO 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.

- Cardioid polar pattern with tailored response for speech
- Black and white color options
- Attached 25' (7.6 m) XLR cable



70Hz – 16kHz

## CVB 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.

- Available in cardioid or omnidirectional polar patterns
- Black and white color options
- Attached 12' (3.6 m) XLR cable
- Superior Shure design and rugged, dependable construction

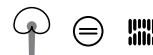


70Hz – 16kHz

## CVL Lavalier Microphone

Professional lavalier electret condenser microphone maintains a low profile lapel style. A reliable, wearable mic for spoken word applications.

- Cardioid polar pattern with tailored response for speech
- Available in black
- Attached 6' (1.8 m) XLR cable



50Hz – 20kHz

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

Key:	Operating Principle	Polar Pattern	Frequency Response
	Dynamic  Condenser	Cardioid  Omnidirectional	Flat  Tailored

# Centraverse™ Microphone Specifications (Note: All specifications are subject to change.)



**CVG12/CVG18  
Gooseneck  
Microphones**



**CVGD12/CVGD18  
Gooseneck  
Microphones**



**CVO Overhead  
Microphone**

<b>Polar Pattern</b>	Cardioid	Cardioid	Cardioid
<b>Cartridge Type</b>	Electret Condenser	Electret Condenser	Electret Condenser
<b>Frequency Response</b>	70–16000 Hz	70–16000 Hz	70–16000 Hz
<b>Output Impedance</b>	180 Ω	180 Ω	180 Ω
<b>Sensitivity</b> <i>open circuit voltage, @ 1 kHz, typical</i>	–33 dBV/Pa (22 mV)	–33 dBV/Pa (22 mV)	–33 dBV/Pa (22 mV)
<b>Maximum SPL</b> <i>1 kHz, at 1% THD</i>	120 dB SPL	120 dB SPL	120 dB SPL
<b>Signal-to-Noise Ratio</b> <i>Ref. 94 dB SPL at 1 kHz</i>	67 dB	67 dB	67 dB
<b>Dynamic Range</b>	93 dB	93 dB	93 dB
<b>Self Noise</b> <i>equivalent SPL, A-weighted, typical</i>	27 dB SPL	27 dB SPL	27 dB SPL
<b>Preamplifier Output Clipping Level</b> <i>@ 1 kHz, at 1% THD</i>	–7 dBV	–7 dBV	–7 dBV
<b>Common Mode Rejection</b> <i>10 Hz to 100 kHz</i>	>45 dB	>45 dB	>45 dB
<b>Operating Temperature</b>	–18 to 57°C (0 to 135°F)	–18 to 57°C (0 to 135°F)	–18 to 57°C (0 to 135°F)
<b>Storage Temperature</b>	–18 to 57°C (0 to 135°F)	–18 to 57°C (0 to 135°F)	–29 to 74°C (–20 to 165°F)
<b>Power Requirements</b>	11–52 V DC, 2.0 mA	11–52 V DC, 2.0 mA	11–52 V DC, 2.0 mA
<b>Weight</b>	CVG/12 6.3 oz. (177 g), CVG/18 6.8 oz. (191 g)	CVGD/12 42.4 oz. (1202 g) CVG/D18 42.9 oz. (1216 g)	4.7 oz. (133 g)



**CVB Boundary  
Microphone**



**CVB Boundary  
Microphone**



**CVL Lavalier  
Microphone**

<b>Polar Pattern</b>	Omnidirectional	Cardioid	Cardioid
<b>Cartridge Type</b>	Electret Condenser	Electret Condenser	Electret Condenser
<b>Frequency Response</b>	70–16000 Hz	70–16000 Hz	50–20000 Hz
<b>Output Impedance</b>	180 Ω	180 Ω	600 Ω
<b>Sensitivity</b> <i>open circuit voltage, @ 1 kHz, typical</i>	–28 dBV/Pa (40 mV)	–32.5 dBV/Pa (23 mV)	–43.5 dBV/Pa (6.5 mV)
<b>Maximum SPL</b> <i>1 kHz, at 1% THD</i>	117 dB SPL	120 dB SPL	139 dB
<b>Signal-to-Noise Ratio</b> <i>Ref. 94 dB SPL at 1 kHz</i>	74 dB	67 dB	72 dB
<b>Dynamic Range</b>	97 dB	93 dB	117 dB
<b>Self Noise</b> <i>equivalent SPL, A-weighted, typical</i>	20 dB SPL	27 dB SPL	22 dB SPL
<b>Preamplifier Output Clipping Level</b> <i>@ 1 kHz, at 1% THD</i>	–6 dBV	–7 dBV	N/A
<b>Common Mode Rejection</b> <i>10 Hz to 100 kHz</i>	>45 dB	>45 dB	N/A
<b>Operating Temperature</b>	–18 to 57°C (0 to 135°F)	–18 to 57°C (0 to 135°F)	–18 to 57°C (0 to 135°F)
<b>Storage Temperature</b>	–29 to 74°C (–20 to 165°F)	–29 to 74°C (–20 to 165°F)	–29 to 74°C (–20 to 165°F)
<b>Power Requirements</b>	11–52 V DC, 2.0 mA	11–52 V DC, 2.0 mA	+5 V DC (nominal), 10 V maximum (DC bias)
<b>Weight</b>	8 oz. (227 g)	8 oz. (227 g)	0.88 oz. (25 g)

# SHURE®

LEGENDARY  
PERFORMANCE™

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