# **Product Specifications**

## **Centraverse<sup>™</sup> 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.

#### **Features**

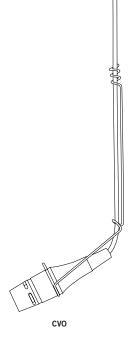
- Available in cardioid or omnidirectional polar patterns
- Black and white color options Attached 25 ft XLR cable
- Available snap-fit windscreen (ACVOWS-B/W 4-pack)
- Commshield® interference immunity
  -Guards against unwanted RF Interference from portable wireless devices (smartphones, etc.)
- -High resistance to intense nearby radio signals
- Superior Shure design and rugged, dependable construction

#### **Available SKUs**

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

#### **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 to 57 °C (0 to 135 °F) Relative Humidity: 0 to 95%	



#### **Accessories**

44A16928	Wire aiming hanger (Black)	95A20541	Windscreen (Black)	ACVO4WS-B	Windscreen (Black, 4-pack)
44B16928	Wire aiming hanger (White)	95B20541	Windscreen (White)	ACVO4WS-W	Windscreen (White, 4-pack)

### Polar Pattern





#### Frequency Response

