

Product Specifications

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.

Features

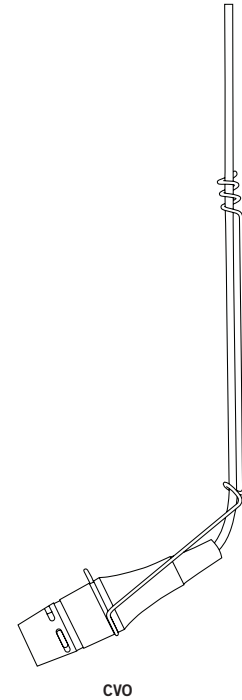
- Available in cardioid or omnidirectional polar patterns
- Black and white color options
- Attached 25 ft XLR cable
- Available snap-fit windscreens (ACVOWS-B/W - 4-pack)
- Commshield® interference immunity
 - Guards against unwanted RF Interference from portable wireless devices (smartphones, etc.)
 - 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

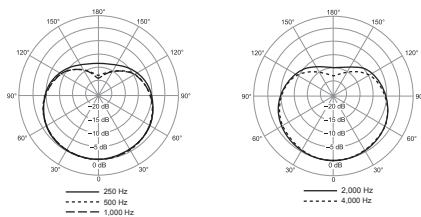
Cartridge Type	Electret Condenser
Frequency Response	70–16000 Hz
Polar Pattern	Cardioid
Output Impedance	180 Ω
Sensitivity (at 1 kHz, open circuit voltage)	-33 dBV/Pa[1] (22 mV)
Maximum SPL (1 kHz at 1% THD)	120 dB SPL
Signal to Noise Ratio (referenced at 94 dB SPL)	67 dB
Dynamic Range	93 dB
Self Noise (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%



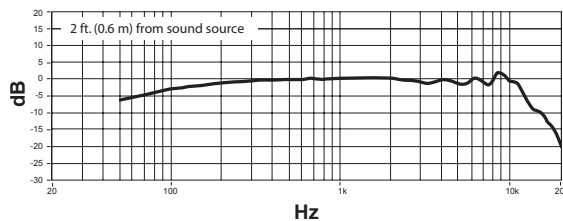
Accessories

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



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