## Installation

1. Install two screws into the mounting surface, exactly 24 mm (15/16 in.) apart. Leave a 5 mm (3/16 in.) gap between the screw head and the mounting surface. Only use screws with a flat-bottom head.
2. Place the microphone onto the screws and slide backwards to lock into place.
3. Connect the XLR cable to a mixer or P.A. system.

**Note:** This microphone requires +48V phantom power to operate.

## Microphone Placement

Use the following information to achieve the best results for each model variation.

### Cardioid

The cardioid model captures sound in front of the microphone and rejects off-axis sounds. It is best suited to capture one person or a small group in close proximity to one another.

### Omnidirectional

The omnidirectional model captures sound from all angles. It is ideal for capturing larger groups and sounds coming from multiple directions.

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### Centraverse Boundary Microphone

The Shure Centraverse CVB is a 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.

### Features

- Superior Shure design and rugged, dependable construction
- Available in cardioid or omnidirectional polar patterns
- Attached 12 ft XLR cable
- Mounting holes for secure installation
- Commshield® technology guards against unwanted RF interference from portable wireless devices (smartphones, etc.)

### Model Variations

- **CVB-B/C:** Black, Cardioid
- **CVB-B/O:** Black, Omnidirectional
- **CVB-W/C:** White, Cardioid
- **CVB-W/O:** White, Omnidirectional

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

CVB / O
Specifications

Cartridge Type
Electret Condenser

Polar Pattern
| CVB/O  | Omnidirectional |
| CVB/C  | Cardioid        |

Frequency Response
70–16000 Hz

Output Impedance
180 Ω

Sensitivity
open circuit voltage, @ 1 kHz, typical
| CVB/O  | -26 dBV/Pa[1] (40 mV) |
| CVB/C  | -32.5 dBV/Pa[1] (23 mV) |

Maximum SPL[2]
1 kHz at 1% THD
| CVB/O  | 117 dB SPL |
| CVB/C  | 120 dB SPL |

Signal-to-Noise Ratio[3]
Ref. 94 dB SPL at 1 kHz
| CVB/O  | 74 dB |
| CVB/C  | 87 dB |

Dynamic Range
| CVB/O  | 97 dB |
| CVB/C  | 93 dB |

Self Noise
equivalent SPL, A-weighted, typical
| CVB/O  | 20 dB SPL |
| CVB/C  | 27 dB SPL |

Preamp Output Level Clipping Level
@ 1 kHz, at 1% THD
| CVB/O  | -6 dBV |
| CVB/C  | -7 dBV |

Common Mode Rejection
10 Hz to 100 kHz
>45 dB

Polarity
Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3

Environmental Conditions

| Operating Temperature | -18 to 57°C (0 to 130°F) |
| Storage Temperature   | -29 to 74°C (-20 to 165°F) |
| Relative Humidity     | 0 to 95% |

Power Requirements
11–52 V DC(4), 2.0 mA

Weight
8 oz. (227 g)

Certifications

Meets essential requirements of all applicable European Directives.
Eligible for CE marking.
The CE Declaration of Conformity can be obtained from Shure Incorporated or any of its European representatives. For contact information please visit www.shure.com
The CE Declaration of Conformity can be obtained from: www.shure.com/europe/compliance
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Headquarters Europe, Middle East & Africa
Department: EMEA Approval
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Email: EMEAsupport@shure.de

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[1] 1 Pa=94 dB SPL
[2] THD of microphone preampifier when applied input signal level is equivalent to cartridge output at specified SPL
[3] S/N ratio is the difference between 94 dB SPL and equivalent SPL of self noise, A-weighted
The microphone operates at lower voltages, but with slightly decreased headroom and sensitivity.

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