

Wired Digital Flush Mount Boundary Microphone

GEN-CUBL/DUBL



GEN-CUBL/DUBL is an elegant retractable boundary microphone designed to maintain a clean and clutter-free conference table. When not in use, the microphone can be gently pressed down to hide seamlessly within the desktop and locks securely in place. A simple press again releases the microphone, allowing it to smoothly rise back to its operating position. The microphone integrates with the GEN-C2000 Digital Networked Conference Processor through an analog connection box, providing reliable performance for wired conference applications.

Features

- Low-profile design suitable for seamless integration on desktops, conference tables, or other mounting surfaces.
- Equipped with an integrated reed switch mechanism that automatically activates the microphone when raised and deactivates it when retracted, ensuring efficient operation and power management.
- Optional capacitive touch button for convenient microphone mute/unmute control and audio pickup management.
- Cardioid pickup pattern designed to capture speech clearly while minimizing ambient noise and feedback.
- Integrated microphone preamplifier and power supply module eliminate the need for an external power supply unit.
- Robust all-metal construction with dual-layer steel mesh protection for enhanced durability and reliability.
- Supports operation with DC 11 V to 52 V phantom power for broad compatibility with professional audio systems.
- Provides audio output through a 3-pin XLR connector or 3.5 mm Phoenix connector.
- Features a built-in ring-shaped LED indicator for clear visual status indication of microphone operation.
- Incorporates an internal RF filter to suppress radio frequency interference and ensure clean audio performance.

Specification

Mic capsule.....electrostatic capacitive type
Directivity Pattern.....Cardioid
Frequency response..... 20 Hz-20 KHz
Turn-on sensitivity -20 dB (10 mV) at 1V at 1 Pa Impedance 200 ohm
High maximum.....SPL 142 dB SPL, 1 kHz at <1% T.H.D.
Dynamic range.....(typical) 113 dB, 1 kHz at highest sound pressure level
S / N.....106 dB, 1 kHz at 1 Pa
Phantom power.....DC 11-52V, power consumption 5.7 mA typical
Switch Touch control.....On / Mute
Overall.....length 84.8 mm, diameter 38.0 mm, maximum width 48.0 mm