



Product Overview

VM-BDZ01C is a passive desktop chairman conference microphone with a patented CNC digital exterior and premium aluminum alloy & tempered glass build for superior durability. Integrating speech pickup, control and auto video tracking, it features a 2.69-inch high-brightness full-view TFT display and silent mechanical keys for noise-free conference use.

Powered by safe DC24V host supply with low power consumption, it adopts advanced chips and exclusive algorithms to deliver ultra-low noise, high-fidelity audio. Equipped with a threaded detachable metal gooseneck mic with red LED status ring, it supports 8P-DIN/RJ45 daisy-chain wiring with customizable cables. Offering unlimited chairman unit placement, one-key priority mute, bilingual UI and factory reset, it fits all formal conference scenarios.

Suitable for applications including:

- ✓ Government official conference rooms
- ✓ Enterprise multi-functional meeting halls
- ✓ Corporate negotiation & board rooms
- ✓ Hotel conference centers
- ✓ University academic lecture rooms
- ✓ Command and dispatch control rooms
- ✓ Large exhibition forum venues
- ✓ Party building meeting spaces



Chairman Unit

[TFT Color Screen, Desktop-Mounted with Short Gooseneck]

VM-BDZ01C

Key Features

1. Patented CNC alloy body with tempered glass panel, stylish, sturdy and durable for premium conference scenarios.
2. All-in-one design supports speech pickup, priority control and automatic video tracking.
3. 2.69-inch high-brightness TFT full-view display with Chinese/English bilingual UI.
4. Silent mechanical buttons ensure noise-free operation for quiet meetings.
5. Advanced chip and exclusive audio algorithm deliver ultra-low noise and crystal-clear vocal performance (SNR > 90dB).
6. Metal gooseneck mic with replaceable pop filter and red LED ring for speaking status indication.
7. Dual 8P-DIN & RJ45 ports support flexible daisy-chain wiring and customized cable length.
8. DC 24V passive host power supply with low power consumption for stable & safe operation.
9. Unlimited chairman unit installation with one-key priority mute function.
10. Detachable threaded modular structure reduces handling noise and enables easy maintenance.

Technical specifications

Model	VM-BDZ01C
Housing Color	Black
Base Housing Material	High-strength aluminum alloy (CNC patented exterior)
Gooseneck Design	Full-metal flexible gooseneck, modular threaded connection with base, detachable
Status Indicators	Red LED ring on microphone tube (illuminates when active); base status indicator LEDs
Base Dimensions	117 mm × 154 mm × 51 mm × 17 mm
Frequency Response	20 Hz – 20 kHz
Sensitivity	–40 dBV/Pa
Input Impedance	2 kΩ
Maximum SPL	125 dB (THD < 3%)
Signal-to-Noise Ratio (SNR)	> 90 dB @ 1 kHz
Dynamic Range	> 96 dB
Total Harmonic Distortion (THD)	< 0.05%
Operating Voltage	DC 24V (supplied by conference system host, passive design)
Power Consumption	60 mA (standby mode), 70 mA (microphone active mode)
Connection Ports	8P-DIN socket, RJ45 Ethernet port
Operating Temperature	0 °C – 45 °C
Storage Temperature	-20 °C – 70 °C
Operating Humidity	10% – 90% RH (non-condensing)