



Product Overview

VM-BDZ05D is a digital desktop delegate conference microphone featuring patented CNC-machined all-aluminum alloy housing with elegant and sturdy construction.

It supports talk activation and automatic video tracking. Fitted with silent high-sensitivity mechanical buttons, it avoids switching pop noise for a serene meeting atmosphere. Powered by advanced chips and exclusive audio algorithms, the professional cardioid capsule provides ultra-low self-noise and transparent vocal reproduction.

The detachable threaded metal microphone boom reduces handling noise, and the red LED ring clearly signals active speaking status.

It adopts safe DC24V SELV power supply via standard T-type 8P daisy-chain cable. Equipped with LED status indicators, bilingual Chinese & English UI and factory reset function, it works perfectly with digital conference host systems for government and enterprise meeting rooms.

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



VOKON Delegate Unit

[Desktop-Mounted with Short Gooseneck]

VM-BDZ05D

Key Features

1. Patented CNC precision-engineered all-aluminum alloy housing, delivering sleek, dignified aesthetics and robust long-term durability for premium conference environments
2. Integrated talk activation, chairman priority override and automatic camera tracking, enabling efficient unified meeting management
3. Professional silent high-sensitivity mechanical buttons eliminate switching pop noise to maintain quiet, undisturbed conference atmosphere
4. Advanced processor architecture paired with proprietary signal processing algorithms, maximizing audio capture performance
5. Precision-tuned audio circuitry matched with dedicated capsule, achieving ultra-low self-noise and crystal-clear transparent vocal reproduction
6. Sturdy metal base with visible status indicators for instant recognition of operating state
7. Detachable full-metal microphone boom with threaded connection, minimizing handling noise and simplifying transportation
8. Red LED indicator on mic head illuminates to signal active speaking status; replaceable anti-pop foam windscreen included
9. Safe DC24V SELV passive power supply via standard T-type 8P daisy-chain cable; custom-length extension cables available
10. Supports unlimited chairman units freely arranged in daisy-chain loop, built-in factory reset and Chinese/English bilingual UI for global projects

Technical specifications

Model	VM-BDZ05D
Microphone Type	Cardioid electret condenser
Frequency Response	20 Hz – 20 kHz
Sensitivity	–40 dBV/Pa
Signal-to-Noise Ratio	>90 dB (at 1 kHz)
Total Harmonic Distortion (THD)	<0.05%
Indicator Type	Red LED ring + base status indicator lights
Connection Port	8P-DIN socket
Power Supply	DC 24V SELV (passive power from central host)
Base Unit Dimensions	117 × 154 × 51 × 17 mm