

HY-CS500D

Digital Delegate Conference Microphone

Description

- Uses advanced and stable "IRIN" chip, DSP/DDOV digital conference technology to achieve digital signal transmission and processing
- Built-in high-fidelity 9.7mm gold-plated capacitive microphone capsule, effectively improving voice frequency response range and pickup sensitivity
- High-sensitivity pickup design with built-in automatic gain control (AGC) function, effective pickup distance up to 50-60cm
- Adopts high-fidelity lossless audio transmission technology, 48KHz audio sampling frequency, sensitive pickup, clear voice, frequency response up to 20Hz-20KHz
- Panel features a 48mm length speaking indicator light, customizable speaking and numbering indicator lights for different identities displayed in different colors
- Speaking button has both graphic and Braille dual markings
- Microphone rod connector and stud are made of pure copper to ensure pickup effect and sound restoration
- Sponge cover has anti-fall-off function, made of elastic, breathable material with built-in buckle anti-loosening bracket, not easy to fall off or deform during use
- Comes with professional aluminum foil and water line shielding 1.2m 8-core or 1.5m CAT5 cable, effectively preventing electromagnetic interference of the line
- Supports FIFO and free discussion meeting modes, number of speakers can be set to 1/2/3/4/5/6 units
- Uses digital ID addressing method, customizable ID numbers, with digital identification code; signal stream can be output to third-party voice recognition systems for conversion to text archiving
- Works with HD cameras for automatic speaker tracking and image switching, supports image freeze and multi-camera tracking of the same unit
- Supports connection of 8 chairman units; chairman has control order and priority speaking rights, can mute other speaking delegates
- Features "hot-swappable" function, supports automatic repair and quick fault location without affecting other devices' operation
- Has strong anti-interference capability, effectively isolating interference from mobile phones, radio waves, Bluetooth, Wi-Fi, etc.

Specifications

Mechanical	
Microphone capsule type	9.7mm gold-plated capsule
Polar pattern	Cardioid electret
Frequency response	20Hz-20KHz
Sensitivity	-37dB±2dB
Output impedance	<200Ω
Maximum sound pressure level	125dB (1% T.H.D. 1kHz, 0dB SPL=2x10Pa)
Signal-to-noise ratio	>90dB
Dynamic range	>96dB
Equivalent noise	18dB, A-weighted
Connection method	T-head, splitter box
Connection cable	8-core DIN interface RJ45 interface (optional)
Power supply	DC24V host power supply
Microphone rod length	390mm
Base dimensions	185×150×40mm (excluding microphone rod)

All Information Copyright 2026 (HUAIN)