

# HY-6530C

## Digital Touch Chairman Conference Microphone

## Description

- Uses the advanced and stable "IRIN" chip and DSP/DDOV digital conference technology to achieve digital signal transmission and processing
- Built-in high-fidelity 9.7mm gold-plated capacitive microphone capsule, precisely calculating aperture and spacing, effectively improving vocal frequency response range and pickup sensitivity
- Unique cavity and microphone design combined with interference correction technology to precisely control pickup details, accurately controlling pickup angle and avoiding acoustic feedback and howling
- High-sensitivity design with built-in automatic gain control (AGC) function, effective pickup distance up to 50-60cm
- Uses FTC334C professional capacitive touch key processing chip, virtual touch keys with no mechanical key noise when switching on/off, ensuring long service life
- Adopts a desktop streamlined design, embedded with steel mesh, glass or acrylic, and metal lines, featuring a modern technological feel
- Equipped with a 2" LCD high-brightness display and a 6" large capacitive touch panel, capable of displaying system ID, speaking time, and other information
- Features speech timing and timed speaking functions, supports dynamic display of speaking time, and allows setting of countdown time for speaking
- Uses high-fidelity lossless audio transmission technology, supports 48KHz audio sampling frequency, sensitive pickup, clear voice, with frequency response up to 20Hz-20KHz
- Microphone rod joints and all studs are made of pure copper to restore sound quality, ensure stable quality, and guarantee pickup distance and sound quality
- Uses high-quality sponge covers with good elasticity, breathability, and anti-loosening functions, which are not easy to fall off or deform during use
- Equipped with intelligent audio detection function, automatically inverts and attenuates audio when two adjacent units are close to prevent howling
- Supports "ring hand-in-hand" connection, comes with professional 8-core or CAT5 cables, with full aluminum foil and water line shielding to effectively prevent electromagnetic interference
- Supports eight meeting modes: quantity limit, first-in-first-out, last-in-first-out, chairman permission (request to speak), voice-activated start, timed speaking, queue speaking, and free discussion
- The number of speakers can be set from 1 to 20, with no limit for chairman and VIP units; free discussion mode has no limit on the number of speakers and can be fully opened

## Specifications

| Mechanical | |
|---|---|
| Microphone capsule type | 9.7mm gold-plated capsule |
| Polar pattern | Cardioid electret |
| Display | 2" LCD display |
| 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 level | 18dB, A-weighted |
| Connection method | T-head, splitter box |
| Headphone output interface | Φ3.5mm stereo jack |
| Connection cable | 8-core DIN interface or RJ45 interface (optional) |
| Power supply | DC24V host power supply |
| Microphone rod size | 390mm |
| Base size | 166×125×52mm (excluding microphone rod) |


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