

Digital Array Conference System

Chairman & Delegate Units

Model: CLA-CON20ARW-C&D



SUMMARY

- This advanced digital conference microphone system is designed for professional, large-scale meetings, combining high-fidelity audio, intelligent management, and durable construction. It features 17 gold-plated condenser pickup heads with lateral sound source and angle array technology, a wide 150° pickup angle, automatic gain control, and intelligent audio detection to ensure precise sound capture without feedback. The streamlined desktop design eliminates goosenecks for unobstructed communication, while the all-aluminium alloy body with Mohs hardness 6 touch glass panel provides waterproof and dustproof protection. Silent capacitive touch buttons, sponge pads to reduce noise, and a hidden adjustable gain knob enhance usability. The system supports lossless 48kHz audio transmission with a 30Hz-20kHz frequency response and includes an OLED display for system ID and speech timing, countdown functions, and three-color indicators for status. Connectivity is ensured through shielded CAT5 cables with strong anti-interference capability, supporting eight conference modes, up to 240 chairperson units, and 150 VIP units with customizable identity permissions through controller. It supports any PTZ cameras enable automatic speaker tracking and picture switching, while chairperson units can manage speech requests and control meeting flow through controller, 3.5mm headphone jack for monitoring, making it a comprehensive solution for clear, reliable, and efficient conference communication.

FEATURES

1 / 2

1. Featuring a streamlined desktop design that eliminates visual obstructions, enabling participants to communicate seamlessly while enhancing the overall aesthetic of the conference environment
2. Constructed with a robust all-aluminum alloy body and embedded Mohs hardness 6 touch glass panel, the unit offers superior waterproof and dustproof protection, ensuring uninterrupted performance even against accidental spills during meetings
3. Adopt 150° pickup angles, with a larger range of pickup, whether sitting or standing, can ensure the sound quality effect
4. It adopts high-fidelity lossless audio transmission technology, 48KHz audio sampling frequency, sensitive sound pickup, clear voice, and frequency response can reach 20Hz-20KHz.
5. It has three color indications, red for normal speech, green for VIP unit speech, and yellow for number status
6. Supports reliable 'ring hand-in-hand' connectivity with professional CAT5 cabling, featuring aluminum foil and waterline shielding to deliver stable transmission while effectively eliminating electromagnetic interference
7. Offers versatile functionality with eight advanced conference modes—including quantity limit, FIFO, LIFO, chairman approval, voice-activated start, time-controlled speech, queued participation, and free discussion—providing flexible and efficient management for any meeting scenario
8. Powered by the advanced and stable IRIN chip with DSP/DDOV digital conference technology, the system ensures seamless digital signal transmission and precise audio processing for superior performance

9. The sensitive touch switch is matched with the long light bar. the light bar is always bright green when standby, light bar is always bright red after pressing, and also has color switching function
10. Equipped with 17 built-in 9.7mm gold-plated condenser pickup heads utilizing lateral sound source and angle array technology, the system delivers exceptional precision by capturing every audio with unmatched clarity
11. Designed with a unique cavity and integrated one-piece steel mesh, the system leverages advanced pickup correction technology to precisely control sound quality and angle, effectively eliminating acoustic feedback and howling for a clear, uninterrupted audio experience

Digital Array Conference System

Chairman & Delegate Units

Model: CLA-CON20ARW.-C&D

SPECIFICATIONS

Model No.	CLA-CON10ARW -C&D
Working Voltage	24VDC $\pm$ 5 %
Cable	RJ45(CAT6)
Capsule	Electret Array
Sensitivity	-37dB $\pm$ 2dB
Frequency response	20Hz~20KHz
S/N ratio	> 90dB
T.H.D	< 0.05%
Display	IPS TFT
Standard	IEC 60065
Earphone jack	3.5mm $\times$ 1
Size (L $\times$ W $\times$ H)	28.4 X 6.4 X 5.0 cm
Colour	Black
Installation	Desktop style