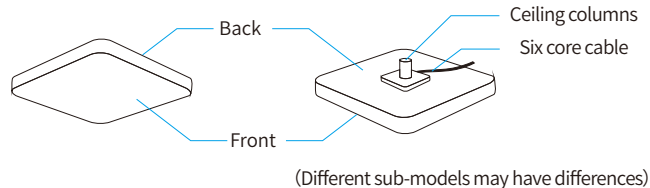


XDC236-AP

Wire & Wireless Integrated Digital Conference System - Wireless Gateway (AP)

Appearance



Feature

- * Wired and wireless integration, the host can schedule and manage wired units and wireless units in a unified manner.
- * The wireless subsystem has audio clock synchronous transmission technology with a delay of less than 4ms. The wired subsystem audio uses uncompressed audio transmission to ensure audio quality. The wired subsystem uses custom shielded 6-core cable.
- * Wireless gateway (AP), extending wireless access range.

- * Each subsystem audio output is independent and the volume can be controlled separately. The wireless subsystem includes 4 independent channel outputs and 1 MIX output. One MIX audio output for the wired subsystem.
- * Based on iMeetingPlat™ technology platform, bringing a new user experience. Conference status and configuration are clear at a glance.
- * Conference Mode: First in first out / Quantity limited.
- * Using high-speed 6-core digital cable to transmit data and power supply, the transmission distance can reach up to 150 meters.
- * Sampling frequency 48KHz, frequency response 20Hz-20kHz, achieving CD-level sound quality.

Instructions

This device must be connected to the XDC230 series conference system host. The "Wired Interface -4" interface on the back of the XDC236 conference host is connected to this device. This link cannot be used to connect other devices in series.



Wired Interface -4, Support AP connection

After this device is connected to the XDC230 series conference host, the host configuration needs to be modified as follows:
"Setting" - "System" - "Channel" - "Channel Management" - "Wireless Audio Path": Change to "Wireless Gateway (AP)" option.
Restart after modification to complete the configuration.

Parameters

1. Wired Sub-System

Item	Parameters
Mode	Voice: analog communication, Control: digital communication
S/N	>96dB
Dynamic Range	96dB
T.H.D	<0.1% (@1KHz)
Freq. Response	50~16KHz
Freq. Response Attenuation	<1dB (20Hz~20KHz)
Latency	<1ms
Master Gain Control	15× 1dB and off (mute)
Transmission Medium	High-speed 6-core digital cable
Harmonic Distortion	<0.5%
Connector	6Cores DIN*5
Input Channel	1route 6P DIN
Output impedance	470Ω

2. Wireless Sub-system

Item	Parameters
Mode	Voice: Digital Communication Control: Digital Communication
Modulation	Voice Channel :PI/4 DQPSK Control Channel: GFSK
Carrier freq. band	668MHz~698MHz
Bandwidth	30MHz
S/N	>96dB
T.H.D	<0.2% (@1KHz)
Freq. Response	30Hz~18KHz
Freq. Response Attenuation	<2dB (20Hz~20KHz)
Latency	<4ms
Distance	50~80m(Distraction-free environment)
Distortion	<0.5%
Antenna Mechanism	Antenna diversity
Antenna	600MHz Antenna & 2.4GHz Antenna

3. Electrical physical parameters

Item	Parameters
Power Consumption	12W
Power Supply	Conference system cable power supply.
Weight	800g
Size	600mm x 600mm x 200mm
Material	Acrylic shell
Temperature	Working: 0 to 45°C; Storage and transportation: -20 to 55°C (low temperature may affect the performance of lithium batteries)

Others

- The wireless subsystem of this device uses both the 600MHz frequency band and the 2.4GHz frequency band.
- iMeetingPlat™ is a professional conference system architecture platform technology, consisting of relevant standard interface protocols and patents. Including: wired & wireless 2.4GHz conference system management channel communication protocol, wired & wireless 600MHz conference system voice channel communication protocol, conference system UI control communication protocol.



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