

HY-CL5830

2.4G Wireless Signal Transceiver

Description

- Uses a 14Dbi directional high-gain planar antenna in the 2.4-2.5GHz band with an input impedance of 50Ω
- Built-in 2.4G ultra-low power wireless module, featuring a 64K digital audio sampling rate and 16-bit sample quantization to ensure sound quality from the source
- Employs 2.4G full digital frequency hopping (DSSS) modulation communication technology, using an unlicensed ISM band, globally applicable without regional restrictions
- Uses 128-bit AES Rijndael and 48-bit PIN code encryption to prevent eavesdropping and unauthorized access, ensuring meeting privacy
- Includes a powerful built-in wireless audio transmission protocol that utilizes extensive coexistence mechanisms to avoid interference with wireless conference units
- Built-in digital circuitry significantly amplifies the 2.4G wireless signal, making communication between conference units more stable
- 360-degree omnidirectional communication, adaptive frequency hopping, forward error correction, and retransmission mechanisms ensure data is never lost
- Automatically intercepts wireless conference devices not authorized by the wireless conference host, enhancing security
- Directly connects to the host without external power supply, with both receiving and transmitting functions
- Radiation range up to 60 meters, supports multiple installation methods including wall-mounted and desktop
- No external power supply required, can be used by directly interfacing with the wireless conference host and wireless transceiver
- Color: silver white

Specifications

Mechanical	
Operating frequency	2.4G-2.5G
Modulation method	DSSS
Power supply	host powered
Receiving/transmitting angle	360° omnidirectional
Radiation range	60-meter diameter
Transmitting power	18dBm
Cable specification	SYV50-3
Panel size	173×173×30mm
Installation methods	wall-mounted, desktop

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