



INFRARED WIRELESS CONFERENCE SYSTEM



Overview

The infrared conference system has all the advantages of infrared communication complete with wireless transceiver microphone units. Wireless infrared technology provides the user with greater flexible whilst configuring the system and freedom of choice when placing microphones, it guarantees conference privacy and protects the system from wiretapping and radio interference. It's the best wireless conference solutions for small-scale conferences

System Features

- ▶ Infrared transmission technology guarantees privacy
- ▶ Perfect sound quality as CD from the microphone
- ▶ IR communication system eliminates the need of connection the conference units. Installation can be done quick and smart without cumbersome arrangements
- ▶ Fully functions (Discuss & Video tracking), support FIFO (1/2/3), Limit (1/2/3) and chairman only mode, microphones in one system up to 127 units
- ▶ Microphones can be operated on either their build-in rechargeable LI-Polymer batteries or AC power supply, battery life approx. 7 hours during speech and approx. 30 hours when standby
- ▶ Microphone OLED can display system and conference information
- ▶ Excellent immunity to RF interference from mobile phones and RF devices

Distributor

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Center Control Unit

Model : H-8700M



System Features

- ▶ Infra-red transmission technology guarantees privacy
- ▶ Support Mode : Limit (1/2/3) , FIFO (1/2/3) and Chairman Only
- ▶ Support video camera auto-track with video processor
- ▶ 160x32 dot matrix LCD display system information
- ▶ Two group audio output interface : 1 AF Out , 1 Line Out
- ▶ Installation : 19 inch frame
- ▶ OLCD display current mode ,online microphone number ,activity microphone number and ID
- ▶ LED indicator: Data communication indicator, if main unit data communication properly, the blue LED will flashing rhythmically , separate 4 channels
- ▶ Audio channel indicator (first channel for chairman mic, others for delegate)
- ▶ Audio Level Control.
- ▶ Antenna built-in
- ▶ Admin card Interface for admin to control the system
- ▶ Designed accordance to UL and CE Standard
- ▶ If main unit turn-off power , microphone will shut off the power within 60 seconds.

Specification

▶ Transmission Method	Wireless infrared
▶ IR transceiver connection interface	8 Inputs
▶ Output	AF-out ,XLR
▶ External video processor connection interface	RS-485
▶ RS232 data control interface	PC , Central Control System
▶ Power supply	AC110V-240V/50 Hz-60 Hz
▶ Frequency response	30Hz -20 KHz
▶ T.H.D>	<0.05%
▶ Power supply	AC110V-240V/50 Hz-60 Hz

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Chairman Unit

Model : H-8700C



Features

- ▶ Infra-red communication system.
- ▶ Unidirectional removable microphone stem
- ▶ Microphones can be operated on either their build-in rechargeable LI-Polymer batteries or AC power supply, battery life approx. 7 hours during speech and approx. 30 hours when standby
- ▶ LED light on the microphone to show status
- ▶ On-Off Button with LCD display microphone ID, signal level, battery level, microphone state, control channel, etc. on the base
- ▶ Priority function : Chairman can turn off delegate microphones any time
- ▶ Equipped with microphone on/off key and indicator.
- ▶ Equipped with 5 function keys to set microphone id, control channel, LCD contrast and light time.
- ▶ Monitor volume adjustable and mute
- ▶ Service calling function key.
- ▶ Earphone monitor 3.5mm jack
- ▶ DC Adaptor input for Charging or emergency using.
- ▶ Automatically detect the infrared signal when turn on the microphone.

Specification

▶ Transmission Method	Wireless infrared
▶ Microphone Pattern	Unidirectional
▶ Frequency Response	30Hz-20 kHz
▶ Audio Carrier Frequency Band	4-8 MHz
▶ Data Control Frequency Range	433 - 441 MHz
▶ Infrared Operating	30 meters @ 90° (Vertical) , 360° (Horizontal)
▶ Battery	Lithium-ion (12V 4,000 MAH) ,
▶ Dimensions	168×145×60mm
▶ Net weight	1.2 kg (with battery)

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Delegate Unit

Model : H-8700D



Features

- ▶ Infra-red communication system.
- ▶ Unidirectional removable microphone stem
- ▶ Microphones can be operated on either their build-in rechargeable LI-Polymer batteries or AC power supply, battery life approx. 7 hours during speech and approx. 30 hours when standby
- ▶ LED light on the microphone to show status
- ▶ On-Off Button with LCD display microphone ID, signal level, battery level, microphone state, control channel, etc. on the base
- ▶ Equipped with microphone on/off key and indicator.
- ▶ Equipped with 5 function keys to set microphone id, control channel, LCD contrast and light time.
- ▶ Monitor volume adjustable and mute
- ▶ Service calling function key.
- ▶ Earphone monitor 3.5mm jack
- ▶ DC Adaptor input for Charging or emergency using.
- ▶ Automatically detect the infrared signal when turn on the microphone.

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Model : H-8500 Series

Model : H-8700T



Features

- ▶ adopt impedance balancing branch connector (4 inputs, 1 output)
- ▶ Low insertion loss computation
- ▶ Perfect plating surface treatment with excellent shielded function
- ▶ Input/Output Impedance 50 Ω
- ▶ Terminal type BNC
- ▶ N.W 670g

Model : H-8700RT



Features

- ▶ IR infrared module for H-8700C and H-8700D
- ▶ Wide-angle, receiving range is approximately 150 degrees
- ▶ Receiving sensitivity : -85dBm
- ▶ Signal gain more than 40 dBm
- ▶ Adopt low consumption electro circuit
- ▶ Wall/ceiling installation option.
- ▶ Output Impedance 50 Ω
- ▶ Terminal type BNC

Model : H-8700CG



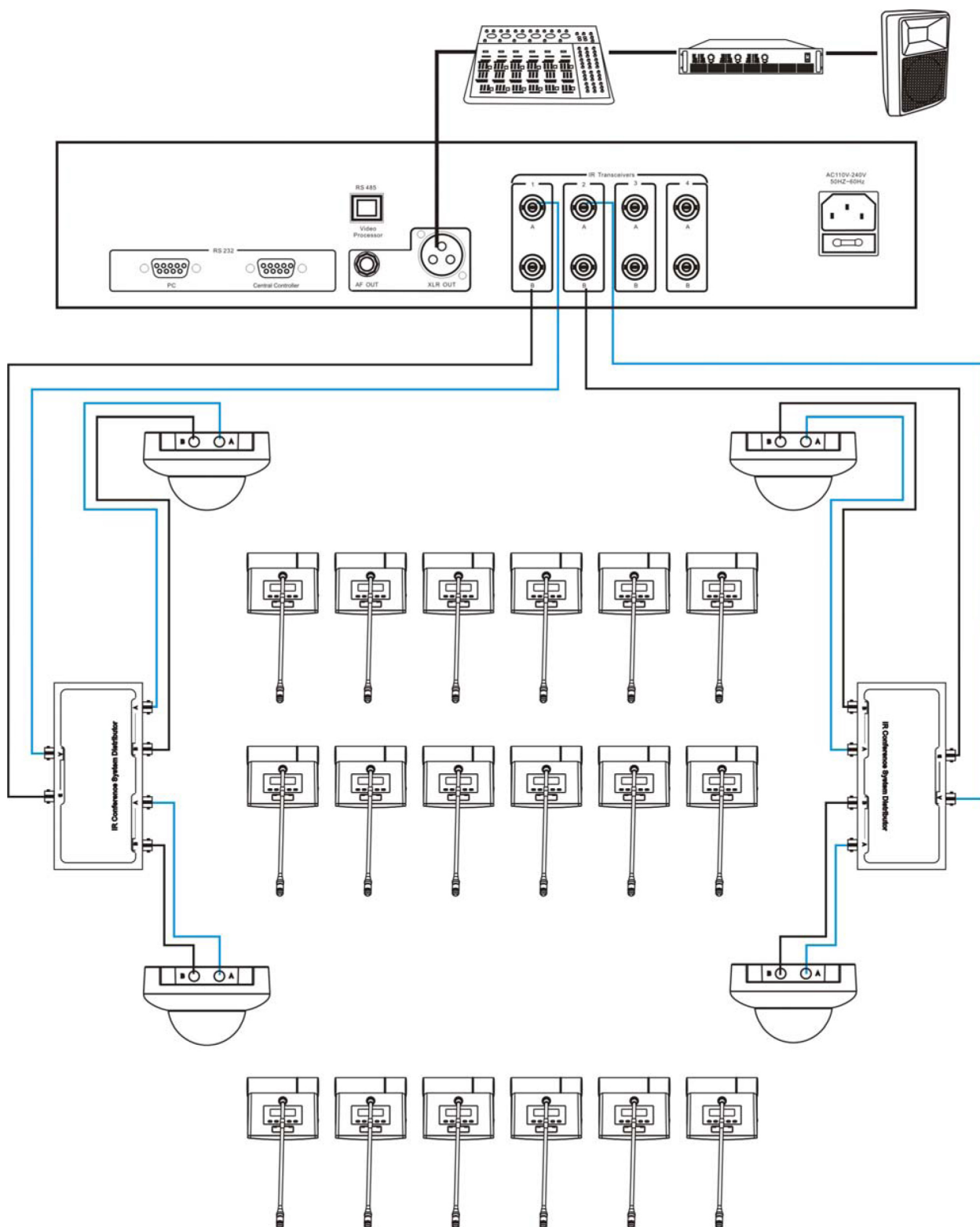
Features

- ▶ Usage for H-8700C and H-8700D
- ▶ Charges 16 pieces of Lithium-ion battery per charging
- ▶ Intelligent charging management electro circuit to protect the Lithium-ion battery.
- ▶ Equipped with extendible handle and pulley, easy for moving
- ▶ Charging time 8 hours.



Connecting Diagram

Model : H-8500 Series



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