

# IR Conference System



## AM-5000

### ≡ Product introduction:

AM-5000 is a new generation wireless conference system. It adopts infrared ray to transmit audio data, which ensures the confidentiality of the conference.

### ≡ Main features:

- Up to 128 units work with one main controller.
- Maximum 3 delegate units and 1 chairman unit can work at the same time.
- With LCD windows in both main controller and speaking unit.
- Built-in lithium battery. It supports 8 hours continuously speech or 25 hours standby.
- Compatible with central controller.
- One-Press-Off, enable to switch off all activated unit from the controller.
- Infrared ray transmitting ensures the confidentiality.
- Anti-interference from RF signal and strong lighting application environment.
- With camera tracking.

### ≡ Features of microphone unit:

- Professional and elegant zinc alloy panel.
- Hyper-cardioid directional gooseneck microphone.
- OLED display.
- Red ring status indicator.
- 8 hours battery life.
- Detachable design.



### Specifications of AM-5000M

General	
Power supply	AC110V-220V 50/60Hz
Power consumption	10W
Weight	6Kg
Dimension	483 x 323 x 90 mm
Audio Communication: Infrared Ray	
Carrier frequency	1.7MHz-4MHz
Modulation	FM
Receiving sensitivity	-85dBm
Output level	-10dB
Frequency response	100Hz-12KHz
SNR	>70dB
Distortion	<0.5%
Cover distance	≤35m
Control Communication: RF	
Carrier frequency	443MHz-441MHz
Modulation	FSK
Receiving sensitivity	-80dBm
Cover distance	≤40m



### Specifications of AM-5000C/D

General	
Power supply	Lithium-Battery 12V/4000MAH
Power consumption	5W
Weight	0.7Kg
Dimension	195 x 165 x 60 mm
Audio Communication: Infrared Ray	
No. of channels	4
Carrier frequency	2MHz-4MHz
Modulation	FM
Emission power	+10dB
Sensitivity	-47dBm±2dB
Frequency response	100Hz-12KHz
SNR	>70dB
Distortion	<0.5%
Control Communication: RF	
No. of channels	10
Carrier frequency	433MHz-441MHz
Modulation	FSK
Sensitivity	-80dBm
Transmitting power	10dBm(Adjustable)
Transmission rate	100kbps



### Specifications of AM-5000R

Frequency range	1.7MHz-8MHz
Power supply	DC18V supplied by main controller
Current consumption	25mA
Receiving sensitivity	-85dBm
Gain	40dBm
Output impedance	50Ω
Connector	BNC
Dimension	Φ100 x 74 mm
Weight	0.5Kg