

EIKI

WIRELESS **2.4G** CONFERENCE

CONFERENCE
TECHNOLOGY
全数字会议系统



CE

SYSTEM DESCRIPTION:

Designed for wireless audio and video digital conferencing systems specifically, the system without complicated cable installation, it can configured to: Conference discussion systems, multimedia video conferencing systems, remote video conference system, the system using 2.4G band public, without any applications ,the advanced frequency hopping 2.4G DSSS and digital transmission technology which greatly reduces the impact of various interference signals, 2.4G has a unique transmission characteristics, whole have a bad ability of passes obstacles, so it can prevented the leakage of signals, digital transmission technology, consummate communication protocol to ensure security of the conference content, system that can meet the needs of ordinary fixed conference room, and can also set up a mobile conference room, and in the convenient premise, providing a highly reliable conferencing solutions.

EIKI digital wireless conference system reference to a large of inland and international industry standards, in line with various types of industry standards.

This system is designed to meet the following criteria and specifications:

- 1、《Electrical and audio requirements for the conference systems》 GB/T15381-94
- 2、《Code for construction and acceptance of low-voltage apparatus Electric equipment installation engineering 》 GB50254-96
- 3、《Stand for design of intelligent building》 GB/T50314-2006
- 4、《Telecommunication Generic Cabling System for Building》 YD / T 926.1-97

SYSTEM FUNCTION:

- 1、 Discuss speech function: 1~4 FIFO
- 2、 Automatic camera tracking function

System support up to 255 microphones to participate in the meeting. Support for three chairmen microphones, three VIP microphone to participate in the meeting, the effective distance of receiving antenna is 25m, the antenna divided into Omni-directional antenna and directional antenna, base on requirement of different venues, and can extend the antenna cable to the desired location, and it up to 20m, the system support four microphone FIFO, and also supports video tracking function, the largest number of microphone is 4, each microphone unit has a mute switch, speak light,

(Support for 4 microphone units speaking at the same time, Conference VIP customer needs, any one delegate unit microphone can be set VIP microphone, VIP microphone will not enter the FIFO mode, independent speeches function, and long-term open. It has to take up the speech microphone number.)

Applies to all sizes and purpose of the meeting occasions.



EMMU01 CENTRAL CONTROL UNIT:

EMMU01 system designed specifically for wireless audio and video digital conference, the host system without complicated cable installation, and flexible configuration by meeting requests: conference discussion system, video multimedia conferencing system, remote video conferencing system, this system adopt the most public 2.4G band in the world, the installation without any application, the advanced 2.4G frequency hopping and digital transmission technology, which greatly reduces the variety of interference signals on the system operation.

System support 255 microphone units maximum, and support up to three chairmen microphones, Three VIP microphones to participate in the meetings, the effective distance of receiving antenna is 25m, the antenna divided into Omni-directional antenna and directional antenna, base on requirement of different venues, and can extend the antenna cable to be extended to the desired location, and it up to 20m. This system support FIFO mode, : max 4 pcs. Support video-tracking mode at the same time.

CHARACTERISTICS:

- 2.4 G digital wireless transmission
- Valid range is 25m
- Support up to 255 microphone units
- It supports up to 4 Units speaking at the same time
- Built-in DSP audio processing module which can limit prevent screaming
- 32-bit address frequency technology, strong anti-jamming capability, increase data • confidentiality, and prevent malicious radio interference
- LED display, all features are there in the LCD display.
- Flexible configured be: Meeting discussion system, video tracking conference system
- Built-in 3 into 1 video matrix
- Main input and built-out MIC input and output, pre-filter aux output and recording output interface
- Response time≤1S (Under100 set)
- Unique system detection function, boot can automatically detect receiver unit coding, and automatic for frequency connection
- Firm and reliable installation: Standard 1.5U housing rack mounting, aluminum alloy. The Panel consider to aesthetics. Inside the enclosure, and opening design reasonable, have good heat dispersion.
- Support for 4 microphone units speaking at the same time.

TECHNOLOGY PARAMETERS:

MODEL	EMMU01
Power supply	America, Japan: AC 110V~120V 60Hz Asia, Europe: AC 220V~240V 50Hz (manually)
Power	Standard:<50 W
Frequency response	80-18000 Hz (3 dB)
SNR	>80 dB(A)
Dynamic range	>90 dB
THD	≤0.01%
Channel crosstalk	>80 dB
Display	128*64 LCD
Temperature. Humidity	-20~60°C/0-95%
Waterproof	prevent rain, dustproof, waterproof, salt fog
Power / consumption	115/230Vac (±5%) – 50/60Hz / 50 VA
Dimensions	431 x 256 x 66 mm
Weight	4KG

2.4 G WIRELESS MICROPHONE – EMC01/EMD01

Succinct designs, pluggable gooseneck microphone with light ring, convenient packing and shipping, the standard aviation 4P head with Lock tight joint, stable and reliable.

This system adopt the most public 2.4G band in the world, the installation without any application, the advanced

2.4G frequency hopping and digital transmission technology, which greatly reduces the variety of interference signals on the system operation.

2.4G has a unique transmission characteristic, Difficult to bypass the big obstacles, the signal hardly to be out of conference room, digital transmission technology, the consummate communication protocol, maximum guarantee of meeting security. System that can meet the needs of ordinary fixed conference room, and can also set up a mobile conference room, and in the convenient premise, providing a highly reliable conferencing solution.

Microphone may use two common 1.5V AA batteries, and also support the 1.2V NI-MH battery, standby time up to 20 hours, And continuous speech 7 hours.

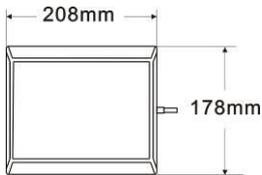
CHARACTERISTICS:

- Pluggable gooseneck microphone with light ring
- High sensitivity, effective pick-up range up to 50CM
- Speech by red lights instructions
- FIFO model
- Support 255 pcs microphone include chairman unit / cochairman unit
- Supports up to 4 microphone Units speaking at the same time
- The red lights double prompt, prompt content: microphones address, VIP
- Chairman Unit can override all the active delegate units and approve or reject delegates who request to speak. When Chairman Microphone is turned on, the representative microphone can not open until Chairman Microphone close, support 3 Chairman microphone units.
- The microphone can be set through the switch is the VIP microphone, VIP microphone not closed by the Chairman microphone, Support 3 pieces VIP microphone.
- Microphone may use two common 1.5V AA batteries, and also support the NI-MH battery, standby time up to 20 hours, And continuous speech 7 hours

TECHNOLOGY PARAMETERS:

MODEL	EMC01/EMD01
frequency	2.400-2.500 Digital frequency hopping
Pickup distance	30m±5m Use 11 dB antenna in visible distance
Audio output amplitude	<0dB 20CM distance speeches typically 200MV
Frequency response	100Hz-18KHz
THD&SNR	≥80 dB
Power supply	2. 4/3V DC
sensitivity	-38dB±2dB
Chairman unit electric current	60/86mA±3mA standby mode / working mode, 3V
Delegate unit electric current	60/82mA±3mA standby mode / working mode, 3V

ACCESSORY



EM36

Directive Antenna

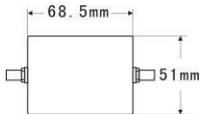
Connected to the main unit EMMU01 directly, no need any external power supply.

Transmission range: 30m (Directional)

Installed in the microphone working venue, effective protection of system stability and management.

Extend line up to 20M.

Dimensions: 208X178X50(mm)



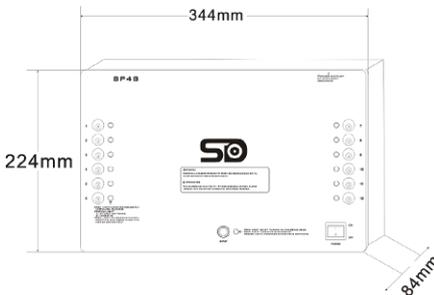
EM34

Pro-AMP

Connected to the wireless receiver EM36 directly, no need any external power supply.

The signal amplification, so make the microphone connection to be more stable

Dimensions: 68.5X51X23mm



EM48

Charger (charge for 12pcs microphone one time)

World -wide voltage adaptable (100-240V)

Dimensions: 344*224*84(mm)

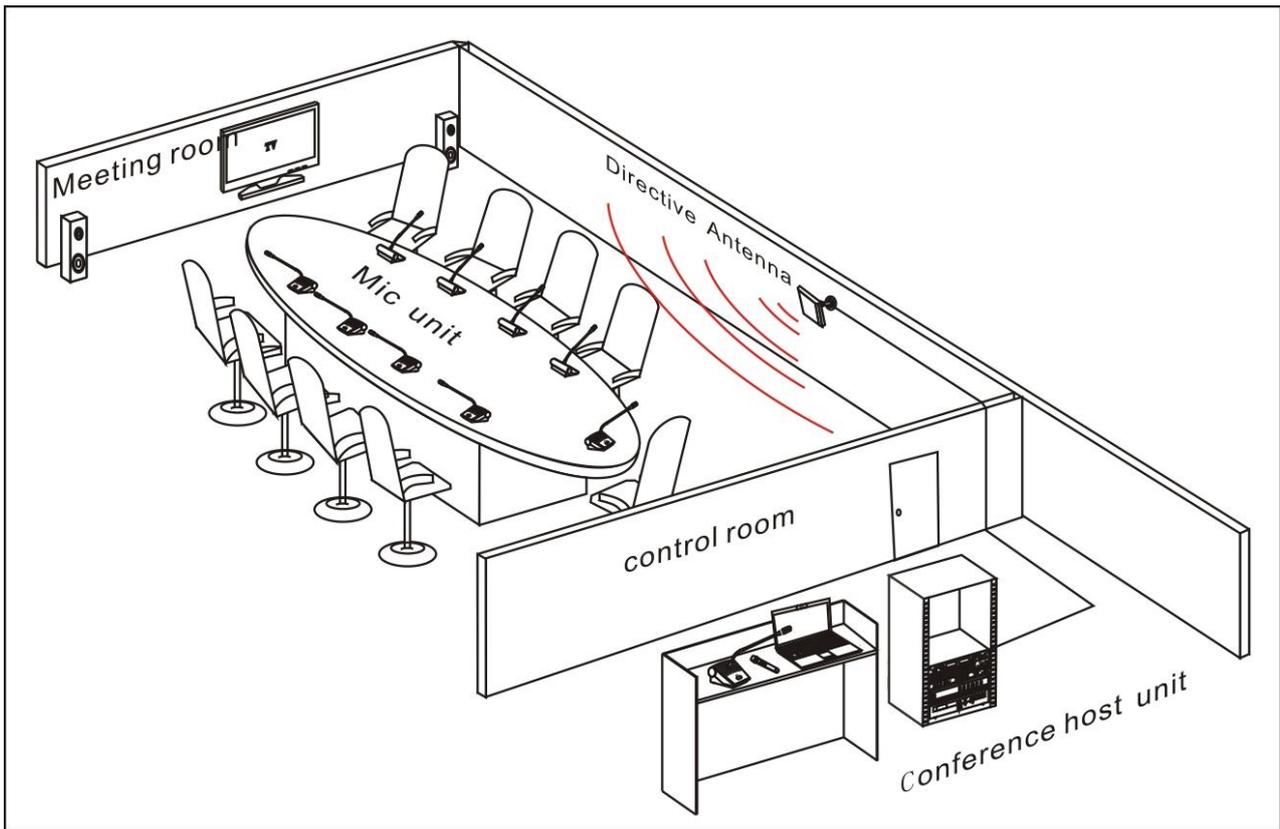


Figure 15. 2

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