Description: 5G-MC is 5G Wi-Fi wireless conference system master controller is audio conference system by 5G Wi-Fi wireless transmission, system capacity of 240 microphone units and 6 units microphone working simultaneously. A basic 5G Wi-Fi system will be consist of master controller, chairman microphone units, delegate microphone units and the Wi-Fi access point and battery charger. The microphone unit is with discussion/voting/auto video tracking functions, built-in monitor loudspeaker, with earphone input and round indicator. The chairman microphone unit is designed of priority over delegate units. The digital 5G Wi-Fi conference system is of discussion, voting, auto video tracking features. The master controller is dual CUP for backup with line input and output for external sound system.

Features:

- Compatible with CE, EMC, ISO9001, ISO14001, EC 60914 & GBT15381-94;
- 5G Wi-Fi wireless connection of more stable communication;
- Non compressed audio transmission, 48K sampling rate, 20Hz~20KHz bandwidth;
- The 5G Wi-Fi wireless conference system capacity is of max 240 wireless microphones;
- Support loop connection to ensure system without consideration of one wireless microphone failure;
- Hot standby system can operate even one of the 5G Wi-Fi wireless conference system master controller failure;
- Support WPA / WPA2 wireless security technology to ensure the privacy of the meeting, to avoid eavesdropping and malicious interference, support up to 32 bytes SSID, up to 64 bytes of key, SSID hidden settings;
- RJ45 interface can be directly connected to a wireless AP access, can also be connected to 100M network switches, wireless AP. And then access the switch, expand the number of wireless AP access, that is, can achieve the application of large-scale venue;
- Built-in high-performance CPU, set the translation, discuss, sign, vote, electronic nameplate as a whole, be capable of high-speed voting, vote, information transmission, can support for the 4000 meeting units to the maximum;
- Can simultaneously open 8 mic(6 wireless mic), 31 +1 channels simultaneous interpretation;
- 32 bit high speed DSP floating point processing, while supporting 2 audio acoustics feedback suppression, noise cancellation processing, to provide clear and high sensitivity perfect sound quality;
- Support PC software management, TCP / IP control, to provide reliable security management and control;
- Support PELCO-D, VISCA, SAMSUNG and CMX etc a variety of camera control protocol, with Wi-Fi encryption conference control host and can support the agreement camera ball, to achieve preset tracking;
- PC software unified management unit and intelligent fault analysis, can analyze the conference unit type, quantity, distribution, failure and so on;
- Dual machine hot backup, dual host any host failure, the system can run normally, the meeting will not be interrupted, continue to vote and so on;
- With RCA, Phoenix head, XLR head three different audio input Interface, support balanced input, unbalanced input, support 4 audio mix input or 3 audio mix input with 1 remote video conference input;
- With RCA, Phoenix head, XLR head three different audio output interface, support balanced output, unbalanced output, support conference unit partition, support microphone sensitivity adjustable, support 4-channel speaker partition output, can effectively improve the microphone gain Whistle, you can configure any one output interface to connect to the remote video conferencing system;
- Can adjust the line entry, remote video conference input, 4 audio output interfaces, the conference unit volume size, adjust the range of mute, -40dB to 0dB.

Specifications:

Model	5G-MC
Description	5G Wi-Fi Wireless Conference System Controller
System Capacity	240 units
Function	Discussion/Voting/Contribution
Monitor Speaker	2X3W
Network Interface	RJ45
Control Interface	DB9 male
Display	1602 LCD Display
S/N	>80dB
T.H.D	<0.05%
Power Consumption	12W
Max. Power Consumption	150W
Dynamic Range	>80dB
Frequency Response	20Hz~20KHz
Communication distance	<100m
Dimension	483X290X44(mm)
Power Supply	AC200V~AC240V; 50-60Hz
Optional Function	Auto-video tracking, simultaneous interpretation & AV automation control system

Connection Diagram:

5G-BC
Battery Charger

BMR200
Audio Recorder

WM-U200C
UHF Wireless Microphone

5G-AP
Access Point

5G-MC
5G Wi-Fi Wireless Conference System Controller

8 CH Mixer
MCX8U

CS-4400
Four Channel Power Amplifier

5G-CU
5G Wi-Fi Wireless Chairman Unit

5G-DU
5G Wi-Fi Wireless Delegate Unit

SUB-860D
Ceiling Subwoofer

CSK-840HTM
Conference Ceiling Speaker

WSK-530QT
Conference Loudspeakers