Conference Chairman Unit

Embedded software: Full digital conference system audio transmission embedded software V2.25

TS-W302

Feature:

* With 48KHz sampling rate, it has the better sound quality than CD's, clear and loud sound. There is DSP audio processing inside, there is no "pop" low-frequency impact sound.
* Advanced processing chip architecture, and unique processing algorithms, microphone boot connection time is only 5 seconds.
* With the function of intelligent detection of faults, it prompts the user for AP failure, host communication failure, weak signal,etc.
* Support simple TYPE-C setting SSID, password function, ensure that the system will not connect to the wrong AP;
* With speech countdown and speech timekeeping function.
* With voice control, the microphone can be turned on intelligently. You can adjust voice sensitivity and set set the off time by the PC software.
* With 5 stages of EQ adjustment function (adjustable with PC software), you can adjust the overall sound effect of all microphone units to be perfect result.
* Support sign-in function, set and initiate sign-in through PC software.
* Adopt 128-bit AES encryption technology, support WPA/WPA2 wireless security technology, prevent eavesdropping and unauthorized access, provide higher confidentiality of the conference system.
* With wireless transmission technology, easy to arrange venue layout and meeting.
* The chairman has a priority function to close all delegates that are currently speaking.
* The internal feedback suppression function can effectively prevent howling.
* Built-in lithium battery, battery capacity supports 15 hours of continuous speech.
* Built-in antenna to greatly improves WIFI network transmission efficiency.
* Support TYPE-C port for upgrade program and online charging.

Specification:

Model	TS-W302
Microphone type	Cardioid directional electret
Frequency response	80Hz~16KHz
Microphone input impedance	1 k Ω
Sensitivity	-46dBV/Pa
Maximum SPL	100dB(THD>3%)
SNR	>80dB(A)
Crosstalk	>70dB
Dynamic range	>80dB
THD	< 0.1%
Maximum power consumption	1W
Standard	IEC60914
Power supply	18650 lithium battery
Charging method	Connect the charging box through the TYPE-C interface
Color	Graphite grey
Sign in function	Touch button to sign in
Display screen	OLED screen
Size (LxWxH)	120*104*43mm
Installation method	Desktop
Wireless frequency range	5.15 GHz to 5.85 GHz
Battery capacity	5200mAh
Weight	0.6 Kg
Speech mode working hours	15 hours
Mixed mode working time	16 hours
Mic rod length	380mm (black)