



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 the off time by the PC software.
- * With 5-band 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:

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|-----------------------------|-------------------------------------------------------|
| Model | TS-W302 |
| Microphone type | Cardioid directional electret microphone |
| Frequency response | 80Hz~16KHz |
| Microphone input impedance | 680Ω |
| Sensitivity | -41±1.5dB (0dB=1V/Pa, at 1KHz) |
| Maximum SPL | 100dB |
| SNR | >80dB(A) |
| Crosstalk | >70dB |
| Dynamic range | >80dB |
| THD | < 0.1% |
| Maximum power consumption | 1W |
| Power supply | 18650 lithium battery |
| Charging method | Connect the charging box through the TYPE-C interface |
| Color | Graphite gray |
| Sign in function | Touch button 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 | 4800mAh |
| Weight | 0.6 Kg |
| Working hour in speech mode | 15 hours |
| Working hour in mixed mode | 16 hours |
| Microphone pole | 380mm (black) |