



# 5G WIFI Full Digital Conference Chairman Unit

Full digital conference system audio transmission embedded software V2.25  
TS-W303



## Feature:

- \* Adopt a 48KHz sampling rate., clear and bright sound better than the CD sound quality; internal DSP audio processing, no low-frequency popping impact.
- \* Using advanced processing chip architecture and unique processing algorithm, the microphone power-on connection time only takes 5 seconds.
- \* Support intelligent detection of faults, prompting users of AP faults, host communication faults, and low signal strength.
- \* Support charging through Type-C port, with smart indicator status.
- \* SSID and password function can be set.
- \* Support Chinese and English language switching, and uniformly set through PC software.
- \* Support the function of speech timekeeping and speech countdown.
- \* With voice control function, the microphone can be turned on intelligently. Support adjusting the sensitivity of the voice control and setting the closing time through the software.
- \* Support sign-in function, set and initiate through PC software.
- \* Support conference voting function, support five-key voting, three-key voting function, flexible and convenient.
- \* Adopt 128-bit AES encryption technology, support WPA/WPA2 wireless security technology, prevent eavesdropping and unauthorized access, and provide higher confidentiality of the conference system.
- \* Using wireless transmission technology, venue activities can be carried out with very little time for venue layout.
- \* The chairman has a priority function to turn off all speaking delegate microphones.
- \* Built-in lithium battery, the battery capacity supports 14 hours of continuous speech.
- \* Support offline upgrade program.
- \* Adopt a 4.3-inch full-view IPS capacitive touch display.
- \* The power switch button is placed at the bottom of the microphone, making the microphone more neat as a whole.

## Specification:

|                             |   |
|-----------------------------|---|
| Model                       | TS-W303   |
| 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   | 3W  |
| 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              | IPS screen  |
| Dimension                   | 149*145*61mm (L*W*H)                                  |
| Installation method         | Desktop   |
| Wireless frequency range    | 5.15~5.85GHz  |
| Battery capacity            | 9600mAh   |
| Microphone pole             | 380mm (black)   |
| Weight                      | 1Kg   |
| Working hour in speech mode | 13 hours  |
| Working hour in mixed mode  | 14 hours  |