# 5G WIFI Full Digital Conference Chairman Unit

## Full digital conference system audio transmission embedded software V2.25

## TS-W310



## Feature:

* All core components of the microphone use domestically produced chips, which are safe, confidential and controllable.
* Adopt a 48KHz sampling rate, clear and bright sound, better than the CD sound quality.
* 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, support 18W fast charging, with smart indicator status.
* Support setting SSID function through UI.
* Support Chinese and English language switching, and uniformly set through PC software.
* The chairman unit has a speech timing function. When the timing speech function is turned on, the chairman unit is not restricted.
* 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, it only takes very little time for venue layout to carry out activities.
* The chairman has a priority function to turn off all speaking delegate microphones.
* Adopt a 4.3-inch full color touch screen.
* Equipped with a 3.5mm headphone jack for connecting an external microphone.
* Built-in lithium battery, the battery capacity supports 14 hours of continuous speech.

## Specification:

| Model | TS-W310 |
|---|---|
| Microphone type | Cardioid directional electret microphone |
| Frequency response | 80Hz~16KHz |
| Sensitivity | -41±1.5dB (0dB=1V/Pa,at 1KHz) |
| Max SPL | 120dB |
| Microphone input impedance | 680Ω |
| 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 |
| Colour | Graphite gray |
| Sign-in function | Touch screen sign in |
| Display screen | IPS screen |
| Dimension | 140x136x49mm |
| Installation method | Desktop |
| Wireless frequency range | 5.15~5.85GHz |
| Battery capacity | 9600mAh |
| Microphone pole | 380mm |
| Weight | 0.9kg |
| Working hour in speech mode | 13 hours |
| Working hour in mixed mode | 14 hours |