



# Conference Delegate Unit TS-W301SA

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



## Feature:

- \* The core components of the microphone all use domestic chips, which are safe, confidential and controllable.
- \* The microphone uses a 48KHz sampling rate.
- \* Support speech timekeeping and speech countdown functions.
- \* The delegate unit can apply to speak with the approval of the chairman.
- \* Support voice control function, adjustable voice control sensitivity; intelligently turn on the microphone and set the off time.
- \* With 5-band EQ adjustment function (adjusted by inputting password of PC software), sound effects can be adjusted according to different speakers' voice characteristics until the perfect effect is achieved.
- \* With custom 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.
- \* With a 4.3-inch color screen, it can display information such as microphone on/off, ID settings, power status, signal strength, etc. It supports multi-touch capacitive buttons.
- \* With clock display function, it can display date and time: year, month, day, hour, minute.
- \* It comes standard with 6 high-capacity lithium batteries with a battery capacity of 14400mAh. The continuous speech time reaches 9-11 hours, and the continuous speaker output time is 7-8 hours.
- \* With a USB charging interface, it supports 18W fast charging.
- \* Support Chinese, English, Russian, French four language interface switching.
- \* With two 3.5mm headphones interfaces, support listen to the sound or connecting an external microphone.
- \* The microphone has a built-in digital power amplifier chip; the chip has automatic gain AGC and compression limiter functions, and can process digital audio signals through the digital power amplifier chip, making the audio output from the microphone's built-in speaker clear and loud.
- \* The microphone has a built-in speaker, which can output audio from other microphones through the built-in speaker to achieve local sound reinforcement effect.

## Specification

Model	TS-W301SA
Microphone type	Cardioid Electret Microphone
Frequency response	80Hz~16kHz
Sensitivity	-41±1.5dB (0dB=1V/Pa,at 1kHz)
Max SPL	100dB
SNR	>80dB(A)
Crosstalk	>70dB
Dynamic range	>80dB
THD	<0.05%
Speaker maximum output power	2W
Speaker	Built-in 1 4Ω 2W speaker
Headphone output power/impedance	15mW/> 32 ohms <200 ohms
Maximum power consumption	5W
Power supply	Battery powered
Color	Grey
Voting function	Five-key/three-key voting, custom voting
Sign-in function	Button sign in
Display screen	4.3-inch color screen
Dimension (L×W×H)	196×134×63mm
Installation method	Desktop installation
Wireless frequency range	2.4GHz~2.4835GHz /5.15GHz~5.85GHz
Battery capacity	14400mAh
Weight	About 0.7kg
Working time in standby mode	12 hours
Working time in speech mode	10 hours
Working time in mixed mode	8 hours
Mic pole length	409mm