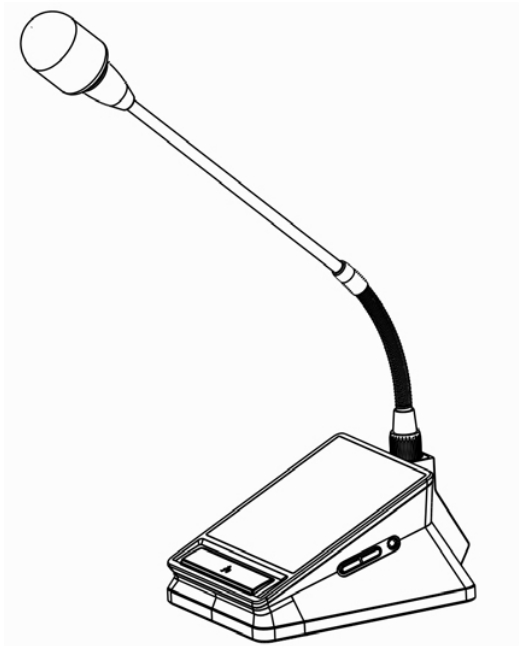




Prestel NCS-TU1DW



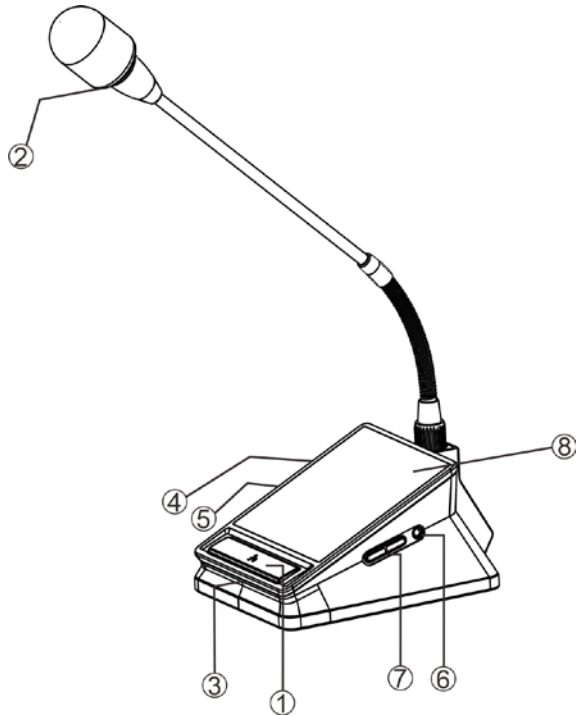
Wireless Delegate Unit with
Touch Screen and Voting



USER MANUAL

Interface Description

Side View:



①Speak button: The light is on when no speak, and the light is off when the speak button is pressed.

②Microphone pole status light: The light is solid on during speaking process.

③Speaker status light: The light is solid on during speaking process.

④Type-C LED Indicator

Indicator Status	Device Status
Green light steady on, red light flashing	Fast charging in progress
Green and red lights steady on	Fast charging complete (fully charged)
Red light slow-flashing	Standard charging in progress (non-fast charging)
Red light steady on	Standard charging complete (fully charged)

Note: Charging with ordinary mobile phone chargers counts as non-fast charging mode.

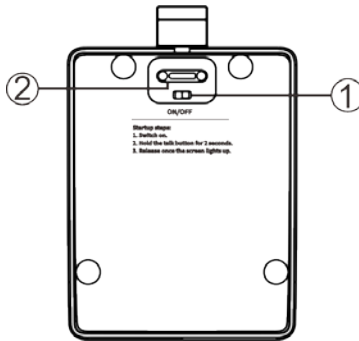
⑤Type-C interface:Used for charging.(Can be used for updating program)

⑥3.5 Audio interface: Reserved.

⑦Volume button+, -

⑧Touch screen

Bottom View:



①Power switch: Control the power supply of the microphone. It is recommended to dial to OFF when the microphone is not in use.

②Magnetic pedestal: Used for charging, used with wireless charging station.

Usage Precautions

About battery power:

The battery icon in the upper right corner of the screen shows the battery level or charging status. When you turn on or use the microphone, it may take a long time to fully charge.

When the battery is below 30%, the microphone will prompt "Low battery, please charge as soon as possible";

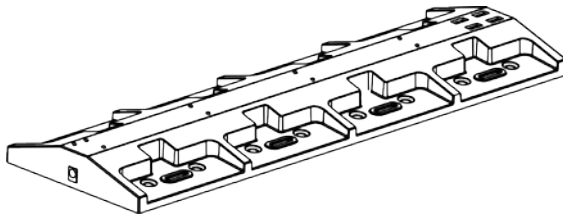
When the battery is below 10%, the microphone will prompt "Insufficient battery, please charge in time";

When the charge is below 1%, the microphone will prompt "Dead battery, the system will shut down automatically".

About charging the battery:

To charge the microphone, please follow one of the following operation (It is recommended charging with the microphone off.)

(1) It is recommended to use a matching magnetic charging box. It can be fully charged within 3 hours using the magnetic interface and 7 hours using the USB interface.



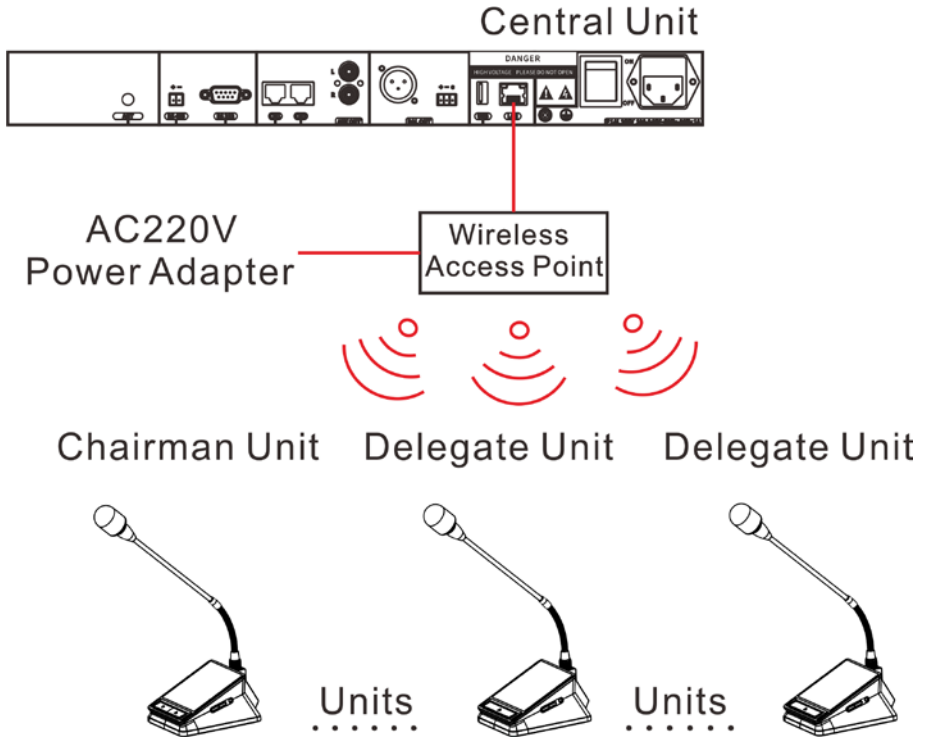
(2) Use the charging cable and compatible power adapter to access the microphone Type-C interface. For fast charging, a power adapter with a minimum output of 18W is required.

About Battery Life:

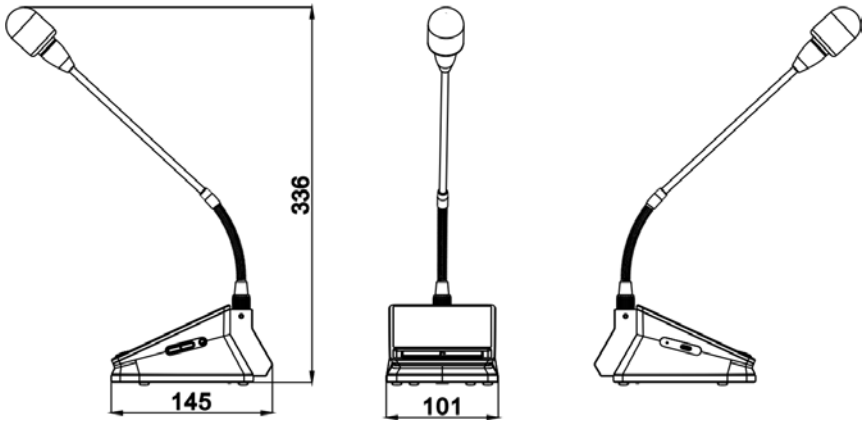
(1) When the device is not in use, it is advised to turn the power switch at the bottom to OFF.

(2) All rechargeable batteries are consumables, and as the battery chemical age increases and under special circumstances (low temperature, high temperature, etc.), the performance of the battery will be reduced.

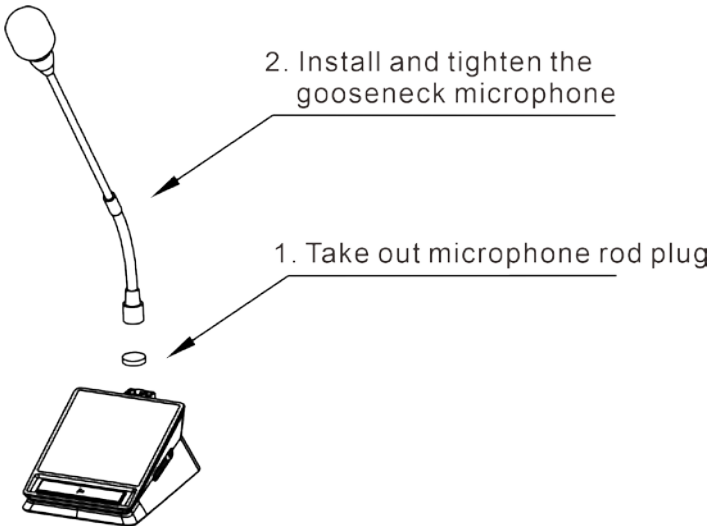
Wiring



Appearance Dimension Diagram(Unit:mm)



Installation Diagram



Specifications

Power, Power Consumption	Lithium battery power supply, microphone unit power consumption $\leq 3W$
Audio Encoding Format	MP3/PCM/ADPCM
Audio Sampling, Bit rate	8Khz-48Khz, 16bit, 8Kbps-320kbps
SNR(Signal to noise ratio), Frequency response	$\geq 83dB$ 、40Hz-18KHz
Server file broadcast SNR(signal to noise ratio), frequency response	$\geq 90dB$ 、40Hz-18KHz
Network Protocol	TCP/IP、UDP、ARP、ICMP、IGMP Protocol
Screen	4.3 inch Capacitive touch screen
Screen Resolution	480*480 (RGB)
Headphone output interface	$\varnothing 3.5mm$ Stereo jack (reserved)
Storage	Built-in SPI FLASH
Connection method	Connect via AP
Microphone	14mm diameter gold-plated capacitive microphone *1
Directional property	Supercardioid
Operating temperature, Operating humidity	0-45°C $\leq 90\%$ (non condensing)
Dimension	145(L)×101(W)mm
Shell material	ABS/Aluminium Alloy

Packing List



Microphone Pole
1pcs(Optional)



Windshield
1pcs(Optional)



Installation
manual 1pcs



Certification
1pcs