

Wireless Conference System

DIGITAL CONVERGENCE WIRELESS CONFERENCE SYSTEM

User Manual

Before using the system, please read this user manual carefully

Version 1.1

CATALOG

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Precautions

Power Safety Matters

- Before operating this device, first make sure that the device's operating voltage is consistent with the local grid voltage. Do not bend the power cord at will, and do not place heavy objects on the host. Otherwise, the power cord may be damaged, or cause fire and electric shock.
- When unplugging the power cord from the AC outlet, hold the plug directly (do not pull the cable directly).
- If the device is not used for a long time, unplug the power plug from the power outlet.
- The AC power cord must be replaced at a qualified professional repair station.

Equipment Usage Safety Matters

- Avoid heavy metal or flammable objects, liquids or debris falling into the device chassis, otherwise it may cause malfunction.
- Using optical instruments in this device will increase the risk to the eyes.
- Do not open or remove the device casing and touch the inside of the casing, otherwise it may cause electric shock.

Troubleshooting

- If the equipment emits smoke, strange odors, or a sudden increase in noise, you should first turn off the system power, disconnect the power cable and various connecting cables, and then contact the seller at the place of purchase or the company's authorized authorized repair service center.

Cleaning & Storage

- Cleaning should use a soft dry cloth to wipe the machine's chassis and panel. If the dirt is serious, use a neutral cleaning solution to slightly wet the soft cloth to wipe it off, and then wipe it clean with a dry cloth. Do not use any type of abrasive, scouring powder, or solvents such as thinner, gasoline, and alcohol, otherwise it may damage the decorative coating of the equipment.
- Do not expose the equipment system to: extremely high and low temperatures, rooms with severe humidity and dust, places with strong vibrations, nearby equipment that generates too strong magnetic fields, nearby equipment that emits too strong radio waves, and noisy places.

Wireless Conference System Host

Product Introduction

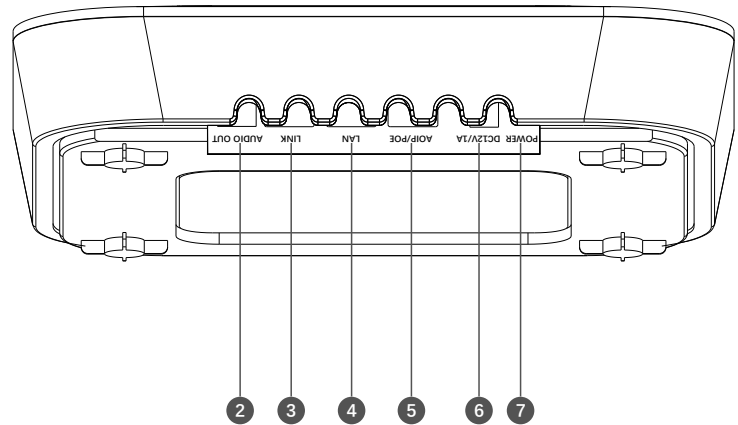
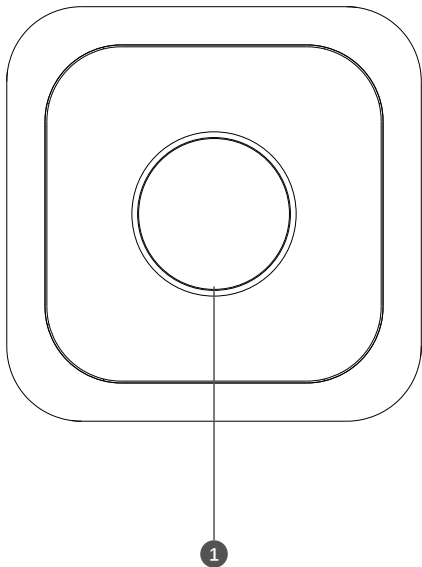
- The wireless IoT conference system eliminates the need for complex wiring, featuring rapid installation and user-friendly operation. It is particularly suitable for project renovations, mobile meetings, temporary equipment expansions, and scenarios where traditional cabling is impractical.
- The system adopts a digital-analog hybrid design with backup capabilities, supporting the Dante networking protocol for seamless audio signal interoperability. Utilizing Power over Ethernet (PoE) technology, it integrates power and data transmission, enabling a complete conference system setup via a single network cable. Dual power redundancy ensures high reliability, while camera-tracking functionality enhances user experience. Equipped with 4-channel Dante zone outputs for zonal audio distribution, it seamlessly integrates with a digital network-enabled conference host unit to achieve unified management of hybrid wired-wireless systems.
- Widely applied in government conference rooms, corporate meeting spaces, auditoriums, and rapid deployment for temporary events, this system offers flexible and robust solutions for modern collaborative environments.

Features

- Utilizes all-digital wireless audio codec technology, enhancing signal anti-interference capability for stable, lossless audio transmission and accurate reception.
- Audio sampling rate of 96 kHz with latency below 5 ms, delivering immersive, clear, and transparent sound quality.
- Digital encryption combined with ID-based pairing technology secures audio signals, preventing eavesdropping and unauthorized access.
- Three-level transmitter power adjustment allows customization based on wireless environment and transmission distance, ensuring reliable system performance.
- Microphones can be added seamlessly by setting the same wireless channel, eliminating complex frequency-matching procedures.
- Mini-program-based IoT control and management enable convenient operation without installing additional apps.
- Supports Dante network protocol for easy audio signal interconnection and expansion.
- POE (15W standard port suffices), integrating signal and power transmission without requiring POE+.
- A single conference host supports independent control and merging of 4 meeting rooms, with 4 Dante zone outputs or 4 synchronized analog outputs.
- Compatible with digital network-integrated conference system hosts, enabling unified management of wired and wireless devices for seamless connectivity.
- Analog backup output ensures dual audio signal redundancy for handling complex or unexpected failures.
- Dual power redundancy technology guarantees system reliability.
- Supports camera tracking via network-based central control.
- Offers four speaking modes: Normal, FIFO (First-In-First-Out), Limited, and Voice-Activated.
- Supports 1-4 active microphones simultaneously, with a system capacity of up to 250 microphones.
- Multiple installation options (wall-mount, ceiling-mount, floor stand, etc.) adapt to diverse venues, from flexible meeting rooms to historic buildings.
- Quick and simple deployment—power and signal transmission via a single Ethernet cable—completed in minutes, keeping the focus on meetings, not equipment.

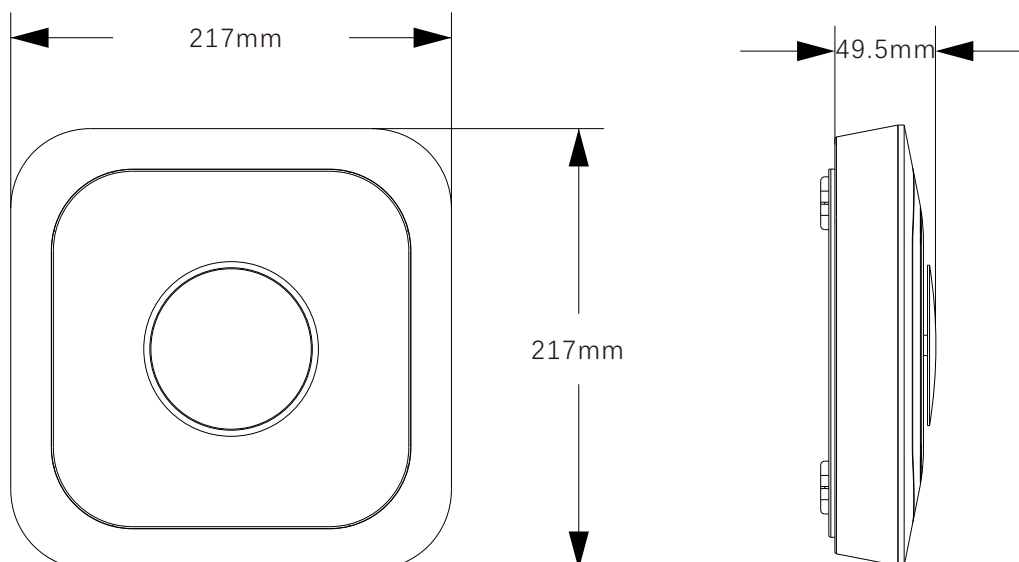
Wireless Conference System Host

Host Introduction



- ① The multifunctional indicator light will flash when receiving audio signals and also flash to prompt when resetting to factory settings.
- ② XLR balanced audio signal output port, 3-PIN phoenix terminal.
- ③ LINK network interface, combined with remote management of the upper computer and central control equipment, can also achieve camera tracking through the central control.
- ④ Network interface, which can be connected to the switch via Ethernet cable to connect to the network.
- ⑤ POE power supply+DANTE interface.
- ⑥ 12V \Rightarrow 1A DC power input terminal.
- ⑦ POWER indicator light: System power indicator light.
POE indicator light: Use PoE power supply indicator light.

Host Size



Wireless Conference System Host

Technical Parameters

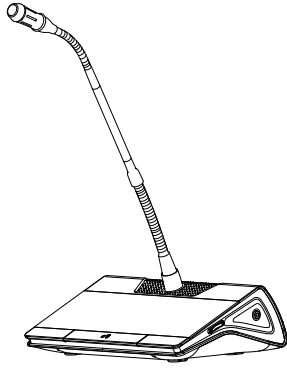
Effective working radius	30 meters
sensitivity	When the offset is 25KHz and 6dBv is input, S/N>60dB
Frequency width	30MHz
Maximum offset	±45KHz
Comprehensive signal-to-noise ratio S/N	>105dB
Comprehensive T H.D	<0.7%@1KHz
Comprehensive frequency response	45Hz-18KHz±1dB
power input	POE/DC12V 1.5A
Maximum power consumption	10W
sampling rate	96K
AOIP	4-channel, plug and play, automatic device discovery
POE standard	IEEE 802.3af,IEEE 802.3at
POE	0BASE-T: Category 3, 4, and 5 unshielded twisted pair cables (≤ 100 meters). 100BASE-TX: Category 5 and above unshielded twisted pair cables (≤ 100 meters)
weight	800G
specifications	217*217*49.5mm
Control method	WeChat Mini Program PC
Control connection method	Bluetooth
Bluetooth effective range	≤ 15 meters

Packing List

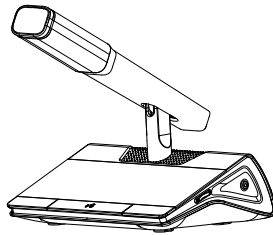
Wireless conference host	1 unit
The power adapter	1 set
Warranty card, certificate of conformity	1 copy
U disk	1 piece

Wireless Conference System Host

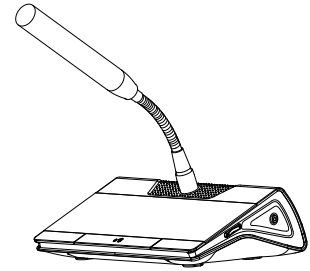
Microphone Pole Type



Gooseneck

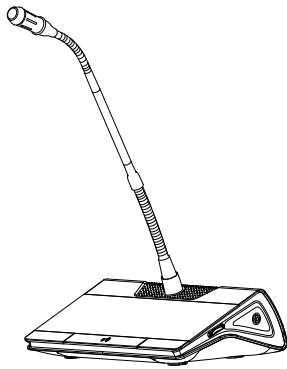


Square

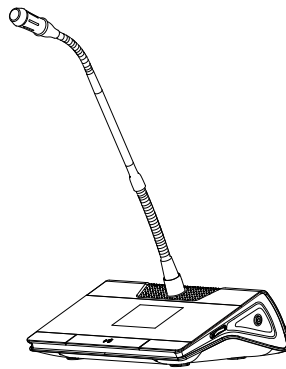


Shotgun

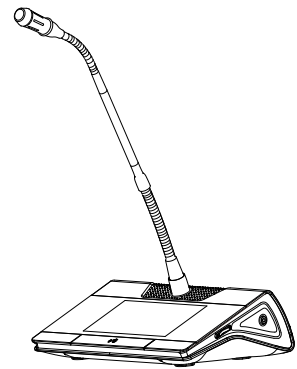
Microphone Screen Type



Screenless



Small screen



Touch screen

Wireless Conference Microphone

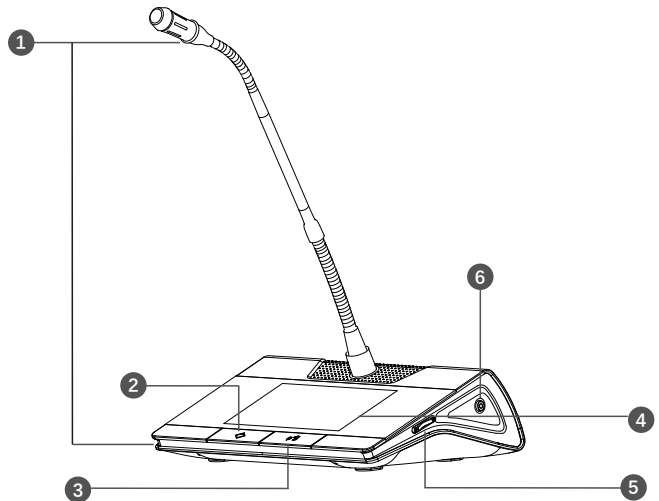
Features

- Fashionable and elegant design, simple and convenient operation, in line with ergonomics;
- Adopting fully digital wireless audio encoding and decoding technology, the anti-interference ability of the signal is improved, and the audio signal is stable without packet loss, accurate transmission and reception;
- The audio data sampling frequency is 96KHz, with a delay of less than 5ms, providing strong on-site sound quality and clear transparency;
- Digital encryption combined with ID function pairing technology encrypts audio signals to prevent eavesdropping and unauthorized access;
- 3-level transmission power setting, which can be set according to the requirements of the on-site wireless environment and different transmission and reception distances to ensure stable and correct transmission and reception of the wireless system;
- By setting the same wireless channel on the microphone, system microphones can be added at any time without the need for complex settings such as frequency matching;
- Microphone digital directional variability technology allows users to adjust the microphone's directional pattern according to different environments, positions, meeting formats, and speaker requirements for optimal audio pickup. Supports five patterns: omnidirectional, wide cardioid, cardioid, super-cardioid, and figure-8 (does not support shotgun).
- The exquisite and elegant 4.3-inch touchscreen is used for information exchange between the sender and the meeting manager, and can display the following information (large screen only):
 - ①Microphone unit ID, microphone unit permission display, 4-plate battery display
 - ②Microphone directivity setting
 - ③Check in, voting, voting, and viewing results
 - ④Microphone gain adjustment
 - ⑤Exchange of information between the sender and the conference administrator
 - ⑥Standby setting, optional screensaver display and clock display, etc
 - ⑦Speech mode settings, regular speech, press to speak
 - ⑧Speech timing, speech countdown setting, stop speaking when the countdown ends
 - ⑨Voice sensitivity, sensitivity setting, and delay off time setting
- Low power consumption and large battery pack design for the system, with a continuous speaking time of 13 hours and a standby time of 22 hours;
- Flexible charging method, supporting TYPE-C direct charging or battery pack disassembly for battery replacement;
- Special high-precision electret capacitive dual microphone design, with clear and bright sound quality and high sensitivity;
- The chairman unit has the priority function of fully controlling the order of the meeting, and the connection position is not restricted;
- The chairman unit can short press the function button in application mode to agree to activate the microphone on behalf of the unit;
- In conjunction with the host, after using the computer preset, the camera can perform automatic tracking;
- It has 4 firing modes: first in first out, application mode, restriction mode, and voice wake-up;
- Voice wake-up can set the startup sensitivity, intelligently turn on the microphone, and also set how long it will automatically turn off in silent mode;
- Dual LED indicator lights, emitting red light;
- Anti mobile phone interference microphone core, stable connection, durable and reliable;
- When the host is powered off, the microphone unit will shut down accordingly, without the need to turn off each microphone independently;
- The conference unit has a unique serial number, and the conference system can manually assign an ID to the conference unit;

Wireless Conference Microphone

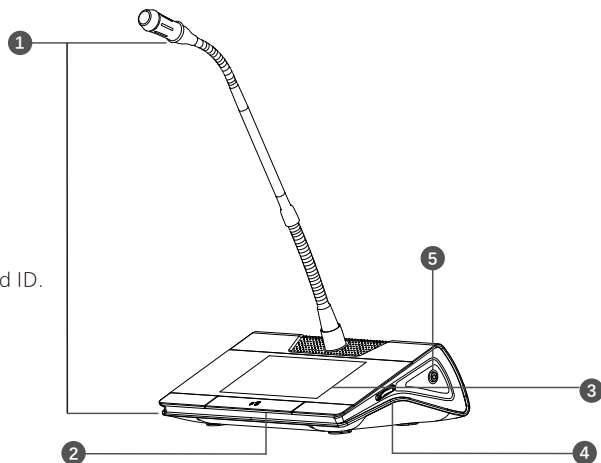
Chairman Microphone Introduction

- ① Microphone working indicator light.
- ② Chairman priority button, long press to close representative unit.
- ③ Speak button, short press to turn on/off the microphone.
- ④ 4.3-inch LCD high-definition display screen, real-time display of the current working status of the unit.
- ⑤ Microphone volume button, long press the volume "+" to add ID.
- ⑥ Press and hold the power button to turn on the unit.



Delegate Microphone Introduction

- ① Microphone working indicator light.
- ② Speak button (short press to turn on/off microphone).
- ③ 4.3-inch LCD high-definition display screen, real-time display of the current working status of the unit.
- ④ Microphone volume button, long press the volume "+" to add ID.
- ⑤ Press and hold the power button to turn on the unit.



Wireless Conference Microphone

Technical Parameters

① Digital Network Wireless Chairman Unit (Gooseneck Pole with Display Screen)

Power consumption:	0.7W
Polar pattern:	Cardioid
Microphone type:	Cardioid condenser
Distortion:	<1%
Frequency response:	40Hz-20KHz
Switching method:	Mechanical switch
Sensitivity:	-32dBV
RF power output:	≤10dBm (reference value)
Battery capacity:	Removable lithium battery, 2600mAh
Charging current:	5V2A
Talk time:	≤13 hours
Standby time:	≤22 hours
Charging interface:	Type-C or external charger
Dimensions:	Base: 180×142×59mm; Gooseneck rod: 415mm
Weight:	965g

② Digital Network Wireless Chairman Unit (Square Pole with Display Screen)

Power consumption:	1.6W
Polar pattern:	Omnidirectional, wide cardioid, cardioid, supercardioid, figure 8
Microphone type:	Cardioid condenser
Distortion:	<1%
Frequency response:	40Hz-20KHz
Switching method:	Mechanical switch
Sensitivity:	-32dBV
RF power output:	≤10dBm (reference value)
Battery capacity:	Removable lithium battery, 5200mAH
Charging current:	5V2A
Talk time:	≤12 hours
Standby time:	≤19 hours
Charging interface:	Type-C or external charger
Dimensions:	Base: 180*142*59mm Gooseneck rod:224*39*27mm
Weight:	1280g

Wireless Conference Microphone

Packing List

① Gooseneck

Microphone Pole	1 PCS
Windproof cotton	1 PCS
Microphone base	1 PCS
Charging line	1 PCS
battery	1 PCS

② Shotgun

Microphone Pole	1 PCS
Windproof cotton	1 PCS
Microphone base	1 PCS
Charging line	1 PCS
battery	1 PCS

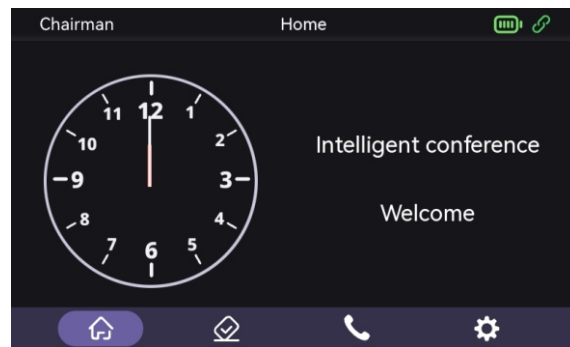
③ Square

Microphone base	1 PCS
Charging line	1 PCS
battery	1 PCS

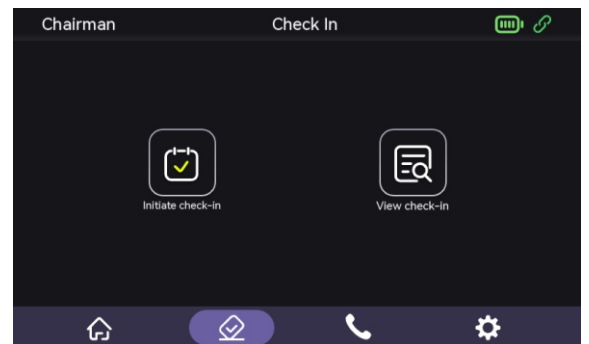
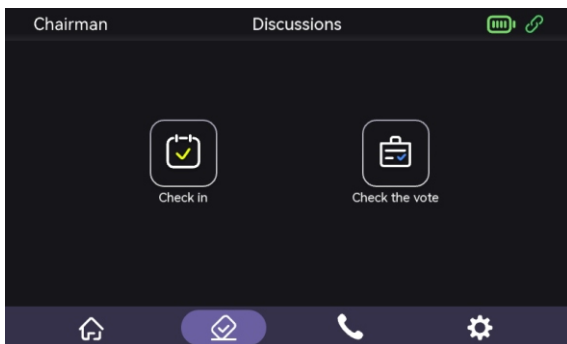
Wireless Conference Microphone

Function Introduction

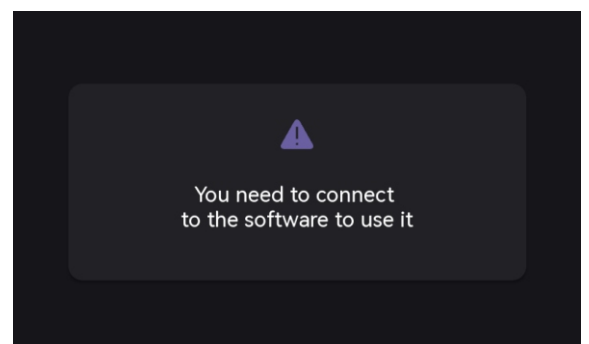
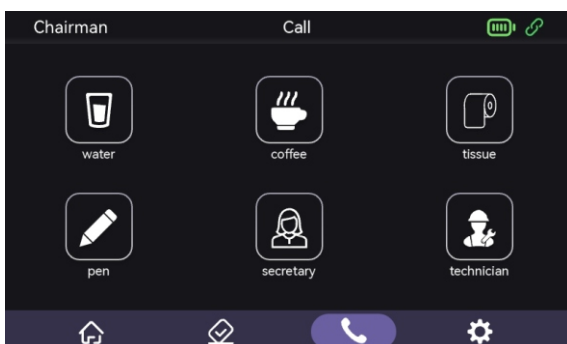
1 Power on -- Press and hold the power button on the right side to turn on the device. The microphone display screen with screen will light up and enter the initial interface (home page). The large screen microphone can interact through touch, while the small screen microphone only relies on the microphone Display the current status. At the top of the homepage, the current battery level, connection status, and microphone permissions (chairman or delegate) of the microphone will be displayed. The non screen microphone can be checked by whether the rear power indicator light is on correctly Charge capacity and power on status.



2 Meeting Discussion -- You can view the results of sign in and voting.



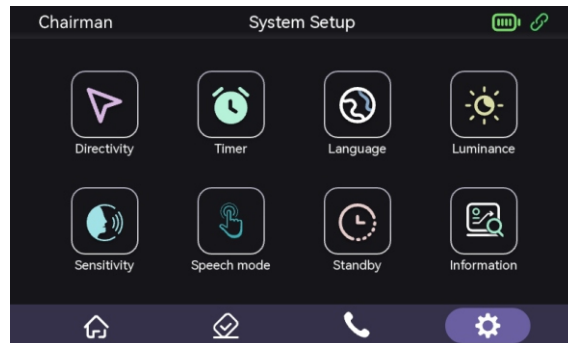
3 Call -- It is necessary to connect to the PC upper computer for use. When not connected to the PC upper computer for use, text prompts will appear. Can initiate various needs such as water, coffee, tissues, pens, calling secretaries, calling engineers, etc.



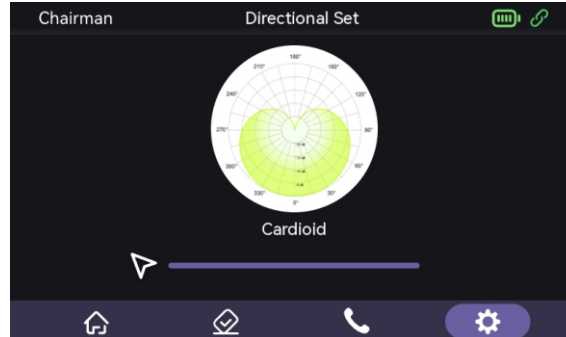
Wireless Conference Microphone

Function Introduction

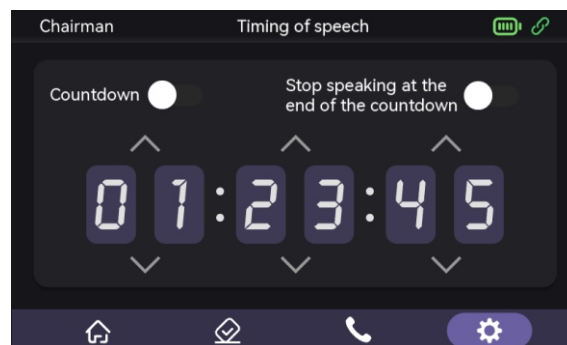
- 4 **System Setup**--It has 8 options including directionality, speech timing, language, screen brightness, voice control, speech mode, standby interface, information query, etc., which will be introduced in sequence later.



- 5 **Directivity**--Adjust the microphone's directivity with five available patterns (large-screen models only): Omnidirectional, Cardioid, Supercardioid, Wide Cardioid, and Figure-8. For small-screen or screenless microphones, adjustment must be performed via a connected host computer.



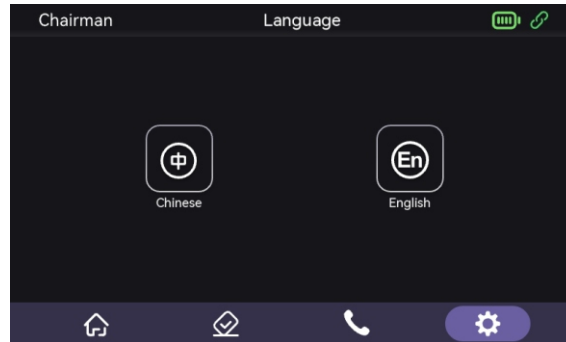
- 6 **Speech timer**--You can set the countdown time. After turning on this function, the microphone will count down when you start speaking, and will automatically stop speaking when the countdown ends.



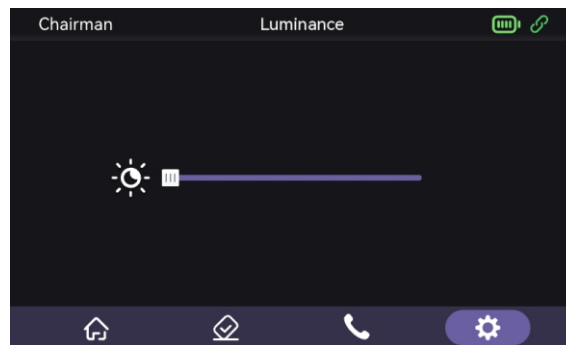
Wireless Conference Microphone

Function Introduction

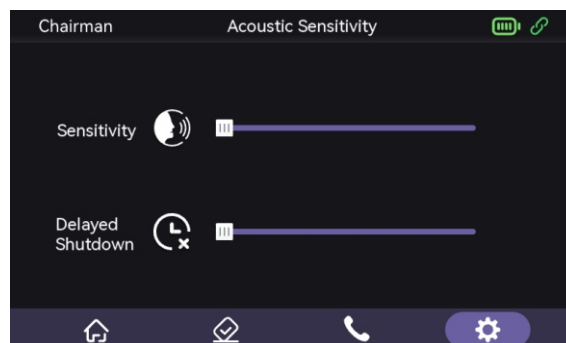
7 **Language**--Support switching between Chinese and English.



8 **Screen brightness**--Adjustable microphone display brightness.



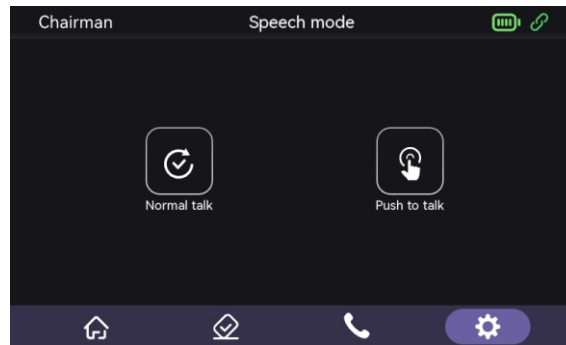
9 **Voice control**--The microphone sensitivity when using the voice wake-up function can be adjusted, with a total of ten gears. And the time it takes for the microphone to automatically turn off after waking up. The initial gear of the small screen and screenless microphone is 5, and the adjustment needs to be made after connecting to the host computer.



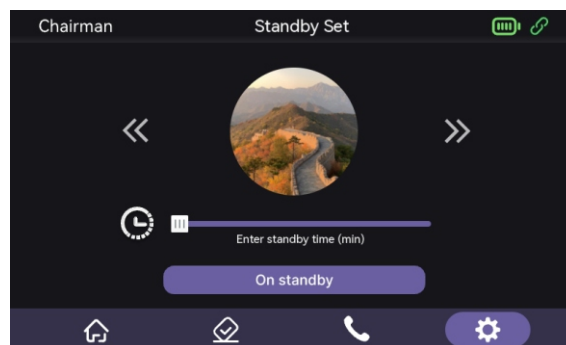
Wireless Conference Microphone

Function Introduction

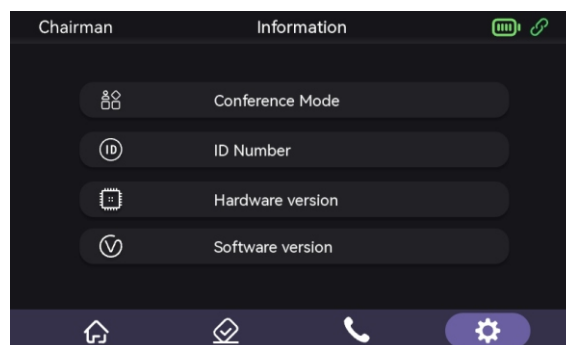
- 10 **Speech mode**--Can switch between two states: click the button to speak and long press the button to speak.



- 11 **Standby settings**--The standby function can be turned on or off, and the standby picture and the time to enter standby mode can be modified.



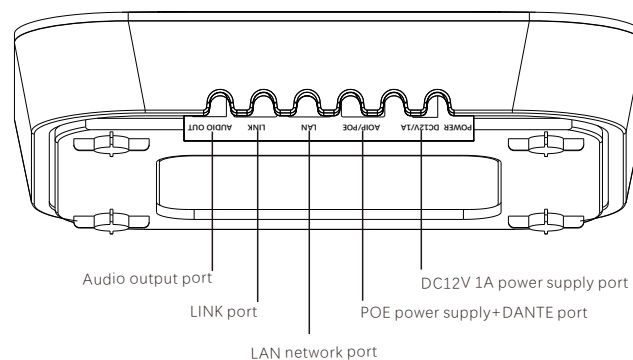
- 12 **Information inquiry**--The current conference mode, microphone ID number, software version, and hardware version can be viewed.



Started Guide

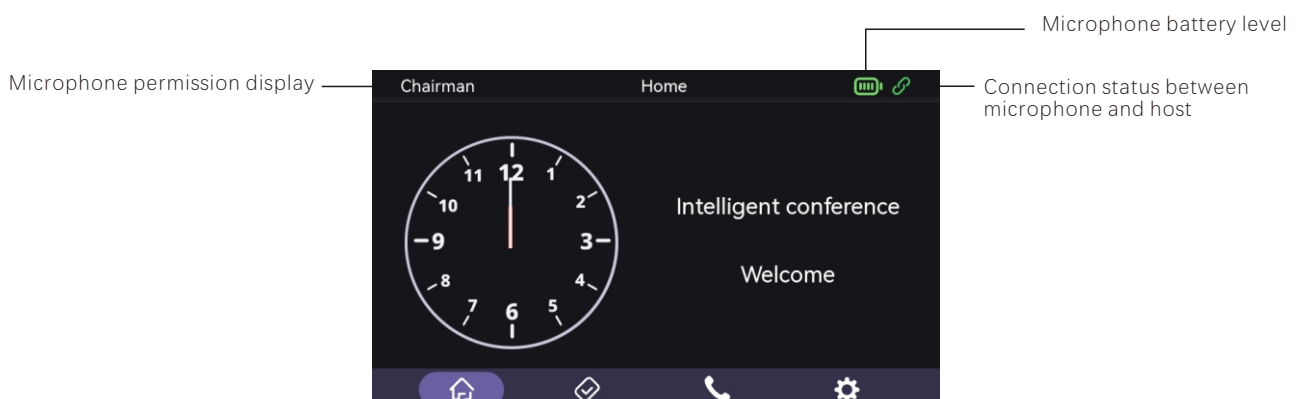
Wireless conference host configuration

- 1 Power on -1. Use a 12V power adapter to supply power.
2. Use POE interface for power supply. After power supply, the wireless conference host will automatically turn on.
- 2 Audio output -1. Use an analog audio port to output, connect the analog audio output port to a mixing console or power amplifier output.
2. Connect the wired conference host output and use a network cable to connect the LINK port of the wired conference host to transmit audio signals to the wired conference host. The wired conference host is connected to the mixing console or power amplifier through the audio output port for output.
- 3 Connect PC-1 directly using Ethernet cable. Connect the network interface directly to the PC network interface using a network cable.
2. Connect the network interface to the network switch through network connection, and connect the PC to the network. After networking, devices can be connected from within the local area network. 3. Connect POE power supply+ DANTE interface and use DANTE output.



Wireless conference host configuration

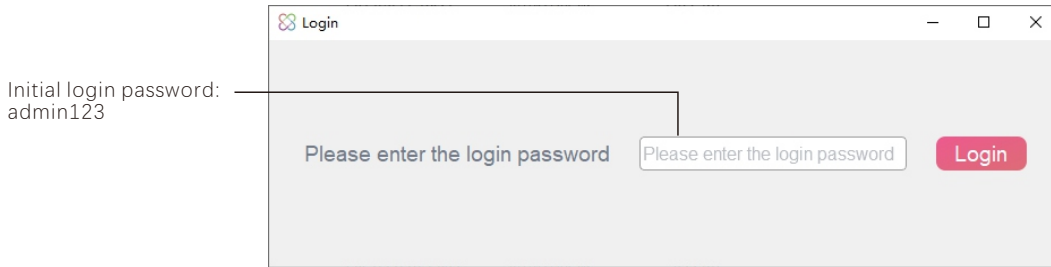
- 1 Power On – Press and hold the power button on the right side to turn on the microphone. For models with a display, the screen will light up and enter the homepage. Large-screen microphones support touch interaction, while small-screen models only display status information. The top of the homepage shows the current battery level, connection status, and microphone role (Chair, Delegate, VIP, or Observer). For non-display microphones, check the power indicator on the back to confirm battery status and power state.
- 2 ID Assignment – After powering on, press and hold the Volume "+" button to assign an ID and connect to the wireless conference host (Ids are added sequentially from the last available one). To reconfigure IDs, refer to the Quick Start Guide – Host Configuration section.



Started Guide

PC upper computer - login

- 1 Login - According to the system, open the folder "setup_64" or "setup_32", double-click "UN_Conference_System.exe" to run the upper computer software. When using, a login password is required. The initial password is admin123.



- 2 Password setting - Enter the password and click OK to successfully enter the main interface of the upper computer software. The subsequent password modification or clearing of login password can be set in the host configuration interface.

Host configuration

Reset system Reset

Login password Save Delete

Configuration ID Close

System language ENGLISH

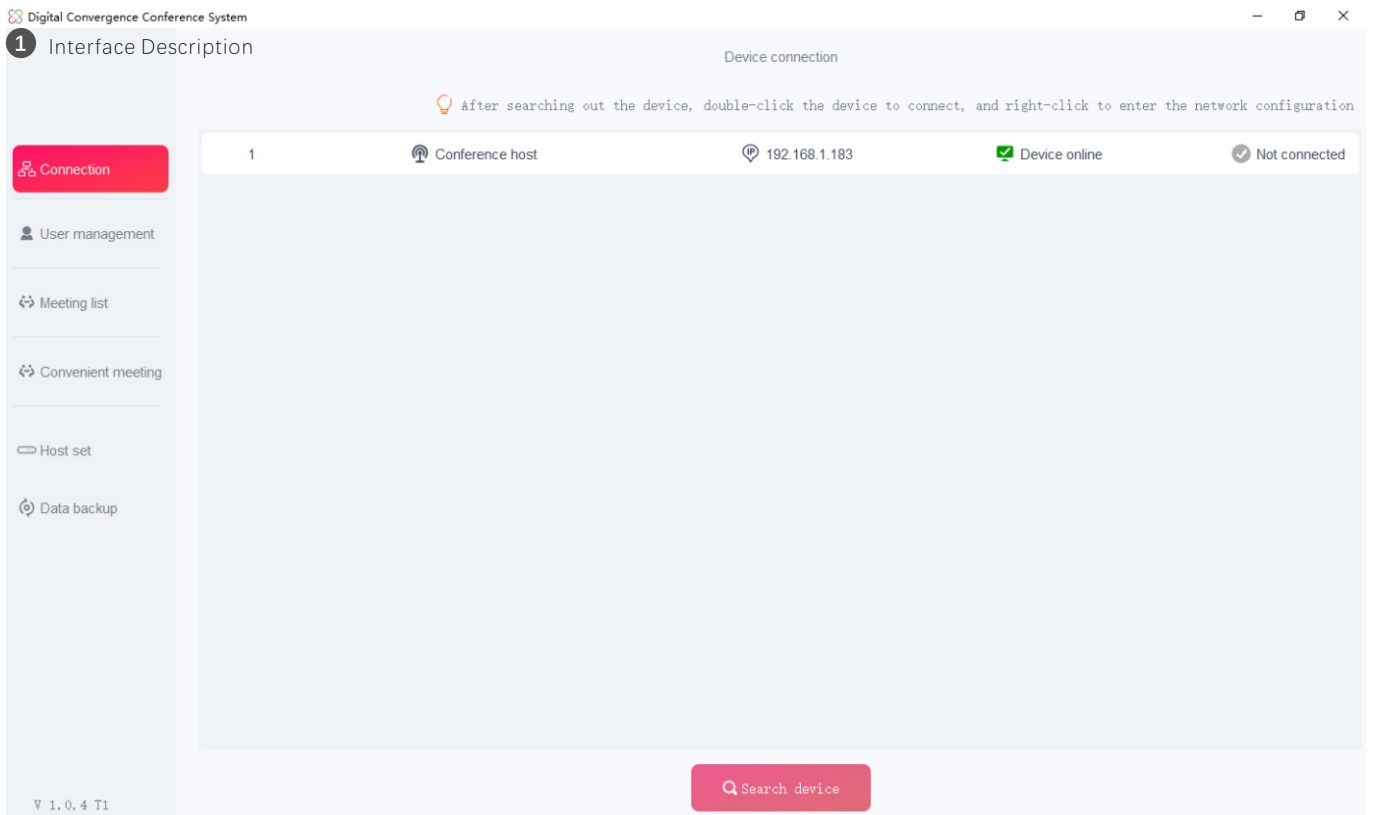
System information

Device software version	System running time	Power-on count
	0:0:28	

Password setting:

- 1 Enter the new password and click save to change the login password
- 2 Click delete to cancel login password

PC upper computer - Function introduction



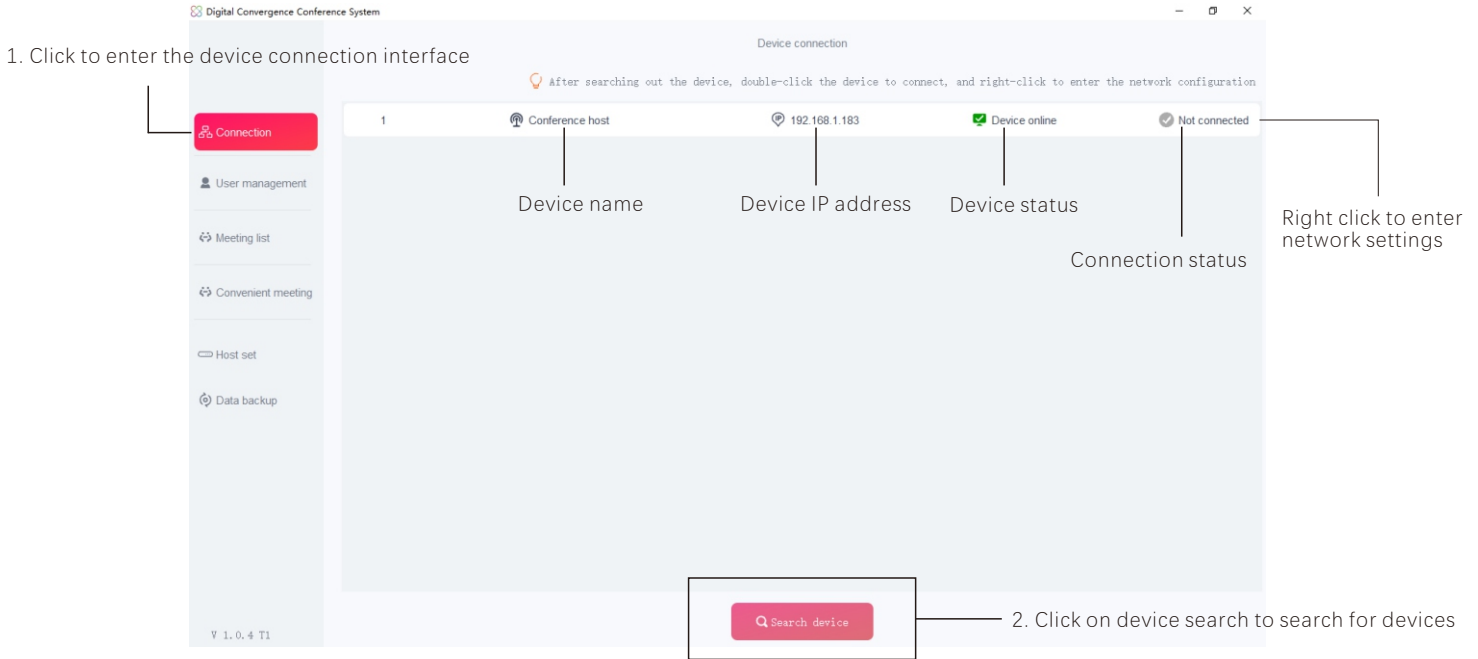
The PC host software interface includes the following functional modules: Device Connection, Participant Management, Meeting List, Quick Meeting, Host Configuration, and Data Backup.

- ① Participant Management – Add or edit meeting attendees, with support for importing/exporting participant lists via spreadsheets.
- ② Meeting List – Create new meetings or view past meetings. Enables host-controlled functions such as roll call, voting, and request calls.
- ③ Meeting List – Create new meetings or view past meetings. Enables host-controlled functions such as roll call, voting, and request calls.
- ④ Quick Meeting – Provides basic control over the host and microphones but does not support roll call, voting, or request calls.
- ⑤ Wireless Configuration (Available only when connected to a wireless host) – Adjust wireless range, channels, check signal strength, and remotely power off wireless microphones.
- ⑥ Host Configuration – Supports host reset, password modification, ID assignment settings, software language switching, and system information viewing.
- ⑦ Data Backup – Export or import software data for backup and restoration.

PC upper computer - device connection

1 All functions of the PC upper computer need to be connected to the device before it can be used normally.

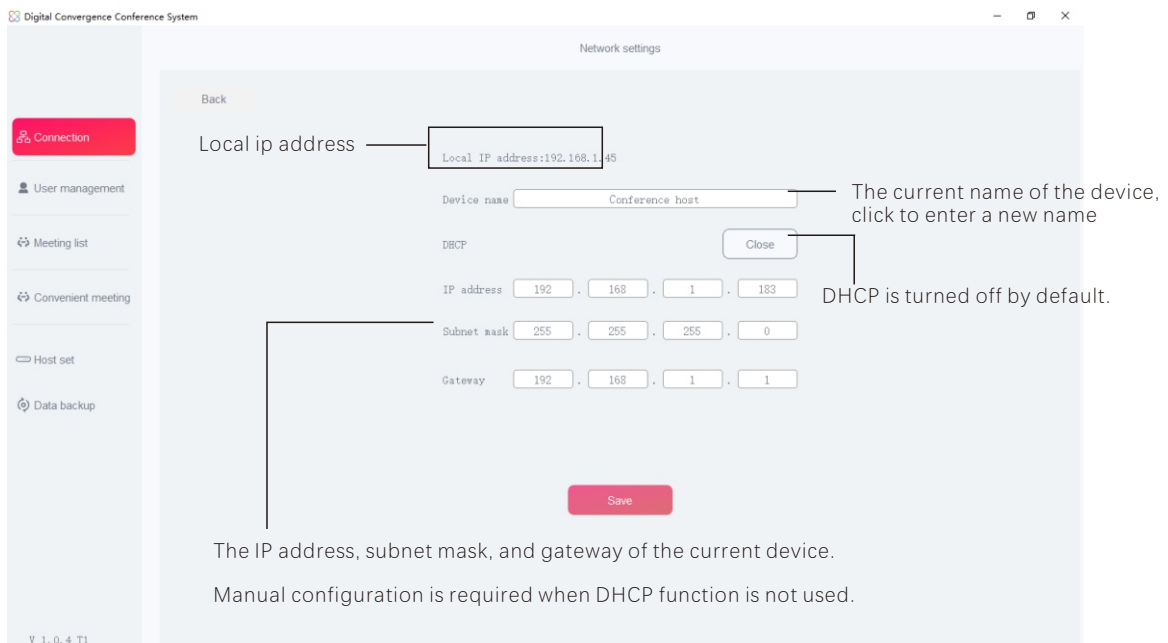
1. Click on the device connection to enter the connection interface.
2. After clicking on the device search, the conference host connected to the PC will appear in the list. How to connect a conference host to a PC can be redirected to the Getting Started Guide - Wireless Conference Host Configuration.



2 After successfully searching for the device, it is necessary to configure the correct IP address in order to connect successfully.

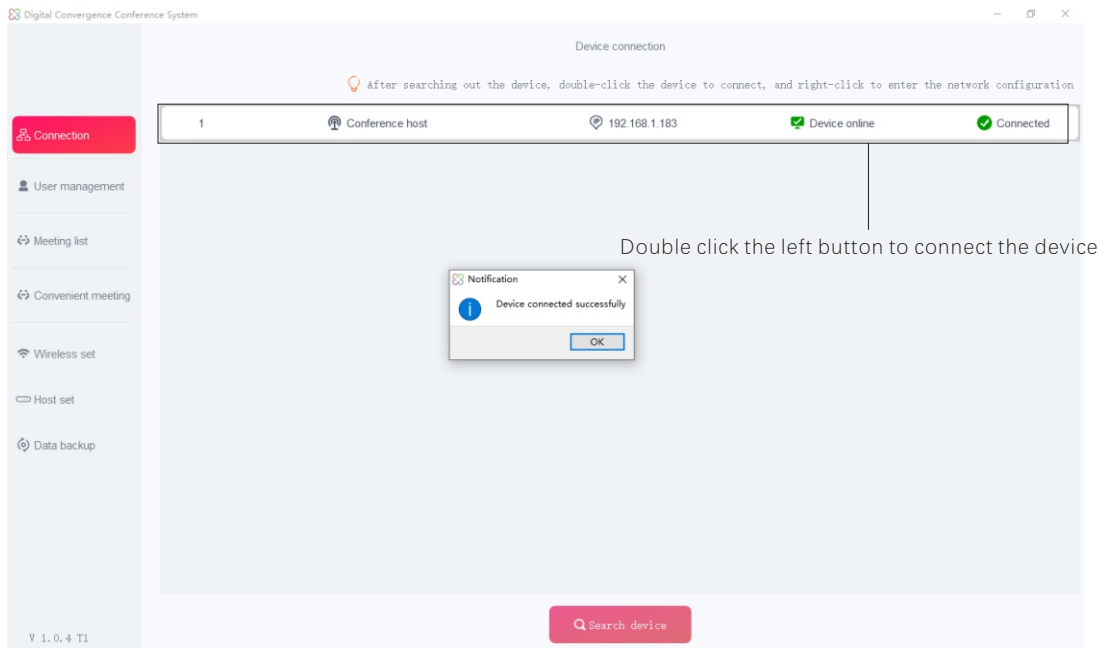
1. Right click on the device in the list to enter the network settings interface.
2. Modify IP address:

① When the connection method between the conference host and PC is LAN, you can click to enable DHCP without manually configuring the IP address. ② When the conference host is directly connected to the PC via Ethernet, the IP address needs to be manually configured. Change the IP address of the device to the same network segment as the PC. After configuration is complete, click save to return to the list interface.

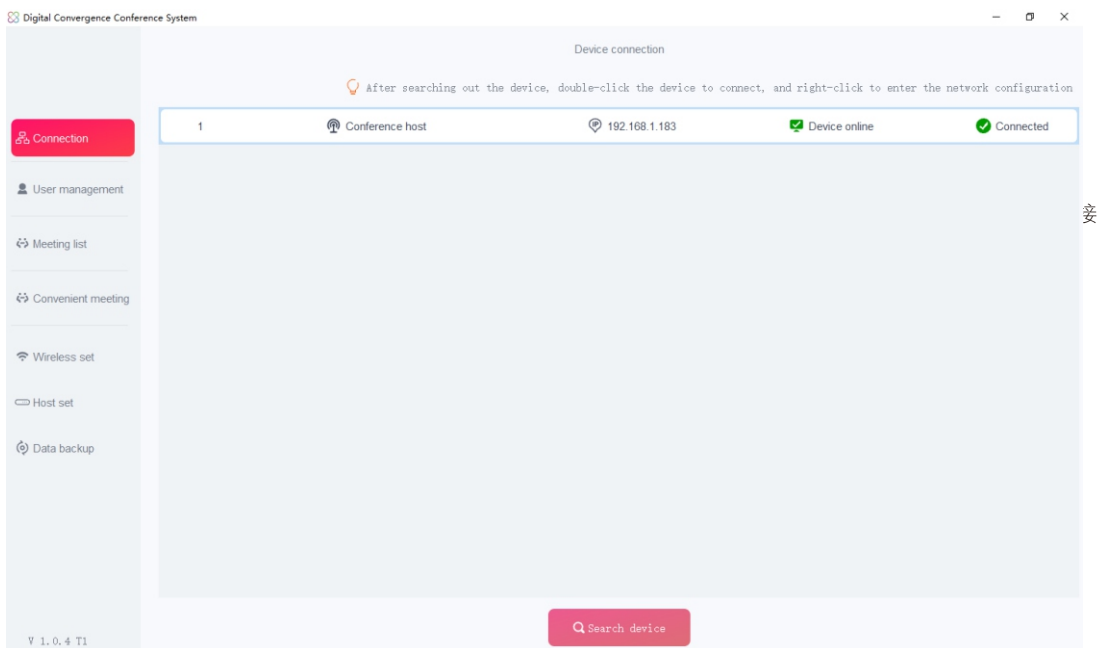


PC upper computer - device connection

- 3 Double click the configured device to connect, and a corresponding prompt will appear after successful connection.

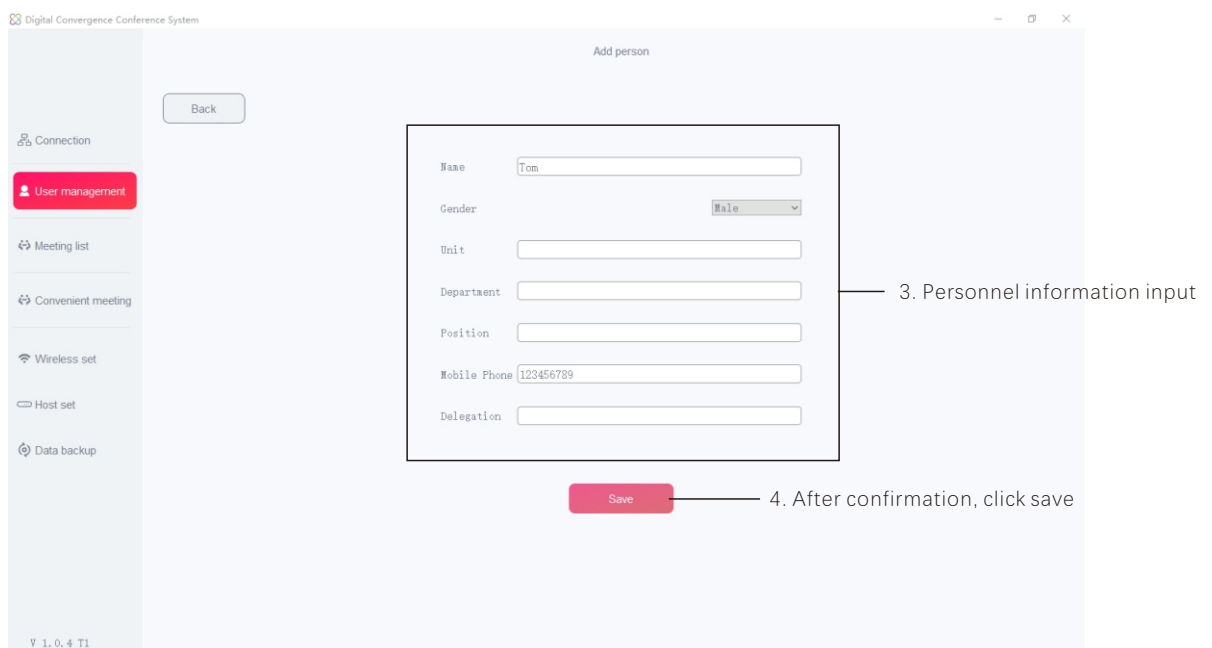
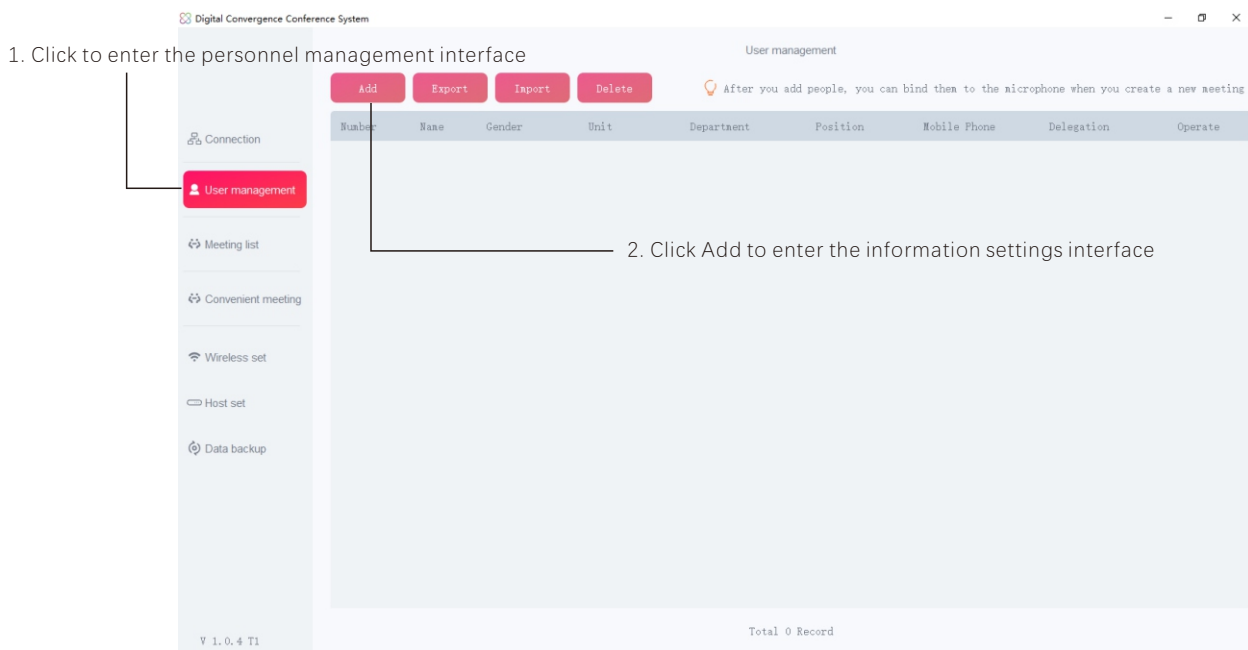


- 4 After successful connection, the device connection status will be displayed as connected



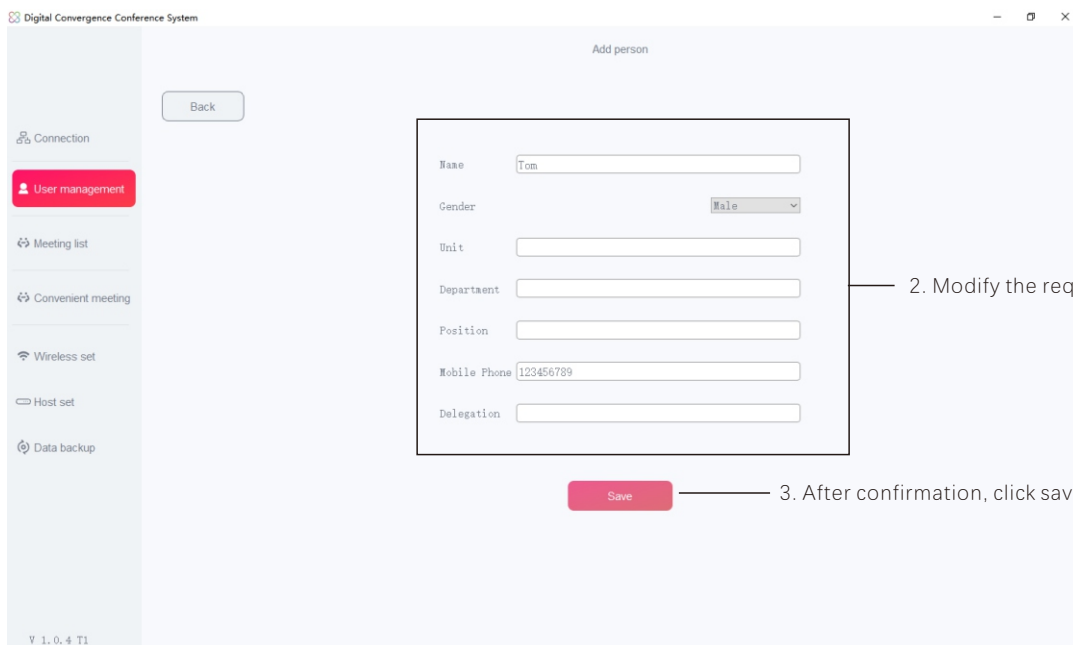
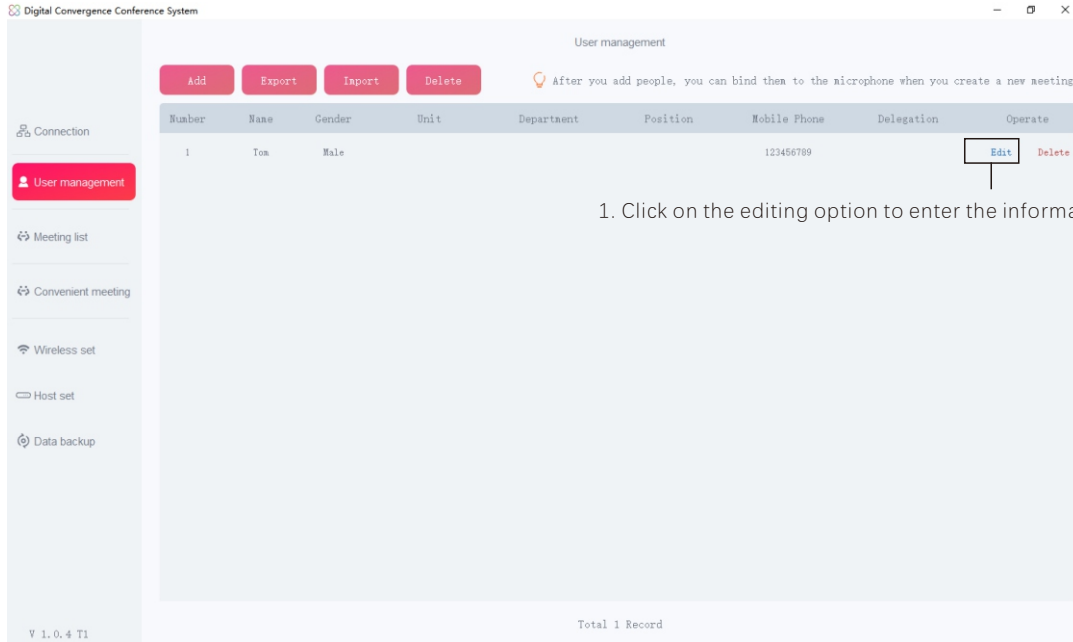
PC upper computer - personnel management

- 1 Personnel management allows for the entry of meeting attendees (additional attendees can be added to the personnel management list when using subsequent functions).
 1. Click on personnel management to enter the management interface.
 2. Enter meeting attendees:
 - ① Click 'Add' to enter the information settings interface and manually enter the meeting attendees.
 - ② By using the import function, you can obtain the corresponding format table through export, input the content according to the format, and save it. Use import to import personnel information from the table.



PC upper computer - personnel management

- 2 When the information of the conference attendees in the list needs to be modified, you can click the edit button on the right to enter the editing interface. After modifying the corresponding information, click save to complete the modification.



PC upper computer - conference list

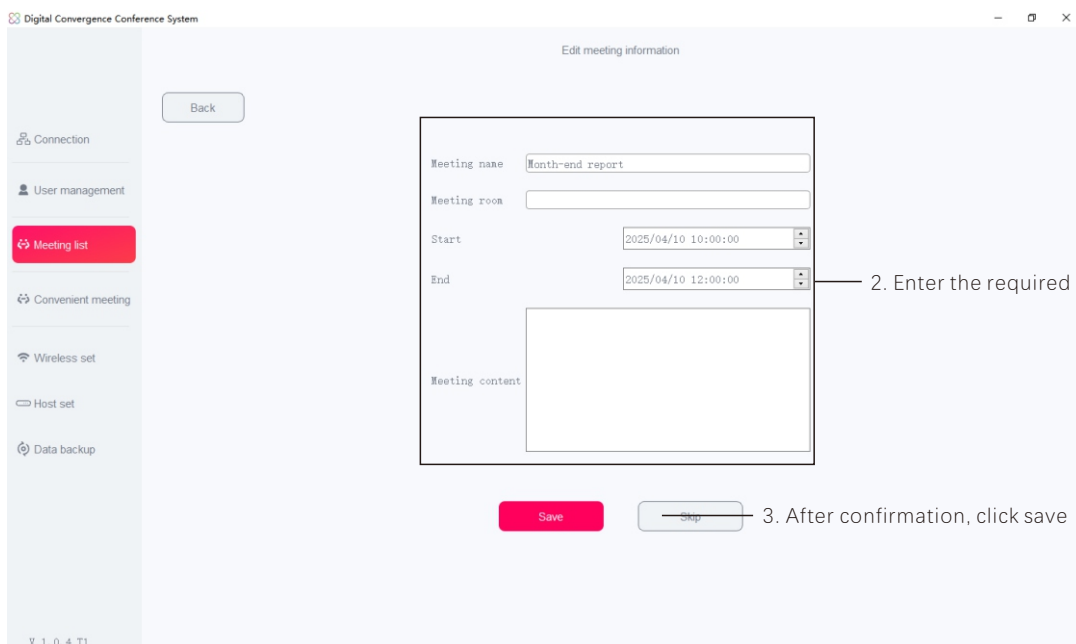
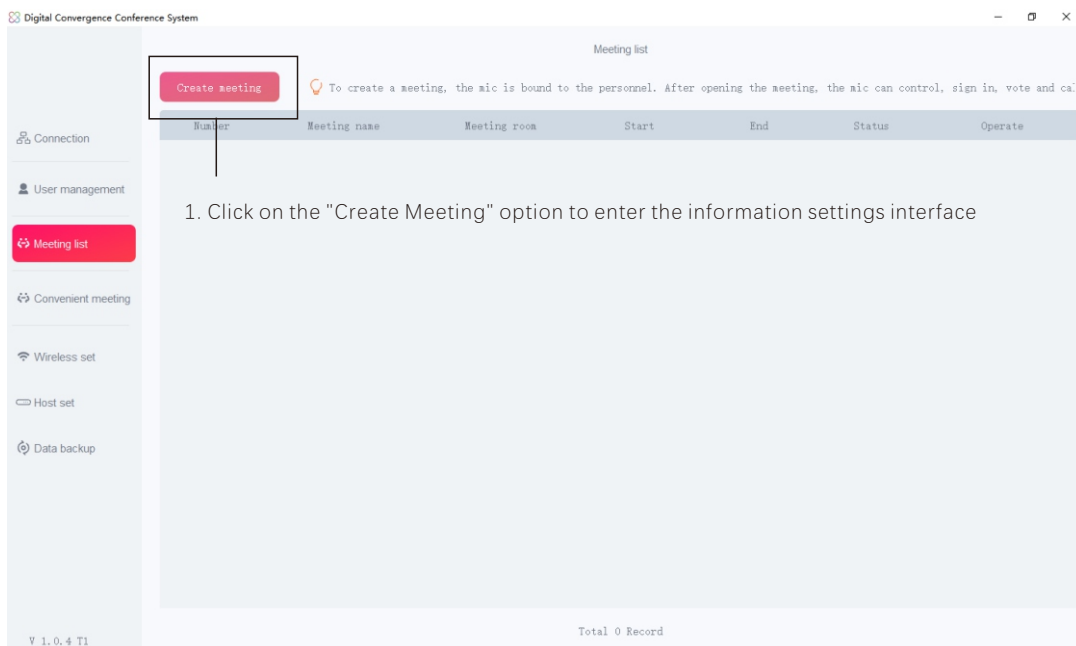
① The meeting list function is the core module of the upper computer software, where meetings can be created and features such as attendance and voting can be added based on the type of meeting. The microphone can be linked to conference personnel to view check-in and voting information, and precise positioning can be achieved when using conference services.

1. Click on the meeting list to enter the meeting interface.

2. Create a meeting:

① Click on the 'Create Meeting' option to enter the information settings interface, where you need to manually enter the meeting name, content, and other information.

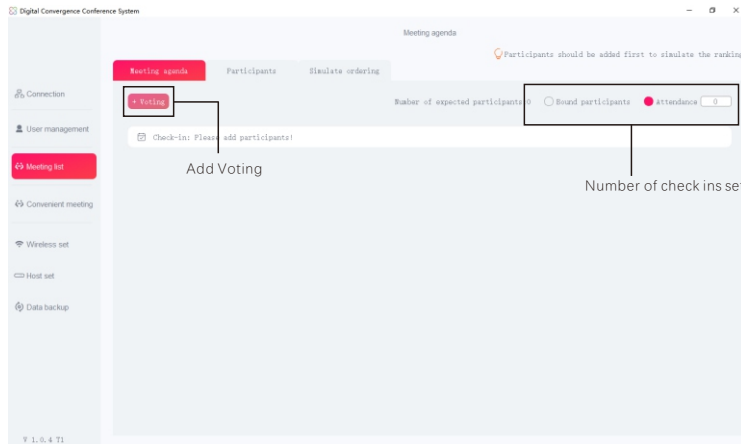
② After clicking save, enter the pre meeting preparation stage. It is divided into three parts: meeting agenda - can set attendance and create voting information, attendees - can add meeting personnel, simulated ranking - can bind microphone, modify microphone permissions.



PC upper computer - conference list

- ② The meeting agenda can set the number of attendees for the current meeting check-in. There are two options. When using the bound number of people, the software will automatically generate the expected number of people based on the number of people bound during simulated ranking.

The actual number option allows for manual input of the expected number of people.



When you need the voting function, you can click on the voting option in the upper left corner (as shown in the picture above) to enter the voting settings page.

There are three main types of voting:

- ① Voting (three options are available for voting: yes, no, no).
- ② Rating (there are five options available for voting: poor, passing, average, good, etc.)Excellent).
- ③ Election (there are five options available for voting, from candidate 1 to candidate 5).

There are two voting methods:

- ① Sign in first and then vote, and the voting function can only be activated after sign in.
- ② Direct voting allows for the activation of the voting function without the need for sign in.

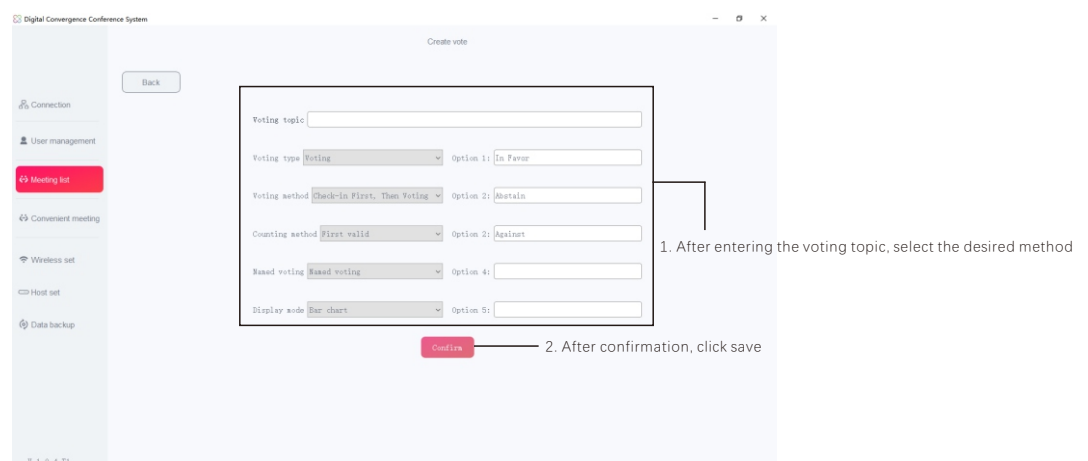
There are two ways to count votes:

- ① It is valid for the first time and the voting options cannot be modified after the vote.
- ② Last valid, voting options can be modified before the end of voting, and will not be recorded until the end of voting Previous options.

There are two ways of naming: ① Naming, which records the voting data and names of the microphone and bound personnel during voting.

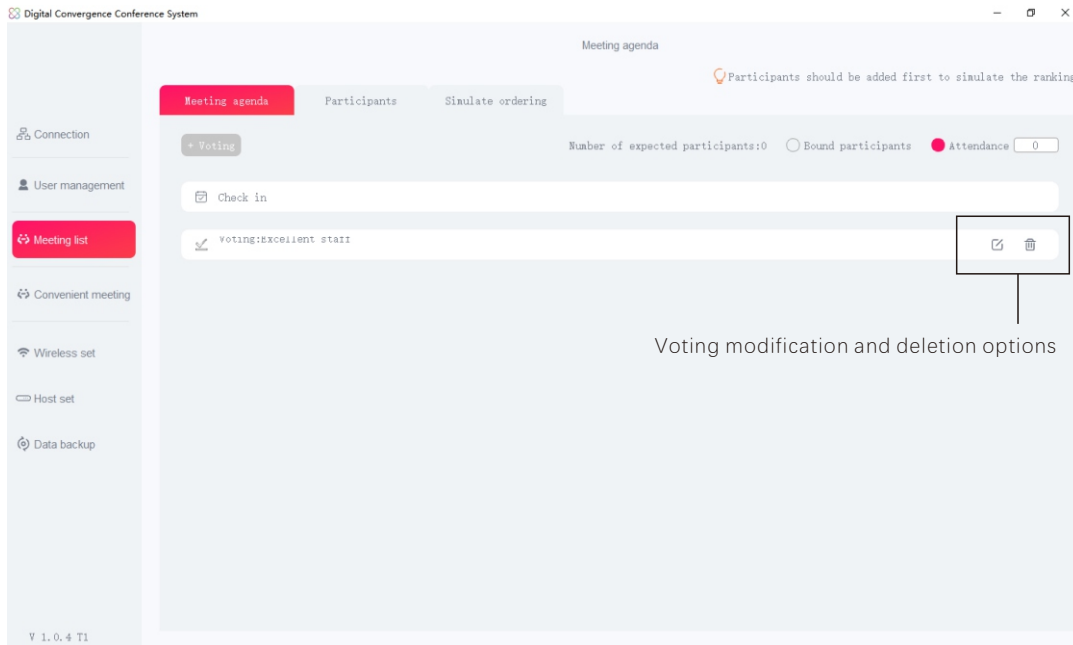
After the meeting, you can view it from the meeting minutes Anonymous. Only recording the microphone Voting data will not record names

There are three display modes: bar chart, pie chart, and text. After the voting is enabled, the voting data can be displayed on the screen according to the selected display method.

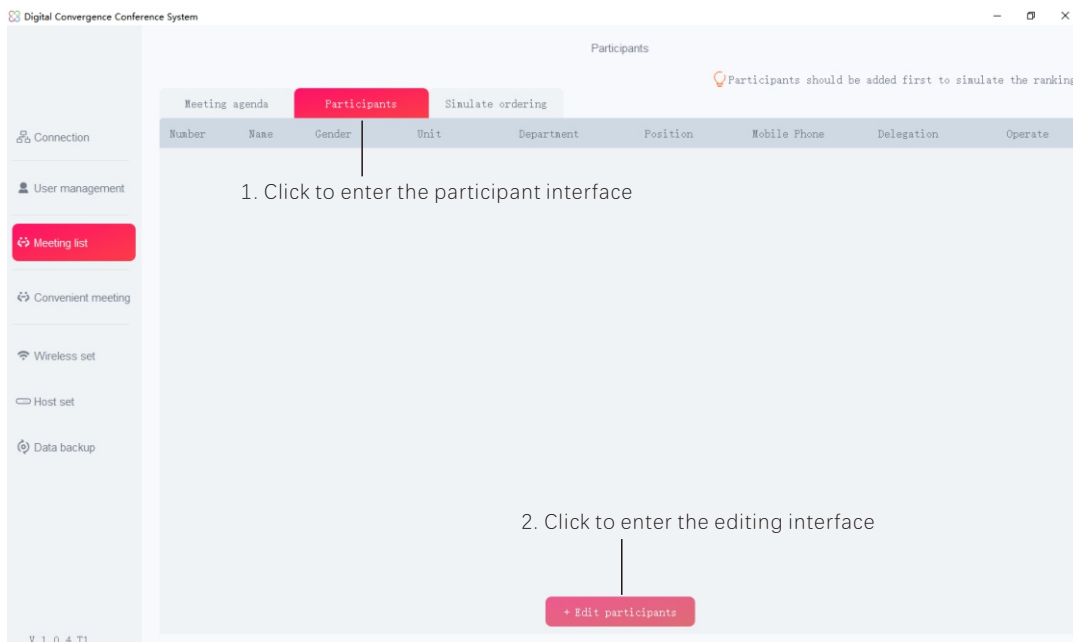


PC upper computer - conference list

After the vote is created, it can be modified and deleted.

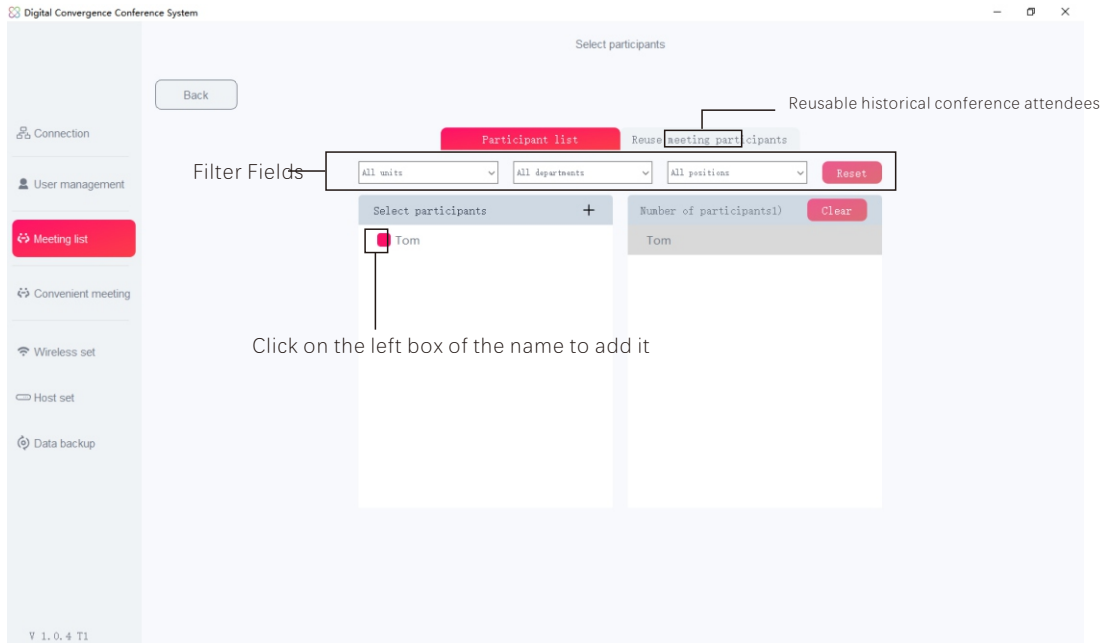


- 3 Click on the attendees above to enter the attendees interface. Click on the 'Edit Attendees' option below to add the attendees managed by the input personnel to the current meeting. Used for subsequent microphone binding and data recording.

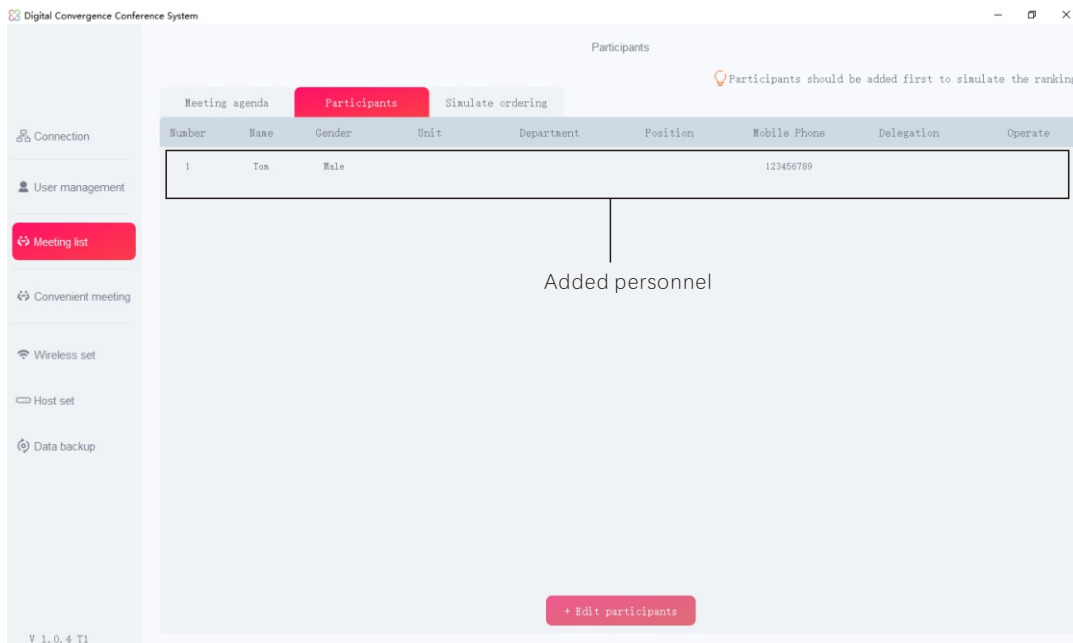


PC upper computer - conference list

You can filter and locate the personnel who need to attend the meeting through the filtering bar. After positioning, you can click on the personnel to add. The option to reuse meeting personnel allows for the reuse of historical meeting personnel without the need for manual addition.

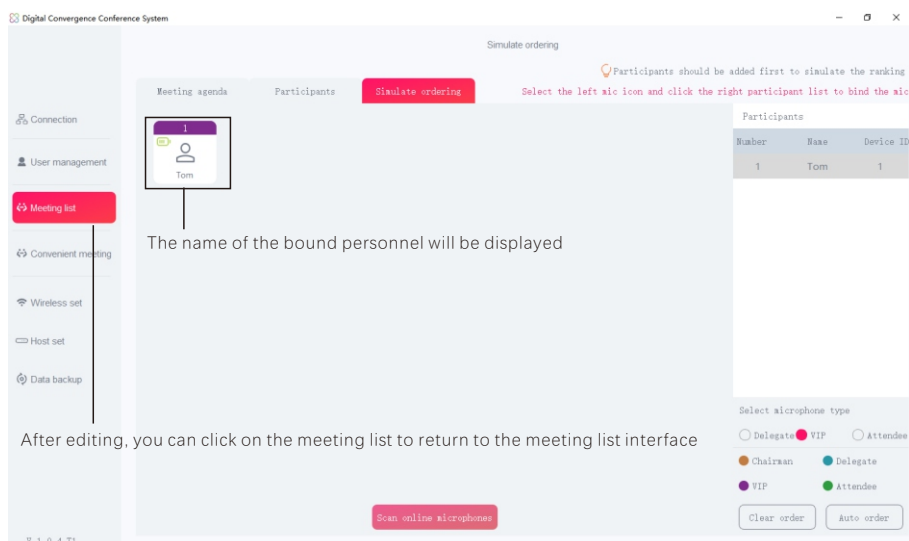
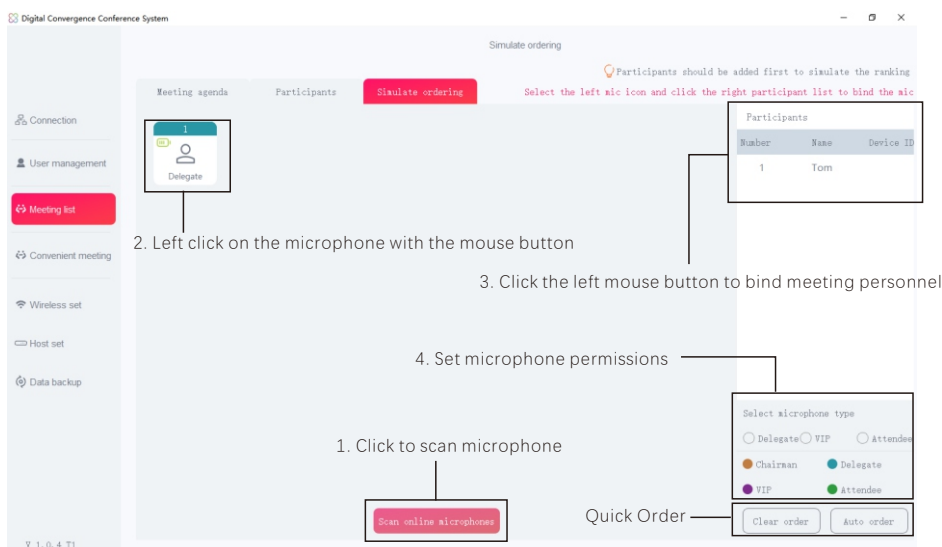


After successful addition, click back to return to the attendee interface. The interface will display the information of the added personnel. If you need to modify it, you can click "Edit" again to enter the editing interface and make the necessary changes.



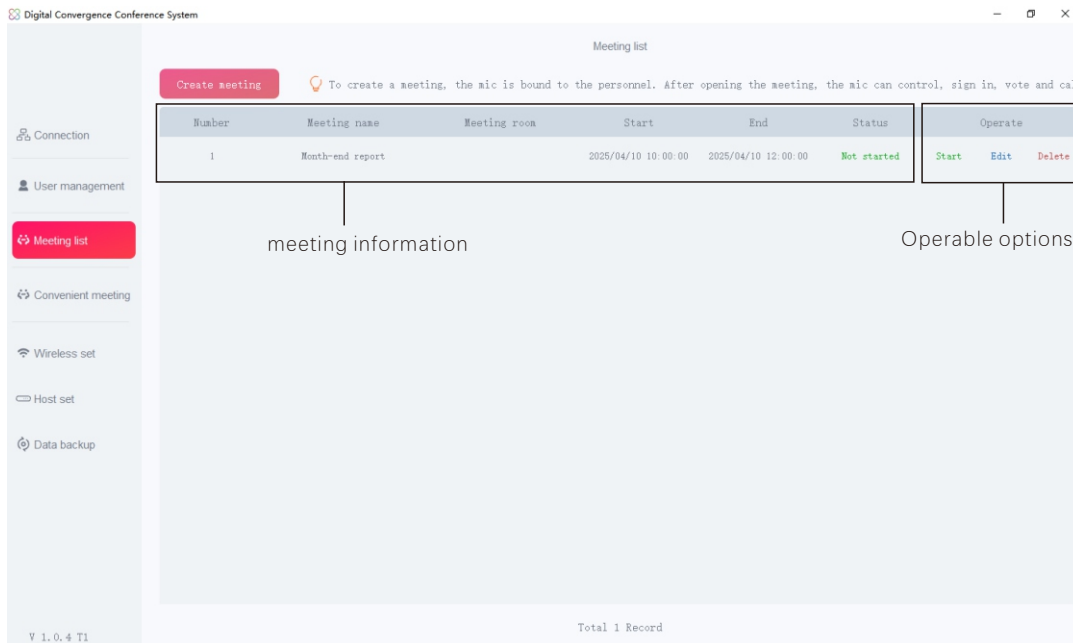
PC upper computer - conference list

- 3 Simulated ranking can bind the microphone with the conference participants added in the participant interface, and corresponding permissions can be set. Binding information can be used for subsequent functionality and data recording.
1. Click to scan the online microphone, the microphone connected to the conference host will display, and the wireless microphone will display the current battery level of the microphone. The microphone permission will be displayed based on the color block in the bottom right corner (requiring ID configuration to be scanned).
 2. Click on the microphone unit that needs to be bound to select it, and then click on the personnel list on the right to successfully bind it. After successful binding, the name of the personnel will be displayed on the microphone.
 3. Microphone permissions can be reset except for the chairman. (Microphone permissions can only be set after binding personnel) First, click on the bound microphone that needs to modify permissions. Then, click on the permissions in the bottom right corner to modify them. After successful modification, the corresponding color will be displayed. There are three types of modifiable permissions: delegate (limited by meeting mode and speaking quantity), VIP (not limited by meeting mode and speaking quantity, wireless conference microphone VIP permission will be limited by speaking quantity), and non voting (limited by meeting mode and speaking quantity, and cannot participate in voting).

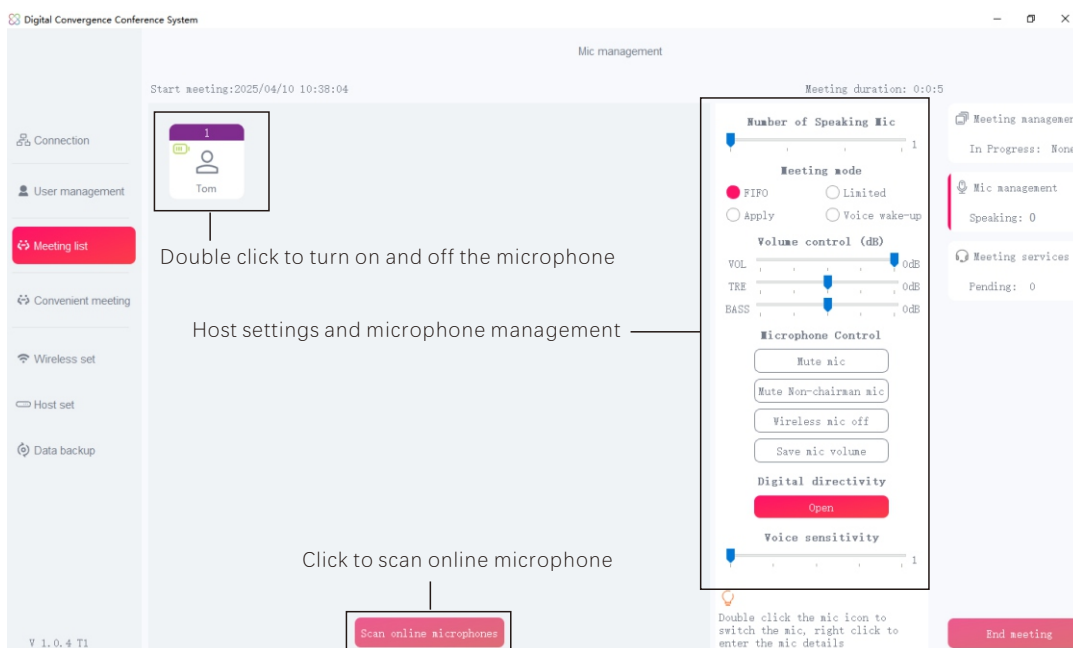


PC upper computer - conference list

- 4 After the pre meeting preparation phase is completed, you can click on the meeting list to return to the list interface. The list interface will display the newly configured meeting, along with the start and end times and meeting status. There are three options available:
1. Start, click on Start to start the current meeting and enter the meeting phase. There are three modules in total: microphone management, conference management, and conference services.
 2. Edit. After clicking Edit, you can return to the pre meeting preparation stage and modify meeting information and configuration.
 3. Delete, delete the current meeting.

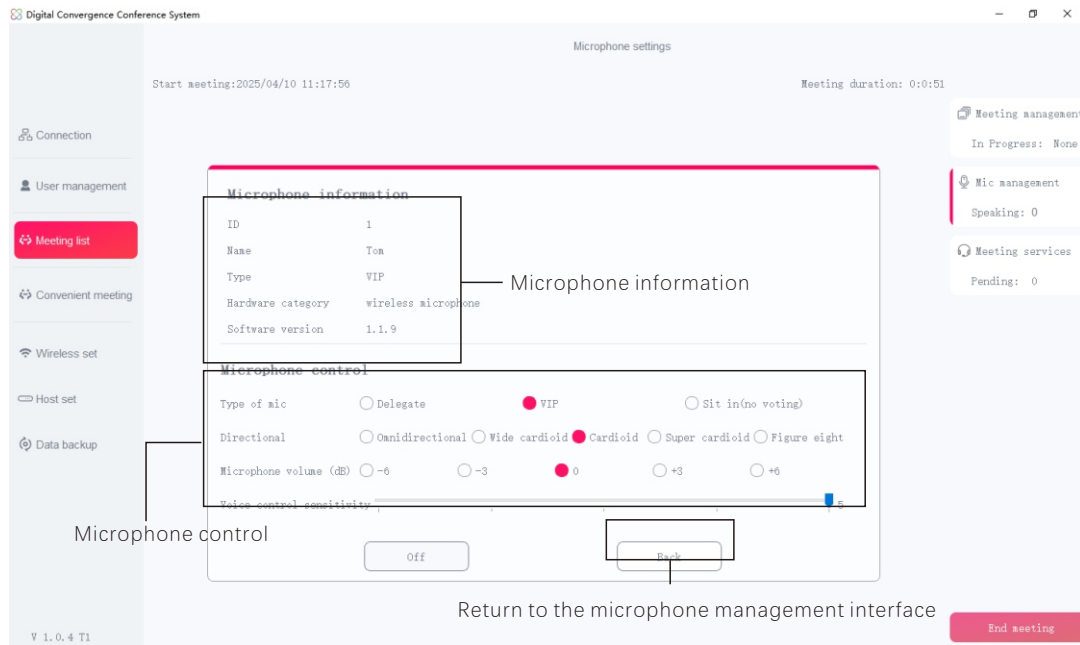


After starting the meeting, automatically jump to the microphone management interface. You can click to scan the microphone for display and monitoring. The meeting settings can be modified in the upper right corner, such as the maximum number of speeches, meeting mode, and host capacity. At the same time, global control of the microphone can be performed, and the digital directional function can be turned on and off (after turning it on, the microphone can manually modify the directional function on the display screen). Adjust the global voice control sensitivity (sensitivity when using voice wake-up function).

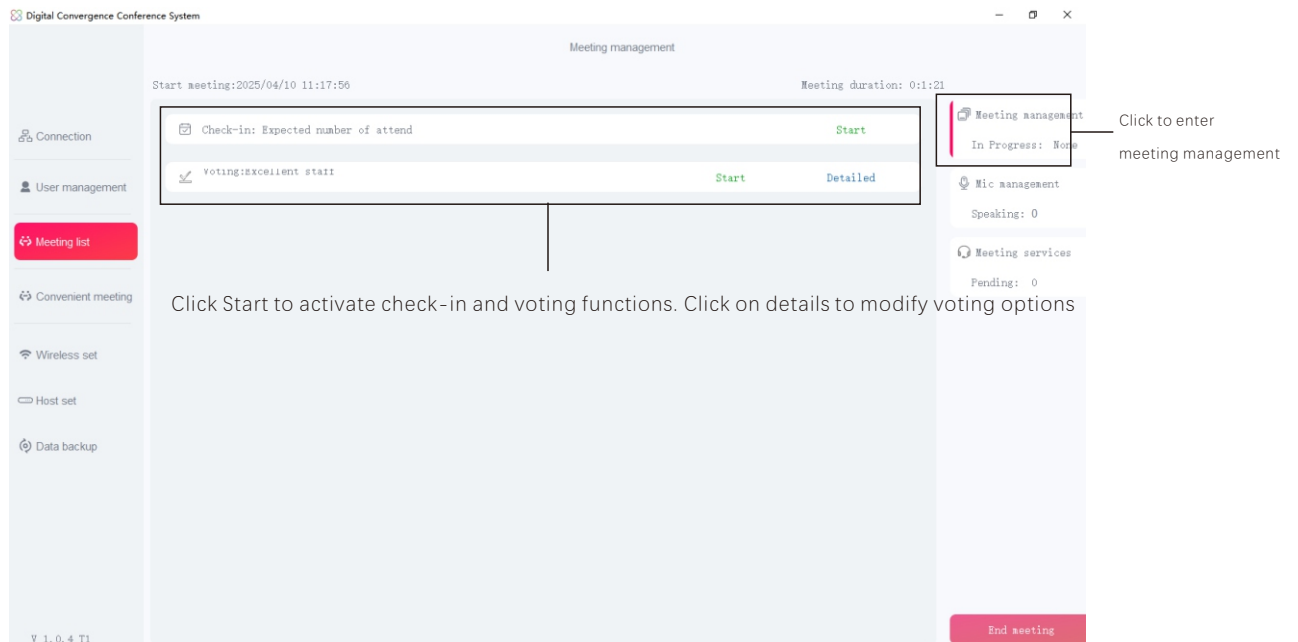


PC upper computer - conference list

Right click on the microphone to enter the corresponding microphone settings interface. You can view microphone information, adjust microphone directivity, microphone volume, and voice sensitivity. After setting up, click back to return to the microphone management interface.

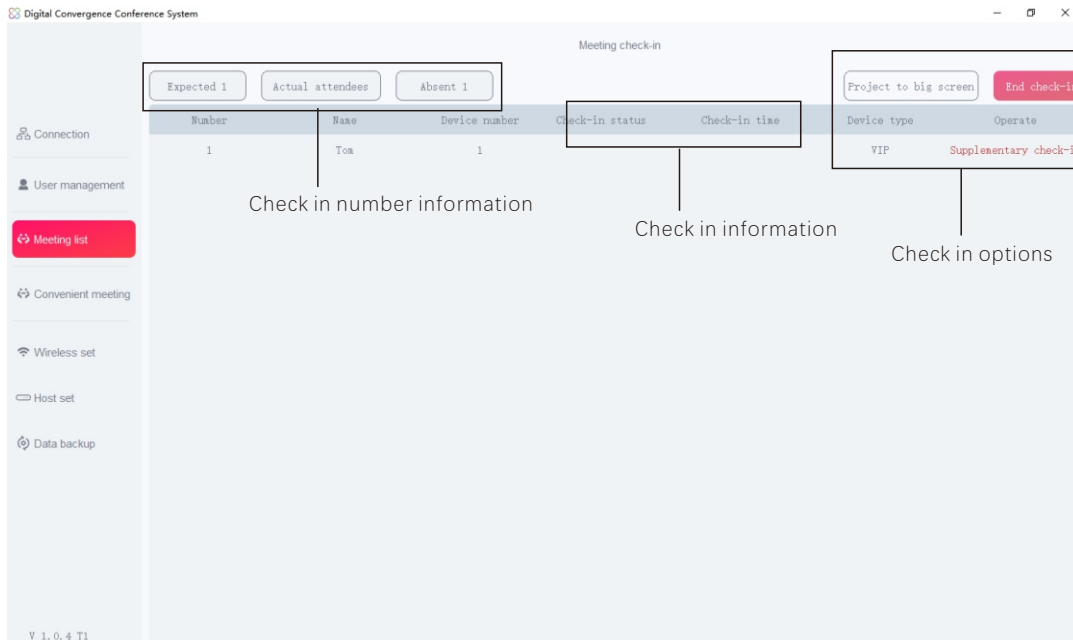


Click on the meeting management button on the right to enter the meeting management interface, where you can enable check-in, modify and enable voting options. (If the voting is set to sign in before voting, the voting function can only be activated after signing in.)

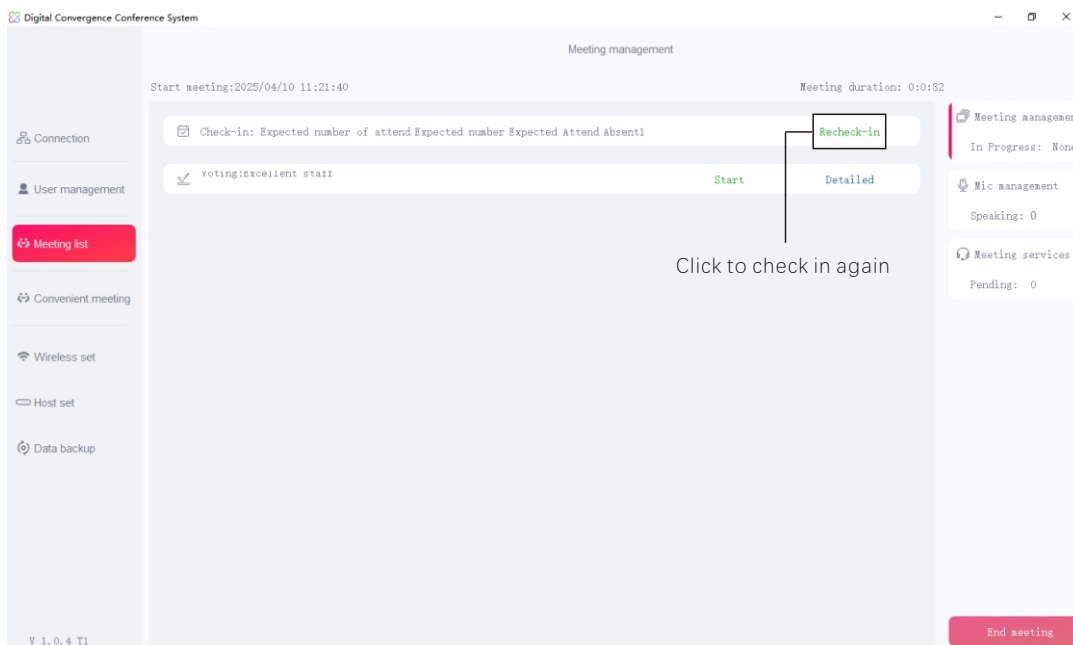


PC upper computer - conference list

After enabling check-in, enter the check-in interface. The number of attendees will be generated based on the number or options set during the pre meeting preparation stage. You can view information such as name, check-in time, etc. PC can use supplementary check-in to assist with check-in. The result can be projected onto the large screen by clicking on the top right corner for display (an additional screen needs to be connected to display it, and only the check-in information will be displayed).

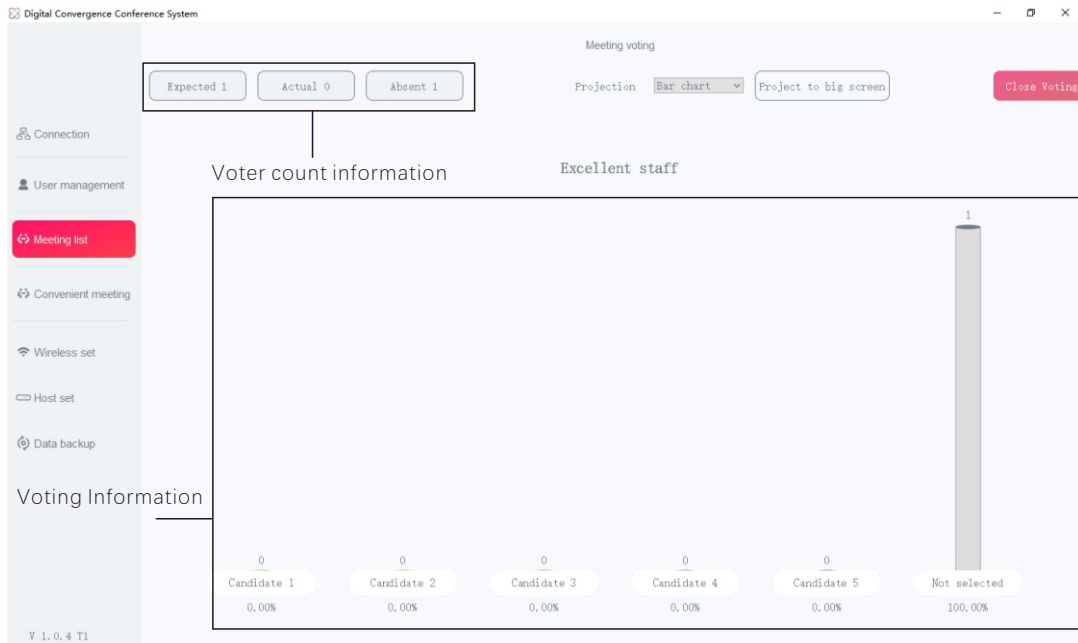


After the check-in is completed, you can click on 're check-in' in the meeting management interface to re sign.

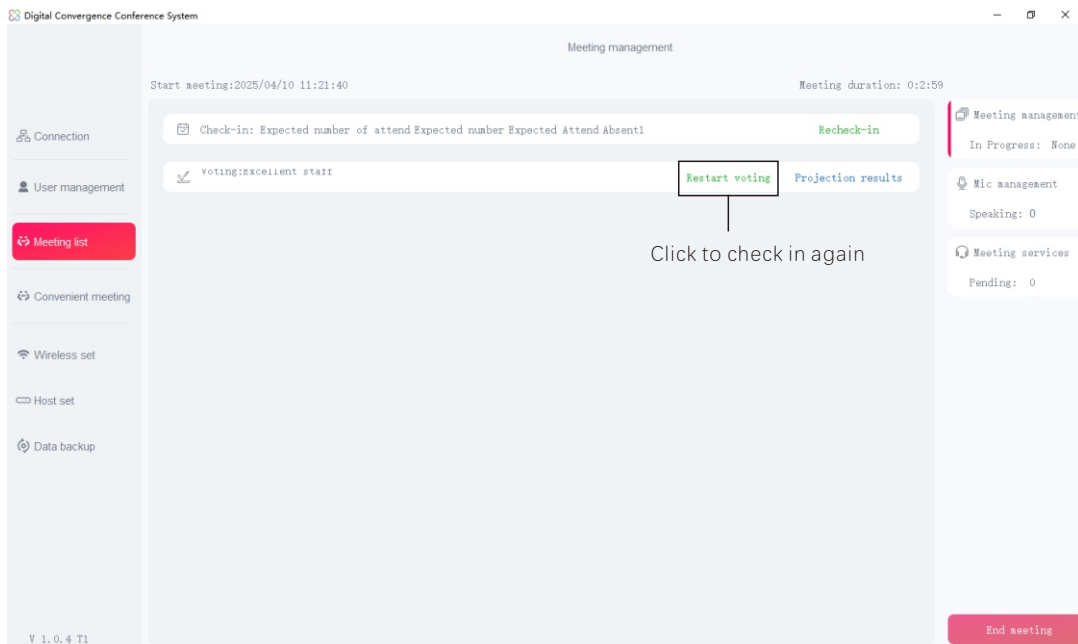


PC upper computer - conference list

After starting the voting process, enter the voting interface. The voting data will be displayed on the interface and can be projected onto the large screen. The voting results will be displayed according to the selected display method. (Voting can only be conducted on the large screen and non attending microphones)

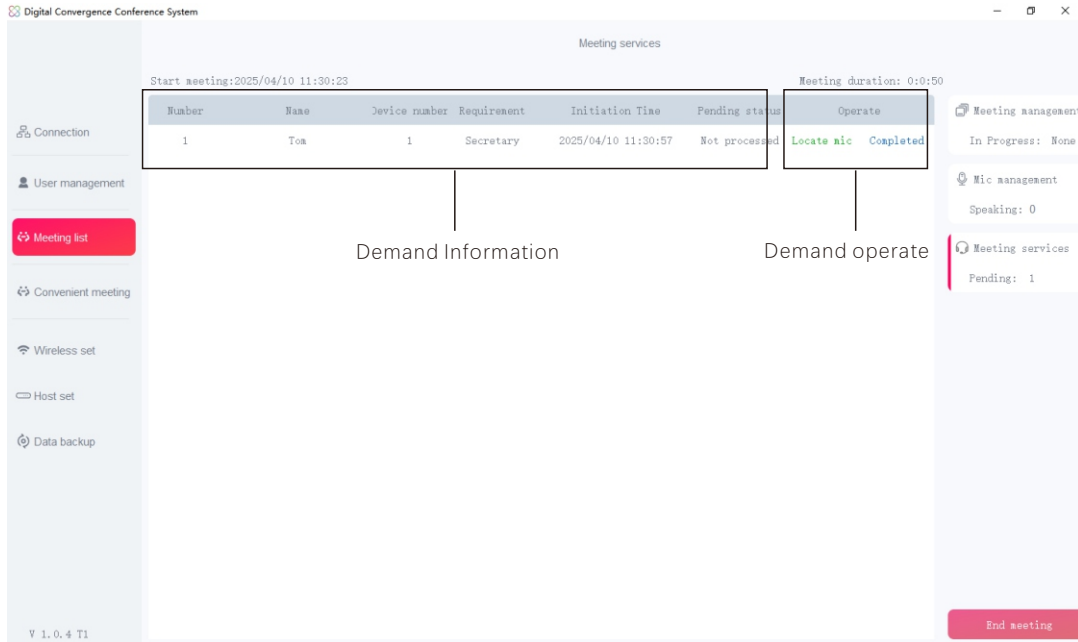


After the voting is over, you can click on "Re vote" in the meeting management interface to re vote. (After the voting ends, you can only vote again and cannot reset the voting options)



PC upper computer - conference list

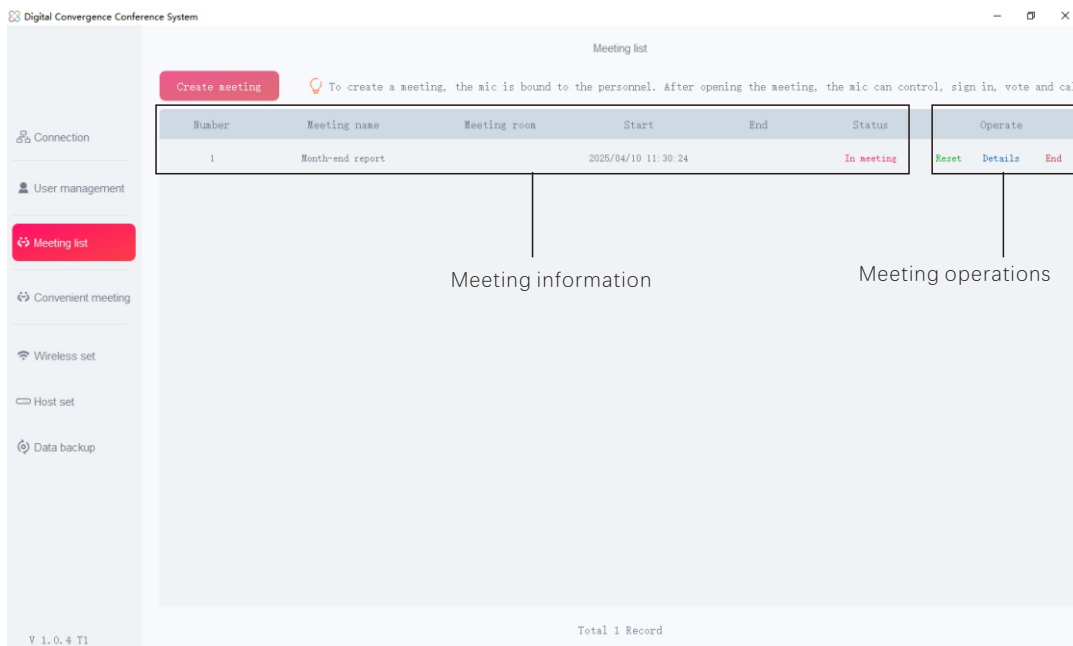
Click on the conference service on the right to enter the conference service interface. When the microphone unit uses the call function, the conference service interface will display the corresponding requirements. You can click to locate the microphone, and the microphone speaking indicator light will flash for 10 seconds. Locate the location of the person. After completing the requirements, you can click 'Finish' on the conference service interface to end the requirements and make a record.



Demand Information

Demand operate

During the meeting, you can click on the meeting list to return to the list interface. Meeting information can be queried again. Click Reset to revert back to the meeting not started state, click Details to return to the microphone management interface, and click End to end the current meeting.



Meeting information

Meeting operations

PC upper computer - conference list

5 After clicking 'End Meeting' during the meeting, it will return to the meeting list. The meeting list will display the actual start and end times of the current meeting.

1. Clone - Click Clone to quickly create a new meeting. (Cloning will clone all settings of historical meetings)
2. Details - Clicking on details will enter the meeting details interface, where you can view attendance, voting, meeting service and other information records, and support export function.
3. Delete - Clicking delete will delete the current meeting, including data information.

Meeting list

Create meeting

To create a meeting, the mic is bound to the personnel. After opening the meeting, the mic can control, sign in, vote and call.

Number	Meeting name	Meeting room	Start	End	Status	Operate
1	Month-end report		2025/04/10 11:30:24	2025/04/10 11:52:51	Ended	Clone Details Delete

meeting information

Meeting Operations

Total 1 Record

Meeting name

Check-in Information Vote Information Meeting services

Start a meeting: 2025/04/10 11:53:38 Meeting duration: 0:0:18

Number	Name	Device number	Check-in status	Check-in time	Device type
1	Ton	1	✓	2025/04/10 11:53:43	VIP

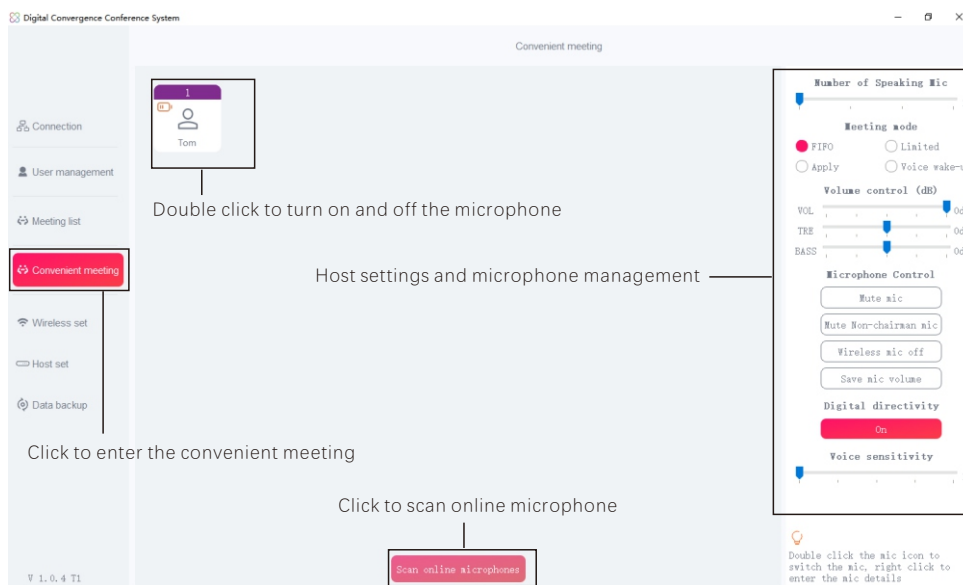
Click to switch information

Click to export as an Excel spreadsheet

Export

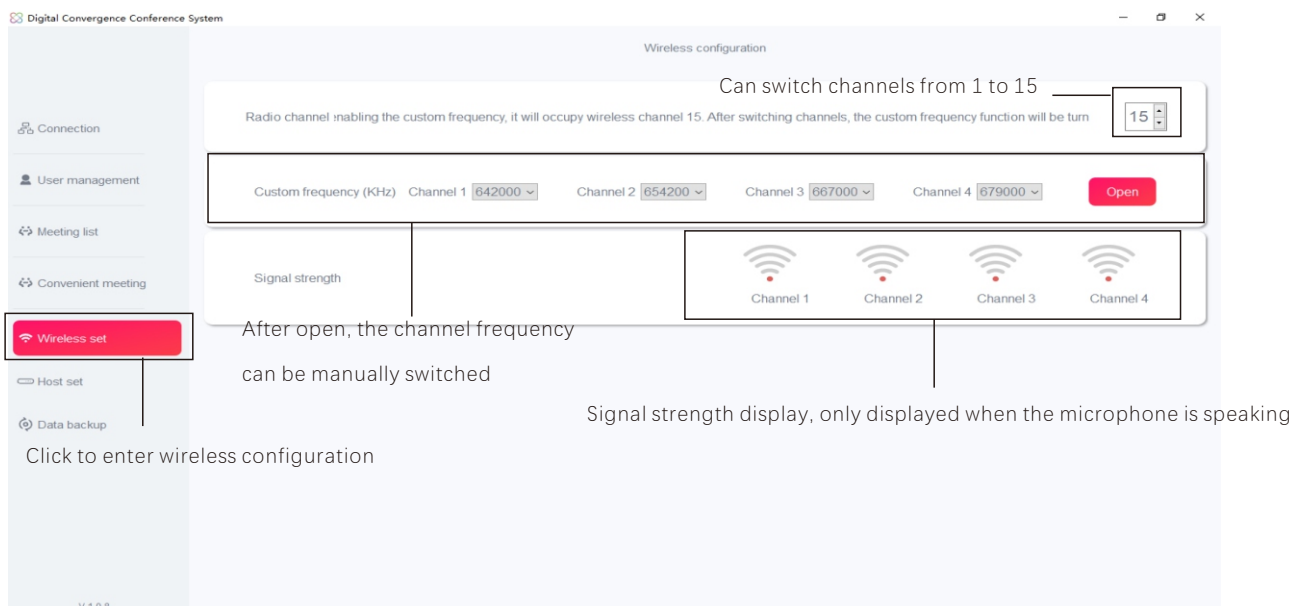
PC upper computer - convenient meeting

- 1 Click on the convenient meeting to enter the convenient meeting interface. This function can be used for small meetings without the need to create a new meeting. You can directly enter the microphone management interface to conduct the meeting. You can click to scan the microphone for display and monitoring. The meeting settings can be modified in the upper right corner, such as the maximum number of speeches, meeting mode, and host volume. At the same time, global control of the microphone can be performed, and the digital directional function can be turned on and off (after turning it on, the microphone can manually modify the directional function on the display screen). Adjust the global voice control sensitivity (sensitivity when using voice wake-up function). Convenient meeting, does not support functions such as check-in, voting, and conference services, and cannot store meeting data after the meeting ends.



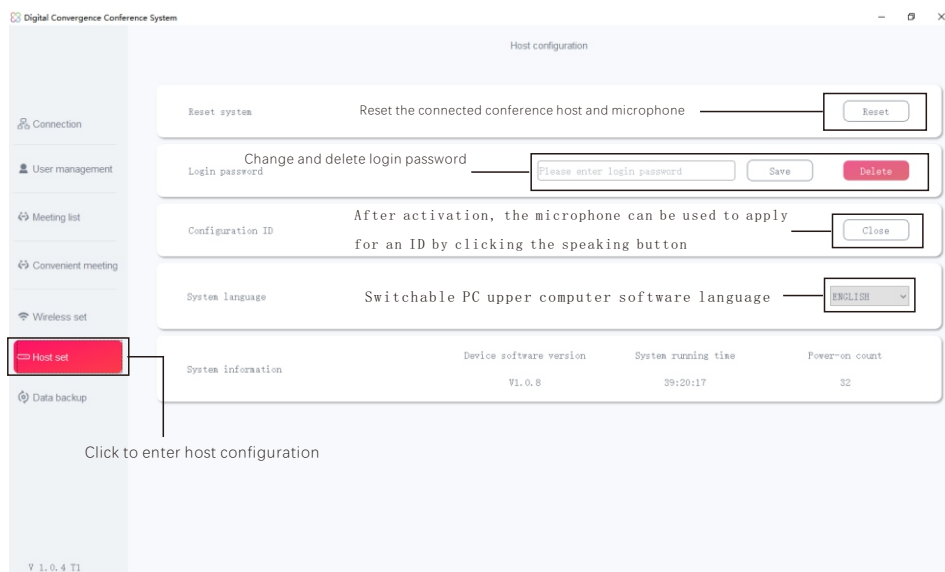
PC upper computer - wireless configuration

- 1 The wireless configuration option needs to be connected to the wireless conference host at the device connection interface before it will be displayed. Click on Wireless Configuration to enter the Wireless Configuration interface, where you can switch wireless channels and view the signal strength of the current transmitting microphone. When the microphone signal is poor, you can try switching channels for adjustment. After the self defined frequency is enabled, it defaults to using 15 channels and can manually switch the frequency of 4 channels



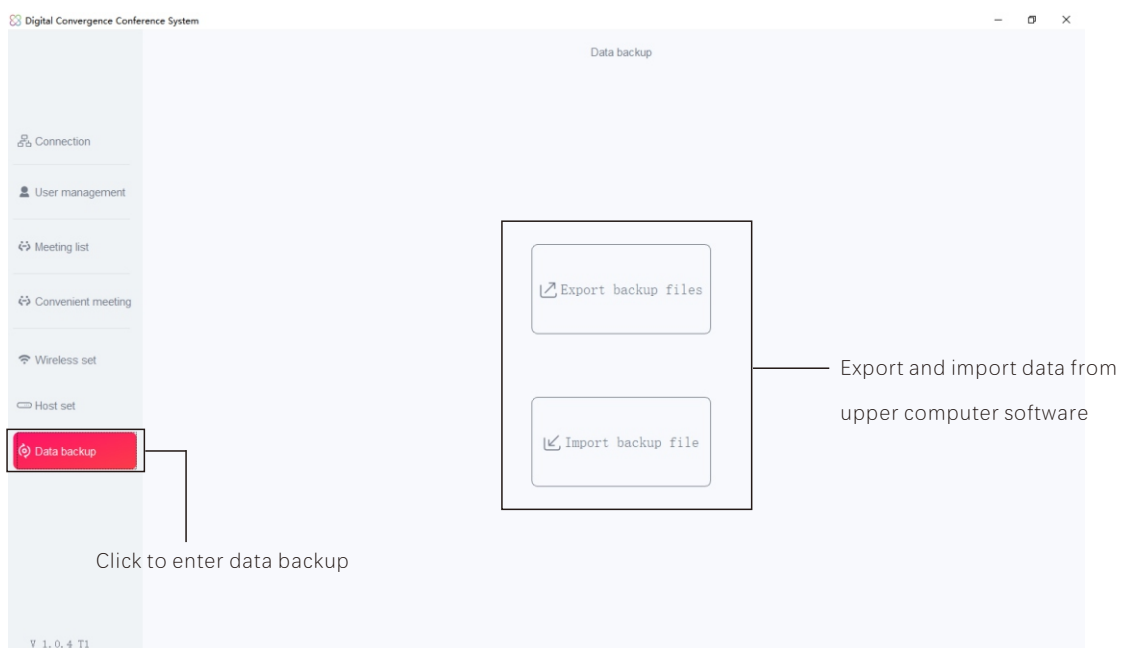
PC upper computer - Host configuration

1. Click on Host Configuration to enter the Host Configuration interface. Unable to enter host configuration without connecting to the conference host on the device connection interface. The host configuration interface can perform:
 1. System reset - Initialize the connected conference host and microphone.
 2. Login Password - Change or delete login password (detailed operation can be found in the beginner's guide - PC upper computer login).
 3. Configure ID - Enable and disable the configuration ID. After activation, clear the current microphone ID, and the microphone can click the speaking button to reapply for an ID. When using the conference system, all microphones need to be configured and not Duplicate IDs are required for normal use.
 4. System Language - Modify the language of the upper computer software to switch between Chinese and English.
 5. Check system information - system version number, system running time, boot times.



PC upper computer - data backup

1. Click on data backup to enter the data backup interface. You can export and import backup files. Export backup files, which can export meeting personnel entered by personnel management and data from meetings in the meeting list. Importing backup files allows for the import of this data.



FAQ

1 ID Configuration Issues

Q: Why do two or more microphones end up with the same ID number during ID configuration?

A: After clicking "Apply for ID" on a wireless microphone, it takes a short time to exchange data with the wireless conference host. If other microphones click "Apply for ID" during this interval, the host may assign the same ID data to them simultaneously, resulting in multiple microphones having the same ID.

Q: Why does the ID number increment abnormally when applying for IDs sequentially during configuration?

A: After clicking "Apply for ID", the wireless microphone sends a request to the host. If the button is clicked multiple times while waiting for the host's response, multiple requests are sent. This causes the ID data returned by the host to increment abnormally.

Q: Two meeting rooms each use one wireless conference host. Why, when configuring IDs using one of the hosts following the correct procedure, does the ID number applied for by the microphones increment abnormally?

A: When using two or more wireless conference hosts in close proximity, it's essential to ensure their operating channels are different. You can change the channel via the PC software or Bluetooth utility. If wireless conference hosts operate on the same channel, microphone ID application will be abnormal, preventing correct ID configuration.

Q: When using wireless conference hosts in multiple rooms that are close together, will enabling the ID configuration function in one room affect the wireless microphones in other rooms?

A: The ID configuration function does not affect already connected microphones in other rooms. After enabling ID configuration, if microphones in other rooms receive the signal while connected to their own host, their indicator lights will flash to indicate rejection of the configuration. Only a wireless microphone that is not connected to any host will enter the ID configuration interface upon receiving the signal.

2 PC Software Issues

Q: When creating a meeting, why is the "Add Attendees" interface empty in the Edit Participants section, preventing me from adding people?

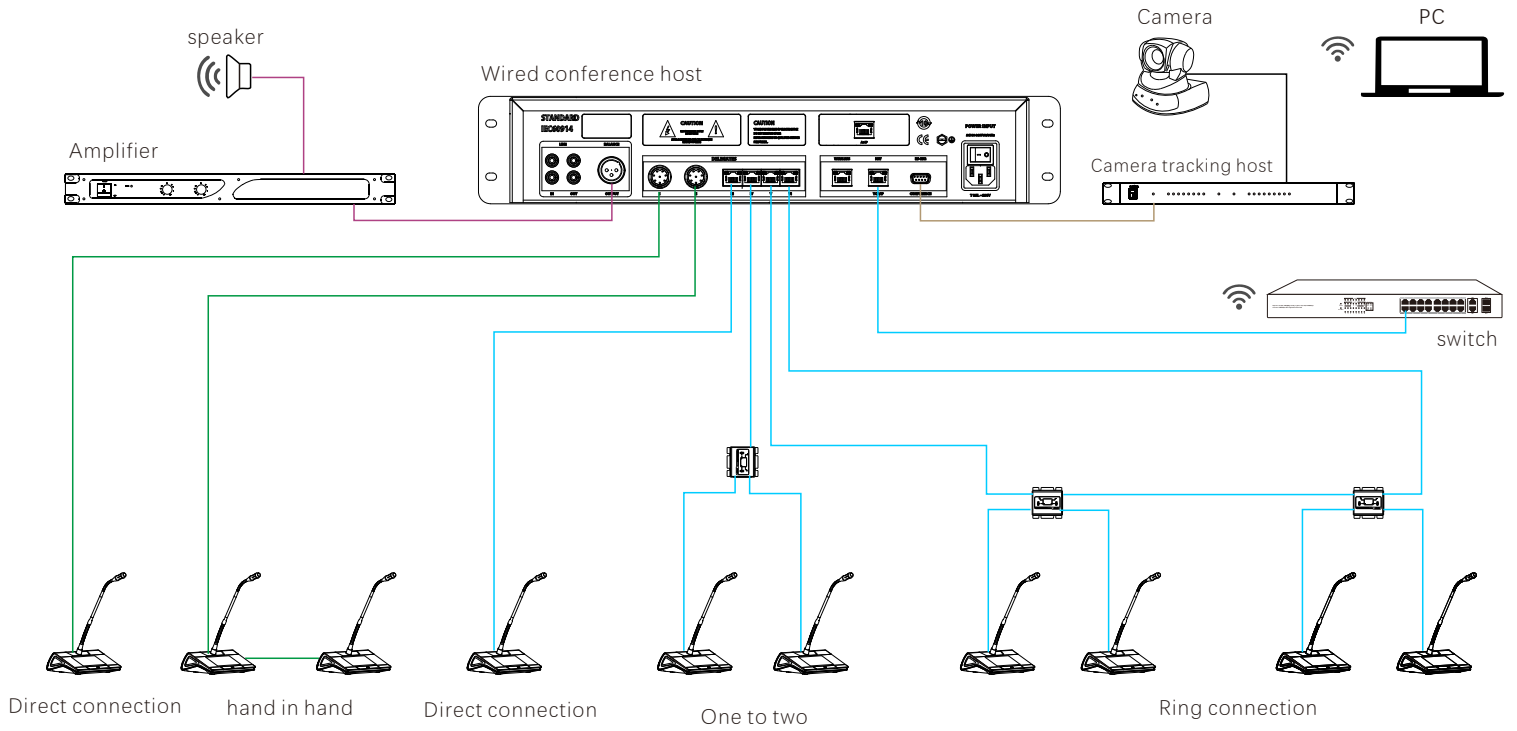
A: To facilitate adding or removing participants for each meeting, you must first enter personnel information in the Personnel List interface. When dealing with many people, you can quickly add meeting participants by exporting a template spreadsheet, editing it, and then importing it. The people you can add in the "Edit Participants" interface when creating a meeting are those previously entered in the Personnel List. Simply check the boxes next to their names to add them to the current meeting.

Q: Why, when using the Quick Meeting function, does a delegate microphone become Chairman/VIP privileges after reconfiguring its ID?

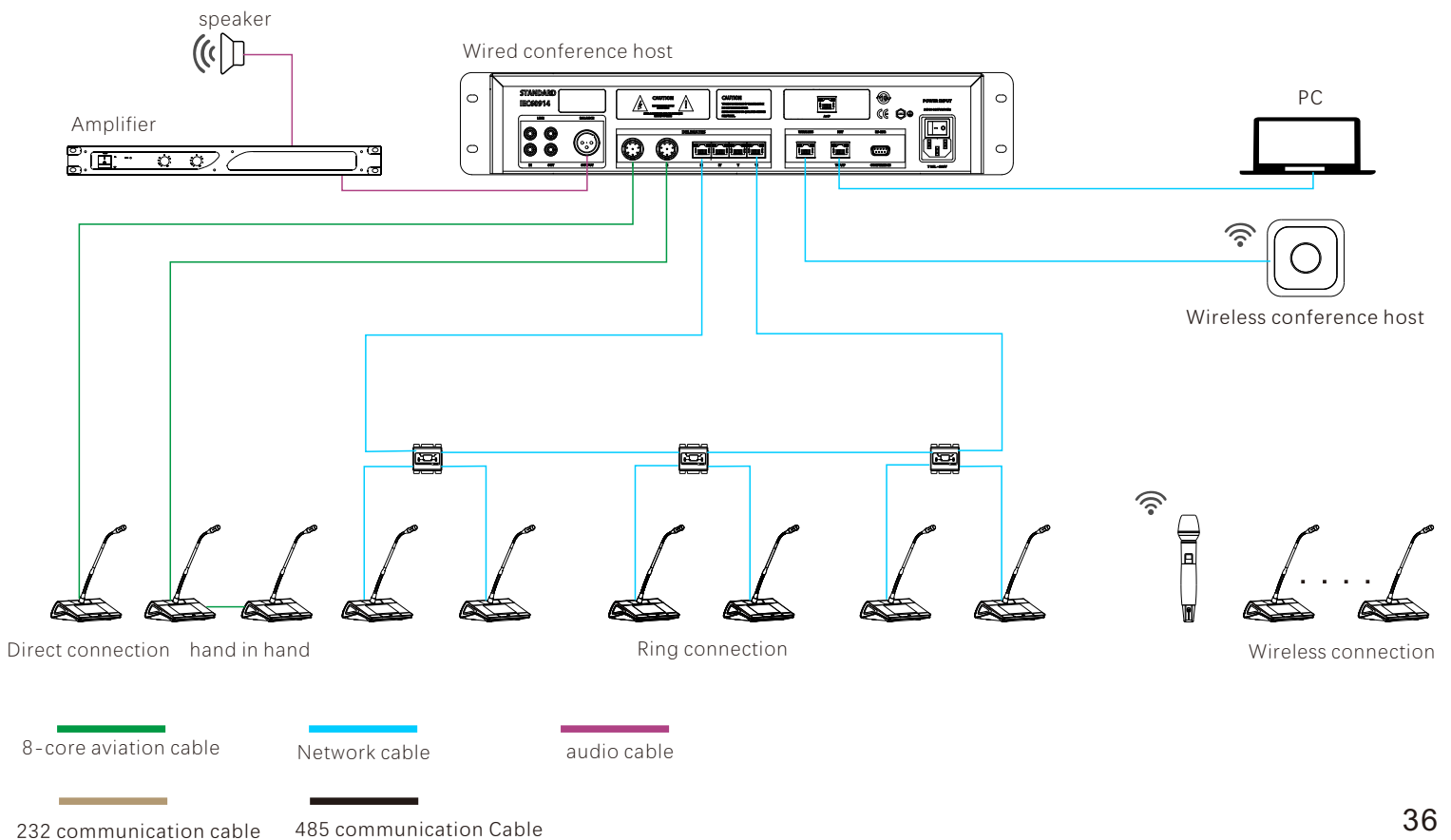
A: After creating a meeting using the PC software, the software synchronizes microphone data (such as Chairman, Delegate, VIP status, bound personnel, etc.) from the Simulated Seating Interface to the Quick Meeting interface. Subsequent use of the Quick Meeting function will then display these permissions and personnel names for ease of operation. If the seating arrangement is not cleared in the "Create Meeting - Simulated Seating Interface" before later using the Quick Meeting function, and microphones are reconfigured with new IDs, the software will match the ID numbers to information stored in the previous seating module. This causes the displayed microphone privileges to appear incorrect. To resolve this, return to the "Create Meeting - Simulated Seating Interface", scan the microphones, and click "Clear Seating".

Scheme topology

1 Analog audio output scheme (with camera tracking function)

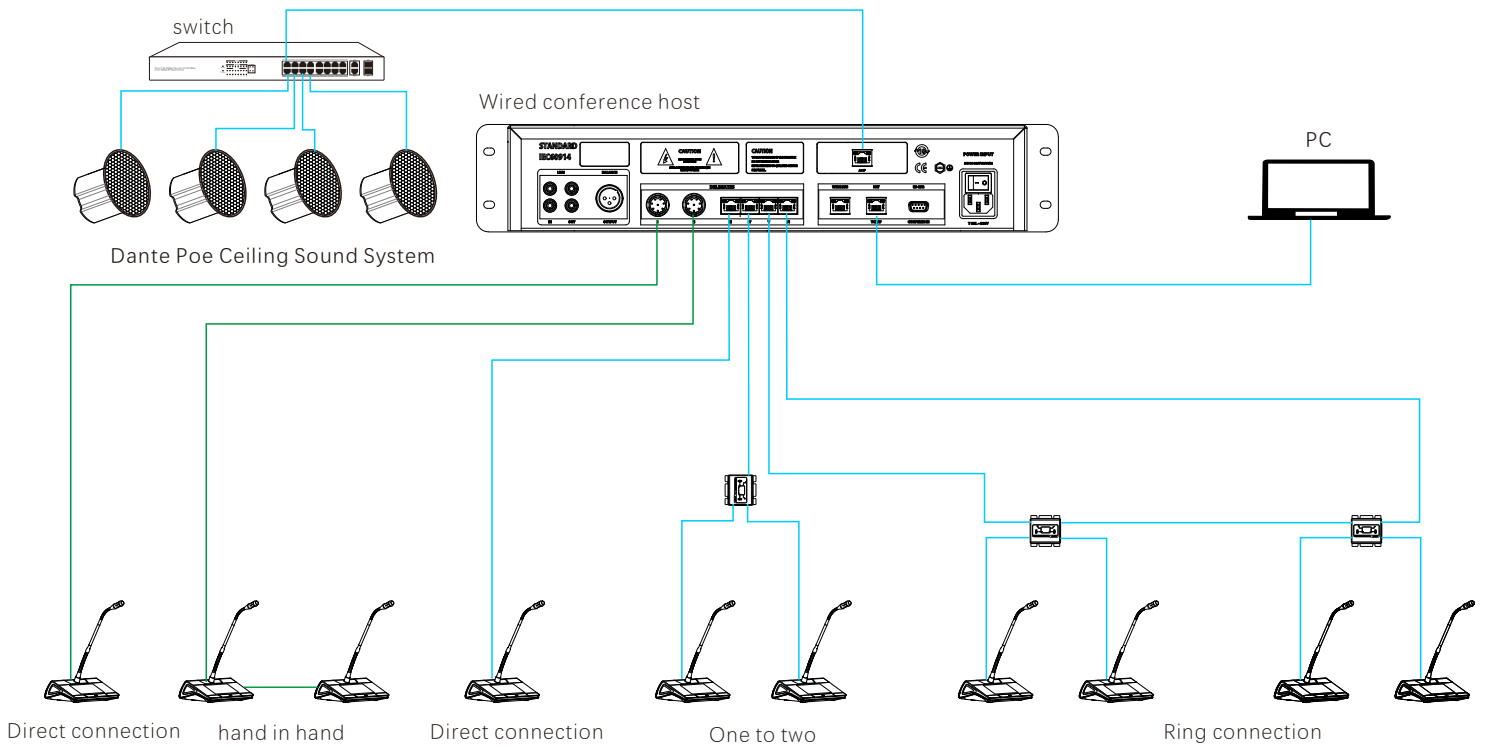


2 Simulated Audio Output Solution (Wired & Wireless Convergence)

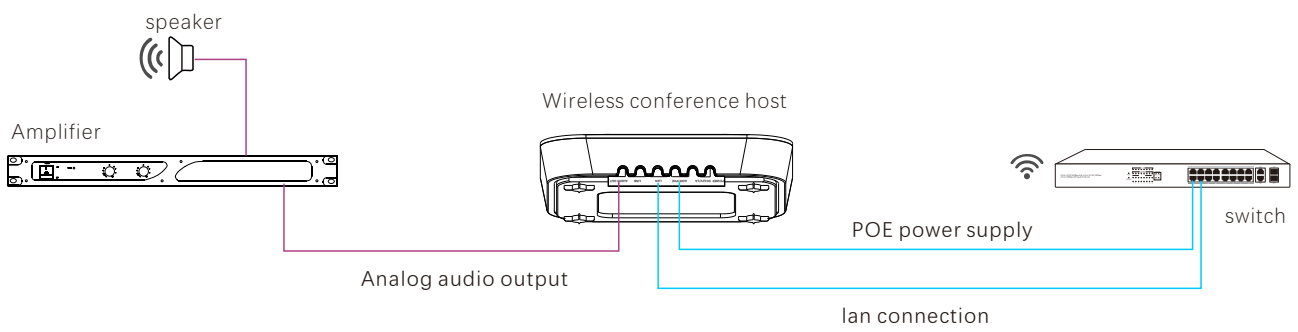


Scheme topology

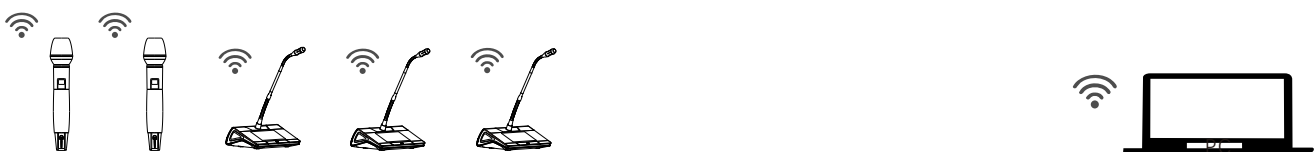
3 Network audio output scheme



4 Analog audio output solution (wireless conference host)



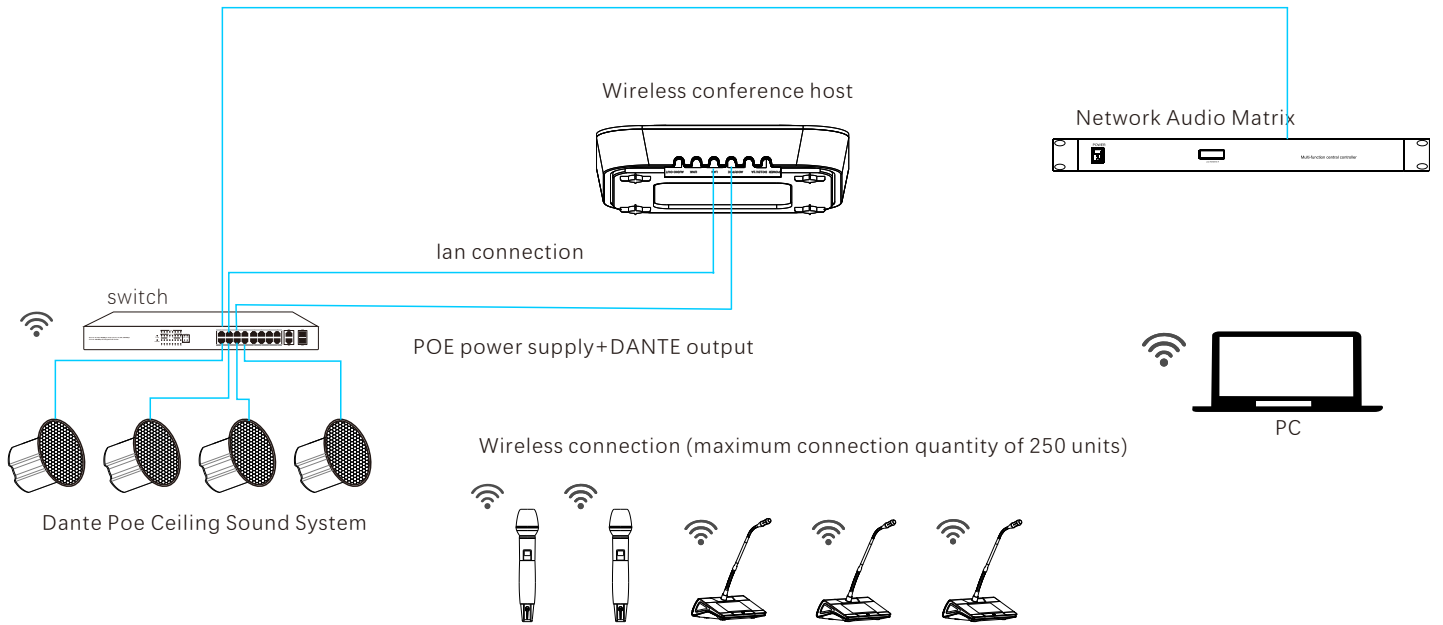
Wireless connection (maximum connection quantity of 250 units)



- 8-core aviation cable
- Network cable
- audio cable

Scheme topology

5 Network audio output solution (wireless conference host)



Network cable

DIGITAL CONVERGENCE WIRELESS CONFERENCE SYSTEM