Public Address System

D6801 Conference Host
D6802 Chairman MIC (3 1.5V AA Batteries)
D6803 Delegate MIC (3 1.5V AA Batteries)
D6802L Chairman MIC (Lithium Battery)
D6803L Delegate MIC (Lithium Battery)

MODE: FIFO   LIMIT: 02
CHAN: CH1   CH2   CH3   CH4
UNIT:
BATT:

ESC   ENTER
VOL -   VOL +

DSPPA   D6801
2.4G PROFESSIONAL DIGITAL MULTIFUNCTIONAL
CAMERA TRACKING DISCUSSION CONFERENCE SYSTEM

POWER
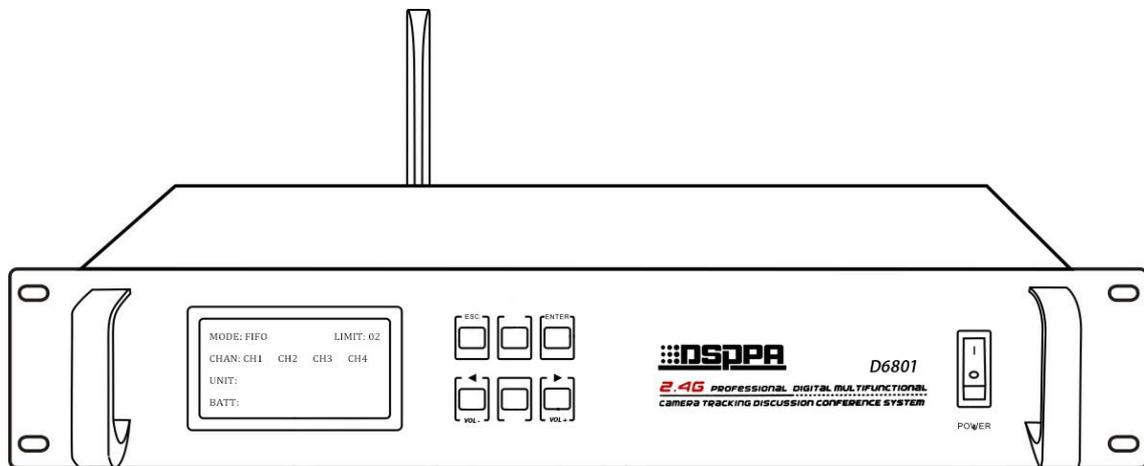
User Manual

Thank you for using our DSPPA public address system. Please read this User Manual carefully to make better use of this equipment.

Guangzhou DSPPA Audio Co., Ltd.

http://www.dsppatech.com / http://www.dsppacs.com

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About the Manual

This User Manual is available and effective upon completion of development of wireless conference system device. The User Manual includes system description, matters needing attentions in use, instructions on system connection, and instructions on use of product of wireless conference system device. Please read this User Manual carefully before connection, installation and use and operate in accordance with corresponding instructions in the Manual.

This symbol on the rear panel indicates matters needing attentions, please use or operate the product in accordance with corresponding instructions.

Please keep this User Manual in good custody for future use.

D—V2.7
Facture 2023-4-6

⚠ Caution

To assure the finest performance, please use or operate the product in accordance with corresponding instructions.

🚫 This symbol indicates "forbidden content"   ❗ This symbol indicates "compulsory content"

■ Please make sure that the power wire is NOT damaged. Do NOT unplug the equipment by pulling the power wire; otherwise it may cause electric shock, short circuit or fire. 🚫	■ When the equipment is in use, DO NOT block the air outlet which should be kept clear, in order to avoid overheat. ❗
■ Do NOT store this equipment in any place with heavy dust or vibration, or where it is extremely cold or hot. ❗	■ Please do NOT place any heavy article on this equipment. Please operate switches, buttons or external audio source carefully. ❗
■ Please prevent foreign matters (such as paper, metal etc.) entering the equipment through the gaps or opening, in such cases, please cut off the power supply immediately. 🚫	■ Do NOT attempt to remove any internal component from the equipment, or to modify the equipment in whatever manner. 🚫
■ In case that sound is suddenly off or there is abnormal odor or smoke, please unplug the equipment from the power socket to avoid potential electric shock, fire or other accident. The equipment should be inspected by professional personnel. **Burning Smell** ❗	■ If the equipment is not in use for a long period, please unplug it from the AC power socket to realize zero energy consumption. ❗
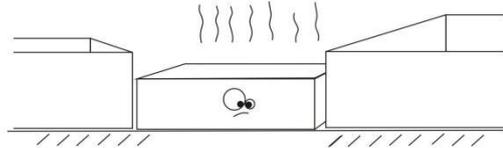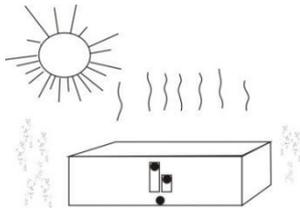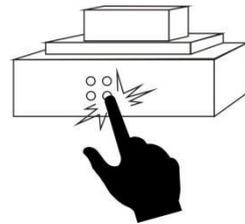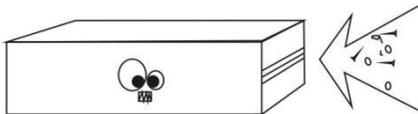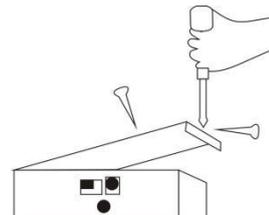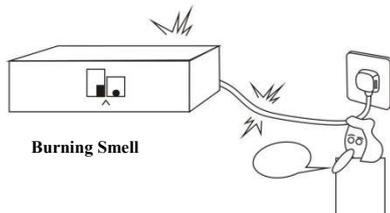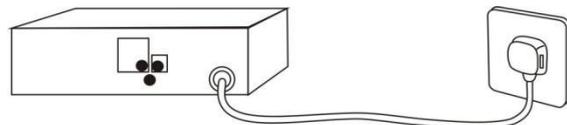
CONTENTS

Chapter One　Host Part

I. Product Description

1.1 Device Introduction

This product is a wireless intelligent discussion conference system with video tracking function. It uses digital wireless processing technology to process audio signals and control signals, no need for complicated wiring. With the scientific ID code design, it can be used when the power is turned on, easy to install and operate. This system has various speaking modes and a video tracking function, making it an indispensable part of the digital wireless video conference system.

1.2 Features

- Adopt 2.4GHz universal frequency processing for the pitch transmission and control signals of this product, which can be moved and used arbitrarily within the range of signal coverage, and can support 255 units.
- With the function of automatic detection of interference signals, it can allocate a frequency that can avoid the interference signal for use when an interference signal is found.
- Using mature 2.4GHz adaptive frequency hopping spread spectrum (ADFHSS) technology, it has good confidentiality and strong anti-interference ability.
- There are four conference modes: first-in first-out (FIFO), limited speech, chairman only, and time-limited speech. At the same time, the number of speakers can be selected from 1-4 (1-4 chairman units, or 1-4 delegate units), and the chairman unit can be arbitrarily matched.
- With real-time video tracking function, it can support 4 channels of video signal inputs and 2 channels of video signal outputs.
- Can realize audio and video control through external central control equipment.
- With a large 4.3" TFT full-view LCD to display work content, and hierarchical menu design to display content such as mode and number of speakers, easy and convenient to use, thereby improving the practical performance.
- With three audio output modes, it can adapt to different audio equipment connections in various occasions, avoiding confusion and embarrassment caused by mismatched equipment connections.
- Using the intelligent power management system, each unit will automatically shut down to reduce battery consumption after the host is turned off.
- With automatic frequency tracking for the conference unit, no need for complicated frequency matching operations.

II. Appearance Description

2.1 Front Panel

1. POWER
2. Full-view 4.3" Color Screen
3. Down Button
4. Up Button
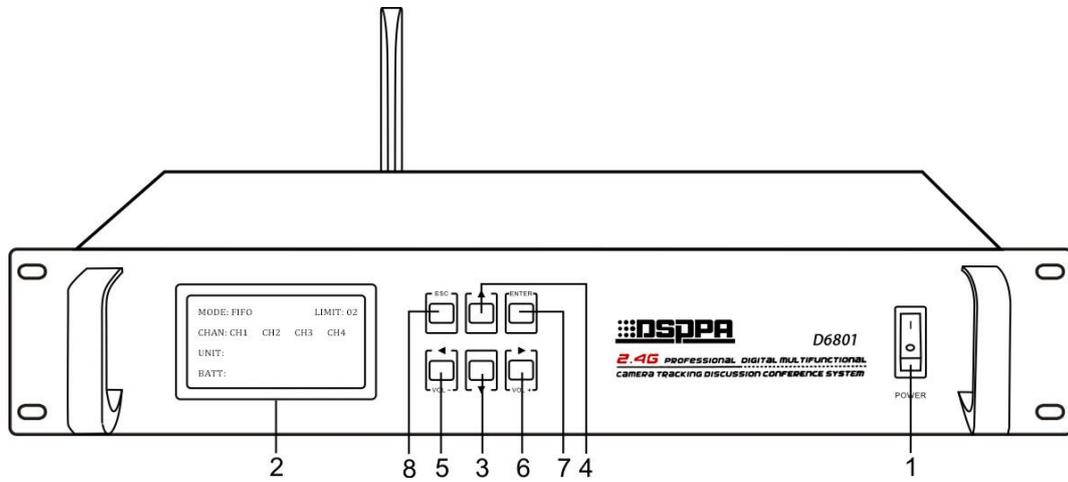
5. Left Button / VOL- Button
6. Right Button / VOL+ Button
7. OK/ENTER/Page-turning Button
8. Exit Button

2.2 Rear Panel
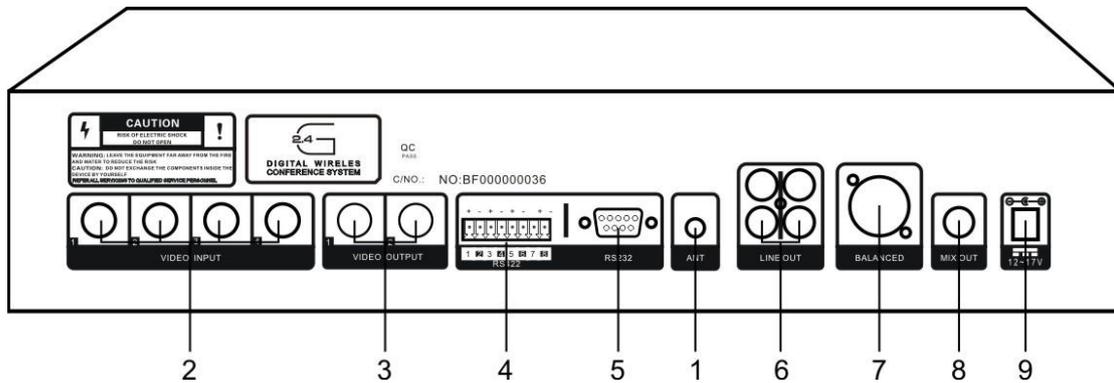
1. Communication Antenna
2. Video Input
3. Video Output
4. Video Control
5. RS232 Port

6. LINE OUT
7. Balanced Output
8. Unbalanced Output
9. DC IN

III. System Working Environment & Operating Procedures

3.1 System Working Environment

After taking out the host from the packing box, connect the antenna to the antenna socket of the host, and adjust the antenna to the top up and basically perpendicular to the ground. Please note that reflective objects such as large metal objects, walls and ceilings, as well as shielding objects like human bodies will weaken the direct signal of the transmitter. In order to obtain good results, please follow the following rules to place the host: The host should be as close as possible to the use area, and at least 1.5 meters away from large metal objects, walls, scaffolds, ceilings and other objects, and try to ensure that there is an open direct signal path between the conference unit and the host.

3.2 System Operating Procedures

➢ Install the receiving antenna, and plug in the power supply, and the host enters the power-on state.

➢ Press the POWER switch, press the Up button "▲" or Down button "▼" to select the desired system language in "Chinese" and "ENGLISH", press the OK button "ENTER" to enter the system welcome page, and the host enters the working state. At this time, the LCD screen displays five items: "mode, number of speakers, channel, unit ID, cell".

➢ Use the corresponding audio cable to connect the output port of the host to the MIC input port of the amplifier and adjust to an appropriate volume. All chairman and delegate units can be used as long as the switch is turned on.

IV. System Functions

4.1 Working Status Settings

➢ Press the OK button "ENTER", and the content of the working status option flashes once and is displayed with a black background. Press the Left button "◄" or Right button "►" to select between the two options of "mode, number of speakers", and press the Up button "▲" or Down button "▼" to adjust the desired mode or value in the selected option.

➢ 1. Mode: There are four modes: "FIFO", "limited speech", "chairman mode" and "time-limited speech".

① FIFO: After reaching the limited number, the last opened unit will interrupt the earliest opened unit.

(For example: Set the limited number of speakers to 3. If there are unit A, unit B and unit C, the unit A will automatically exit when the unit D enters, and so on.)

② Limited speech: It means that the number of units opened at the same time can be set to 1-4.

③ Chairman mode: It means that only the chairman unit is allowed to speak, and no delegate unit can speak.

④ Time-limited speech: It means that all delegate units can only speak within a limited time. (When this mode is selected, press the OK button "ENTER" to enter the time setting interface, press the Left button "◄" or Right button "►" to select among the three options of "hours, minutes, and seconds"; press the Up button "▲" or Down button "▼" to adjust the required time value in the options.)
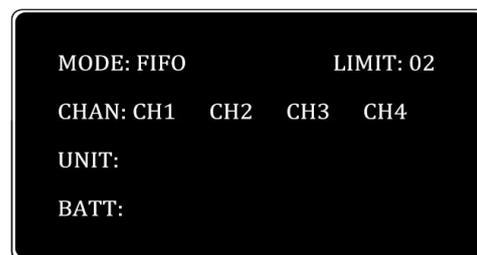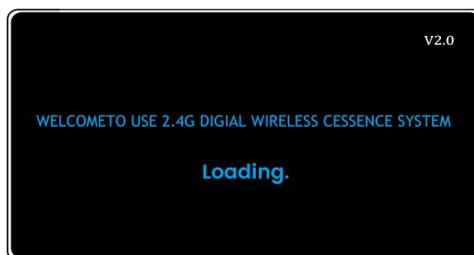
➢ 2. Number of speakers: 001-004 people can be chose.

4.2 Unit Setup and Diagram

➢ On the main interface, press the OK button "ENTER" three times to enter the unit setup interface. The setting option content "Unit ID (1-255)" is displayed with a black background. And then press the Up button "▲" or Down button "▼" to adjust the desired value (unit ID) in the option.

➢ Turn on the power switch of the unit, and press the Standby/Speak button within 15 seconds of the unit in standby state, and the host can communicate with the unit. When the display of the host displays the word "OK", it means that the allocation is successful.

※ Note: Each unit needs to set an independent ID number (unit number), and there can be no duplication.

```
  UNIT SET                          UNIT SET

     UNIT ID(1-255):001  ↕            UNIT ID(1-255):001  ↕
```
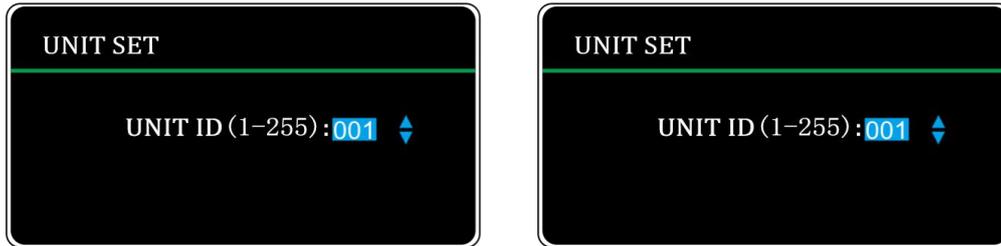
4.3 Camera Settings and Diagram

➢ On the main interface, press the OK button "ENTER" four times to enter the camera setting interface. The setting option content flashes once and is displayed with a black background. Press the Left button "◄" or Right button "►" to select among the three options of "PTZ ID(1-4), Unit ID (0-255), and camera protocol", and press the Up button "▲" or Down button "▼" to adjust the desired value in the selected option.

```
  VIDEO SET                         VIDEO SET

  UNIT ID:    :  000                UNIT ID:    :  000
  CAMERA    :  001                  CAMERA    :  001
  PROTOCOL :  PELCO-D               PROTOCOL :  PELCO-D
```

➢ 1. PTZ ID (1-4): Each host can support 4 cameras. According to the input port, select the corresponding PTZ ID.

➢ 2. Unit ID (0-255): Each host can support 255 units. According to the ID number set by each unit, save the corresponding preset point. 000 is the scene setting point.

➢ 3. Camera protocol: Four protocols of "PELCO-D, PELCO-P, EVI-D70, SONY VISCA" can be selected for cameras from different manufacturers. The camera preset point is adjusted via the remote controller or the console, and must be saved according to the corresponding ID number (after setting the tracking point via the remote controller, select the ID number in the remote controller and press Save).

※ Note: After setting the status each time, you are required to press the Exit button "ESC" to exit.

VIDEO SET	VIDEO SET
UNIT ID: : 000	UNIT ID: : 000
CAMERA : 001	CAMERA : 001
PROTOCOL : PELCO-D	PROTOCOL : PELCO-P

VIDEO SET	VIDEO SET
UNIT ID: : 000	UNIT ID: : 000
CAMERA : 001	CAMERA : 001
PROTOCOL : EVI-D70	PROTOCOL : SONY VISCA
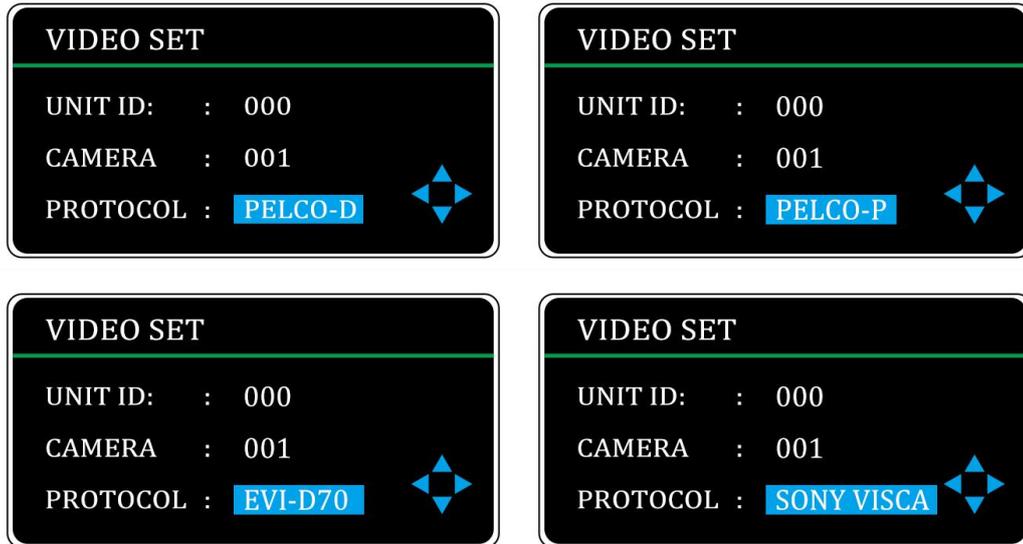
4.4 Master Volume Setting and Diagram

➢ In any working status, the output volume of the host can be adjusted by just pressing the Left button "◀" or Right button "▶". Press the Left button "◀" or Right button "▶" to adjust the volume to the desired volume. (Press the Left button "◀" to decrease the volume, press the Right button "▶" to increase the volume) When adjusting the desired volume value, there is no need to press the OK button "ENTER", and the host will automatically confirm and save, and then return to the main interface.

```
VOL SET
───────────────────

VOL : ● ● ● ● ● ● ▮ ▯ ▯ ▯
              60%
```
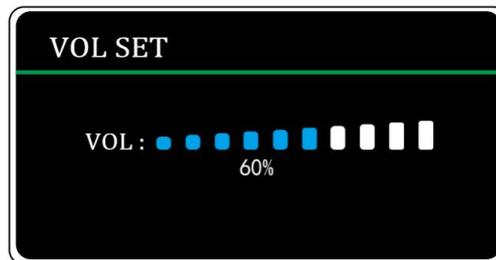
V. Camera Tracking and Debugging

5.1 Unit Setup

Allocate the unit ID according to the number of units used in each system (the ID of the unit cannot be repeated and is set before leaving the factory), press "ENTER" on the host panel three times to enter the menu operation: turn on the power of the unit IDs to be allocated independently and press the Speak button once, and the host and the unit will automatically pair with each other, and the host will display OK. Repeat such operations to complete allocations of all units.

5.2 Camera Settings

1. The default PTZ ID is 001, which is the video signal input port, and the unit ID is 000, which is used to save the full field position of the venue. The unit ID number should correspond to the preset point number saved by the

camera (make sure that every unit is saved on the host according to the preset point).

2. If there are multiple cameras in use, the unit IDs can only be superimposed in order, and the tracking objects can be distinguished by the PTZ ID. For example: There are 20 units. Use two cameras to achieve the tracking function, tracking 10 units each, and then it is allocated as follows: PTZ ID: 001, Unit ID: 001-010; PTZ ID: 002, Unit ID: 011-020.

3. Baud rate: 9600KB/S (fixed)

Camera communication protocol: PELCO-D, PELCO-P, SONY VISCA, EVI-D70 (consistent with the camera dome protocol).

5.3 Preset Point Settings

There are 3 setting methods: remote controller, PC software, console.

1. The panoramic position is saved with 000 (default code).

2. The corresponding preset point is the original saved unit number. First save the preset point, and then verify that each point is valid by calling it. If it is normal, it means it is saved successfully.

3. Debug: Test whether the host can control the camera normally after the host is connected to the camera.

Normal status: Turn on the camera corresponding to the speaking unit to call the preset point of this unit to achieve tracking. Track the last opened unit when multiple units are opened. The camera returns to the panoramic position when all units are closed.

5.4 FAQ (The Camera Cannot Rotate)

1). The camera can receive the signal status indication.

Causes: 1. Wrong baud rate.

          2. Wrong communication protocol.

          3. Wrong address code.

2). The camera cannot receive any signal.

Causes: 1. The control cable is connected incorrectly (not connected properly, connected reversely).

          2. The host is not connected to the unit properly.

3). The camera can rotate but cannot track the specified microphone.

Causes: 1. Check whether the unit ID of the microphone is saved correctly.

          2. Check whether the PTZ ID is the corresponding camera address code (can directly change it on the host to verify).

          3. Check whether the saved preset point is correct.

VI. Connection Diagram

6.1 System Connection Diagram
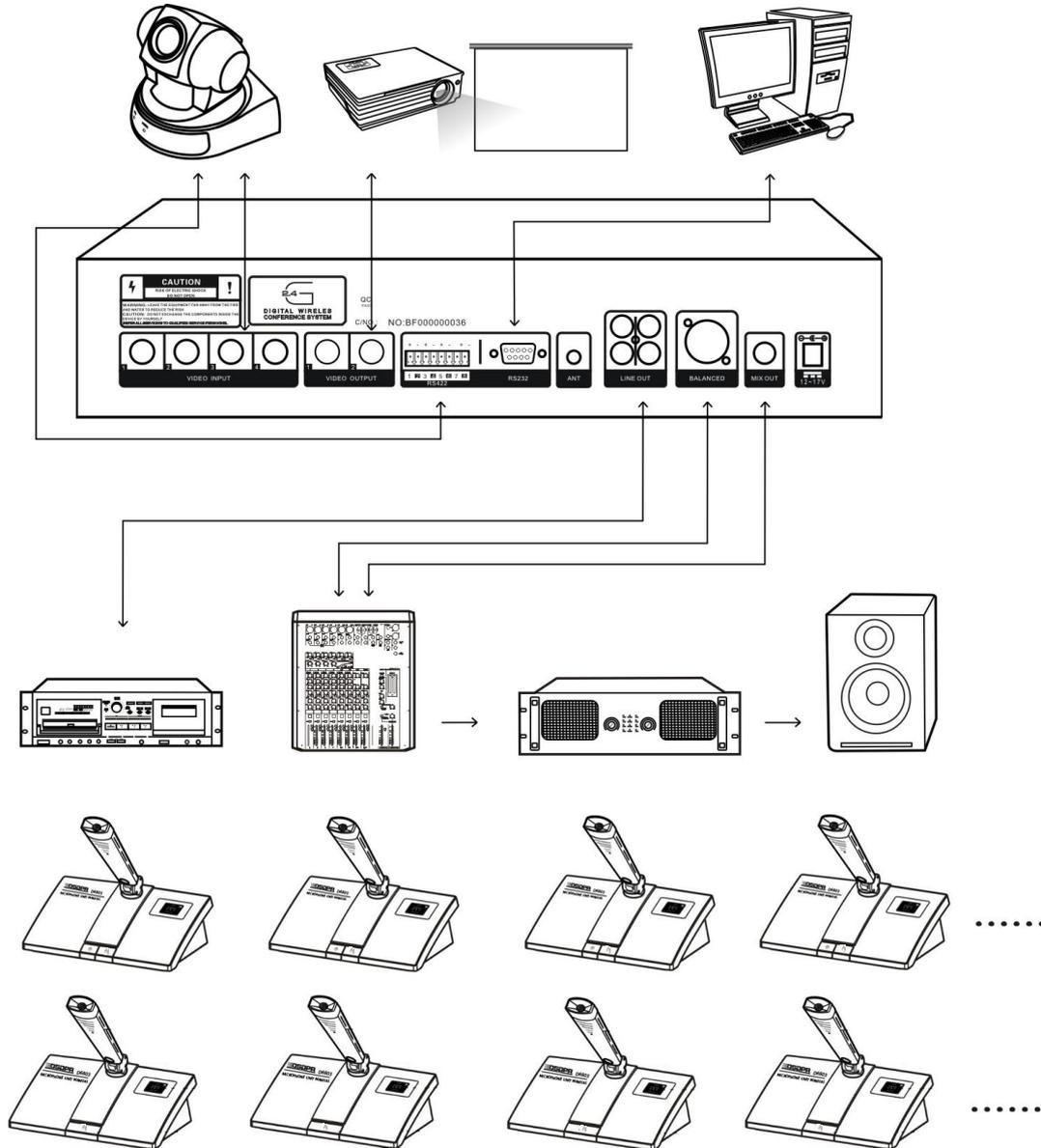
Note:

Precautions for host installation (otherwise it will affect the reception effect)

1m above the floor   At least 1m away from the wall   Antenna perpendicular to the host

6.2 Connection Mode of Host and Antenna

A. Host + Omnidirectional Antenna

In an open environment, connect the 2.4G host to an omnidirectional antenna, with the straight-line distance of ≤30 meters.

The omnidirectional antenna must be vertically upward (as shown in the figure).
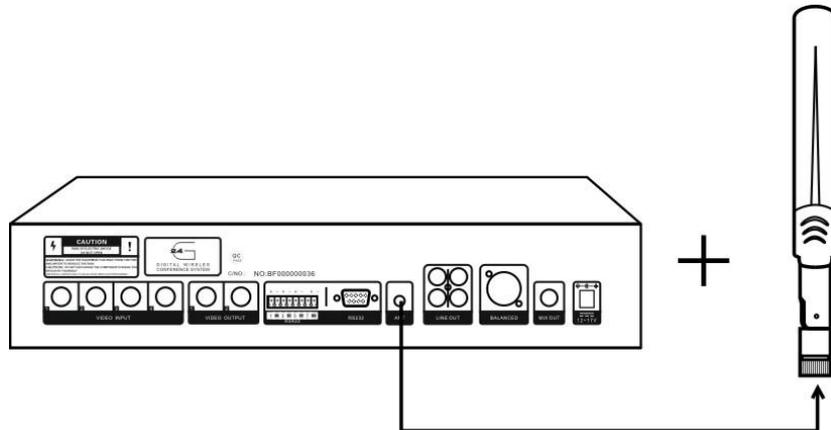
B. Host + 10m Antenna Extension Cable + Antenna Amplifier + Omnidirectional Antenna

Connect the 2.4G host to the antenna extension cable, then to the antenna amplifier, and finally to the omnidirectional antenna, with the straight-line distance of ≤70 meters, which can meet the needs of different occasions and different environments. The omnidirectional antenna must be vertically upward (as shown in the figure), and it needs to pay attention to the front and back signs of the antenna amplifier, where "AMP" is connected to the host, and "ANT" is connected to the antenna.
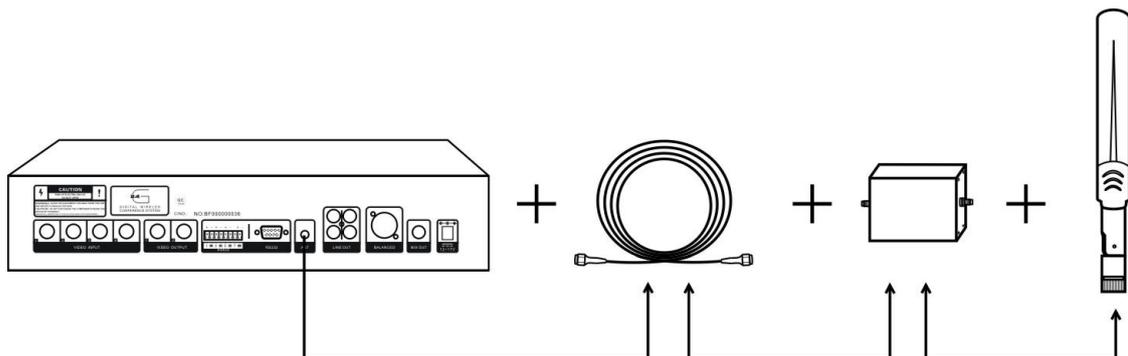
C. Host + Directional Antenna

In an open environment, connect the 2.4G host to a directional antenna, with the straight-line distance of ≤40 meters. The directional antenna angle is 120°. The directional antenna must be vertically upward (as shown in the figure) facing the conference unit. It is forbidden to be used when covering or facing away from the conference unit.
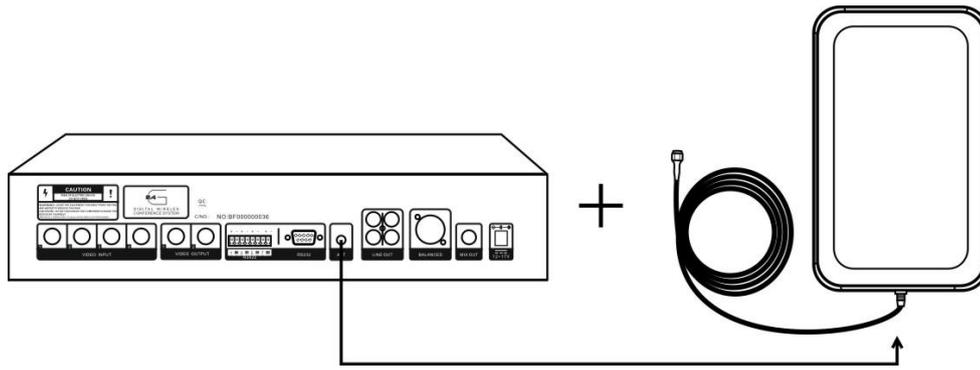
D. Host + 10m Antenna Extension Cable + Antenna Amplifier + Directional Antenna

Connect the 2.4G host to the antenna extension cable, then to the antenna amplifier, and finally to the directional antenna, with the straight-line distance of ≤80 meters, which can meet the needs of different occasions and different environments.

The directional antenna must be vertically upward (as shown in the figure) facing the conference unit. It is forbidden to be used when covering or facing away from the conference unit. It needs to pay attention to the front and back signs of the antenna amplifier, where "AMP" is connected to the host, and "ANT" is connected to the antenna.
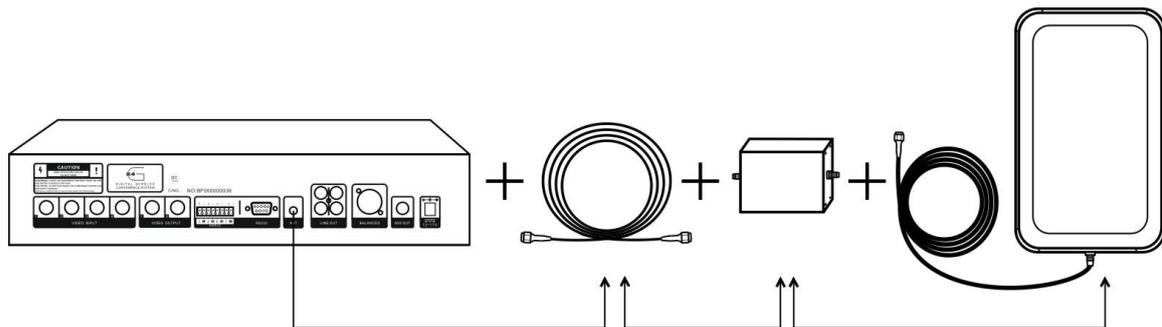
Note: The installation height of the directional antenna is 1.8-2.5 meters.

VII. Directional Antenna Installation Diagram

Please tighten the screws to fix it after installation.

VIII. FAQ

Faults	Causes	Solutions
The host has no power-on response.	Mains socket is not energized.	Check the mains socket.
	External power supply failure.	Check and replace the external power supply of the host.
The host has no receiving signal.	The unit is not turned on.	Turn on the corresponding unit.
	The unit communication IP is not allocated.	Carefully check the relevant chapter of unit setup in the user manual.
	The unit exceeds the effective distance.	Back to the effective distance.
The host has receiving signal but no sound.	The volume is at the minimum position.	Check and adjust the volume of the host and amplifier equipment.
	The audio cable is connected incorrectly or not connected well.	Check and connect the audio cable correctly.
	Exceed the effective operating distance.	Back to the effective distance.
Cannot set options.	Not confirm after setting options.	Every time you set an option, you should press OK to save it.
The unit does not work.	In setting state.	Exit the setting state and return to the main interface.
Short effective operating distance.	The environment is too complicated.	Avoid overly complex environments. If there are large metal objects, multiple brick walls, and large crowds between the unit and the host, it will greatly affect the effective distance.
	The receiving antenna is not installed.	Install the antenna correspondingly.
The camera is connected but cannot be controlled.	RS422 control cable is connected reversely.	Reconnect correctly.
	The camera protocol does not match the host protocol.	Adjust the corresponding protocol.
	The host ID does not match the camera ID.	Adjust the corresponding ID address.
The camera cannot be used.	The power supply of the camera is not turned on.	Turn on the power supply of the camera.
	The preset point to be used is not saved.	Adjust and save the preset point.
When all units are closed, the image stays at the preset point of the last unit.	The preset point of the panorama position is not saved.	Save the preset points of the panorama position.

Chapter Two   System MIC

I. Features

1.1 Chairman MIC Features

1) Adopt a new digital control design.

2) Cardioid directional condenser pickup microphone, with first-class intelligibility and directivity.

3) There are three lengths of microphone rods: 400MM, 270MM and 136MM.

4) The LCD display shows the working mode, unit ID, battery power, speaking status, and speaking time.

5) With countdown display for the time-limited speaking.

6) With intuitive display for low voltage working.

7) With automatic signal monitoring function. When the signal is unstable, the display screen shows "Connecting".

8) D6802 uses 1.5VAA battery, easy to replace the battery; D6802L uses a built-in 3.7V lithium battery, with universal USB charging interface design for convenient and fast charging, and strong versatility.

9) The number of speakers at the same time is 1-4.

10) With a standby function, you can turn on the standby button to enter the standby state when no speaking.

11) The chairman unit in the system is not restricted by the limited function and FIFO function. In the chairman only mode, only the chairman unit can be used.

12) The chairman unit is provided with a priority function button to control the speaking of the delegate unit, which can forcibly interrupt the priority function of the speaking of the delegate unit.

13) Cannot forcibly be interrupted by other chairman units.

1.2 Delegate MIC Features

1) Adopt a new digital control design.

2) Cardioid directional condenser pickup microphone, with first-class intelligibility and directivity.

3) There are three lengths of microphone rods: 400MM, 270MM and 136MM.

4) The LCD display shows the working mode, unit ID, battery power, speaking status, and speaking time.

5) With countdown display for the time-limited speaking.

6) With intuitive display for low voltage working.

7) With automatic signal monitoring function. When the signal is unstable, the display screen shows "Connecting".

8) D6803 uses 1.5VAA battery, easy to replace the battery; D6803L uses a built-in 3.7V lithium battery, with universal USB charging interface design for convenient and fast charging, and strong versatility.

9) The number of speakers at the same time is 1-4.

10) With a standby function, you can turn on the standby button to enter the standby state when no speaking.

II. Appearance Description

D6802/D6802L Chairman MIC

D6803/D6803L Delegate MIC

2.1 Appearance Description of D6802/D6802L Chairman MIC (Take D6802 for An Example)
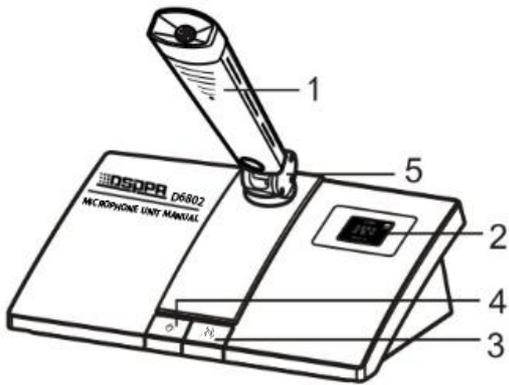
1. MIC Rod

2. LCD Display

3. Standby/Speak Button

4. Chairman Priority Button

5. Short Connector

2.2 Appearance Description of D6803/D6803L Delegate MIC (Take D6803 for An Example)
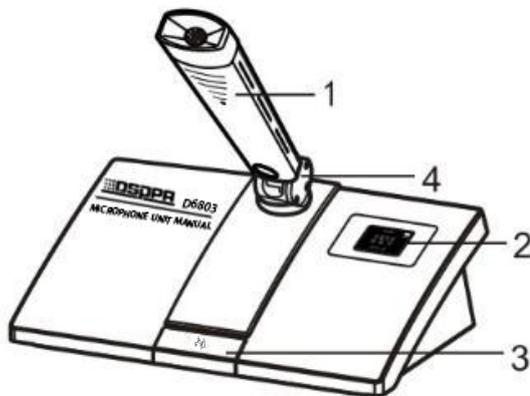
1. MIC Rod

2. LCD Display

3. Standby/Speak Button

4. Short Connector

III. Operating Instructions and Functions

3.1 Conference MIC Operating Instructions

1) Open the battery cover at the bottom of the D6802 chairman unit/D6803 delegate unit, and insert 3 1.5VAA batteries with the correct positive and negative polarity; the D6802L chairman unit/D6803L delegate unit can be directly charged, and support continuous speaking time of more than 10 hours.

2) With a 1.77" TFT color screen to display power-on information, signal status, working mode, speaking status, operating hours, and power level. Click the power switch on the rear panel, and the LCD display will turn on, indicating that the chairman unit is in normal working state.

3) When the host and chairman unit are successfully connected to the ID signal, click the standby/speak button, the LCD display will display the real-time battery power, speaking mode, unit ID and other working status.

4) Press and hold the power switch on the rear panel for 4 seconds to turn off the power of the chairman unit.

5) Chairman priority button: Press the chairman priority button of the D6802/D6802L chairman unit to forcibly interrupt the delegate unit.

Note: When there is no signal, the unit will automatically turn off the power after 20 seconds of standby; and when there is a signal, the unit will always be in the standby state.

3.2 Chairman/Delegate MIC Functions

LCD Display Diagram
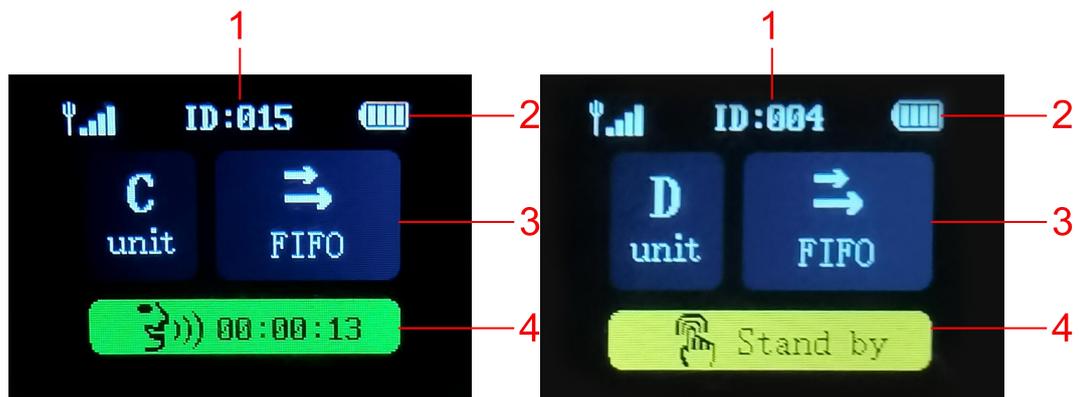
1. Unit ID   **2. Battery Power**   **3. Speaking Mode/Speaking Status**
4. Speak Time / Standby Status

3.3 D6802 Chairman MIC/D6803 Delegate MIC Battery Installation Diagram
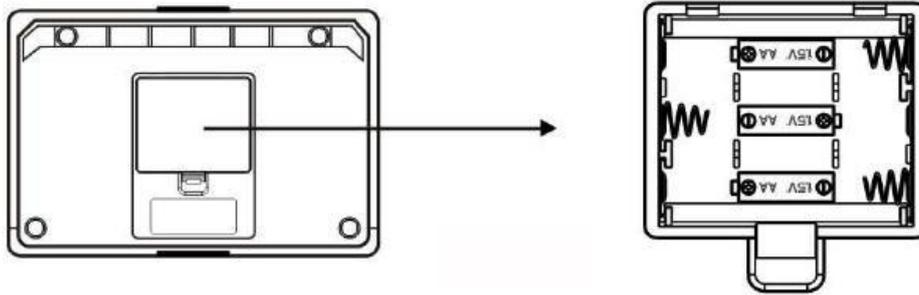
Battery Compartment (Bottom)

Note: Do not install the battery with wrong polarity, otherwise it may damage the internal electronic components of the chairman unit. The battery compartment is loaded with 3 1.5V AA batteries, for continuous speaking time of more than 6 hours. If you does not use it for a long time, please take out the batteries. If you need to replace the batteries, please use the same or equivalent type of batteries, otherwise it may cause an explosion.

3.4 D6802L Chairman MIC/D6803L Delegate MIC Charging Operation Diagram
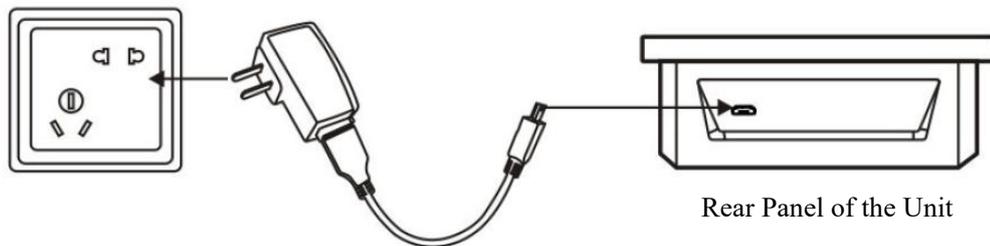
Rear Panel of the Unit

Note: If the product is not used for a long time, it should be charged once within 3 months, otherwise the battery will be useless.

IV. FAQ

Faults	Causes	Solutions
The unit displays "Connecting".	The host has not been turned on.	Turn on the host.
	The communication ID does not match.	Reallocate the communication ID.
The unit displays "Shutdown".	Low battery.	Replace the battery with sufficient power or charge it.
The delegate unit displays "FIFO".	In FIFO mode, the delegate unit is closed by the unit opened last.	Reopen the unit.
The delegate unit displays "Chairman".	The delegate unit is closed by the chairman unit with chairman priority.	Reopen the unit.
The unit displays "Speaking Prohibited".	Use chairman only mode.	Change to other modes.
	Use limited speech mode, and the number of speakers is full.	Wait for the speakers to exit and then turn on the unit.
The unit displays "Host Reset".	The host is shut down.	Turn on the host.
	Save new data after the host has set.	Reopen the unit.
When the unit is in use, there is sometimes no sound.	Exceed the effective operating distance.	Back to the effective operating distance.
The functions of the host and unit cannot be operated.	The unit has exceeded the effective operating distance.	Back to the effective operating distance.
The unit is turned on normally but there is no sound.	The total output volume of the host is adjusted to the minimum.	Adjust the volume to the right position.
The unit is turned on but the camera cannot track it.	The camera is not powered.	Turn on the camera.
	The preset point has not been set.	Set the preset points of each unit.
	The control cable is connected incorrectly.	Reconnect the control cable.

Packing List

Host Packing List:

No.	List	Quantity
1	D6801 Host	1 piece
2	D24V Power Cord	1 piece
3	6.3-6.3 Connection Cable 0.5m	1 piece
4	User Manual	1 copy
5	Directional Antenna	1 piece
6	Omnidirectional Antenna	1 piece
7	Antenna Amplifier	1 piece
8	Directional Antenna L-shaped Mounting Bracket	1 piece
9	Directional Antenna Mounting Accessories	1 pack
10	10m Extension Cable	1 piece

D6802/D6803 Packing List:

No.	List	Quantity
1	Chairman MIC/Delegate MIC	1 piece
2	1.5V AA Dry Battery	3 pieces
3	Microphone Cap	2 pieces
4	User Manual	1 copy

D6802L/D6803L Packing List:

No.	List	Quantity
1	Chairman MIC/Delegate MIC	1 piece
2	Microphone Cap	2 pieces
3	User Manual	1 copy
4	Data Cable	1 piece

Specifications

System Parameters:

Power Supply	DC12-17V
Frequency Range	2400MHZ-2483.5MHZ
Operating Mode	FHSS
Reception Mode	FSK
Receiving Sensitivity	≧100dBm
SNR	>90dB
Distortion	<0.05%dB
Effective Working Distance (in Open Environment)	≤30m (Omnidirectional antenna)
	≤40m (Connect directional antenna)
	≤70m (Connect antenna amplifier + directional antenna)
Power	6.5W
EIA Standard Chassis	Suitable for desktop or rack-mounted installation.
Conference Mode	FIFO, limited speech, chairman only, time-limited speech.
Three kinds of audio output terminals can be connected to recording or audio equipment.	
4.3" TFT full-view LCD displays working status. There are 6 function buttons for system function setting and adjustment.	

Chairman MIC Parameters:

Chairman MIC	D6802	D6802L
Power Supply	DC4.5V, 1.5V AA*3	Built-in lithium battery 3.7V 2100mAh
Modulation Mode	FSK	
Transmitting Power	10mW	
Pick-up Microphone	Condenser, unidirectional	
Sensitivity	—38±2dB@1KHz	
Frequency Response	20Hz~20KHz	
Operating Current	140mA	

The LCD display shows the working mode, unit ID, battery power, speaking status, and speaking time.

The chairman unit is not restricted by functions, and always has the priority function to speak, and has the permission to interrupt the speaking of the delegate unit.

Delegate MIC Parameters:

Delegate MIC	D6803	D6803L
Power Supply	DC4.5V, 1.5V AA*3	Built-in lithium battery 3.7V 2100mAh
Modulation Mode	FSK	
Transmitting Power	10mW	
Pick-up Microphone	Condenser, unidirectional	
Sensitivity	—38±2dB@1KHz	
Frequency Response	20Hz~20KHz	
Operating Current	140mA	

The LCD display shows the working mode, unit ID, battery power, speaking status, and speaking time.

Host Dimensions:

Host Package Dimensions (L×W×H)	560×480×195mm
Host Machine Dimensions (L×W×H)	480×410×84mm
Host Gross Weight	8kg
Host Net Weight	4.2kg

Unit Dimensions:

Model	D6802	D6802L	D6803	D6803L
Microphone Rod Length	136mm, 270mm and 400mm available			
Conference Unit Package Dimensions (L×W×H)	460×280×95mm			
Conference Unit Machine Dimensions (L×W×H)	190×127×63mm			
Conference Unit Gross Weight	2.2kg			
Conference Unit Net Weight	0.7kg			

Safety Precautions

1. Safety Precautions

- Please do NOT connect this device to the power source, before the system is correctly wired.
- It is important to ensure that input voltage to the device is the same as required voltage of the device, otherwise the device may be damaged.
- There is dangerous voltage in the device, which may cause personal electric shock. Please do NOT open the case without permission, to avoid potential risks of electric shock.
- The device is not completely disconnected from power source when it is switched to "OFF". For sake of safety, please disconnect the device from the socket if it is not in use.
- Please do NOT place the device where it is extremely cold or hot.
- Good ventilation must be provided in the working environment of the device, to avoid excessive temperature during its operation, which may cause damages to the device.
- Please unplug the device from power socket in raining and wet days or if the device is not in use for a long time.
- Please disconnect the power plug from sockets, to ensure the device has been completely disconnected from power source, before any component is removed from or re-installed in the device or before any electric connector of the device is disconnected or reconnected.
- In case of any failure of the device, please do NOT open the case and repair without permission from a professional personnel, to avoid accident or additional damages to the device.
- Please do NOT place any corrosive chemicals near or on the device.

2. Matters needing attention

- Our company provides a three-year free warranty service (including free replacement parts) over quality issues as from the date of purchase, provided that the device is installed and used in accordance with requirements specified in the User Manual.
- For warranty, the user must show the Warranty Card and the receipt kept by the user and purchase invoice of the device as supporting documents.
- The following conditions are beyond the scope of warranty:
  1．Product damage due to improper installation, use or handling;
  2．Product damage due to abnormal conditions (such as excessive power source voltage or ambient humidity);
  3．Product damage due to natural disasters;
  4．Product SN is changed, altered or removed;
  5．Product has been repaired or modified by any person without duly authorization from our company;
- Please keep the User Manual and Warranty Card in good custody.
- For issues and precautions not mentioned in this User Manual, if required, please contact the distributor or visit our website at http://www.dsppatech.com / http:///www.dsppacs.com.
- In case of any failure in the warranty period, please contact service personnel (or distributor) of our company for service. The company shall not be liable for damages due to unauthorized dis-assembly or maintenance or service by unauthorized personnel.

CAUTION

- When the power switch is "OFF", the machine is not completely disconnected from the power grid. For the sake of safety, please pull the power cord plug out of the socket when not using the equipment.

- The equipment shall not be subject to water drops or splashes, and objects such as vases filled with water shall not be placed on the equipment.

- To reduce the risk of electric shock, do not remove the cover. If necessary, please ask professional personnel to repair.

- The symbol ⚡ on the rear panel indicates hazardous live. The connection of these terminals must be operated by the instructed person.

- The equipment is connected to the power grid through the power cord plug. In case of equipment failure or danger, the connection between the unit and the power grid can be disconnected by pulling out the power cord plug. Therefore, it is required to place the power socket to a position where the power cord can be plugged and unplugged conveniently.

Guangzhou DSPPA Audio Co., Ltd.