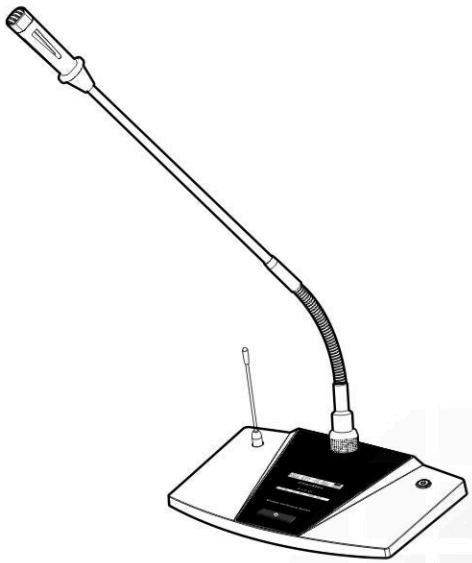
# DIGITAL WIRELESS CONFERENCE SYSTEM

## Operation Instructions



This instruction manual includes several types of microphone and receiver.
Read the relevant chapters according to the type before usage. Keep it for future reference.

# Foreword

Thank you very much for choosing our company's digital wireless conference system. In order to make full use of the product, we highly suggest you read the instruction manual before usage.

This product adopts the wireless digital technology to process the audio signal and control signal. With scientific ID code design and no complicated cables, it can be used once the power supply is turned on. Within the signal coverage range, the units can be freely moved and unlimited number of units can be supported. It also has the function of interference signal automatic reconnaissance. When it finds an interference signal, it can assign other frequency to work which can avoid the interference signal.



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# 1.Features

## 1.1 Features of Chairman unit

1）Using a new numerical control design.

2）Condenser pick-up, provides the top definition and directivity.

3）LCD screen indicate working mode, working condition and low voltage indicated.

4）Microphone head have shining lamp ring, press the switch, if the light ring shine means microphone can be use normally.

5）Built-in 3.7V lithium battery, national USB socket, convenient and suitable for charge a battery.

6）Can continue to speak above 15 hours because of the low power design.

7）Delegate unit and Chairman unit support 1-4 people to speak at the same time.

8) Chairman unit will not be controlled in speaker limited mode and FIFO mode .Only the chairman unit can be used in the chairman specailly mode.

9) Chairman unit has a button which can control delegate speaking status .
Chairman unit has an prior function of force disconnecting the attended delegate units.

10)Chairman unit can not be cut off or controlled by each other.

## 1.2Features of delegate unit

1）Using a new numerical control design.

2）Condenser pick-up, provides the top definition and directivity.

3）LCD screen indicate working mode, working condition and low voltage indicated.

4）Microphone head have shining lamp ring, press the switch, if the light ring shine means microphone can be use normally.

5）Built-in 3.7V lithium battery, national USB socket, convenient and suitable for charge a battery.

6）Can continue to speak above 15 hours because of the low power design.

7）Delegate unit and Chairman unit support 1-4 people to speech at the same time.

## 2.Safety instructions

- Read this instruction manual.
- Keep this instruction manual for future reference.
- Follow all instructions in this instruction manual.
- Do not place the product near any heat sources such as radiators, stoves, or other devices that product heat. If you are not going to use the product for a long time, pull out the battery. Do not throw or drop the product in case it causes severe damages.
- Be aware of the supply voltage. Only the supply voltage listed on the instruction manual fits the product.
- Only use accessories specified by our company.
- Never take apart the device. If devices are took apart by customers in breach of this instruction, the warranty becomes null and void. Turn to the professional mechanic or local dealer for help if there is something wrong with the product.
- If components are needed to replaced, replace them with original components produced by our company.
- Leave the devices the minimum space of 20 mm for proper ventilation.Do not cover the vent with newspapers, cloths, curtains, etc.

  Do not place the devices near fire or water.

  Only professional mechanic can assemble the devices if it is labeled with hazard warning sign " ϟ " .

  Recycle the replaced battery.

  The devices can be used in tropical or temperate regions.

  Only for safe use in the area with an altitude of below 2,000 meters.

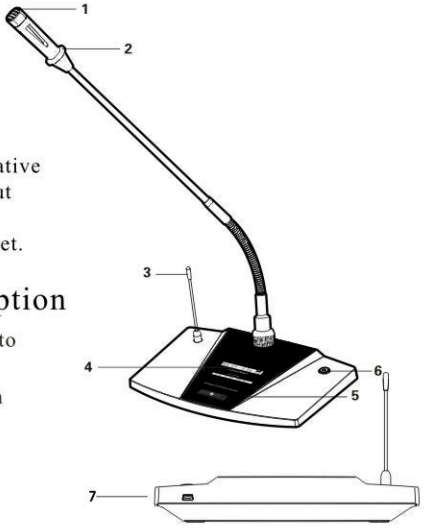



※ If the device is not going to be used, turn it off.
And charge the battery per 3 months, if not the battery will be not effective.

# 3.Instruction for chairman unit

## 3.1 Brief instruction

1.High fidelity microphone head, condenser pickup head, provides the top definition and directivity, light ring display working condition.
2.LCD screen display working condition.
3.Equipped with prior-button to control representative unit speak, press the button can be mandatory to cut off the representative to speech.
4.Built-in 3.7V lithium, design national USB socket.




1.microphone head 2.light ring
3.transmit antenna 4.LCD screen
5.priority button 6.power switch
7.USB charge interface

## 3.2 Operation and function description

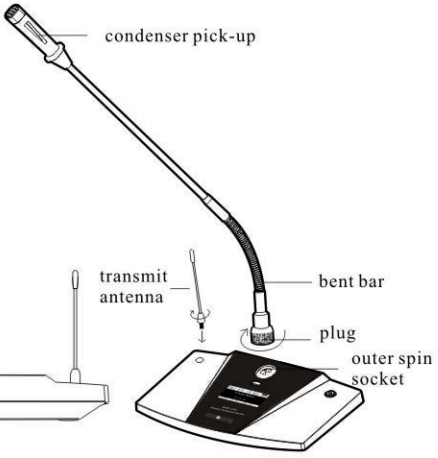
1.Connect the USB charge interface and the power to charge up the battery.
2.Touch the power switch for 1 second, LCD screen and light ring put on means the unit is on working.
3.LCD screen show the working condition.
4.Put off the unit when long press the power button 2 seconds.

## 3.3 Graphic operation

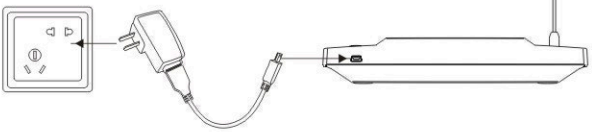
1.LCD screen graphic

2.Installation graphic of Chairman unit




## 3.4 Charge battery graphic



CAUTION: PLEASE CHARGE UP THE BATTERY PER 3 MONTHS IF DO NOT USE FOR A LONG TIME. USE THE SAME TYPE BATTERY IF YOU WANT TO CHANGE THE BATTERY. IF NOT, IT WILL BE DANGEROUS.

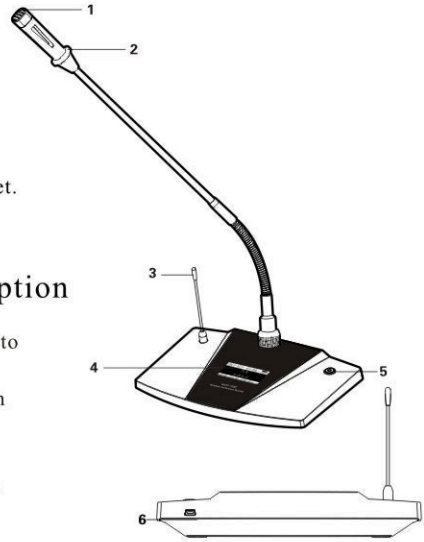
# 4.Instruction for delegate unit

## 4.1 Brief instruction

1.High fidelity microphone head, condenser pickup head, provides the top definition and directivity, light ring display working condition.
2.LCD screen display working condition.
3.Built-in 3.7V lithium, design national USB socket.

## 4.2 Operation and function description

1.Connect the USB charge interface and the power to charge up the battery.
2.Touch the power switch for 1 second, LCD screen and light ring put on means the unit is on working.
3.LCD screen show the working condition.
4.Put off the unit when long press the power button 2 seconds.

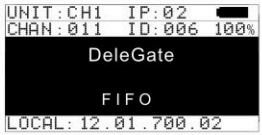


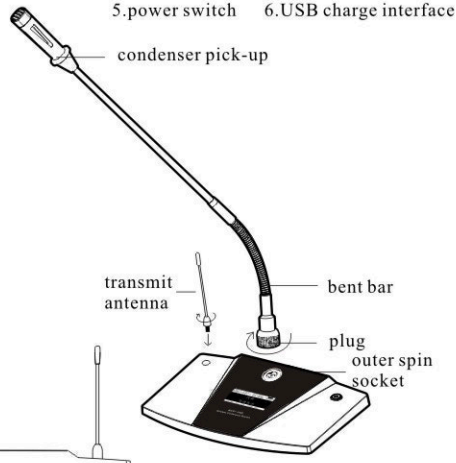

1.microphone head 2.light ring
3.transmit antenna 4.LCD screen
5.power switch 6.USB charge interface

## 4.3 Graphic operation

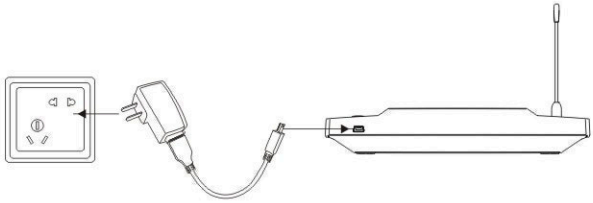
1.LCD screen graphic

2.Installation graphic of delegate unit




## 4.4 Charge battery graphic



CAUTION: PLEASE CHARGE UP THE BATTERY PER 3 MONTHS IF DO NOT USE FOR A LONG TIME. USE THE SAME TYPE BATTERY IF YOU WANT TO CHANGE THE BATTERY. IF NOT, IT WILL BE DANGEROUS.

# 5.Product parameters

## 5.1 Chairman unit parameters

Power supply: Built-in 3.7V lithium battery

Emission power:10mW

Maximum frequency deviation:±45KHz

Pickup head: condenser, single direction

Sensitivity:−43±3dB@1KHz

Frequency response:20Hz~18KHz

Power consumption:130mA

LCD screen indicates working mode, working condition, electricity information, etc.
Add external transmit antenna, make the signal emission more comprehensive, in the effective range won't appear dead point.
Microphone with lamp ring, it can display speech state.
Will not be restricted by limit function, always have the priority of speaking first and have the right to force cut off the delegate unit's speech.

## 5.2 Delegate unit parameters

Power supply: Built-in 3.7V lithium battery

Emission power:10mW

Maximum frequency deviation:±45KHz

Pickup head: capacitance,single direction

Sensitivity:−43±3dB@1KHz

Frequency response:20Hz~18KHz

Power consumption:130mA

LCD screen indicate working mode, working condition, electricity information, etc.
Add external transmit antenna, make the signal emission more comprehensive, in the effective range won't appear dead point.
Microphone with lamp ring, it can indicates speech state.

# 6. Solutions to breakdowns

| Breakdowns | Causes | Solutions |
|---|---|---|
| Unit appear "stand by" | The host did not put on | Put on the host |
| | Communication IP and ID unmatch | Set up and pair the IP and ID again |
| Unit appear "power off" | Low battery voltage | Charge up the battery quickly |
| Delegate appear "A-steal" | Use "FIFO" mode be put out for other unit | Restart unit |
| Delegate appear "C-steal" | Chairman unit use prior right | Restart unit |
| Unit appear "ban say" | Use Chairman unit special mode | Change other mode |
| | Enough speech people in the limit mode | Restart after the unit out |
| Unit appear "Mast Rest" | Put off the host | Put on the host |
| | Preserve the new date after set up | Restart the unit |
| On the off sound | Out of the effective distance | Keep in the effective distance |
| Host and unit function can not be operated | Out of the effective distance | Keep in the effective distance |
| Put on the unit normally but there is no sound put out | Mic plug didn't assemble tight | Assemble the mic plug again |
| | Built-in volume to minimum | Turn the built-in volume up |

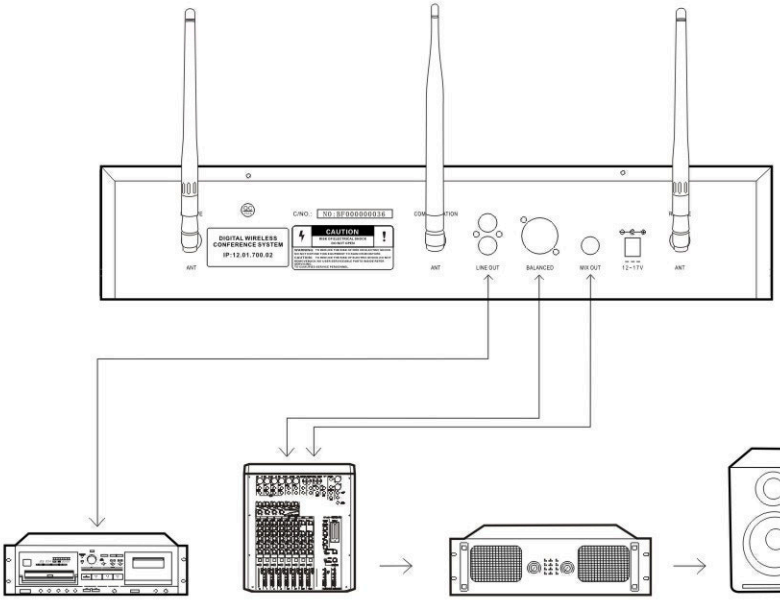
## Care and maintenance

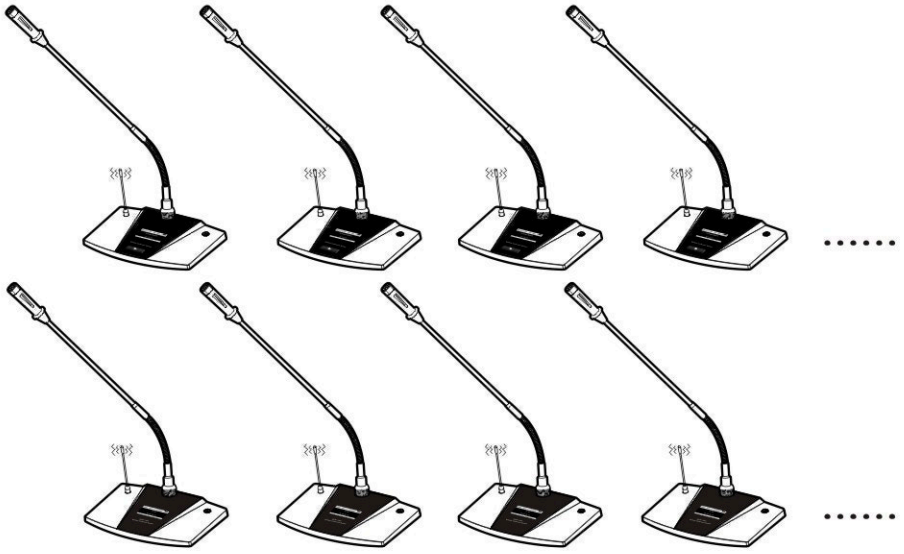
Before fixing or cleaning the device, cut off the electricity supply. Clean it with soft cloth.

For spots, clean it with cloth that has neutral cleaning solvent and dry it with another cloth.

Do not use gasoline, diluents or any other chemical product, or else the surface will be damaged.

# 7.Connection instruction



Attention:

1 metre above floor  At least 1metre to wall  Antenna vertical to the host

This operation manual would be revised at any time without prior notice.

This manual contains needed information as much as possible. If there is anything unclear, wrong or omitted, please don't hesitate to contact us for confirmation. The company is free from all the damage and loss caused by no confirmation.

For testing and maintenance, please contact us or our authorized distributors through the dealer from whom you purchased this product. The company assumes no responsibility for any loss or damage resulting from testing and maintaining this unit by unqualified personnel.