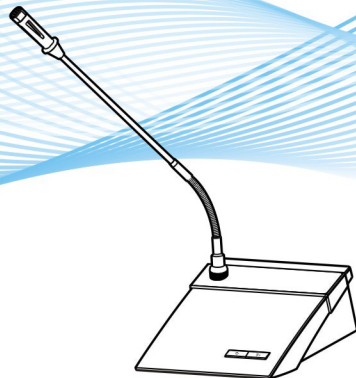


WIRED  
**CONFERENCE**  
CONTROL SYSTEM

**Operation Instructions**



# Foreword

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

This series of professional wired conference system adopt touch key and LCD screen in front of the panel to control and show working status, six working mode can be chosen, break through traditional dial code control, more intuitive and humanization. This series product use hand in hand way to connect, easy installation and get stable performance. This product connect easily, add number freely, can connect expander machine to extend more and more units. Suitable for variety of meeting occasion.





# Content

1.Features .....	1
2.Safety instructions .....	2
3.System control unit operation instruction .....	3
3.1System control unit operation -----	3
3.2System control unit front panel -----	3
3.3System control unit back panel -----	3
3.4LCD screen function -----	4
4.Chairman unit/delegate unit operation instruction graphic .....	6
4.1Chairman unit/delegate unit operation -----	6
4.2Chairman unit/delegate unit operation instruction graphic -----	6
4.2.1LCD screen graphic-----	6
4.2.2Chairman unit/Delegate unit installation graphic -----	6
5.Product parameters .....	7
5.1System control unit parameter -----	7
5.2Chairman unit/Delegate unit parameter -----	7
6.The computer graphic operation .....	8
7.Steps of remote teleconference .....	8
8.Solutions to breakdowns .....	9
9.Connection instruction .....	10

## 1.Features

- 1.This series products using high-quality single directivity condenser cartridge, solve the problem of clear and balanced voice, make sure high reducibility of voice, chairman unit is equipped with priority function key, may at any time to close working delegate unit, easy to control the entire order.
2. The control unit has four roads output, 4 roads can contact with 60 units at the same time, each road can contact to 20 units, also can be connected to expand machine to expanding more than 60 units at the same time.
- 3.This series product adopt button type to control speak mode, six work modes: chairman special/FIFO(first in first out)/LIFO(last in first out)/restrict speech/freedom mode/vies to answer first mode, speech people number have 7 types to choose: 1-6 people and N people, N means freedom mode or chairman special mode, make the operation easy and convenient, and improve the practical performance.
- 4.This series product supply PC software which can contact to the computer to realize the controller setting function.
- 5.This series product built-in telephone coupler input and output interface, through communication principle to equip voice signal input and output in order to control the remote teleconference, support telephone dial-out and pick up.
- 6.This series products equipped XLR independent balanced output and 6.3 unbalanced mixed output way, can adapt to various occasions device connected, avoid chaos and embarrassment from equipment connection does not match.
- 7.This series products have automatic mute and scale eliminating circuit, and eliminate the impact of the switch machine, avoid the shock and noise affect the atmosphere even damage amplification equipment and speakers.
- 8.This series products all adopt the high stability and high reliability surface mount components, apply surface install technology and craft to produce, and apply aging screening process, discover and eliminate premature failure of the components, compared with the common pin type components, significantly improve the stability, reliability and service life of the product.
- 9.The product back panel equipped with feedback button, put on the button can prevent the noise, enlarge the volume, increase the sound pick-up distance, high fidelity, suitable for different occasions.

## 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 produce 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 taken 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 be replaced, replace them with original components produced by our company.
- Leave the devices the minimum space of 30 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 “⚡” .

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.



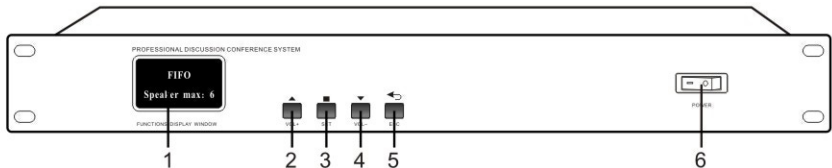
### 3. System control unit operation instruction and graphic

#### 3.1 System control unit operation

Press up “▲”(indicate 2) or press down “▼”(indicate 4) choose the functions;  
Press “SET” affirm setting, press “ESC” key to return or exit.

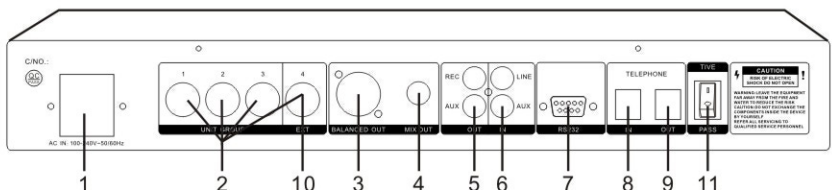
1. Connect the power cable, connect the electricity supply.
2. Turn on the power switch (indicate 6), the system will automatically check the system before enter in the working status, at the same time will let out a whoop of “di”, there will be alarm sound continuously when the system is unusual (haven't connected with units is usually).
- 1) Conference mode
  - ① FIFO mode: first in first out, can choose 1-6 people speak at the same time. This mode means after reaching limit number, finally open unit will cover the first open unit. (example: set the number to 3, there is unit A, unit B, unit C, unit D, A is the first open, when the fourth one D open, then the first unit A will shut down automatically quit).
  - ② Restrict speech mode: can choose speak number with 1-6, means the number of units open at the same time can be set to 1-6 numbers.
  - ③ Freedom mode: default on "N" key light, means the number of speak units at the same time without limit.
  - ④ Chairman special mode: speak number will default "N" key on, means only allowed chairman microphone to speak.
  - ⑤ LIFO mode: Last in first out, can choose speak number with 1-6 number, means after reaching limit number, finally open unit cover the unit open in front of the final unit. (example: set the number to 3, there is unit A, unit B, unit C, unit D, when the finally D open then the third unit C will shut down automatically quit)
  - ⑥ Vies to answer first mode: default on "1" people to speak, means only 1 unit can speak.
  - ⑦ Apply for speech mode: all delegate unit can be speak after be allowed by chairman unit, delegate unit number can be setting from 1-6, this mode just support for some units which have apply for speech mode.
- 2) Speaker number: 1-6 people or N people, 7 speech number mode to choose.
- 3) Input volume: press “VOL+” key increase volume.
- 4) Output volume: press “VOL-” key reduce volume.
- 5) Teleconference: can use to be open remote teleconference, there are open and close to choose

#### 3.2 System control unit front panel



1. LCD screen
2. up key/increase volume
3. Enter/Menu
4. down key/reduce volume
5. return/exit
6. power switch

#### 3.3 System control unit back panel



1. AC power socket
2. unit microphone connect
3. balanced audio output
4. 6.3 unbalanced audio output
5. RCA output
6. RCA input
7. connect PC 232 interface
8. telephone coupler output
9. telephone coupler input
10. extender interface
11. prevent noise function button

3.4LCD screen function

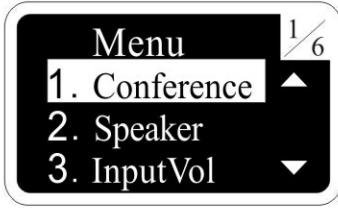


figure1: Menu Set

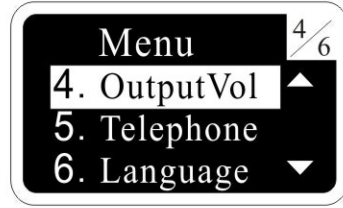


figure2: Speech mode set

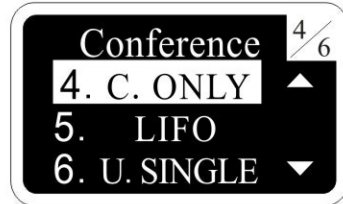


figure3: Fifo mode



figure4: Limited speak mode



figure5: Free mode

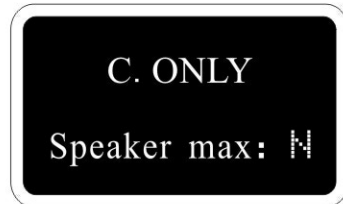


figure6: Chairman special mode



figure7: LIFO mode



figure8: vies to answer mode



figure9: Speaker no. set

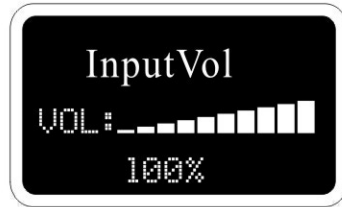


figure10: Input volume set

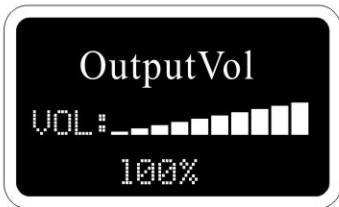


figure11: Output volume set

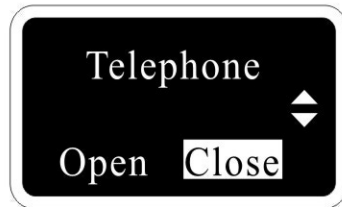


figure12: Teleconference set

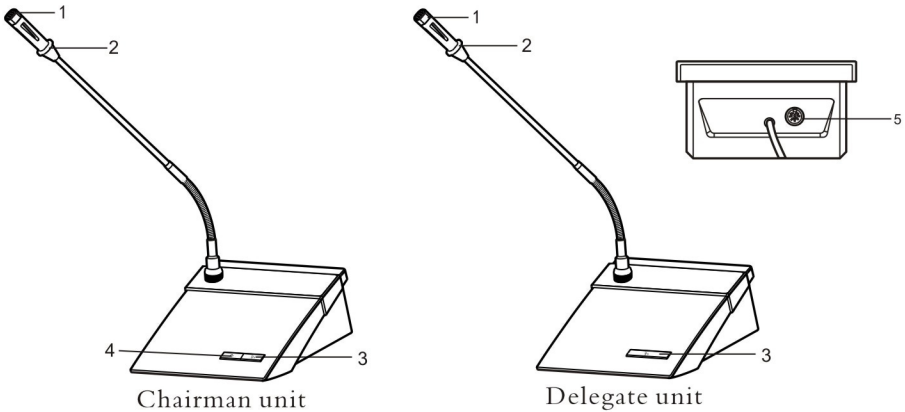


## 4. Chairman unit/delegate unit operation instruction graphic

### 4.1 Chairman unit/delegate unit operation

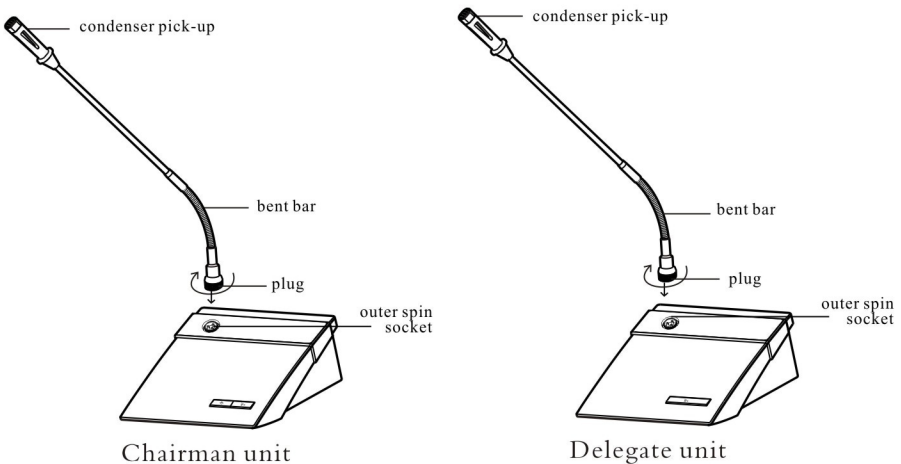
1. Connect the microphone base with the gooseneck microphone, connect with the connect cable.
2. Press the speech key ,indicator light in gooseneck ring, means enter in the working status.
3. Press priority key of the chairman unit can shut the other working on delegate units.

### 4.2 Chairman unit/delegate unit operation instruction graphic



1. microphone head 2. light ring 3. speak switch  
 4. chairman unit priority key 5. 8P connecting port

### 4.3 Chairman unit/Delegate unit installation graphic



## 5. Product parameters

### 5.1 System control unit parameter

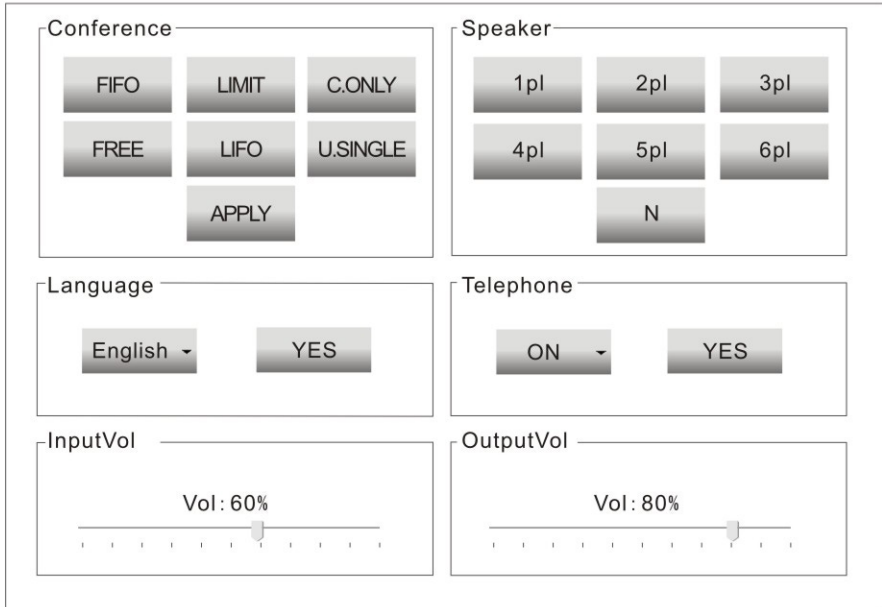
Power supply : AC 100-240V~50/60Hz  
Output impedance : RAC:200Ω LINE:200Ω  
BALANCE: 300Ω  
UNBALANCE: 400Ω  
Input impedance : LINE:50KΩ PBIN:50KΩ  
S/N ratio : 100dB (1KHz THD1%)  
Size for case : 480×56×220mm  
Accessory : 10m 8P shielded cable

### 5.2 Chairman unit/Delegate unit parameter

Type : capacitance  
Polar pattern : one direction  
Frequency response : 30Hz-18KHz  
Sensitivity : -45±2dB@1KHz  
Input voltage : DC 9V(powered by host)  
Min input impedance : 1KΩ  
S/N ratio : 68dB  
cable : 2.0M 8P shielded cable with the unit directly  
2.0M 8P T3M shielded cable  
windshield

## 6. The computer graphic operation

After insert the software U disk in computer, open the folder “SETUP” installer and complete the installation. Then open software “wired conference system 1.0”, user can setting the function in the setting screen.



## 7. Remote teleconference step

1. Let the telephone and telecom signal connect to the host system, ensure the normal communication and adjust the amplification to a good status.
2. Use the telephone dial telephone IP connect to the telephone NO., choose teleconference mode in the host, adjust to the suitable volume, put the telephone hang up can be broadcast to communicate with each other.
3. Close the teleconference mode can be restored the telephone function.

## 8. Solutions to breakdowns

Breakdowns	Causes	Solutions
No power after connect	System control unit haven' t opened the power	Open power
	Mains socket without power	Check the mains socket
No voice after turn on the unit	Haven' t connect the host audio output	Connect audio output
	Audio equipment have open the volume	Open the volume
Delegate unit can not turn on	Not enough power because of the connection path is too long	Change connection way or change expander
	On chairman special mode	Change other speak mode
No power for the system	Mains socket without power	Check the mains socket
	System haven' t open	Check the external power supply connection
No voice after turn on the unit	Audio transfer cable not connection	Connect audio output cable
Only one microphone can be open	Set up speak number	Change to 3,6 or N mode
Buzzer discontinuous ring 3 times	Haven' t connect the unit microphone	Connect the unit microphone

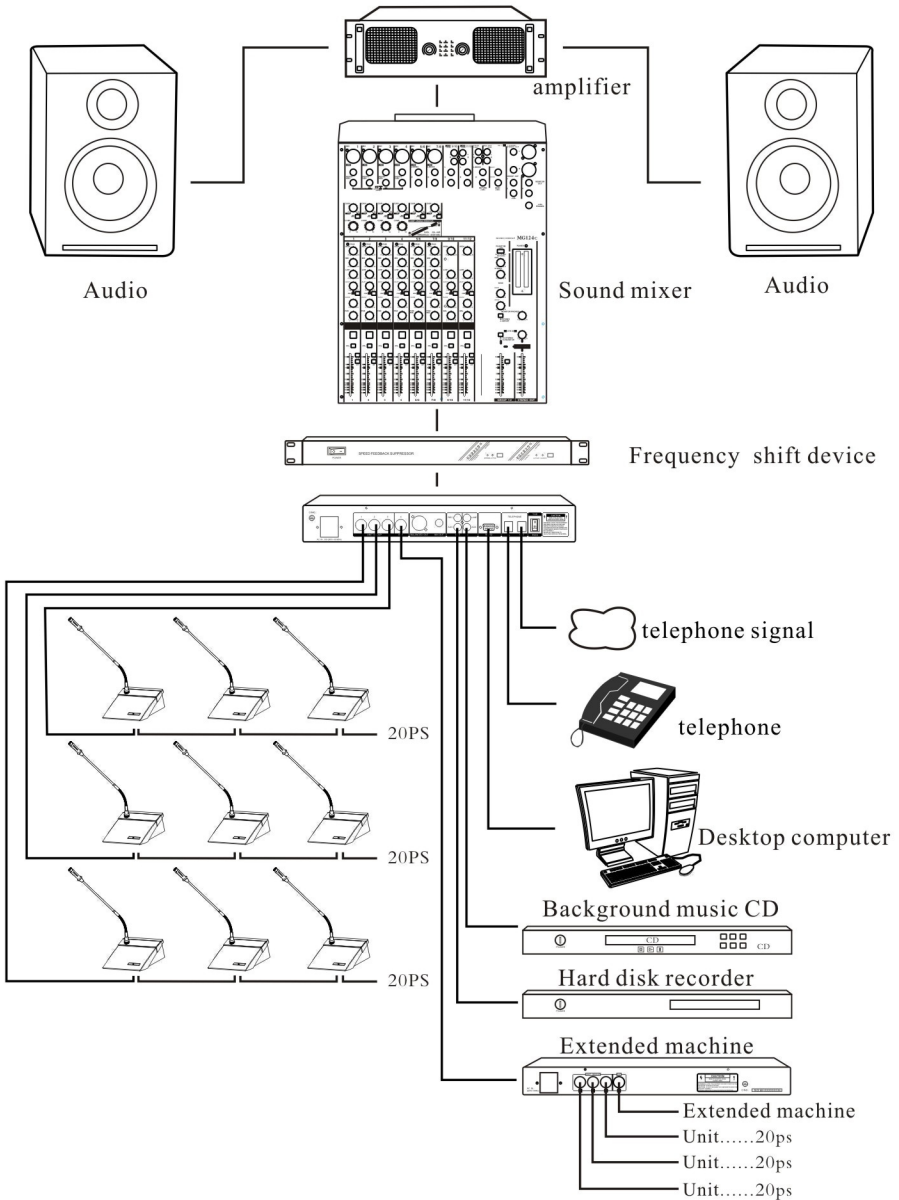
### Care and maintenance

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.

## 9. Connection instruction



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.