Digital conference system

instruction manual

Thank you very much for purchasing our products. In order to ensure the best performance of the products, please read the instruction manual carefully before use!

⚠ Matters needing attention ⚠

△ .Use temperature, should be avoided in below minus 10 ℃or above 45 ℃under the environment of use, the temperature too high or too low will be harmful to the internal components;

△ .In order to fully ventilated, the minimum clearance around the equipment the 20 cm;

△ .Vent should not cover items such as newspapers, tablecloths and curtains and obstruction of ventilation;

△ .Equipment should not be placed on the naked flame sources, such as the lighted candles;

△ .Devices should not be suffering from water droplets or splashing water, devices should not place objects filled with liquids, such as vases,

△ .Please do not let the bolt head, iron powder and water into the chassis. Otherwise there is a risk of fire, failure.

△ .In the machine installation, demolition and wiring operations, must be in when the power is cut off. Otherwise there will be a risk of electric shock.

△ .Do not break down the unit. Otherwise it will produce fault

■ System Settings - host LCD Settings

Host LCD set: press "ENTER" as pictured:
Backlight brightness: 0-5 optional, the greater the number, the brighter the brightness.
Backlight time: 0 represents long bright; 1 represents not closed after operation for 10 seconds. Backlight; 2 for 1 minute closed after operation no backlighting;
Three representative closed 10 minutes after operation no backlighting.

```
Backlight Lum:4
Backlight Time:3
0,Always On 1,10
2,1m 3,10m
```

■ System Settings - unit display Settings

Unit display Settings: press "ENTER" to such as the right:
Backlight brightness: 0-9 optional

Backlight time: 0 represents long bright; 1 represents not closed after operation for 10 seconds. Backlight; 2 for 1 minute closed after operation no backlighting; Three representative closed 10 minutes after operation no backlighting.

```
Unit LCD Lum:7
Time:0
0,Always On 1,10
2,1m 3,10m
```

■ System Settings - time

The time and date: adjust the actual time, show the Gregorian calendar and the lunar calendar time date, week and minutes
Date format: 0 year/month/day; 1 day/month/year; 2, the month/day/year.

Time format and time zones: time zone - 12 + 13 and optional, time format: 0, 12 hours, 1, 24 hours system.

```
1.Date & Time
2.Date Format
3.Time format...
4.Time Update
```

Automatic update:
automatic update refers to with the Internet under the network connection is normal set automatically adjusts the right time; Set 0 disable automatic update boot time. Set 1 on behalf of the boot automatically update the time

```
Date Format:0
0--yyyy mm dd
1--dd,mm,yyyy
2--mm dd,year
```

```
2017/06/17
16:30:38
Sat.
```

```
Time Zone:+08
Time Format:0
0:12-hour clock
1:24-hour clock
```

```
SNTP:192.043.244.018
Please waiting
update immediately
```

■ System Settings - group Settings

Group Settings: set is the function of the system Settings can be saved as a group 1 as a backup to the computer, if the system problems, such as factory default empty when the user data, can be in this set of setting again without having to set up.

```
Load group from:1
Saving to group:1
Press ENTER to
execute
```

Catalog

Warning notes

1〉. system self-test

2〉 system settings

(1) conference system

(2) system status

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(4) volume setting

(5) video settings

(6) network settings

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(8) system self check

(9) version information

(10) language settings

(11) restore factory settings

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1. function overview

The digital discussion system is composed of hardware and software, and uses intelligent digital

control technology to realize multifunctional connection

A new generation of digital discussion systems that can also be disengaged from the computer

and easy to operate. The main features are as follows:

Using digital technology as the core, built-in high-performance CPU, with LCD screen;

Anti interference circuit design, to eliminate all mobile phone signal interference;

The maximum number of 12 chairmen and 160 representative units shall be supported, in which 30

units shall be represented on each route, and the chairman may take it

On any route, the automatic setting detection, the chairman and the delegate cell can be made to

represent the setting of the VIP unit;

Each unit has a video tracking preset point, which allows the camera and channel to be selected;

With alarm signal input interface, when the public broadcasting alarm system is started, it can

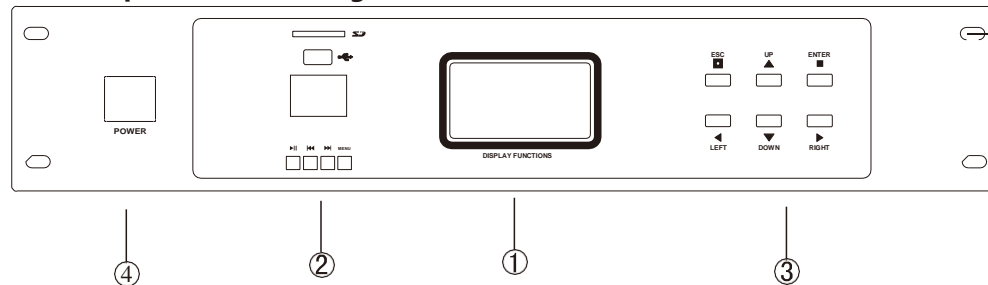automatically suspend the meeting,

A variety of ways of speech can be arbitrarily set up, with voice control speech, apply for speech,

first in first out, first in, first out, etc.;

A representative unit with the maximum support of one chairman and 9 representatives who speak

at the same time and speak at the same time can be found at 1-

Any setting between 9 bits;

You can set the microphone, do not speak automatically shut down or speak regularly, the time from

1-999 seconds can be adjusted;

2. Front panel of main engine

1. Display window: system Settings, and working conditions.

2. USB setting and display window: displays of recording, MP3 sets, working

condition

■ The volume Settings - unit volume

Unit volume: adjust the volume of the microphone unit Settings.

```
1.System Volume
2.Unit Volume
3.Unit Volum...
```

Their headphones: 0-31 headphone volume adjustment.

Microphone volume: 0-31 microphone volume control.
Acoustic sensitivity: voice control is to point to the speakers do not need to manually by the microphone switch, the speaker spoke microphone will automatically open the function, the sensitivity of 0- 31 within the scope of regulation, the higher the sensitivity, the more sensitive acoustic control function.

```
Phone Volume:20
Mic Volume:20
Sensitivity:20
Range is 0 to 31
```

■ The volume Settings - unit volume locking

Unit volume lock: this function lock unit volume, prevent wrong operation.

```
1.System Volume
2.Unit Volume
3.it Volume Loc
```

Their headphones lock: press "?" Switch it locked To unlock state.
Microphone volume lock: press "?" Switch it locked Is locked.
Acoustic sensitivity: voice control is to point to the speakers do not need to manually by the microphone switch, the speaker spoke microphone will automatically open the function, the sensitivity of 0-31 within the scope of regulation, the higher the sensitivity, the more sensitive acoustic control function.function.

```
Phone Volume:
Change by ↑
Mic Volume:
Change by ↓
```

■ System Settings

System Settings: related such as password, host Settings,

unit LCD display Settings, host, time setting, group

Settings, etc

```
5.Net Setting
6.System Set...
7.Self Checking
8.Version
```

System Settings - password Settings

System password: can control the whole system administrator password

User password: the user password authorization system password permissions, can only simple to set up the foundation such as volume set to normal without the basis of professional users.

Network password: control the security of the network setup password.

```
1.Key Test
2.LCD Test
3.Communicat...
4.Volume Test
```

■ Orchestration address - to orchestration

Extension cascade count: the number of cascade show host, 0(no cascade, 1 represents two cascade, 2 for three units, and so on. two cascade, 2 for three units, and so on.
Chairman: shows the number all chairman of connection lines.
Delegates: display the number all the representatives of connection lines.
Delegates: display the number all the representatives of connection lines.
Press "ENTER" save the exit

```
Extend number:0
Chair Number:0
Delegate Number:0


\ESC return,ENTER end
```

■ Orchestration addresses - add new units

Add a new unit: new microphone when using

this function, add address code for new microphone.

```
1.Re-edit
2.Add Unit
```

Extension cascade count: the number of cascade show host

, 0(no cascade, 1 represents two cascade, 2 for three units,

and so on.

Chairman: shows the number all chairman of connection lines.

Delegates: display the number all the representatives of

connection lines.

Press "ENTER" save the exit

```
Extend number:0
Chair Number:0
Delegate Number:0

\ESC return,ENTER end
```

■ Volume set

Volume set：This function adjustment system host and microphone volume.

```
1.Meet System
2.System Status
3.Edit Address
4.me Setting
```

System volume: adjust the host of the input and output

volume.

```
1.System Volume
2.Unit Volume
3.Unit Volum...
```

Input: 0-31 system input volume adjustment.
Output: 0-31 system input volume adjustment.
bass：0-31 system input volume adjustment.
alto：0-31 system input volume adjustment.
high：0-31 system input volume adjustment.

```
In:15    Out:20
Low Volume:20
Mid Volume:20
High Volume:20
```

3. The setting of system function, modify button

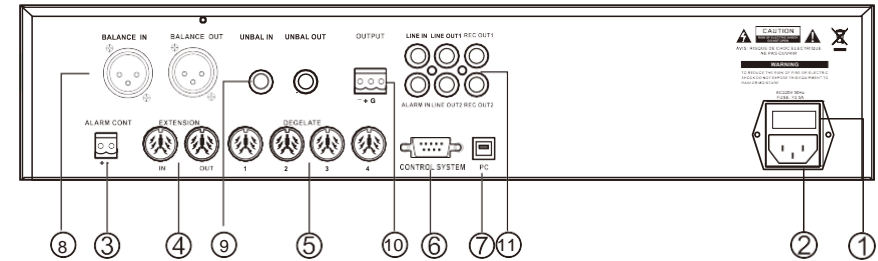Exit: return to main interface screen; Sure: perform screen menu functions;

The up/down: screen menu function, the choice;

Left/right: screen characters move left and right;

⚠ Note: when to enter submenu, left/right to choose, to modify the digital up/down key
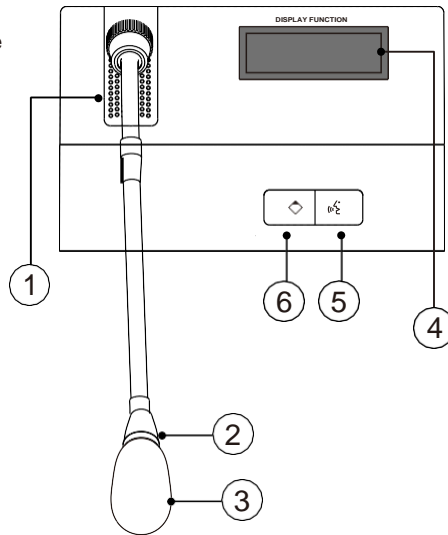
4. The power switch

◥ 3.After the host panel

1. fuse mounting seat, fit 2.5A fuse;

2. AC power input socket, connect AC 220V power supply, power outlet, ground wire request reliable

3. grounding;

4. +5V fire alarm signal input interface, you can send alarm information to the participating units;

5. The cascading interface facilitates the simultaneous use of multiple sets of systems and manages

6. them together to form an ultra large conference;

7. The chairman and the representative unit are connected with sockets, and are connected in 4 ways;

8. RS-232 central control system interface;

9. USB interface to connect the PC control system settings;

10. An audio frequency imbalance input and output socket and a wireless receiving device can be

11. connected by using a wireless microphone;

12. Audio balanced input / output jack;

13. wire output socket, convenient connection of digital media matrix.

14. Lotus input and output socket, flexible configuration
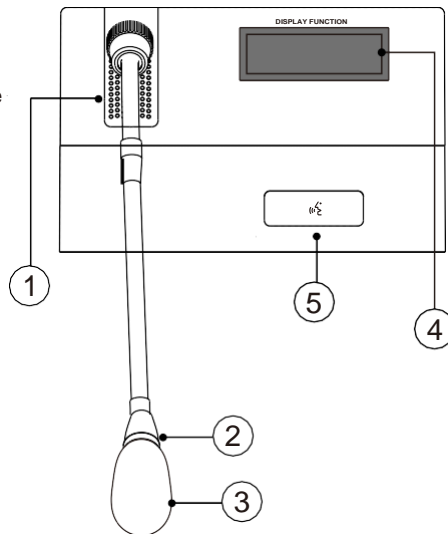
4.Chairman unit

1. The speaker (optional)
2. The light ring - a red light on the microphone
3. The microphone
4. - microphone open display ON microphone Show OFF
5. The microphone switch button
6. The chairman priority keys

● According to host Settings, the chairman of the priority mode, if set to "mute", push down this button will will be temporarily closed all opened representative units (quiet), loosen the button, after be mute delegate to restore open;

● If the host Settings, the chairman of the priority mode for "closed", then press the button will unit representatives of all open microphone close;

● If use the computer software will be delegate is set to the VIP, priority keys of VIP, chairman of the unit doesn't work, VIP is not controlled by the chairman, the VIP can turn off delegate unit;
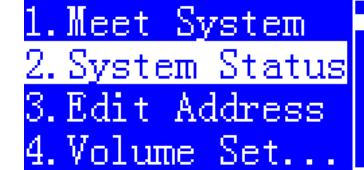
5.Delegate unit

1. The speaker (optional)
2. The light ring - a red light on the microphone
3. The microphone
4. - microphone open display ON microphone Show OFF
5. The microphone switch button

The system state

System status: the main display unit, USB and network status according to determine key, appear as shown at the lower right graph:
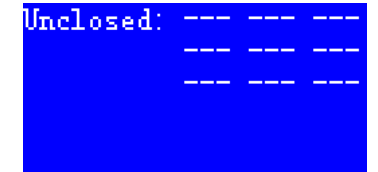
```
1.Meet System
2.System Status
3.Edit Address
4.Volume Set...
```

The system state - unit state

Unit state: main show which speak in microphone

```
1.Unit Status
2.USB & Net S...
```

Microphone, for example, "001", 3 horizontal will show "001"

Speech on behalf of the "001", in a statement

```
Unclosed: --- --- ---
          --- --- ---
          --- --- ---
```

The system state - USB and network status

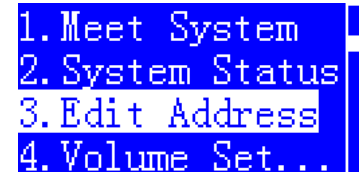**USB state:** "connection" and "disconnect"

Network status: "connection" and "disconnect"

Behind the network side count: the Numbers for the network side of the connection number shown below to connect the IP address

```
1.Unit Status
2.B & Net Status
```

```
USB: DISCONNECTE
```

Orchestration address

Orchestration address is restore the receiver address allocation, namely line detection, divided into "redistribution address" and "add a new unit"

```
1.Meet System
2.System Status
3.Edit Address
4.Volume Set...
```

Orchestration address - to orchestration

"Redistribution address" : select this option will close all receiver unit and all the address of the receiver ChanYuanJi information will redistribute, in under the condition of the microphone connection in order to determine not change as long as one can. Press "ENTER" button to ENTER the menu will be a tip: are you sure you want to do this? , press "ok" to enter Settings, click "cancel" to exit the Settings

```
1.Re-edit
2.Add Unit
```

Timing closure: options, its implications for the contemporary form yuan on the phone with or without speech, the receiver will unconditionally closed after the set time. Set the timing for 000 s speech time. (1- 999 seconds digital choices out there, decimal, maximum 999 s) illustrate: set to "010 s", is on the phone for more than 10 seconds microphone will unconditionally closed, (if set to 000 s this function will be closed)

```
Auto Off:000 S
Timing Off: 000 S
000S=Off
```

■ Priority, chairman of the conference system - key function

Chairman priority key functions: show set priority function, chairman of the state if the number of "0", following function keys, chairman of the press, has been opened on behalf of the receiver will be permanently closed, on behalf of the receiver needs to be open to open the key to speak; If the number of "1", following function keys, chairman of the press, has been opened on behalf of the receiver will be temporarily closed, to loosen the button, chairman of the already opened after speaking for the temporary closure of microphone will be back to normal. (the factory is set to "0")
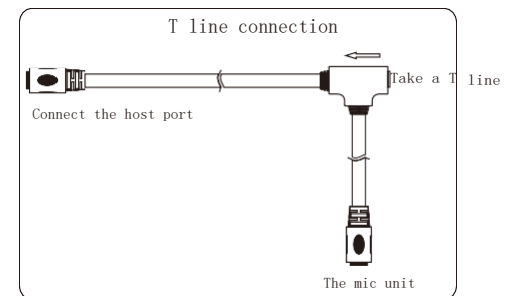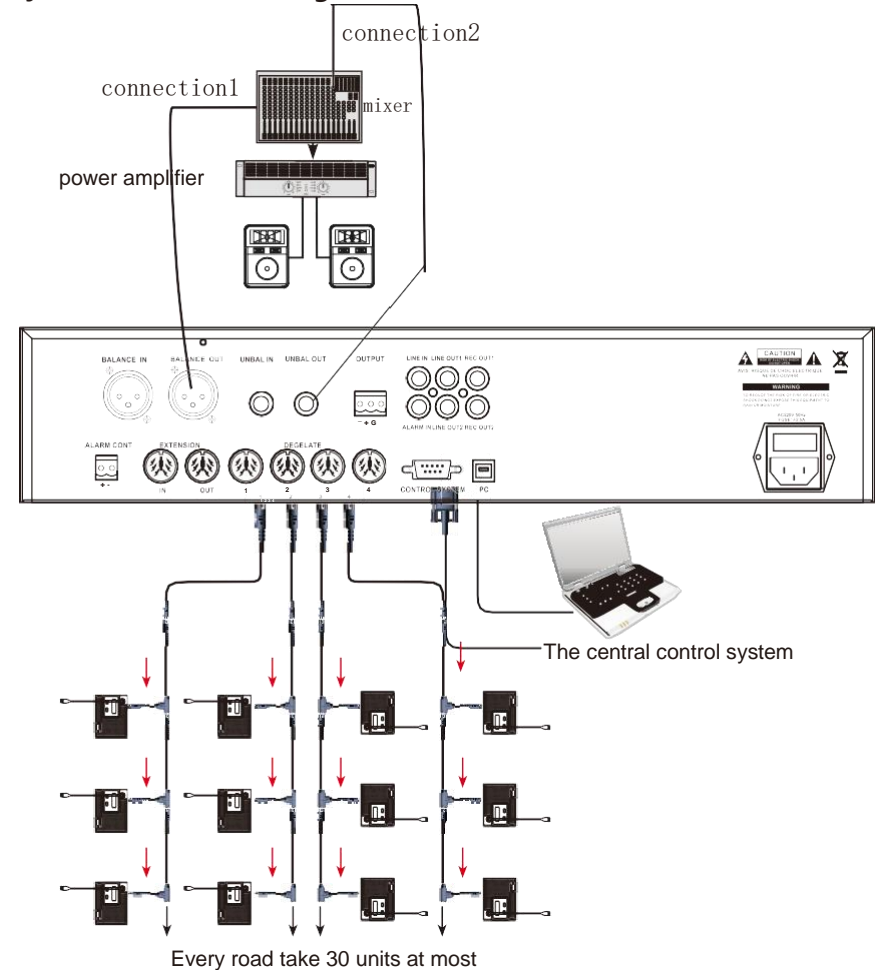
```
5.ty Function
6.Voice Control
7.Card Meet
8.Non-card Meet

Chair PRIO key:0
0:Close forever
1:Close
    temporarily
```

■ Conference system - acoustic control Settings

Voice control: show set to acoustic mode is on. If the following number for "1", the open voice control mode, the chairman of the machine or on behalf of the unit as in the closed position, the phone can be trained on a microphone to talk, can automatically open microphone at this time, if the "0", the voice control cannot be opened. (the factory is set to "0")

```
5.Priority F...
6.Voice Control
7.Card Meet
8.Non-card Meet

Sound Control:0
0--Off,1--On
```

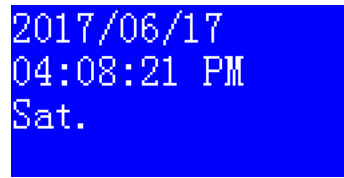## 6.The system connection diagram

connection2

connection1

mixer

power amplifier

The central control system

Every road take 30 units at most

T line connection

Take a T line
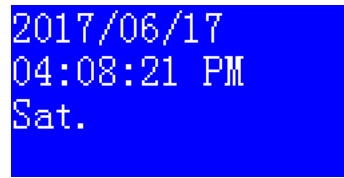
Connect the host port

The mic unit

7.Directions for use

>>System self-check

Verification system according to the system connection diagram, right to the volume of the power amplifier is transferred to the minimum first, open the power switch, the system self test in 5 seconds, after matching address through show the following interface: cascade host number, number of chairman, representative number, press ENTER to end
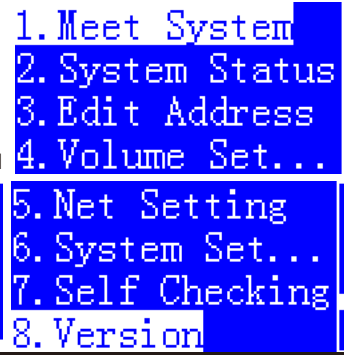
```
Tip:
  Hasn't edit address.
  Do that now?
  [::::OK::::]  [Cancel]
```

```
Extend number:0
Chair Number:0
Delegate Number:0

/ESC return,ENTER end
```

Self-checking by and perpetual calendar interface, open the opportunity to show the right press ESC to enter setup interface as below right picture.

```
2017/06/17
04:08:21 PM
Sat.
```

>>System Settings

Press "ESC" to enter the main menu modifying system Settings, such as the right figure, a screen can only display (4), white blue word pointing to the first menu. Said at this point is located on the first menu item. Can press the up and down key position menu, press ENTER into the conference system Settings. System Settings menu has a total of 12:

```
1.Meet System
2.System Status
3.Edit Address
4.Volume Set...
```

```
9.Language S...
10.Factory S...
11.art
```

```
5.Net Setting
6.System Set...
7.Self Checking
8.Version
```
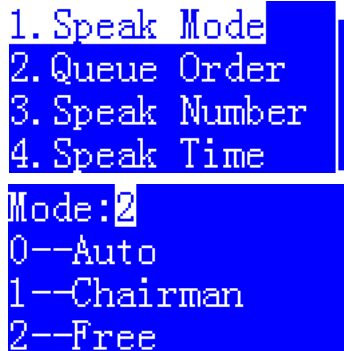
■ Conference system - talk mode

Speech mode menu, press ENTER to ENTER the menu mode, it can display upper, set up a variety of speech conference mode:

Discussion mode: this mode is when open the microphone set unit reach the largest number, at the same time to speak with a microphone under open automatically open the first (first in first out) or the final open (lifo) on behalf of the receiver unit shut down. The most speak phone number unchanged (chairman unit is not subject to the control, namely, chairman of the unit will not be closed)
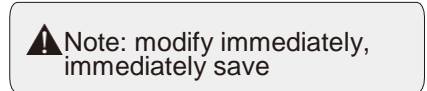
Automatic mode: this mode and discuss basic same, different is to discuss who is model is finally open the microphone, the camera will always track on the last open the microphone, automatic tracking mode is if there are multiple receiver unit opened, the camera will automatically tracking microphone at the end of the speech, all units are closing, panoramic view of the camera also tracking to set.

```
1.Speak Mode
2.Queue Order
3.Speak Number
4.Speak Time
```

```
Mode:2
0--Auto
1--Chairman
2--Free
```

Chairman mode: this mode is only the chairman unit can open, on behalf of the unit could not be opened. Camera tracking open at the end of that on a cell phone. All units are closed, a panoramic view of the camera tracking to set a.

All attend unit fully open mode: this mode is open at the same time, the model general lamp to use as a test unit.

Press up and down arrow keys to select Numbers to determine the need to use which model
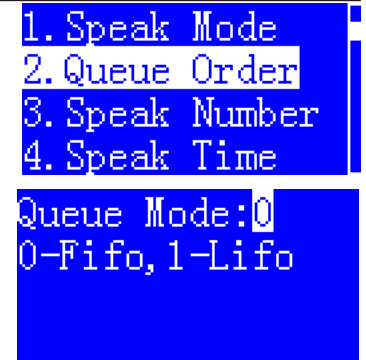
⚠ Note: modify immediately, immediately save

■ Conference system - queue model

Queue mode menu, press ENTER to ENTER the menu mode, it can display upper set two queue mode:
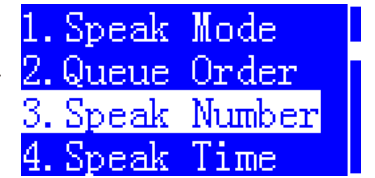
First-in, first-out (FIFO) : when has opened on behalf of the unit quantity reaches the preset value, after opened on behalf of the unit will be unauthorized closed after the first open on behalf of the unit, to ensure that the total represents the unit open for no more than the preset value:

Last in, first out (LIFO) : when has opened on behalf of the unit quantity reaches the preset value, after open on behalf of the unit will shut down the last over-rides open after the representatives of the unit, to ensure that the total represents the unit open number less than the default value
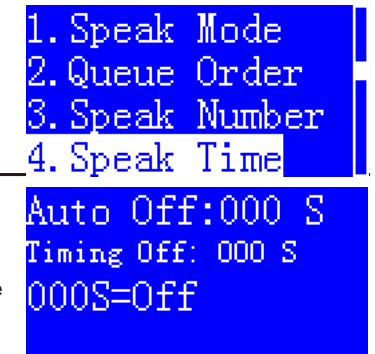
```
1.Speak Mode
2.Queue Order
3.Speak Number
4.Speak Time
```

```
Queue Mode:0
0-Fifo,1-Lifo
```

■ Conference system - a number

A number of menu, press ENTER to ENTER the menu mode, it can display chart set at the same time a number 1-9 people.

```
1.Speak Mode
2.Queue Order
3.Speak Number
4.Speak Time
```

■ Conference system - a time limit

Speech time menu, press ENTER to ENTER the menu mode, it can display upper set automatically shut down and timing closure time:

```
1.Speak Mode
2.Queue Order
3.Speak Number
4.Speak Time
```

Automatic shutdown: options, its implications for the contemporary form yuan on the phone but no speech within the prescribed period of time off. 000 s to set the time of shut down automatically, 1-999 seconds. For example: shut down automatically set to "110 s" is on the phone if he spoke in 110 seconds, the receiver will automatically shut down, if speak in 110 seconds. The timer to reset timer, then repeat the test. (if set to 000 s this function will be closed)

```
Auto Off:000 S
Timing Off: 000 S
000S=Off
```