

# **Wireless Calling Receiver User Manual**

(ZJ-82)

Wireless calling system

## Summary

Thanks for choosing this wireless calling system. The receiver host adopts RF wireless and learning code technology. It can easily pair up to 999 channels of wireless calling transmitters and 1 manager remote controller. The receiver host uses advanced industrial micro processor and high-sensitivity superheterodyne receiving technology which make the products very stable.

At same time, the wireless calling receiver host has advanced number speaker function, it can clearly read the number, function, room number and so on and compatibly for different working mode, suitable for different places.

The wireless calling system has millions of different code which can be paired easily and freely. And it is widely used in restaurant, café, bar, tea shop, KTV, bank, office, factory, hotel, hospital and so on.

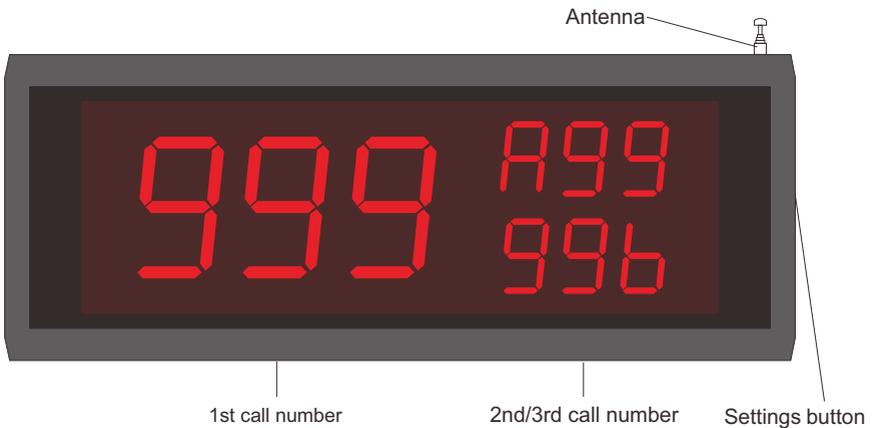
## Features

- Adopt the latest industrial stable chipset.
- Independent storage avoiding data lost
- Memory 20 calling records history
- 7 prompt voice selectable
- Calling number speaker and time whole point speaker
- Multiple working mode optional for different places
- Self testing technology makes it working well every time
- Super error correction
- Address data only avoiding repeat
- Menu settings voice prompt, easy to set
- Calling records display can be fixed or cycle
- Calling records cycle display time is adjustable
- Adjustable volume
- Restore the factory default function
- High receive sensitivity
- LED tube display, easy to read
- Beautiful designing and portable to move

## Technical Data

- Working frequency: 433.92MHz/315MHz
- Working voltage: DC9V/2A
- Standby current: <130mA
- Working current: <1600mA
- Sensitivity: - 105dBm
- Dimension: 400x157x39mm

## Diagram



**Note:**

- 1) The display has 3 numbers in one screen. It shows the latest 3 calling information.
- 2) It has 3 working modes: 999 mode / Area mode / 99 model+A/b/C functions.
- 3) When it works with keypad call button, it works as queue calling service.

## Button Function & Installation to the wall

**SET** Short press to enter settings menu;  
Short press to submenu or confirm setting.

**UP** Short press to page up the number;  
Long press to page up the number quickly;  
Browse the calling records.

**DOWN** Short press to page down the number;  
Long press to page down the number quickly;  
Browse the calling records.

**DEL** Delete the paired call buttons in pairing settings;  
Delete the current calling record.

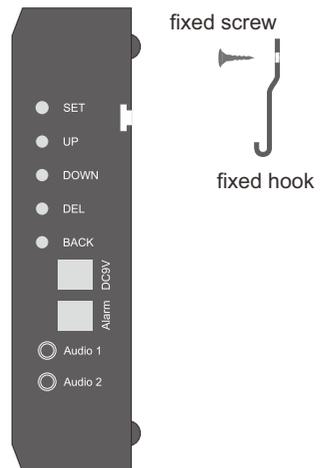
**BACK** Back to previous menu or standby status.

**DC9V** Connect power adapter.

**Alarm** Connect to alarm

**Audio 1** Audio output 1

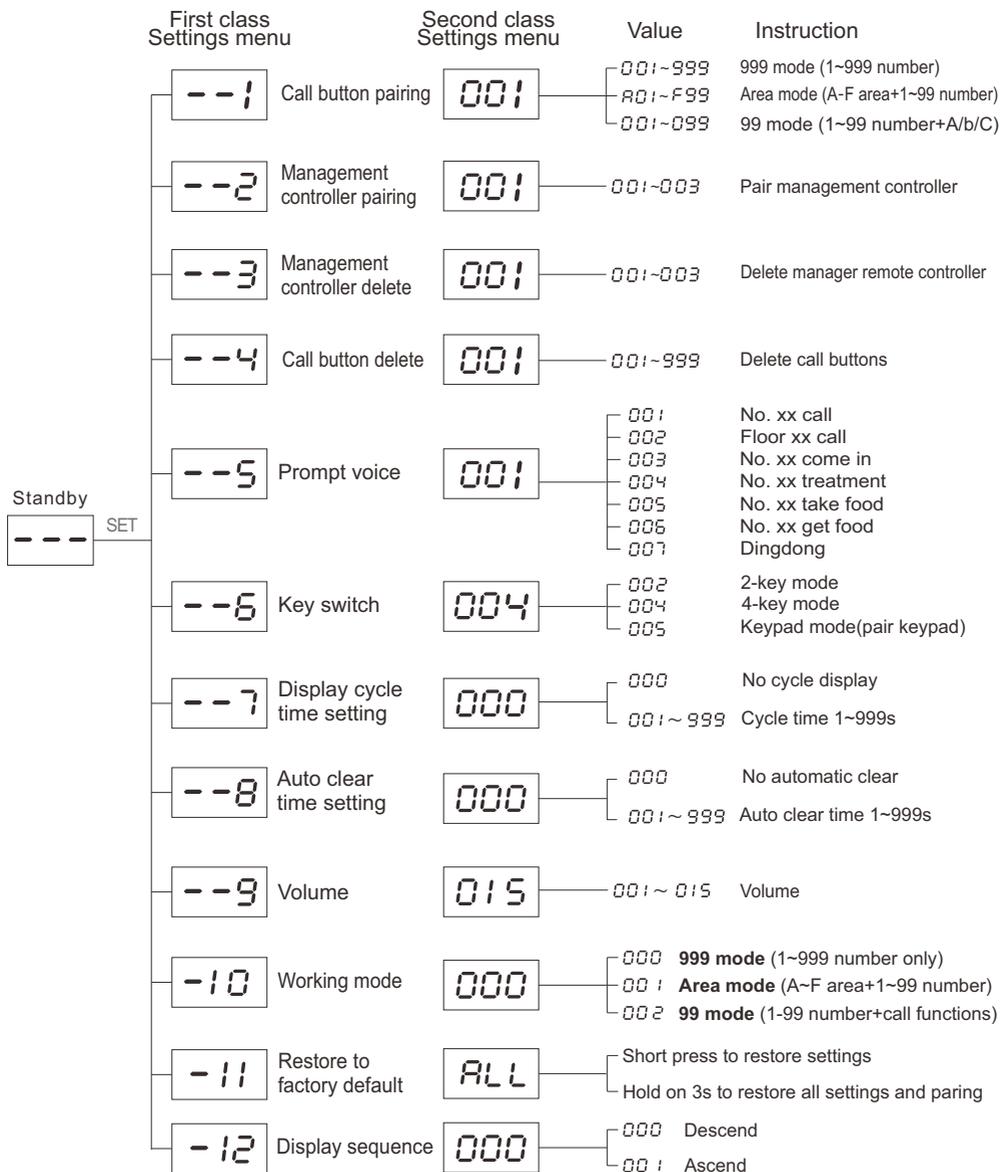
**Audio 2** Audio output 2



How to install the display to the wall?

1. Screw the fixed hook on the wall.
2. Hang the receiver up to the hook.

# Fast Settings Diagram



**Note:**

According to the call buttons type, select the key mode (--6) first, normally is 4-key mode, 5-key mode is for queue keypad, 2-key is for compatible with old models. Then select the working mode (-10) and prompt voice (--5), at last pair the call buttons.

## Screen display function

### 1 Working mode 1: 999 mode

The 3 digits all shows numbers from 001 to 999. When it works with special keypad call button, it provides queue service. Only pair one time, then all the 999 numbers are ready, and there is page up function to call the number one by one.



No. 001~999

### 2 Working mode 2: Area mode

The first digit show A, b, C, d, E, F areas, the last two digits show the number from 1 to 99. Then it can show the number from A01 to F99.



Area A~F 01~99

### 3 Working mode 3: 99 mode

In this mode, the call number is only 99 numbers from 1 to 99. The last digit shows A/b/C functions compare to the call button. For example in restaurant:

A: order, b: call, C: pay/checkout



No. 01~99 A/b/C

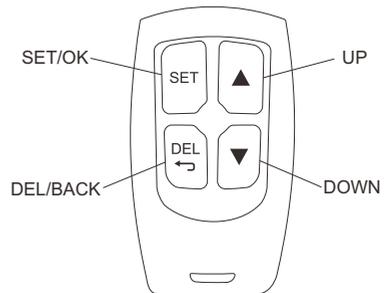
## Management controller (Optional)

**SET** Short press to enter settings menu;  
Short press to enter submenu.

**DEL/BACK** In calling status, delete the calling records.  
In setting status, back to previous menu  
or standby status.

**UP** Short press to turn up the number;  
Long press to turn up the number quickly;  
Browse the calling records upper.

**DOWN** Short press to turn down the number;  
Long press to turn down the number quickly;  
Browse the calling records upper.



# Operation

## 1. Self test when power on

When the receiver display is power on, it starts initialization program. The screen shows the digits from 000 to 999 along with the prompt sound "Initialization... please wait".

## 2. Function settings

At first time use, please do the settings as below. After all the settings are finished, please power off the host and reboot it.

Press [SET] button to enter the first class settings menu. Then press "UP/DOWN" button to select the menu from "--1" to "-12". And press [SET] button to enter submenu.

### (1) --1: Pairing call buttons

Before do the pairing, please turn to "--6" to set key switch setting and "-10" to set the working mode, for example, 999 number mode or 99b number+function mode.

Press [SET] button to enter "--1" submenu. The display will show "001", then press [UP/DOWN] to select the call button number.

#### 1) 999 mode paring method

Press [UP/DOWN] button to select one number from 001 to 999, for example "001", and then press any button on the call button, the speaker will sound "successful registration" and the display screen turn to next number "002" automatically. Then you can continue to do pairing of other call buttons.

#### 2) Area mode paring method

In area mode, the first digit of three is the area, it can show "A/b/C/d/E/F" areas, the last two digits means the number from 01 to 99 in one area, press [UP/DOWN] button to select suitable area and number.

#### 3) 99 mode paring method

Press [UP/DOWN] button to select one number from 1 to 99, for example "001", and then press any button on the call button, the speaker will sound "successful registration" and the display screen turn to next number "002" automatically. Then you can continue to do pairing of other call buttons.

#### 4) keypad paring method

In key switch setting, select "005", it is special for keypad call button mode.

The turn back to "--1" pairing setting, the display shows "001", then press any button on the keypad, the receiver will get it and prompt "pairing successful, please continue." and the display will turn to "002". That means all the 999 numbers are paired.

*Note: the receiver can pair 3 keypad in maximum.*

### (2) --2: Pair management controller

Press [SET] button to enter "--2" submenu. The display will show "001", then press the button on management controller, the receiver will get it and prompt "pairing successful, please continue." and the display will turn to "002". That means the pairing is finished.

After paired the management controller, use the controller button [SET/BACK/UP/DOWN] to replace the receiver settings button.

*Note: the receiver can pair 3 manager controller in maximum. If you pair the fourth one, it will cover the last one.*

### (3) --3: Delete management controller

Press [SET] button to enter "--3" submenu. The display will show "001", press [UP/DOWN] button to select which controller will be deleted, then press [DEL] button to delete. The receiver will prompt "Dingdong" voice which means the deleting is finished.

#### **(4) --4: Delete call buttons**

##### **1) Delete one call button**

Press [SET] button to enter "--4" submenu. The display will show "001", then press [UP/DOWN] to select the number which will be deleted, then press [DEL] button to delete the call button, the receiver will prompt "Dingdong" voice means the call button is deleted successful.

##### **2) Delete all the call buttons**

In standby status, hold on [DEL] button over 5s, all the paired call buttons will be deleted. Please do this settings carefully.

#### **(5) --5: Prompt voice**

Press [SET] button to enter "--5" submenu. The display will show "001", then press [UP/DOWN] to select sound prompt mode.

001: No. xx call

002: Floor xx call

003: No. xx come in

004: No. xx treatment

005: No. xx take food

006: No. xx get food

007: Dingdong

#### **(6) --6: key switch mode setting**

Press [SET] button to enter "--6" submenu. The display will show "4", then press [UP/DOWN] to select the key mode.

004: 4-key mode -- it is for most of the call buttons.

005: keypad mode -- it works with keypad call button only.

002: 2-key mode -- it is compatible with old call buttons models.

#### **(7) --7: Display cycle time setting**

Press [SET] button to enter "--7" submenu. The display will show "000", then press [UP/DOWN] to adjust the display cycle time from 1 to 999 seconds. 0 means no cycle.

This function is that when there are several calling records, they will cycle display one by one automatically.

#### **(8)-8: Auto clear time setting**

Press [SET] button to enter "--8" submenu. The display will show "040", then press [UP/DOWN] to adjust the auto delete time from "001" to "999" seconds. "000" means no auto clear function.

This function is that when there is a calling record on the screen, after some time, the record will be cleared automatically.

#### **(9) --9: Volume**

Press [SET] button to enter "--9" submenu. The display will show "15", then press [UP/DOWN] to adjust the volume from "01" to "15" different level. "00" means mute.

#### **(10) -10: Working mode setting**

Press [SET] button to enter "--10" submenu. The display will show "000", then press [UP/DOWN] to select the working mode.

**000: 999 mode** -- The 3 digits all shows numbers from 001 to 999.

**001: Area mode** -- The first digit show A, b, C, d, E, F areas, the last two digits show the number from 1 to 99.

**002: 99 model** -- In this mode, the call number is only 99 numbers from 1 to 99. The last digit shows A/b/C functions compare to the call button.

#### **(11) -11: Restore the factory default setting**

Press [SET] button to enter "-11" submenu. The display will show "ALL", and then press [SET]

button to restore all the settings and pairing information:

- A) All the paired call buttons are deleted.
- B) All the paired manager controller are deleted.
- C) Prompt voice is "001" mode.
- D) Key switch mode is "004" mode.
- E) Cycle display time is "000".
- F) Auto clear time is "000".
- G) Volume is 15.
- H) Working mode is 999 mode.

**(12)-12:Display sequence setting**

"000" is descend order, the 1st display is the latest calling number;  
"001" is ascend order, the 1st display is the oldest calling number.

## FAQ

Problems	Reasons	Solutions
While power on, the receiver host has no response.	The power adaptor is broken.	Change the power adaptor.
The signal of some transmitters is not enough.	The power of battery is low.	Change the battery.
Receiver host cannot get some transmitters of them.	These transmitters are deleted.	Pair these transmitters again to the receiver host.
No voice prompt while power on or calling.	The volume is lowest.	Adjust the volume louder.

## Notice

1. While it is working, please pull the antenna out for the best receiving effect.
2. Hold on [DEL] button for 5s for deleting the call buttons, please do the settings carefully.
3. While it connects to the alarm, when there is alarm signal, it sounds for 10s.

## Packing List

Name	Quantity	Name	Quantity
Receiver host	1 pc	Power adaptor	1 pc
User manual	1 pc	Warranty card	1 pc
Fixed hook	2 pcs	Screws	2 pcs