Wireless Calling Receiver
User Manual

(ZJ-46)

Wireless calling system

99/999-channel Wireless Calling Receiver ZJ-46 User Manual

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
- Calling number speaker
- Colorful LED indication
- 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 setting voice prompt, easy to set
- Calling records display can be fixed or cycle
- Calling records cycle display time is adjustable
- Timeout calling display flickering prompt
- 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: 315MHz /433.92MHz

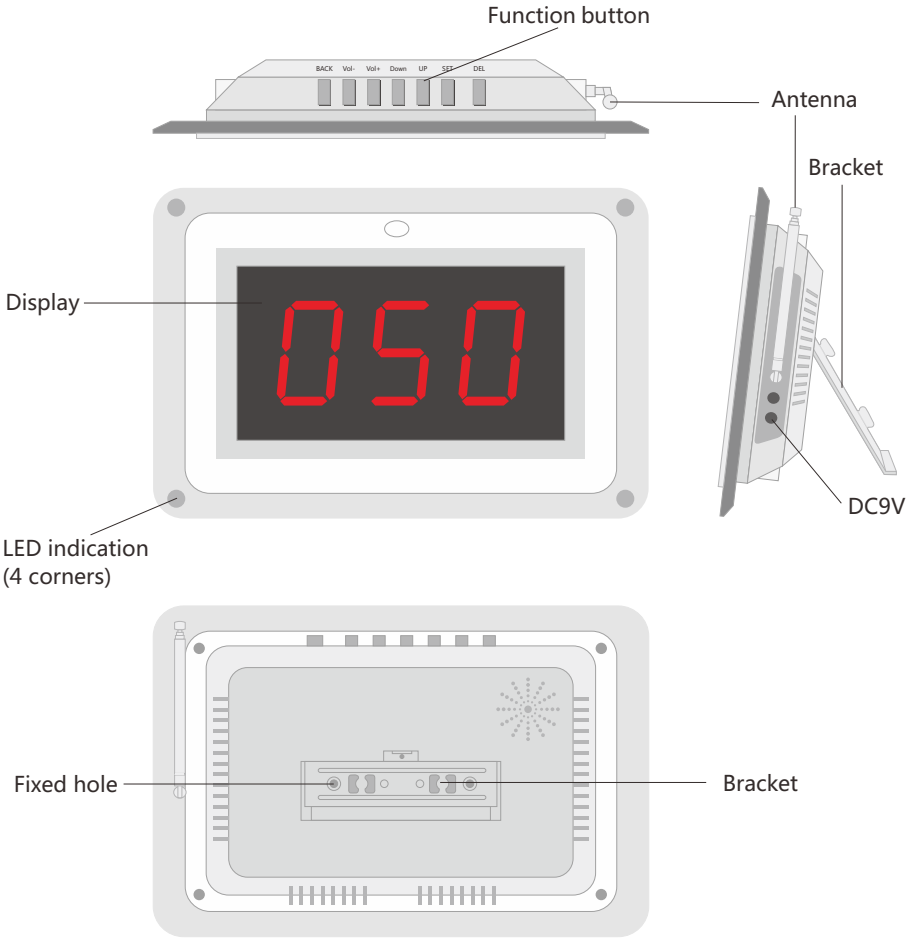
Working voltage: DC9V/1A

Working current: <600mA

Standby current: <60mA

Sensitivity: -110dBm

Diagram



Button Function

【BACK】 Back to previous menu or standby status.

【Vol - 】 Volume decrease.

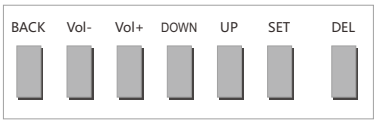
【Vol + 】 Volume increase.

【DOWN】 Short press to turn down one by one, long press for quick.

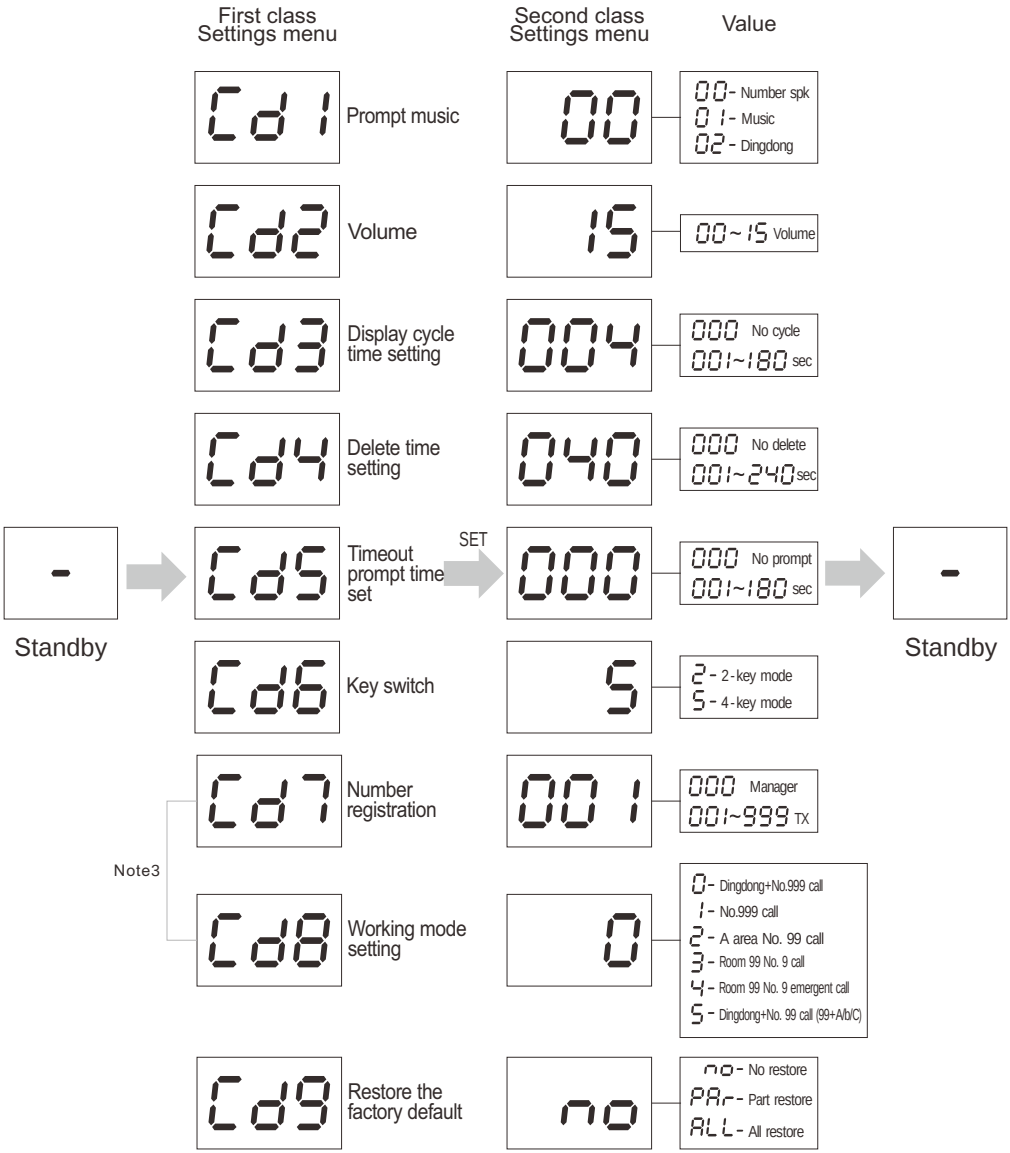
【UP】 Short press to turn up one by one, long press for quick.

【SET】 Long press 2sec to enter settings mode; short press to submenu.

【DEL】 Delete calling records history or delete paired transmitter button.



Settings Diagram



Note:

1. Long press “SET” for 2 sec to settings menu.
2. In second class settings menu, press “UP/DOWN” to adjust the parameter value.
3. First time use, please set the working mode in advance.
4. For more information of each item, please check the below instruction.

Screen Display function

0 Cd8-mode 0: Normal mode 1

Number 001~999

1 Cd8-mode 1: Normal mode 2

Number 001~999

Note: display is same to mode 0, but less dingdong voice.

2 Cd8-mode 3: Area mode

Area A~F Number 01~99

Note: the area shows 6, 7, 8, 9, A, b, C, d, E, F

3 Cd8-mode 3: Room mode

Room 01~99 Table 1~9

4 Cd8-mode 4: Hospital mode

Room 01~99 Bed 1~9

5 Cd8-mode 5: 99-channel mode

A: order
b: call
C: pay

01~99 A/b/C

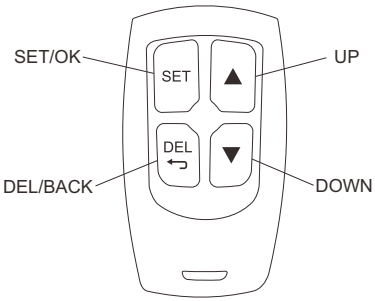
Manager remote controller (Optional)

SET Long press for 2sec 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 Instruction

1. Self test when power on

When the receiver host is power on, it starts initialization program. The 4 corner LED indicators will flicker and display will show the digits from 000 to 999 along with the prompt music.

2. Function settings

At first time using, please do the settings like below. After all the settings are finished, please power off the host and reset.

Long press the “SET” button for 2 sec to enter the first class settings menu. Then press “UP/DOWN” button to select the menu from Cd1 to Cd9. And press “SET” button to enter submenu.

(1) "Cd1": Prompt music

Press "SET" button to enter "Cd1" submenu. The display will show "00", then press "UP/DOWN" to select sound prompt mode.

00: number speaker mode
01: music prompt mode
02: dingdong prompt mode

Press “BACK” button to previous menu or quit to standby status.

(2) "Cd2": Volume

Press "SET" button to enter "Cd2" submenu. The display will show "15", then press "UP/DOWN" to adjust the volume from “01" to “15" different level. “00" means mute.

Press “BACK” button to previous menu or quit to standby status.

Note: In standby status, press the “Vol+/-” to adjust the volume directly.

(3) "Cd3": Display cycle time setting

Press "SET" button to enter "Cd3" submenu. The display will show "004", then press "UP/DOWN" to adjust the display cycle time from “001" to “180" seconds. “000" means no cycle.

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

Press “BACK” button to previous menu or quit to standby status.

(4) "Cd4": Delete time setting

Press "SET" button to enter "Cd4" submenu. The display will show "040", then press "UP/DOWN" to adjust the auto delete time from “001" to “240" seconds. “000" means no auto delete function.

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

Press “BACK” button to previous menu or quit to standby status.

(5) "Cd5": Timeout prompt time setting

Press "SET" button to enter "Cd5" submenu. The display will show "000", then press "UP/DOWN" to just the timeout prompt time from “001" to “180" seconds. “000" means no timeout prompt function.

When the time is set, in the time, the service person should go to provide service, or not, the display screen will flicker to prompt to do it.

Press “BACK” button to previous menu or quit to standby status.

(6) "Cd6": key switch mode setting

Press "SET" button to enter "Cd6" submenu. The display will show "5", then press "UP/DOWN" to just the key mode.

① “2" means 2-key mode, which is suitable for 1/2-button calling transmitters.

② “5" means 4-key mode, which is suitable for 1/3/4/5/6-button calling transmitters.

(7) "Cd7": Number registration setting (Transmitter paring or deleting)

Before do the pairing, please refer to (8) "Cd8" to set the working mode. Such as normal restaurant mode, area mode, room mode or hospital mode.

Press "SET" button to enter "Cd7" submenu. The display will show "001", then press "UP/DOWN" to select the number of calling transmitter.

① Pair calling transmitter

Press “UP/DOWN” button select one of the number, for example “001”, and then press any button on the transmitter, the speaker will sound “successful registration” and the display screen turn to next number “002” automatically. Then you can continue to do the next pairing up to number 999 transmitter (normal mode). After finish the pairing, press “BACK” button to previous menu or quit to standby status.

Note: 1) long press “UP/DOWN” button to jump the numbers quickly.

2) While the number is paired, the 4 corner LED indicators will be flicker, or not, if the LED indicators are off, it means the number has no paired transmitter.

3) In area mode, the first digit of three is the area, it can show 6/7/8/9/A/b/C/d/E/F, the last two digits means the number from 01 to 99 in one area, press “UP/DOWN” button to select suitable area and number.

4) In room or hospital mode, the first two digits means the room number from 01 to 99, the last one digit means the desk/bed number in one room from 1 to 9, press “UP/DOWN” button to select suitable room and number.

② Delete calling transmitter

Press “UP/DOWN” button select one of the number which want to delete. For example number 003, the display shows “003” and the 4 corners LED indicators flicker. Then press “DEL” button, the LED indicators will be off which means the number 003 transmitter is deleted.

③ Pair the manager remote

The manager remote is optional, when need it, please pair it to number 000. Then you can use the button on remote to replace the button on the receiver host.

(8) "Cd8": Working mode setting

Press "SET" button to enter "Cd8" submenu. The display will show "0", then press "UP/DOWN" to select the working mode from 0 to 4.

0: screen display 001~999, sound “Dingdong+No. 1~999 call”

1: screen display 001~999, sound “No. 1~999 call”

2: screen display A01~F99, sound “Dingdong+A area+No. 1~99 call”

3: screen display 011~999, sound “Dingdong+Room 1~99+No.1~9 call”

4: screen display 011~999, sound “Dingdong+Room 1~99+No.1~9 emergency call”, this mode is used in hospital.

5: screen display 01A/b/C~99A/b/C, sound “Dingdong+No.1~99 call”. The function is 99 channels and show the button function, A/b/C.

Note: After finish the function, please power off and restart the host to ensure the function is confirmed.

(9) "Cd9": Restore the factory default setting

Press "SET" button to enter "Cd9" submenu. The display will show "no", then press "UP/DOWN" to select restore function.

No: don’t do restore function

PAt: restore the default expect “number registration” setting.

ALL: All the settings will be restored to default settings like below:

1) Cd1: 00 (number speaker)
2) Cd2: 15 (volume is 15 level)
3) Cd3: 004 (records display cycle time is 4s)
4) Cd4: 040 (auto delete records time is 40s)
5) Cd5: 000 (no timeout prompt)
6) Cd6: 5 (4 key mode)
7) Cd7: 001 (no paired transmitter)
8) Cd8: 0 (normal mode)

Select one option and press “SET” button, after 3s the host will restore to default settings and turn back to standby status automatically.

Packing List

Name	Quantity
Receiver host	1 pcs
Power adaptor	1 pcs
User manul	1 pcs
Warranty card	1 pcs

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.

Optional for transmitter

1-button mode: YK500-1E/F, YK1000-1C, YK200-1C, TSYK200-1, YK500-1H

2-button mode: YK1000-2C, TSYK500-2X, YK500-2H, TSYK1000-2X

3-button mode: YK500-3H

4-button mode: YK500-4X, YK500-4H, TSYK1000-4B, TSYK1000-4X, TSYK2000-4X

6-button mode: TSYK500-6

Notice

1. While it is working, please pull the antenna out for the best receiving effect.
2. After finish the settings, please power off the host and restart to make it effective.