

Queue Wireless Calling System User Manual



Wireless calling system

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Summary

Thanks for choosing the queue wireless calling system. It adopts RF wireless technology with millions of different learning codes. The system includes 999-channel call buttons keypad and portable buzzer&vibration receivers. The call button keypad has 16 battery charging slots. Each receiver is rechargeable and labeled with a number. In standby status, it is plugged into the charging slot, while the client places an order, he/she will be dispatched one receiver with a number, when the order is ready, press the keypad to call the number, the client will get it through the buzzer/vibration/LED indications.

The queue system greatly improve the work efficiency and avoid the client waiting in a long queue. It is widely used in fast food restaurant, dessert shop, auto 4S shop or other queue occasions.

Features

- ◆ 999 channels keypad call buttons
- ◆ 16 batteries charging slots
- ◆ Portable rechargeable vibration & buzzer receiver
- ◆ Independent storage memory avoiding data lost
- ◆ High receive sensitivity
- ◆ Self testing while power on
- ◆ Beautiful and fashionable designing

Technical data

Receiver	
Working voltage	DC3.7V (rechargeable battery)
Charging voltage	DC5V
Working frequency	433.92MHz
Standby current	10±5mA
Working current	75±10mA (vibration) 100±20mA (vibration+buzzer)
Receive sensitivity	-107±2dBm
Battery capacity	360mAh
Decoder	Learning code (AM)
Dimmension	51*104*10mm

Keypad call button	
Working voltage	DC12V/3A power adapter
Working frequency	433.92MHz
Standby current	24±5mA
Transmit current	100±30mA
Encoder	Learning code (AM)
Dimmension	157*234*36mm

Diagram of call button keypad

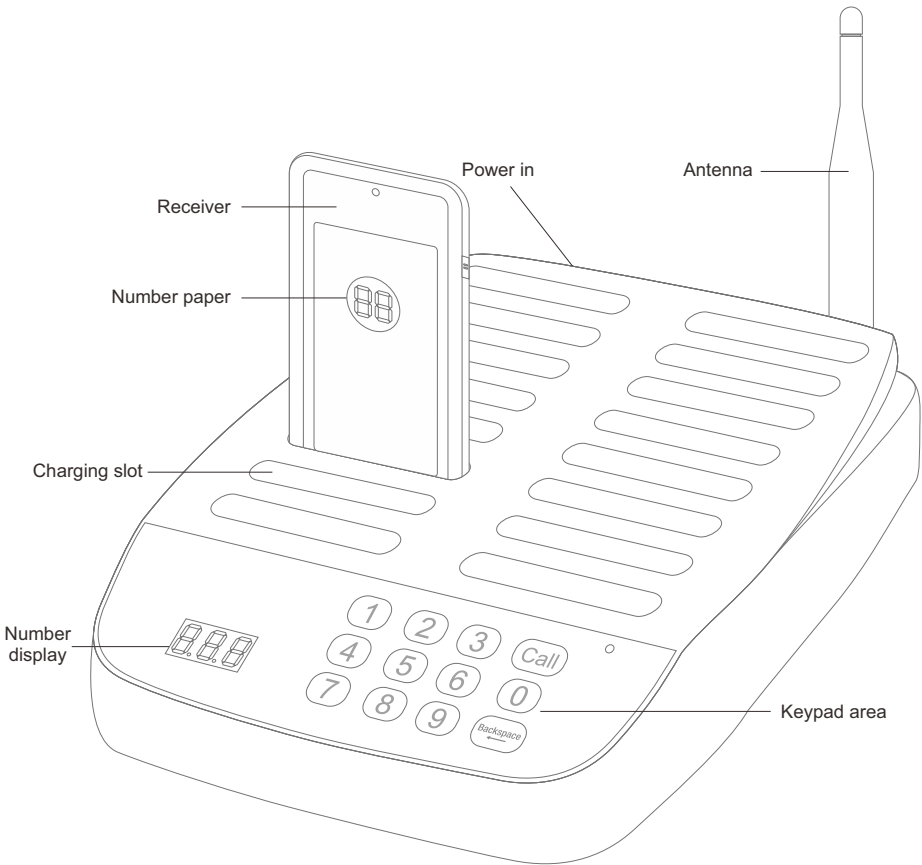
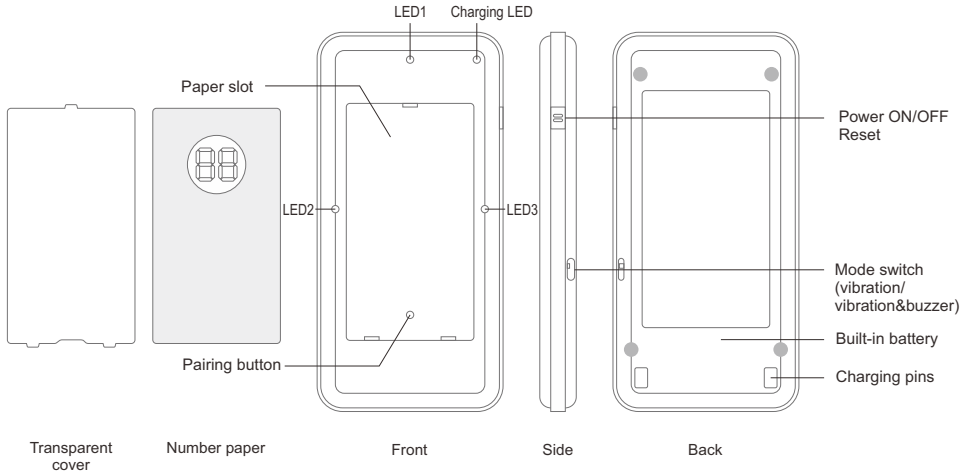


Diagram of receiver



Button function

- 【Power】 Press and hold the button for 3sec to power on the receiver, press again to power off. Short press the button to reset standby status while there is calling.
- 【Pairing】 Press and hold the button for 3sec to enter pairing status.
- 【Mode】 Change the prompt mode of the receiver. The upper position is vibration only; the lower position is vibration and buzzer.

- 【Keypad】
- | | | | |
|---|---|---|-----------|
| 1 | 2 | 3 | Call |
| 4 | 5 | 6 | 0 |
| 7 | 8 | 9 | Backspace |
- Press button from 0 to 9 to select a number from 1 to 999, then press "Call" button to send. If selected wrong number, press "Backspace" to delete and select number again.

Operation instruction

1. Connect the call button keypad to power, it executes the self-testing procedure. Then the number display shows "0".
2. Press and hold "Power" button for 3s on side of the receiver to power on, the receiver will vibrate and sound 3 times, and then LED1 indicator flickers every 3s, the receiver enters standby status. Plug the receiver to the charging slot, it vibrates and sounds 3 times and then the blue charging LED on, the receiver enters charging status.
3. When client places an order, the service people give one receiver to him(her) and note down the number.
4. While the order is ready, the service people press keypad to call the client (number), the

corresponding receiver receives the information and prompts vibration/buzzer/light for 15 times, 5 sec later, it prompts vibration/buzzer/light 3 times, 5 sec later again and 5 sec later again, in total 3 times additional to avoid ignoring it. After that only the 3 LED indicators flicker.

When there is a calling...



Press the “Power/Reset” button or plug back to charging slot to reset charging/standby status.

5. The client gives back the receiver to service people, the service people put the receiver to charging slot and provide service.

Note:

- 1) In daily working, the receiver can be powered on all the time. If long time not use, power off the receiver please.
- 2) For a long time the receiver is not used, charge it for a while before giving to the client.
- 3) The receiver must be paired to the keypad before using. About how to do pairing, please refer to the pairing method below.

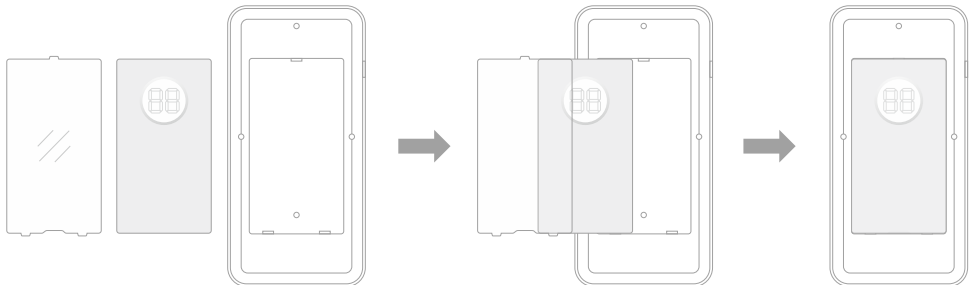
Pairing method

1. Paring – Press and hold on the “Pairing” button for 3 sec, the LED1 indicator will be on, then press the call number on the keypad. The receiver receives the signal and vibrates 3 times. The pairing is successful.
2. Deleting – Press and hold on the “Pairing” button for 5 sec, the LED1 indicator will be ON-OFF, release the button, then all the paired call buttons are deleted.

Change number paper

Take out the transparent plexiglass cover in the front of the receiver, then put a number paper inside the paper slot. And then put back the cover.

Note: While do the pairing operation, take out the cover and paper firstly.



Charge the receiver

Plug the receiver to the charging slot, the blue charging LED indicator will flicker, while the battery is full, the LED indicator will be on all the time.

FAQ

Problems	Reasons	Solutions
While power on, the number display on keypad is not on.	The power adaptor is broken.	Change the power adaptor.
The distance of some receiver gets near.	The power of battery is low.	Charge the battery in time.
Receiver cannot get any signal from keypad call button.	The pairing is deleted; The number is not correct.	Pair the receiver again to the keypad.
Forget the number of receiver.		Delete the pairing first, then pair it again.

Packing List

Name	Quantity
Call button keypad	1 pc
Receiver	16 pcs
Power adaptor	1 pc
User manul	1 pc