WATCH WIRELESS
CALLING RECEIVER
USER MANUAL

Content

User manual of
watch wireless calling receiver

I Preface

The product concentrates the technology of wireless transportation, digital identify, dot matrix LCD display and microprocessor together to realize the functions of time display and wireless calling. The receiver adopts the chipset that contains millions of learning codes, makes the products very safe and stable performance, as well as avoiding wrong calling and incorrect display.

The product uses removable rechargeable battery with long standby time and safe charging circuit.

The fashionable watch design makes it widely used in restaurants, bars, cafes, hospitals, hotels, and factories and so on.

II Feature

Dot matrix LCD screen
Fashionable watch design
Accurate time display
RF wireless technology
Vibration/Buzzer prompt
Low-power indication
Built-in removable rechargeable battery
Used for restaurant, café, hotel, hospital, bank, factory...

III Technical Data

1) Working voltage: DC3.7V rechargeable Li-ion battery
2) Working frequency: 433.92MHz
3) Working current: 57mA±10mA (buzzer mode)
                          95mA±10mA (vibration mode)
4) Standby current: <8mA
5) Power-off current: 180±5μA
6) Receiving sensitivity: -108dBm
7) Decoding: learning code
8) Modulation: AM

IV Diagram
1. Diagram of function

Ⓔ Press the button 2 sec to enter settings;

In pairing status, press the button 2 sec to change the cursor position;

In pairing status, press the button to delete one paired call button.

⊖ Press the button 1~2 sec to power ON/OFF the receiver;

In standby status, press the button 2 sec to switch on/off the receiver module;

in settings, press the button to back last class menu or quit settings;

In calling status, press the button to delete one calling record.

⊙ In pairing/deleting settings, press UP/DOWN to select the number
⊙ from 0 ~ 9, A ~ Z, :, -

in calling status, press the button to browse the calling records.

Note: in standby status, press any button 2s to wake up the screen.
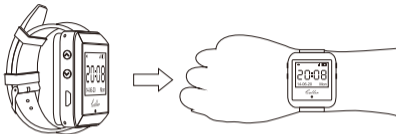
2. Diagram of display

Single display mode   List display mode
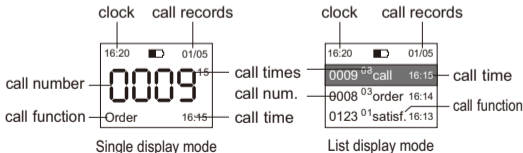
Note: for different software versions, the interface may be different.

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V Using method

1. Wear the watch receiver to the wrist, and put the call buttons in suitable place.

2. Press "POW" button to power on.
3. Pair the call buttons with the watch receiver. (refer to below instruction)
4. When need calling service, press the call buttons, the watch receiver will receive the message, and display number on the screen with vibrate or buzzer prompt.
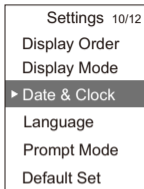
   If customer pressed wrong or no need just called service, press "Cancel" button to cancel the calling service. The calling record will be deleted from the calling records list on the screen.

Note: before calling service, the transmitter should be paired to the receiver according its numbers.

VI Settings

Press the "Pow" button 1 sec to power on the watch receiver, then the LCD screen will be on and display the date and time and other information. In standby status, press "SET" button 2 sec to enter

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settings. The main settings are:

Settings 1/12		Settings 10/12
▶ Pair & Delete		Display Order
Working Mode		Display Mode
Cycle Time		▶ Date & Clock
Autoclear Time		Language
Timeout Alert		Prompt Mode
Button Mode		Default Set
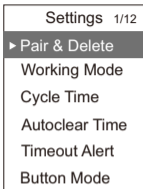
1. Pair & Delete
1) Pairing call button
Select the "Pair & Delete" then press "SET" button to enter the pairing or deleting settings. The screen shows 0000 as below:

Pair & Delete	Pair & Delete
0000	0001
Not paired	Paired

In the middle of the screen, there are 4 characters position. Press "SET" button 2 sec to change the cursor among the 4 characters. Each character value can be "0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, :, -".

Pres s"UP/DOWN" to adjust the value.

So finally the call button can be a digital number or a word or the combination of them, for example, "0010", "8673", "ROOM", "HELP", "BED7", "10-1", "A-88", "86:1" and so on...

If the number selected is empty, the status shows "Not paired", then press any button on the wireless calling button (transmitter), the watch will receive the wireless signal and record it on this number, the status will turn to "Paired" and jumps to next number automatically.

Note: Each number can be only paired one call button. If press the call button which has been paired, it will jump to the paired number.

2) Deleting call buttons
In the pairing status, select the number which want to delete. The status shows "Paired", then press the "SET" button, it will delete the paired call button and turn to "Not paired".

If want to delete all the paired call buttons, go to "Default set" setting to restore factory default setting, all the paired call buttons can be deleted at one time.

Note: The pair & delete setting is operated by administrator only.

2. Working Mode
Each call button has only one ID (i.e. call number), but the call button may have one or several buttons on it. Each button has its meaning, like "Order", "Call", "Pay", "Cancel" (restaurant mode) etc. In different working occasions, the meanings are different.
There are 7 working modes and the corresponding meanings are:

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Call button pin data definition table

Data \ Mode	D0	D1	D2	D3	D0+D1	D0+D2	...	D0+D1+D2+D3
General	A	B	C	x	D	E	...	N
Restaurant	Order	Call	Pay	x				
Hospital	Medicine	Call	Emergency	x				
Help	Stop	Come	Go	x				
Factory	Material	Call	Support	x				
Parking	Park	Car	Help	x				
Bank	Call	Call	Call	x	*x: cancel function*			

3. Cycle Time
When there are 4 or more calling records, they can cyclically display on the screen automatically. The cyclical time is from 1 to 180s. Press "UP/DOWN" to adjust the value.
Note: the default time is 0, that means no start cyclical function.

4. Auto clear Time
The calling record can be cleared automatically from the calling list, the time is from 1 to 240s. Press "UP/DOWN" to adjust the value.
Note: the default time is 0, that means no start auto clear function.

5. Timeout Alert
If set the timeout alert, when the calling service is not dealt in the time, the watch will alert to prompt. The time is from 1 to 180s.
Note: the default time is 0, that means no start timeout alert function

6. Call Button Mode

4-button mode is used for 1/2/3/4/6-button call buttons, the data D3 is the cancel function. 2-button mode is compatible for the old call buttons, the data D1 is the cancel function.

7. Display Order
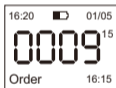
The calling records display has 2 sequences:
1) Ascend – the latest calling record is shown in the below.
2) Descend – the latest is calling record shown on the top.
Note: the default is descend order.

8. Display Mode

The calling records display has 2 modes.

Single display mode   List display mode

1) Single – on each page, there is only display one record, press "UP/DOWN" button to browse others.
2) List – all the calling records display in the list, each page displays 3 records. press "UP/DOWN" button to page up/down.

9. Date & Clock

Press the "SET" button to change the cursor position, then press "UP/DOWN" button to adjust the value.

10. Language
The watch receiver supports multiple languages, select and press "BACK" button to quit.

11. Prompt mode
There are 3 prompt modes when there is calling coming.
1) Vibration
2) Buzzer
3) Vibration & Buzzer
Press "UP/DOWN" button to adjust the value.

12. Default set
In this setting, press "UP/DOWN" button to select restore option, and then press "BACK" button to standby status, the receiver will restore to factory default settings. There are 3 options:
1) No – Nothing restored.
2) Part restore – only system settings are restored to factory default except the pairing information.
3) All restore – all settings will be restored to factory default.

Note: when you move the cursor to the restore option and back to standby status, the restore operation will take effect, please do this operation carefully.

VII Other Functions
1) Receiver ON/OFF
When the watch receiver is not in use, the receiver module can be turned off to avoid receiving the calling message.
Press "POW" button 2s, there is receiver ON/OFF options. Select and press "SET" button to turn off and back to standby status. On

the top of main interface, the signal icon shows X.

2) Low power indication and battery charging

When the power capacity icon is close to empty, please charge the battery in time.

While connect to the power adapter, the red indicator in the below of the screen will be on, when the charging is finished, the LED indicator turns off.

Note: in first 3 times, suggest charging 8~12 hours; in normal use, the charging time is about 4 hours.

VIII FAQ

Problem	Analysis	Solution
LCD has no display	Check the bat voltage; Check the screen cable	Charge the battery; Change the screen cable
Some call button has less distance	Battery of call button is close to empty	Change the battery of call buttons
The watch receiver cannot be charged	Check power adapter; The battery is broken	Change power adapter; Change the battery
Call buttons cannot be paired	The frequency is not same or OSC resistor is correct.	Change the correct frequency and OSC resistor.

IX Packing List

1) Watch receiver   1pc   3) USB cable   1pc
2) Power adapter   1pc   4) User manual   1pc