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Manual of Bluetooth Control Receiver

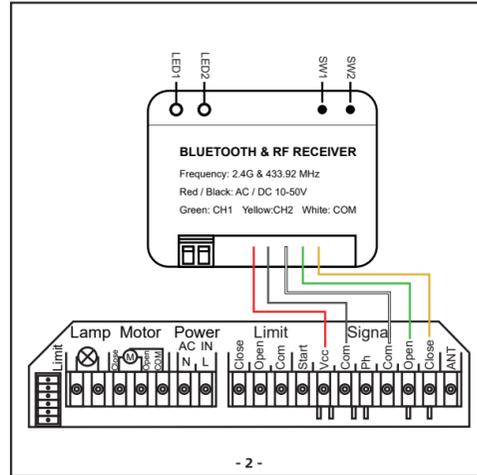
Features

Thanks to Bluetooth receiver, you can open your gate, garage door, or barrier from your smartphone, rf remote control, even keyless entry by USB card. It is important that your smartphone has a Bluetooth connection, although this is already standard on today's phones.

Specifications

- (1) Working voltage: AC/DC 10-50V
- (2) Working current: 20±2mA
- (3) Channel: 2 channels
- (4) Bluetooth control distance: 30m in an open area
- (5) 2.4G USB control distance: 5m in car
- (6) RF control distance: 80m in an open area
- (7) RF frequency: 433.92Mhz
- (8) Memory capacity: 340 pcs USB card and rf remote control

- 1 -



- 2 -

Wire diagram

- (1) Red: connect with "+" (AC/DC 10-50V)
- (2) Black: connect with "-"
- (3) Green: Channel 1 output
- (4) White: COM
- (5) Yellow: Channel 2 output

Note: User can connect Green and yellow wires with gate opener controller's open and close terminal, white wire connect with COM terminal. Otherwise, if the gate opener is single button control mode, only need to connect green and white wire.



LED indicator description

- Red LED 1: it is Bluetooth status indicator, keep lighting up while the device don't connect with the Bluetooth. After connection, the red LED will flash quickly.

- 3 -

SW1 & SW2 button (Reset and Programming)

- Blue LED 2: it will flash, when the device receiving a signal from the USB card or remote control.
- **SW1: Reset button.**
Step 1. Press and hold the SW1 button for about 8s, the buzzer will sound a long beep, then the Bluetooth receiver is reset successful.
Step 2. Now the Bluetooth receiver already unbind the APP, and all the USB card & remote control would be deleted. So the user need to add the device into the APP, and add the USB card & remote control again.
- **SW2 Programming button (Learn code and delete code).**
★ **Program the USB card or Remote into the receiver directly.**
Step 1. Short press the SW2 button once, the buzzer will sound a beep, and the blue LED will light on, then enter the program mode.
Step 2. Power on the USB card or press any buttons in the remote control to transmit a signal to the Bluetooth receiver. The buzzer will sound a beep, which means the programming operation is successful.

- 4 -

★ Delete the USB card or Remote from the receiver directly

Press and hold the SW2 button for about 8s, the buzzer will sound a long beep, and all the USB cards and remote control would be deleted.

APP Instruction

1. Download the Xhouse IOT APP

- Scan the QR code (as follows) to get the APP, download and install it.
- You can also try to search XHouse IOT on google play store or APP store to download.
- Register and login into account.



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- 5 -

2. Adding device

- Step 1. Turn on the Bluetooth in your smart phone.
- Step 2. Power on the device, open the APP. Press the "⊕" on the top right corner to add the device, then select the "Bluetooth device" which has a orange cycle on the top right corner. (Fig 1 and 2)
- ★ If there has a gray cycle on the top right corner, or show a message "Please enter distribution network mode and add devices" or "The device has been added by XXX, please initialize before adding", that means the device already be added. The user need to press the SW1 button for about 8 seconds, the buzzer will sound a long beep, and the Bluetooth receiver is reset successful, then repeat the step 1.
- Step 3. Add the device successfully. When using Bluetooth mode control, the mobile app must be close to the device within Bluetooth range to connect and control, and only one user's phone can be connected at a time. (Fig. 3)

- 6 -

Step 4. The user can modify the name of the device and button from the "⚙️" on the top right corner. (Fig 4&5)

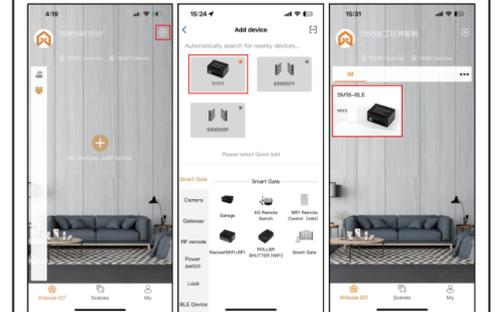


Fig 1

Fig 2

Fig 3

- 7 -

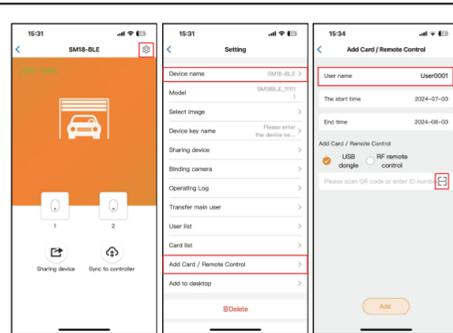


Fig 4

Fig 5

Fig 6

3. Add USB card or remote control

Administrator can add extra cards or remote controls for other users, and set the deadline.

- 8 -

- Step 1. Open the APP, select the Bluetooth device. (Fig 3&4)
- Step 2. Click the "⚙️" on the top right corner, select the Add card/Remote Control, then scan the QR code from the USB card or remote control to add them. (Fig 5)
- Step 3. The device support to modify the user name and deadline. (Fig 6)

4. Sync information

★ The device support administrator to add the USB cards or remote control or modify the deadline in the APP first, when it doesn't connect with the Bluetooth with the smart phone.

★ After the operation is completed, the administrator need to operate the device to build the Bluetooth connection with smart phone again, and click the "Sync" in the card list to sync the new information to the Bluetooth device. (Fig 7)

Note: If the Synced showed red color, means you don't sync the card or remote successful, please press the red color "Sync" on the bottom.

5. Delete USB card or remote control

Administrator also can delete cards or remote controls through the APP.

- 9 -

- Step 1. Open the APP, select the Bluetooth device.(Fig 3&4)
- Step 2. Click the "⚙️" on the top right corner, select the "Card list" . (Fig 8)
- Step 3. Select the USB card or remote control, click the "delete" .(Fig 9)

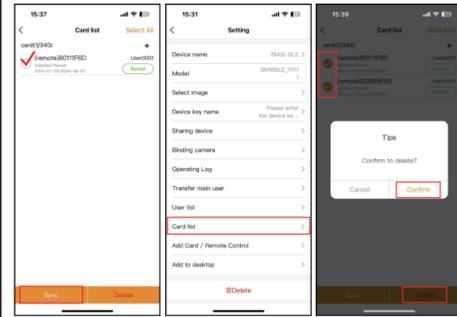


Fig 7

Fig 8

Fig 9

- 10 -

6. Sharing the device

Note: New users request to download the app first.

- Step 1. Open the APP, select the device. Press the "⚙️" on the top right corner, then select the "Sharing device" , will create a QR code. (Fig 10)
- Step 2. The new user download the APP and open it. Press the "⊕" on the top right corner and select the "Scan" . Scan the QR code.



Fig 10

- 11 -

7. Manage User

If the administrator want to manage the user, please follow the steps.

- Step 1. Open the APP, select the Bluetooth device.
- Step 2. Press the "⚙️" on the top right corner, then select the "User list" .
- Step 3. The administrator can modify the user name, set the deadline, delete the user, etc operation. (Fig 11)



Fig 11

- 12 -

How to operate your gate opener

- APP: Press the button 1 and 2 to operate the gate opener.
- USB card: Plug the USB card in your card. And the user need to drive their car and arrive at the front of the gate within 5m, the gate opener will be open automatically. If your gate opener has auto-close function or you already connect the Channel 2 with gate opener controller's close terminal, after you driving away from the gate over than 5m or close off your car engine, the gate will be closed automatically.
- RF remote control: The user can press the remote control buttons to operate the gate opener.

- 13 -



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