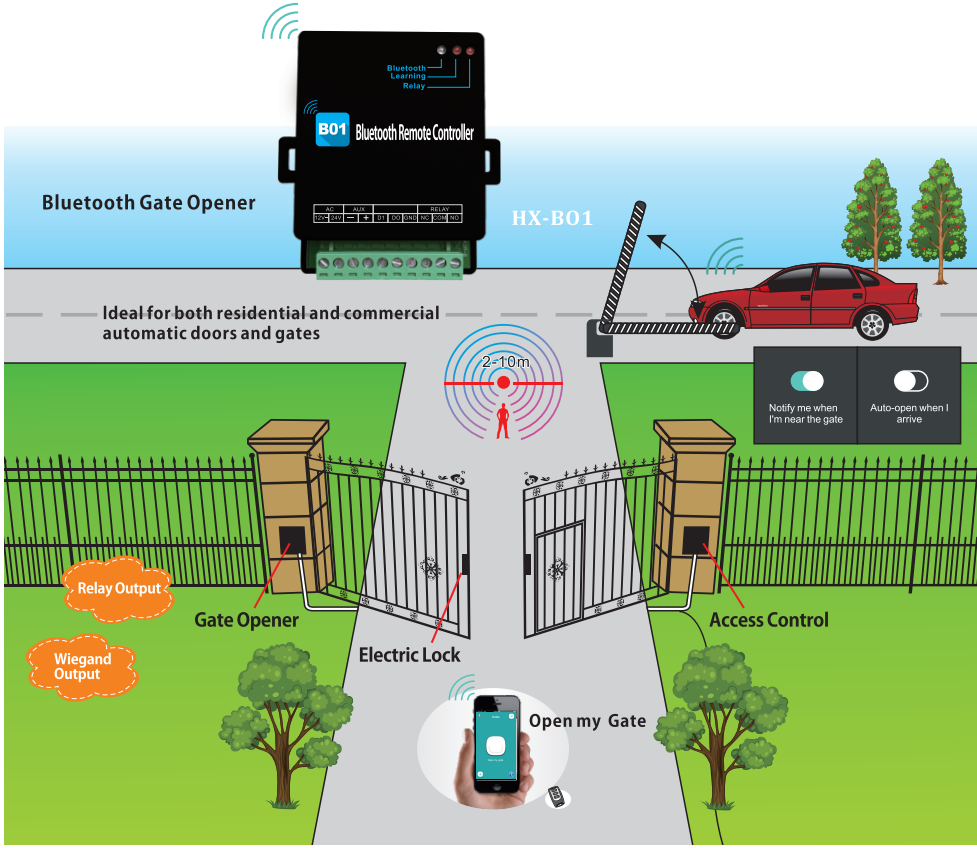


# HX-BO1 APP Manual

## User Manual

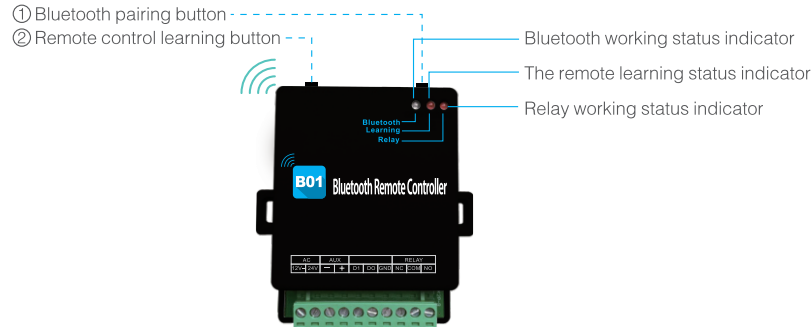


## Features:

- Controlled by bluetooth (within 10 metres) or wireless remote control (within 100 metres).
- Support 60 wireless remote controls, and 1000 bluetooth users ID.
- With data Wiegand protocol output, compatible with access control or parking system.
- With relay output NO.NC.
- Support Android or IOS APP.
- Can adjust the sensitivity of bluetooth by APP.
- Can select auto-open or notify from the APP when approach the gate.
- Can select using bluetooth or remote control according to the real situation.

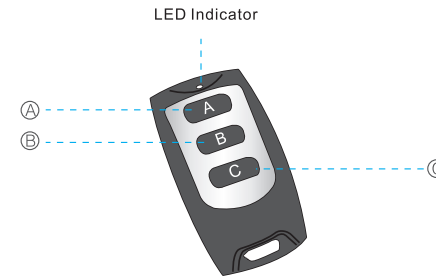
## Technical Parameters:

Model	HX-BO1
Color	Black
Technology	Bluetooth,RF Frequency
Power	12-24Vdc/220 AC
Relay output	1 Dry contact NC or NO, 20A 14VDC 20A 125VAC

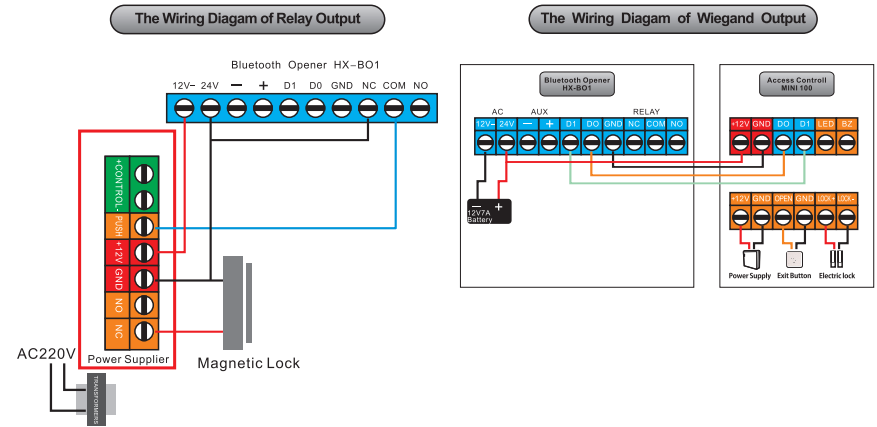


1. Press bluetooth pairing button about 8 seconds, the bluetooth LED indicator will light on, pairing the bluetooth with opener by APP.
2. Add remote: Press the learning button about 3seconds until the green learning light on, then you can press any button of the remote and light will flash out, it means add successfully.
3. Delete remote: Keep press the learning button about 10seconds until the green learning light flash out, it means delete successfully.

## The function of the remote control:

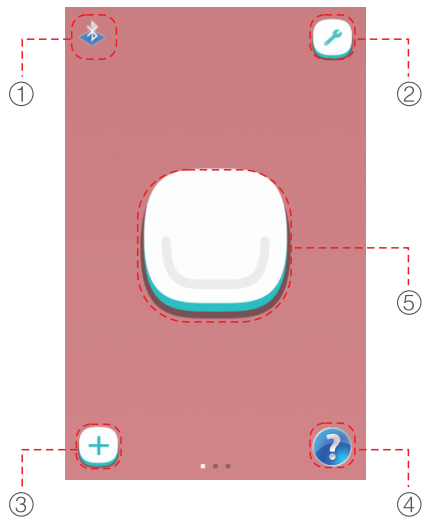


- A. Control Relay or Wiegand output, relay working time default setting is 3 seconds. Relay or Wiegand output base on APP.
- B. The emergency used to control the Relay while the bluetooth module has broken or other emergency situations. Press the button relay works, release the button relay stop working.
- C. Bluetooth reset. Press this button to reset while Bluetooth inconnection or in the situation of deadlock.



- Download and install the BO1 APP
- Search for the keywords "HX-BO1" in Apple store or Google play for the iPhone or Android Smart Phone, and you can download the program for free.
- Pair your device to <the APP>

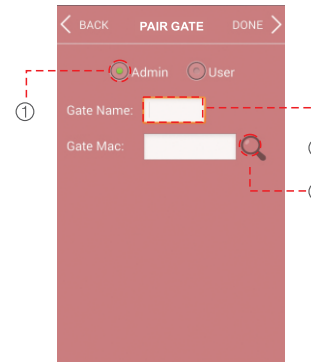
Note: When the first time you open the APP. You need to allow the APP to access camera .Then you can scan the QR code to add new user.




- 1. Device online status icon.
- 2. Device main functions setting.
- 3. Discovery and pair the devices.
- 4. More information.
- 5.ON/OFF switch.

## 2. Add User

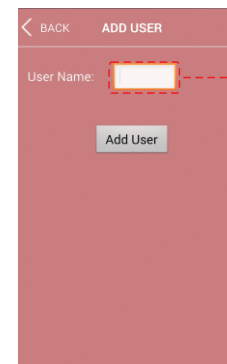
### 2.1 Add Admin



1, Press the bluetooth pairing button on the controller for 8 seconds, the bluetooth LED indicator will light on,choose add admin and press  button, paring the bluetooth with controller and edit name as "HOME"

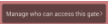
Note: Make sure your mobile and controller is under the discovering status.pairing the controller by app.

### 2.2 Add General User



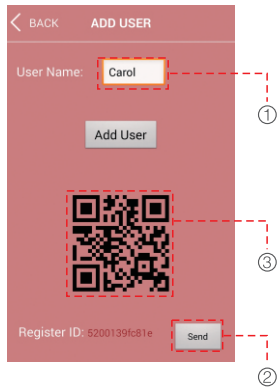
1. Admin can edit user's name press "Add User"button to save it.

Note: User name can be edit only by the Admin.

How to enter this step,please get to main function setting  refer to page 9, point 5.3.

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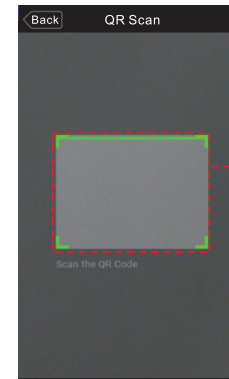
### Add User By Register ID Or SCAN QR Code



1. For example, key in User's name as Carol, then press "Add User" button, it will generate a QR code and a Register ID.
2. The Admin will send Register ID to certain numbers to register to be user.
3. The User can be added by scanning the QR code.

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### Add User By Scan QR Code

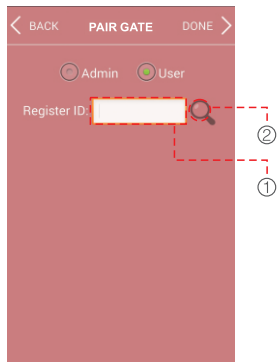


The General User also can scan the QR Code to pair the device directly.

Note: you need allow the app to access camera before above operation.

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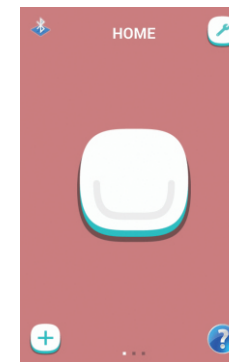
### Add User By Register ID Or Scan QR Code



1. The General Users can use the Register ID and pair to the device.
2. Or the General Users can press this button to the scanning screen.

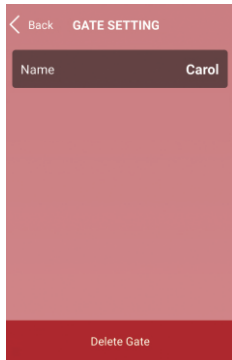
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### 3. Make Test By ON/OFF Button



After added successfully, back to main menu, press the ON/OFF button for testing.

## 4. User's APP Interface



User can not program the device only can see this interface

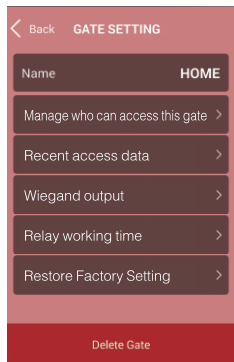
## 5.1 Gate Name

Admin can edit the device name



Only admin can edit device name

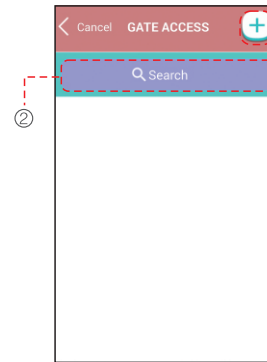
## 5. Main Functions Introduction



1. Edit the device name
2. Check authorize user and add user
3. Check 100 recent access data
4. Wiegand output setting
5. Relay working time setting
6. Restore to factory default
7. Delete the bluetooth pairing

## 5.2 Manage Who Can Access This Gate

Check authorize user and add user



1. Add new user
2. You can press the "search" button to search the user you have ready added.

### 5.3 Manage Who Can Access This Gate

Admin can setup limited access of user

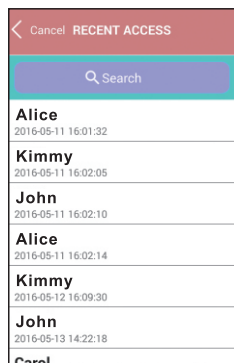


1. No Limit means User can operate the APP all the time.

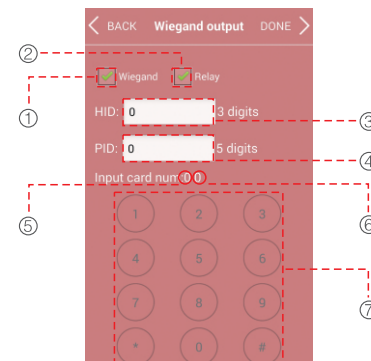
2. It means Admin can limit User's usage counter, for example, if set "Limit 10 times", it means User can operate the device for 10 times.

### 5.4 Recent Access Data

Admin can check 100 recent access date



### 5.5 Wiegand Output Setting



1. Wiegand protocol output switch
2. Relay output switch
3. HID Number, you can set up any 3digits number
4. PID Number, you can set up any 5digits number
5. It represents HID Number
6. It represents PID Number
7. If working with Mini100

- A. Press " \*" the red and green LED will light alternately
- B. Input the 6 digits password (888888 Default) with 5 secs, follow by "#", the Mini100 will release a "DI" sounds
- C. Press 1, the "DI" will sound again, flashing will become faster. There are two adding methods (built in app) for control access which is the same as adding card.

**For example:** \*888888#1

- a. Back to the main interface and press button for one time, then "\*" "DI" sounds will be heard again.
- b. Key in 3 digits HID Number + 5 PID Number then "#" "DI" sounds will be heard again.

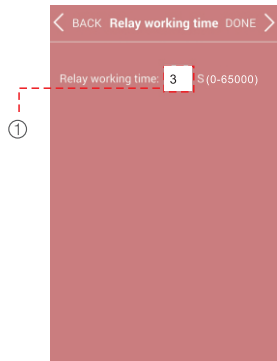
Press "\*" exit program status, the LED indicator will stop cycle flash.  
Then Admin and User can control the wiegand protocol output by APP, no need card.

**Note:**

1. PID & HID number were displayed on the screen. When DI,DI,DI sounds was heard it means programming is not successful or the phone is already programmed.
2. Once re-set the PID & HID number, all users also valid.
3. If work with your own exited access control, ignore the above programming method, add the users according to correct manual."

## 5.6 Relay working time setting

### Relay working time

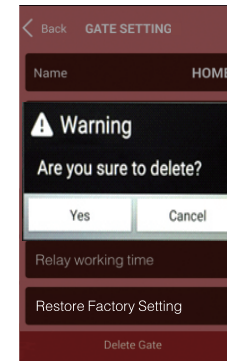


1. Set the relay working time from 0–65000 seconds, press **DONE** key to finish setting, then go back to the main menu and make testing.

0 means the relay won't be off automatically in pre-set time.  
you need press the button ON, press again OFF.

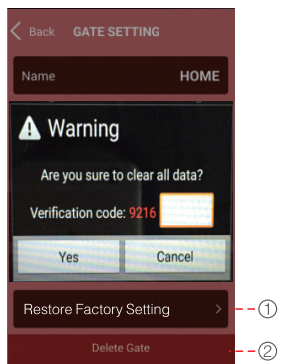
Default setting relay working time is 3 seconds

## 5.8 Delete Gate



Delete bluetooth pairing  
User can not access after delete gate, need re-pairing to work

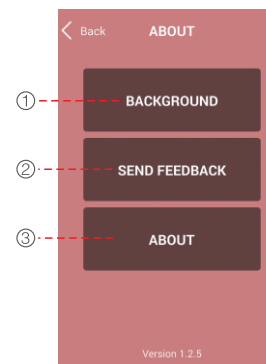
## 5.7 Restore Factory Setting



Caution! Once Admin restore defaults, all data will be erased, and all users can not access.

1. Input verification code as shown
2. Press yes to reset to factory default

## 6 More information



1. Set up the Background.
2. Your comments and suggestions are always welcome. Feel free to contact us for future cooperation.
3. You can press in to get the manual.