

# User Manual



Please read the user manual carefully before use

## 【Knowledge of products】



## 【Power On/Off】


Press the touch key for more than 5 seconds, turn on the Bracelet and light up the screen (if the screen does not respond, please refer to the following steps to charge the Bracelet).


Press the touch key to switch to the Power Off interface < OFF >, press 5 seconds to select < YES > to Power Off, and choose < NO > to give up.

## 【Bracelet Charge】

Put the USB magnet charger Pin against the charging connector on the back of the Bracelet, the bracelet will automatically suck in the charger (if the charger is

repellent to the bracelet, turn the charger around), and then plug the USB charging wire into the 5V/500mA or more to charge, such as: computer, mobile phone charger, power bank, etc.

When charging, the battery icon on the upper right corner of the screen appears as shown 

The Icon of full charged as shown 

## 【Install Bracelet APP】

Iphone User, please search “Powerband” in Appstore or scan the QR code as below to download.

Android User, Please search “Powerband” in Google play or scan the QR code as below to download.

After APP is successfully downloaded, APP is opened. The right to prompt is set to allow.

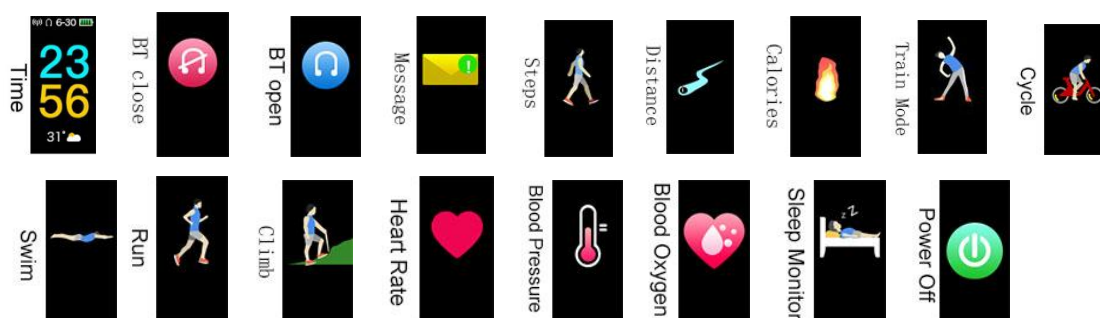


IOS



Android

## 【Recognize the corresponding functions of the bracelet icon】



## 【Functions instructions of Bracelet】

Press the touch key to switch the function in turn


1. Time: Press the touch key for 5seconds to switch the dial at the time interface(Note: there is weather report show on the time interface after connected to the APP)




2. Call music blue tooth switch: long press 3 second to switch state
3. Message: Long press to enter the message content, short press to switch page and switch to the next message after entering the message content, long press to exit the message. (Note: When the bracelet receives the message remind, also short press the touch key to switch the next page and long press to exit message)
4. Steps: show the number of steps for the day
5. Distance: show the day's journey,in kilometers
6. Calories: show the calories consumed for the day
7. Multiple train mode: long press to enter multiple train mode, train mode includes cycle, run, swim, climb, return, in the return interface,long press into the upper interface, in other sport mode interface long press into the corresponding train mode, in the train mode long press to exit to the upper interface.
8. Heart Rate Monitor: Wait 20-30 seconds in the heart rate monitor interface, the bracelet vibration indicates the end of the test, the corresponding data on the screen is the data of this test. (Note: the value displayed on the bracelet before the test end is the result of the previous test).
9. Blood pressure Monitor: Wait 20-30 seconds in the blood pressure monitor interface, the bracelet vibration indicates the end of the test, the corresponding data on the screen is the data of this test. (Note: the value displayed on the bracelet before the test end is the result of the previous test).
10. Blood oxygen Monitor: Wait 20-30 seconds in the blood oxygen monitor interface, the bracelet vibration indicates the end of the test, the corresponding data on the screen is the data of this test. (Note: the value displayed on the bracelet before the test end is the result of the previous test).
11. Sleep monitor: Every night between 21:00pm to 9:00am of the next day, the bracelet automatically detects the wearer's sleep status and saves data,after sleep can be linked to APP synchronous sleep time, APP can view the detailed sleep data.
12. Power off: long press the touch key for 5 seconds to enter the shutdown selection, choose YES and long press to shutdown, choose NO and long press to return.


Note: When the bracelet is connected to APP, the data will be synchronized automatically. The first synchronization takes 1-2 minutes. If you can't synchronize automatically, please select the powerband from the menu, and then hold down the screen to synchronize the data.

### 【Mobile phone binding】

1. Turn on the Bluetooth of the mobile phone, connect the APP Bluetooth and the Call Music Bluetooth (Note: APP Bluetooth and Call Music Bluetooth are two separate Bluetooth signals, please connect separately).
2. Connection call music Bluetooth:



The first step is to turn on the Bluetooth: remove the movement from the lampstand, and the icon  above the screen flashes to indicate that the Bluetooth is opened

but not connected (if the movement leaves the lampstand for a long time, the Bluetooth will automatically close and display , then the movement can be put back to the lampstand for a few seconds and take out, then the Bluetooth will automatically open, or you can press the touch key and switch to the Bluetooth switch interface , and then long press the touch key until the icon changes to , indicate that Bluetooth is on.

The second step is to open the Bluetooth of mobile phone, find "BY51ER" in the device, click to connect, and then the upper display of the bracelet screen  will no longer flicker after the call music Bluetooth connection is successful, at this time you can listen to music or call through the bracelet.

\*Note: After the first connection, you can automatically connect by turning on the Bluetooth of the mobile phone and the Music Bluetooth of the bracelet. If you can't connect automatically, please repeat the above connection of the manual.

### 3. Connect APP Bluetooth:

First, open Bluetooth of mobile phone, then open APP, in the device to find APP Bluetooth "BY51", click on the connection, the phone will prompt the device request pairing information, please click OK, after successful connection, the bracelet screen shows the call music Bluetooth icon  on the top of screen, if not connected successfully Bluetooth icon shown as . After successful connection, you can use the functions on APP.

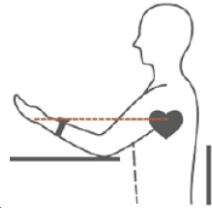
\*Note: After the first connection, you can automatically connect by opening mobile phone Bluetooth and APP Bluetooth. If you can't connect automatically, please repeat the above manual connection steps.

## 【Heart rate/blood pressure/blood oxygen test】

Switch the bracelet to the heart rate/blood pressure/blood oxygen test interface, the LED lights on the back of the bracelet, the heart rate/blood pressure/blood oxygen test begins, after 1-2 minutes, the bracelet begins to display the current heart rate/blood pressure/blood oxygen value, click the touch key to exit the current test, you can also connect the mobile phone APP for heart rate/blood pressure/blood oxygen single or full simultaneous test, sync the test data, set the heart rate test time (users can set intervals of 20, 40, 60 minutes according to their own needs), and turn on the heart rate alarm switch.

Note: in the following cases, it may lead to test error.

1. the bracelet is not close to the skin, sweat and dirt on the LED lamp.
2. Please do not measure blood pressure in the following situations: after drinking, coffee, black tea; after smoking; after bathing; within an hour after meals.
3. when measuring heart rate, blood pressure and oxygen, try to keep your body at rest.



Correct gesture

\*This product measurement data are just for reference only, not as a medical diagnostic data, and the trend of blood pressure is different from medical diagnosis, the heart rate is not the same concept please do not take this as the diagnosis or treatment use.

## 【APP function introduction】

1. Powerband: it contains sport data, sleep data and healthy data.
2. Device: connect bracelet APP bluetooth
3. Setting: profile->set private information; Anti-lost->open, the bracelet will vibrate when the bracelet leaves the Bluetooth range of the phone; Find Band->click, bracelet vibrates; Alarm->Set alarm clock time, time to shake reminder; Rock Photo-> open and shake the bracelet, intelligent photography; Heart rate switch interval-> you can choose heart rate too high or too low alarm, and can choose a fixed time automatic heart rate monitoring; Gesture bright screen->after opened, raise the hand to light the screen, convenient to see the time; Screen saver time->choose the time to turn off the screen when standby; Factory data reset->Bracelet recovery software status to the original software, all data will be cleared. (Note: most of the functions in the setting need to be based on APP Bluetooth connected)
4. Help: solutions to some common problems

## 【Dial / answer the phone】

1. Call: After Bluetooth music is connected, the phone dials, jumps to the call mode option, select BY51ER, and automatically switches to the bracelet
2. Answer the phone (make sure the bluetooth of mobile phone is opened):  
When the movement is placed on the lampstand, call incoming, remove the movement, and answer automatically.  
When the movement is away from the lampstand, press the touch key to answer automatically, and press the touch key for 3 seconds to reject the call.

## 【Attention】

1. Don't diving long when wearing
2. It is forbidden to replace batteries at will.
3. Please use the original charger to charge
4. Please connect the bluetooth when synchronizing data.
5. don't expose the bracelet to extremely high or extremely low temperatures.

## 【FAQ】

### 1. How to quit message remind

When message remind, short press the touch key to turn to next page, and long press the touch key to quit.

### 2. Q: Bracelet can't be charged

A: When the battery is dry, there will be a period of battery pre-charge time. Generally, after plugging in the charger to charge for 5-10 minutes, you can enter the normal charging state.

### 3. Q: Bracelets cannot be connected to mobile phone bluetooth

A: Due to the signal interference in Bluetooth connection, the time of each connection may vary. If you can not connect for a long time, you can try the following method and then reconnect:

A. Restart Bluetooth B. restart cell phone C. check if the bracelet is turned on D. and delete redundant Bluetooth devices that were connected to the phone before

### 4. Q: bracelet can't answer the phone

A: 4.1 detects whether Bluetooth is on or not. 4.2 If the movement has left the lampstand for a long time and has not called or listened to music, the call music Bluetooth will automatically turn off. Check to see if the Bluetooth icon at the top of the bracelet screen is on, and if not, follow the "Connection call music Bluetooth" step in Section 2 of **【Mobile phone binding】**

### 5. Q: Bracelet automatically disconnect, bracelet can not synchronize data

A: please set APP and mobile phone according to the following steps

5.1 Turn on Bluetooth: open the Bluetooth in mobile phone settings

5.2 Open power saving Jurisdiction: enter mobile phone settings->battery->intelligent power saving->Powerband, open Unlimited

5.3 Lock in background to make it free to clear: Open the background task list through the mobile background task button, find the preview picture of the bracelet application in the background application list. Then we press on the picture and drag it down to lock, and then the application will not be cleared.

5.4 Allow the bracelet to access the software notice function

Enter mobile phone **Settings->Barrier free**(some handsets enter **accessibility**), Find **Powerband** and enter to choose open. (Tips: the bracelet can't receive the information remind if this button is not turned on)

5.5 Set the APP automatically start when mobile phone power on

Enter Mobile phone **Setting->App Permission manager->Automatic Start management->Powerband->Open**

5.6 Open trust permission management

Enter mobile phone **Settings**, Open **App Permission manager**, Find **Powerband** in Application list, Open it, and then open trust this Application

Tips: For the above setting, different mobile phones have some differences on steps, please set according to your own handsets.

6. Q: Bracelet can not receive incoming call remind, SMS/whatsapp/ facebook remind. A:

For Android, Please set the phone and APP according to following steps:

6.11 make sure Powerband APP has connected to bracelet, If you can't connect, please refer to the solution of FAQ 4.

6.12 In APP, Settings->Alarm and remind->turn off all the button and turn on the corresponding button again

6.13 Mobile phone Settings->more settings->accessibility(some handsets are Barrier free)-> Powerband->turn on the Powerband button

6.14 Mobile phone Settings->permission management->Powerband->set all Powerband permission to be allowed.

6.15 Mobile phone Settings->Notifications&status bar->Notification management->Whatsapp and facebook ->turn on all whatsapp and facebook notification button

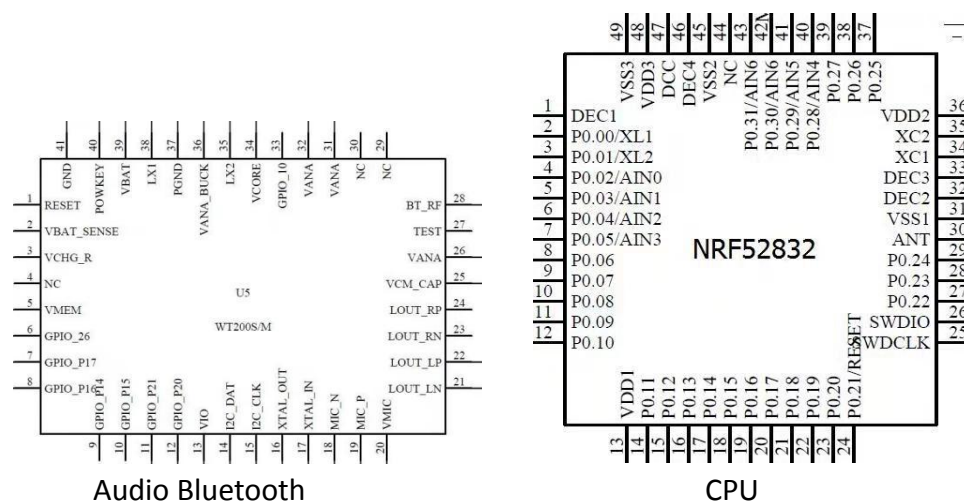
For IOS, Please set the phone and APP according to the following steps:

6.21 make sure Powerband APP has connected to bracelet, If you can't connect, please refer to the solution of FAQ 4.

6.22 open Settings -> cellular- > Open

6.23 open Settings -> find PowerBand from the list-> wireless data -> select open WLAN & Cellular Data.

## 【Diagram】



**FCC Warning:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

**Special Note:** If there is any problem when use, please refer to the help item in app, there are some common problem solutions in the document.