

1. You need to download the **Yahboom\_TrikeBot\_4B\_image.rar** file. Then You need to extract the **Yahboom\_TrikeBot\_4B\_image.rar** file by winRAR software, and you will get a Yahboom\_TrikeBot\_4B\_image folder with Yahboom\_TrikeBot\_4B\_image.img. Then, you need to burn Yahboom\_TrikeBot\_4B\_image.img into SD card.

**! Note:** Need to format the SD card before burning the image

**Tip:** Please read carefully on how to burn the image **【Raspberry Pi Tank】** --

**【2.Development environment】** -- **【2.1 Download and write the system image】** on the <https://www.yahboom.net/study/T1-Pi>

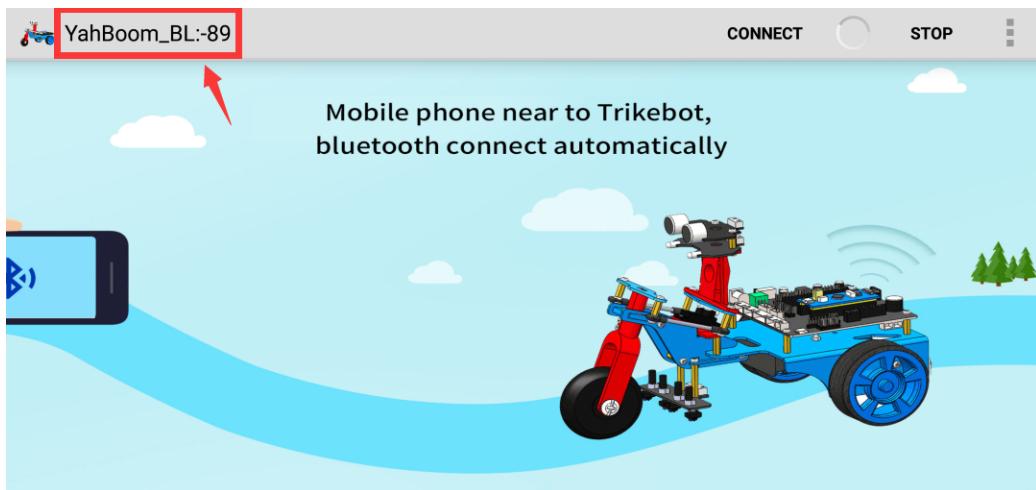
2. You need to insert SD card into Raspberry Pi board. And Assembling the robot car.

3. Please use the Android phone to download and install the Bluetooth APK we have provided. ([Yahboom\\_TrikeBot\\_4B.apk](#))

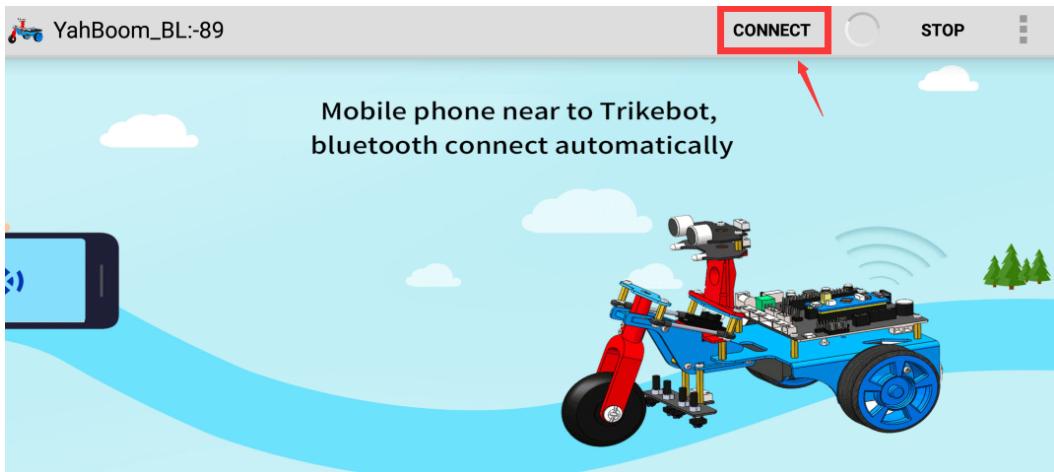
4. After the APP is installed, open the Bluetooth of the your phone, open the power switch of the car(**Wait patiently for a while,The buzzer will ring whistle times**),

**! ! Note: It must be heard that the buzzer sounds three times, indicating that it has started normally.**

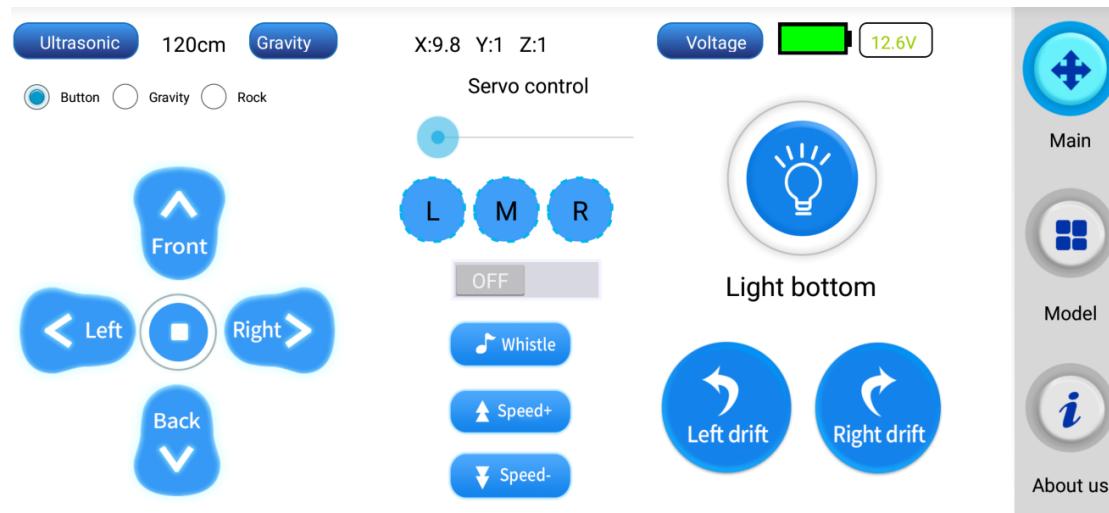
and open the Bluetooth APP. The mobile phone is close to the car, you will see the Bluetooth signal in the upper left corner of the Bluetooth APP interface, as shown below, while the red indicator of the Bluetooth module keeps flashing.



5. The phone will automatically connect to the Bluetooth near the car. If there is no automatic connection, you need to click **【CONNECT】** on the APP interface.



6. Then, Bluetooth can be successfully connected, and the APP will enter the interface as shown below. At the same time, the red indicator of the Bluetooth module will be keep on.



7. Wait for the ultrasonic data to change, it prove that Bluetooth starts to transmit data normally. You can start to control the car.

You need to pay attention to the points, otherwise the Bluetooth remote control function will have problems.

Note:

(1) The robot car needs to have enough voltage to work properly. Please refer to the following figure for the charging method and battery usage:

## Raspberry Pi TrikeBot car

1. Remote control operation

▼

2. Development environment

▼

3. Experimental tutorial

4. Battery and charging

4.1 Battery of TrikeBot use pre...

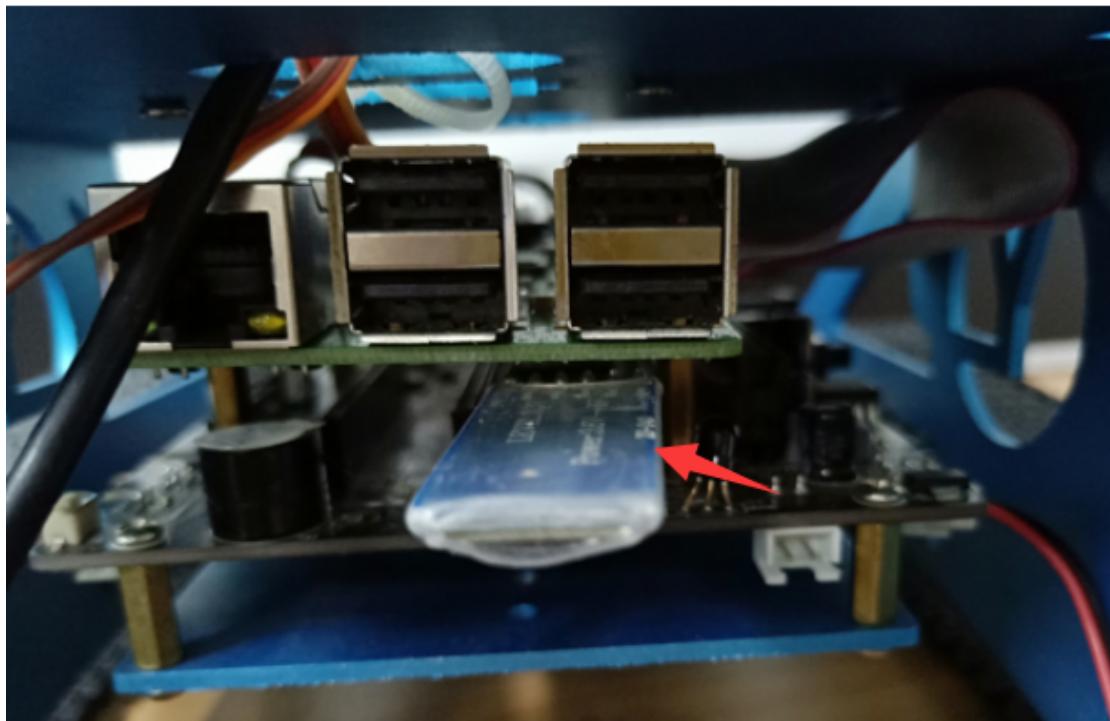
## Welcome to Raspberry Pi TrikeBot car repository

### ReadMe

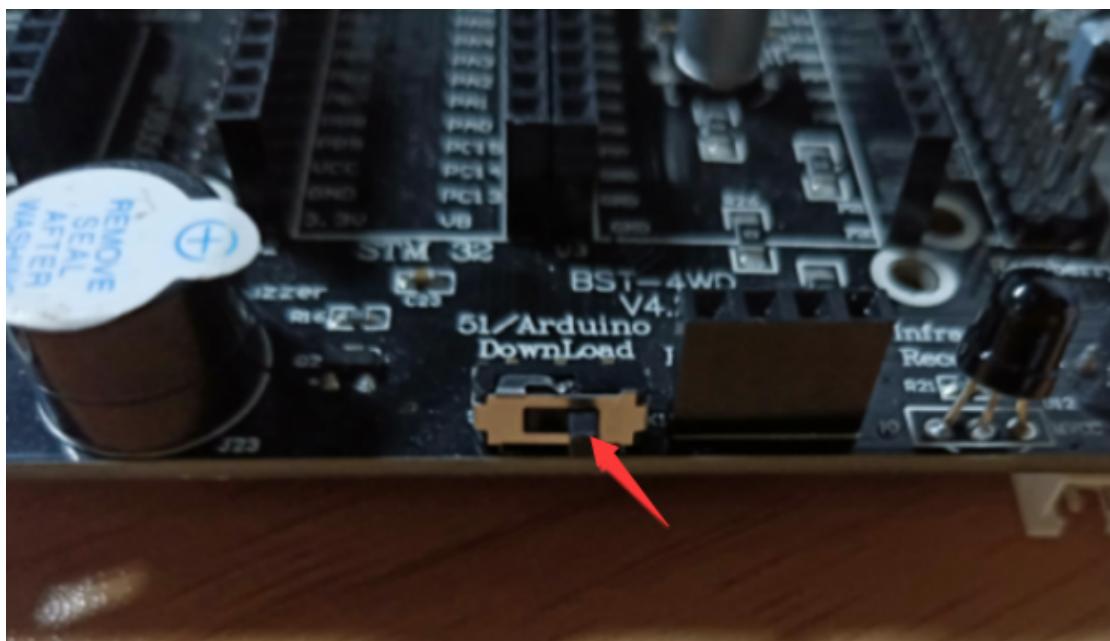
If you purchased our Raspberry Pi TrikeBot car, you need to perform the following steps:

Step 1: After the TrikeBot car is assembled, you will need to download the

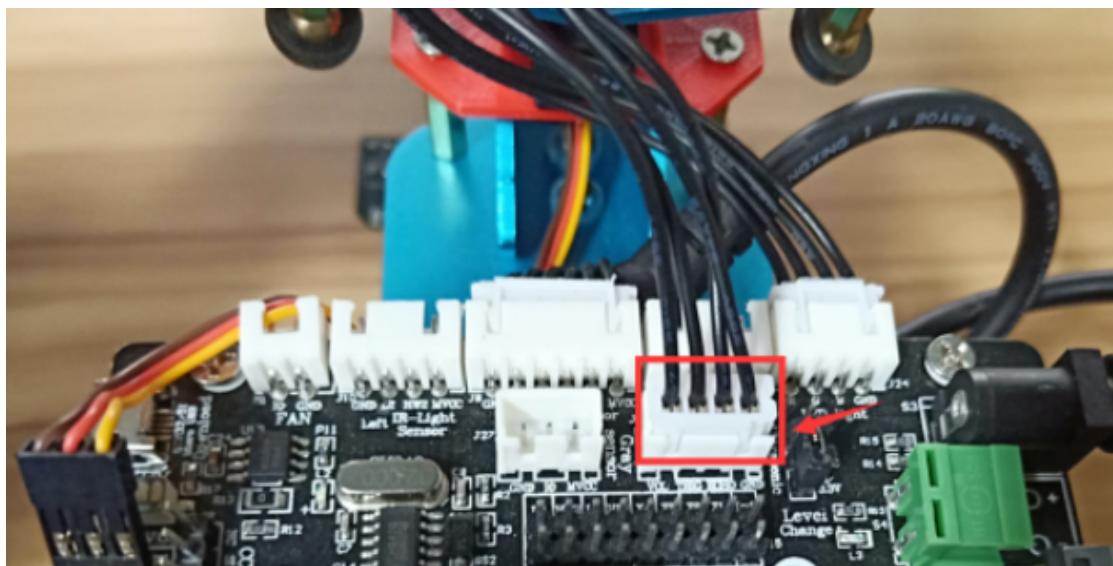
(2) The Bluetooth module needs to be properly inserted into the expansion board of the robot car. As shown in the figure below.



(3) 51/Arduino Download Switch on the expansion board must be set to [OFF]. As shown in the figure below.



(4) The ultrasonic module must be inserted. As shown in the figure below.



Please read our manual for introductions of Bluetooth remote control interface.