

Handle remote control & Bluetooth remote control operation document

For those Arduino UNO R3 and Arduino MEGA2560 versions, those who have purchased the above two development boards have downloaded the programs before shipment, and the car can be remotely controlled directly according to the following steps.

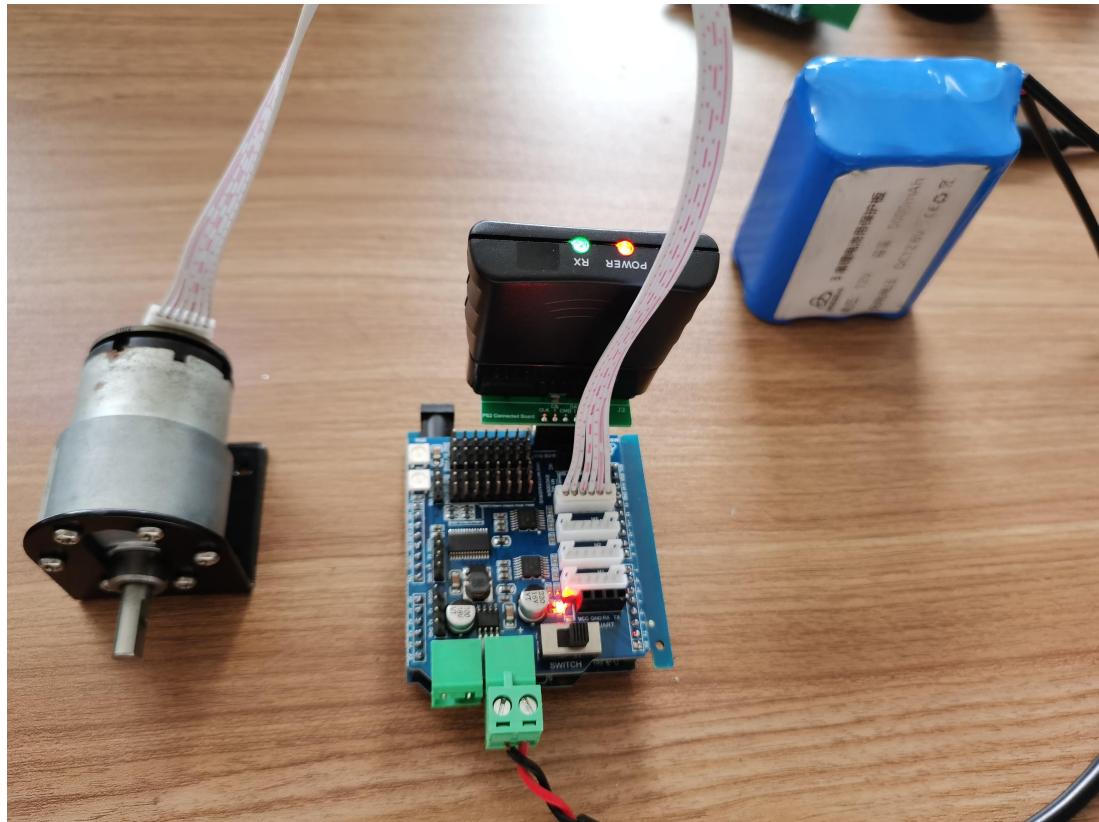
If it is your own development board, you need to download the program we provide to the development board before you can perform remote control operations according to the following steps.

One. Handle Remote Control Operation Instructions

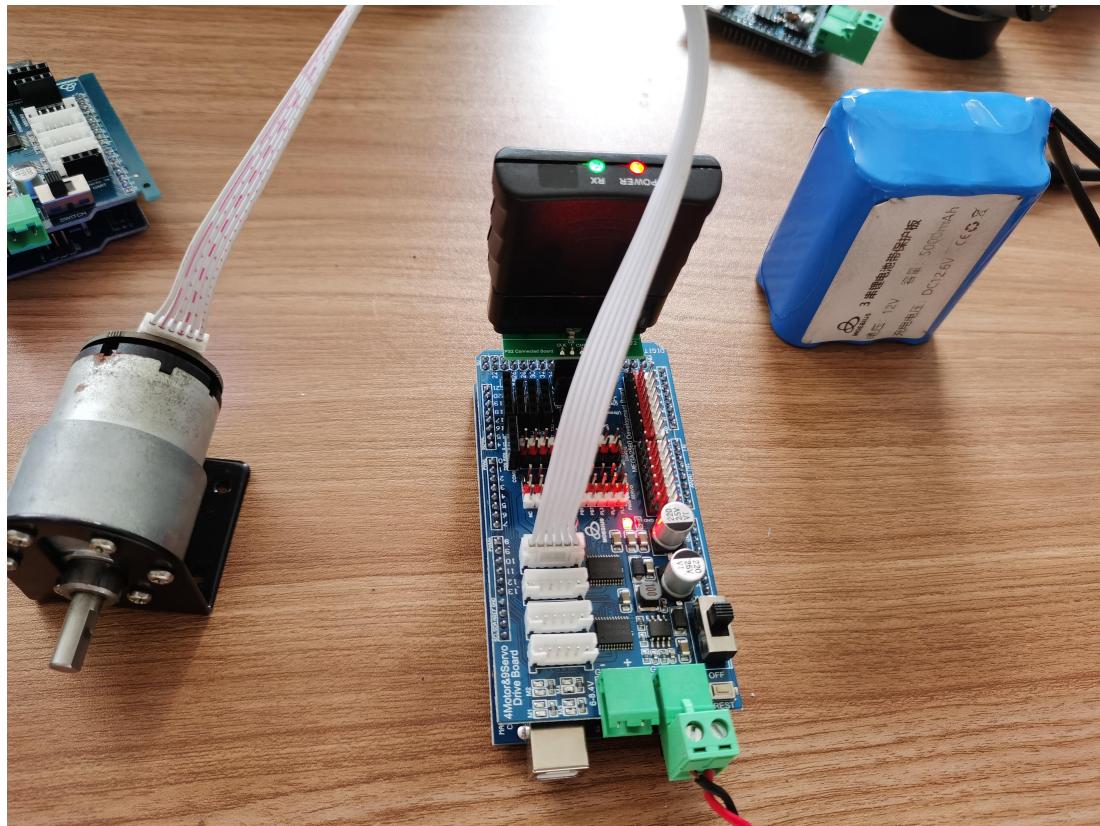
Note: Precautions for handle operation: the receiver cannot be plugged and unplugged on power supply or reverse. Please insert the driver board for silk screen printing, refer to the following figure.

1. Wiring

Arduino UNO Edition



Arduino MEGA2560 Edition



STM32 Version



Handle remote control mode:

Steps: After plugging in the receiver in the above way, turn on the switch on the drive board, the switch on the handle remote control, the Arduino mega2560 and the Arduino UNO version are all powered on, the receiver is automatically paired, and the Power light and RX light (red and green) are always on. Remote control can be carried out in the following manner. Do not operate the handle within 15 seconds will be in standby state, then press start to activate. STM32 version need to press mode pairing.

Handle button function for Arduino UNO



- | | |
|------------------------------|---------------------------|
| 1.Move parallel to the left | 2.Back |
| 3.Move parallel to the right | 4.Go ahead |
| 5.Stop | 6.Go ahead with low speed |
| 7.Rotate left | 8.Rotate right |

Handle button function for Arduino MEGA2560



Press L1 and push the left push rod, it can achieve forward and backward, pan left and right.

Press and hold L1 and push the right push rod, it can achieve left and right in-situ rotation.

Press and hold L1 and R1 at the same time, up/down push up the left push rod to accelerate forward/backward.

Handle button function for STM32



Press “mode” to pair, the two lights of the handle are always on at the same time, the pairing is successful.

Push the left push rod, it can achieve forward and backward, pan left and right.

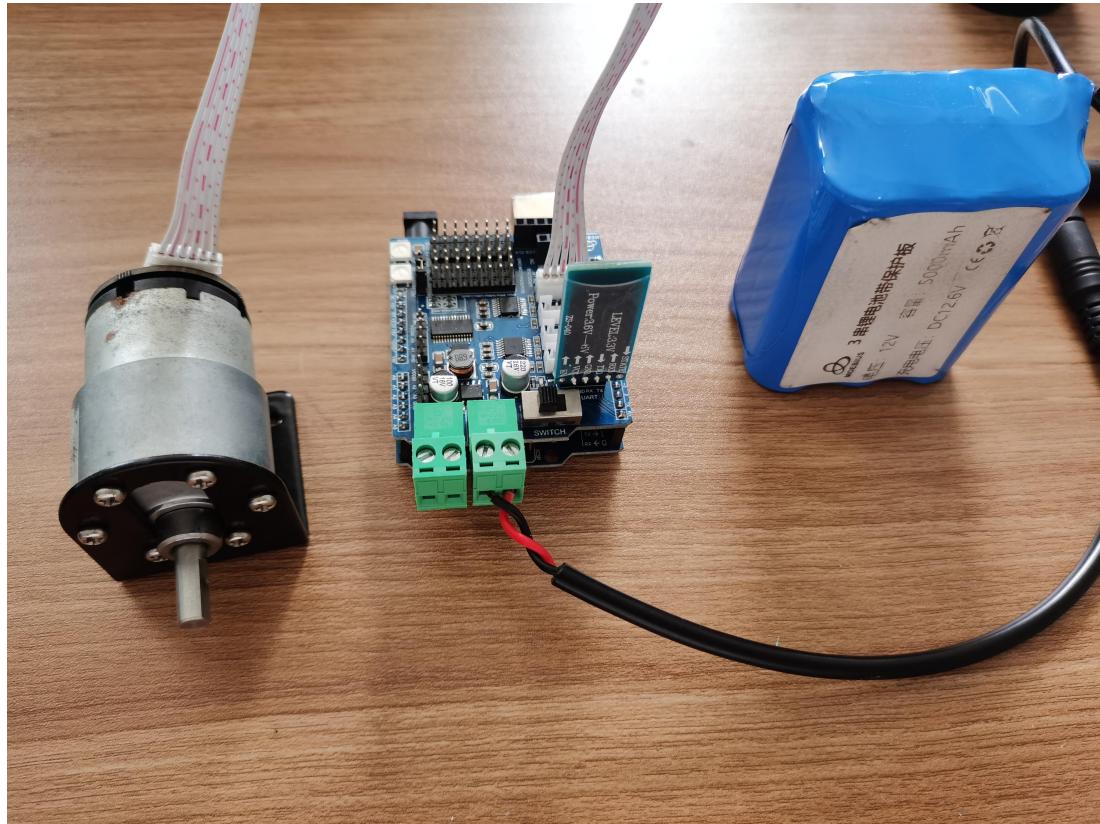
Push the right push rod, push left and right to achieve left and right in-situ rotation.

Push up or down the right push rod, while using the left push rod to push up and down can achieve acceleration and deceleration.

Product Quality Statement:

PS2 handle design is used in the field of games, for smart car remote control occasions may be unstable, the receiver is easy to damage and other problems.

two: Bluetooth remote control operation instructions



- 1.** Right the silk screen on the board, plug in the Bluetooth module, and turn on the power switch on the drive board. At this time, the Bluetooth light is flashing,
- 2.** Download our APP on Android phones,

Search for Bluetooth: Name "HC-06"

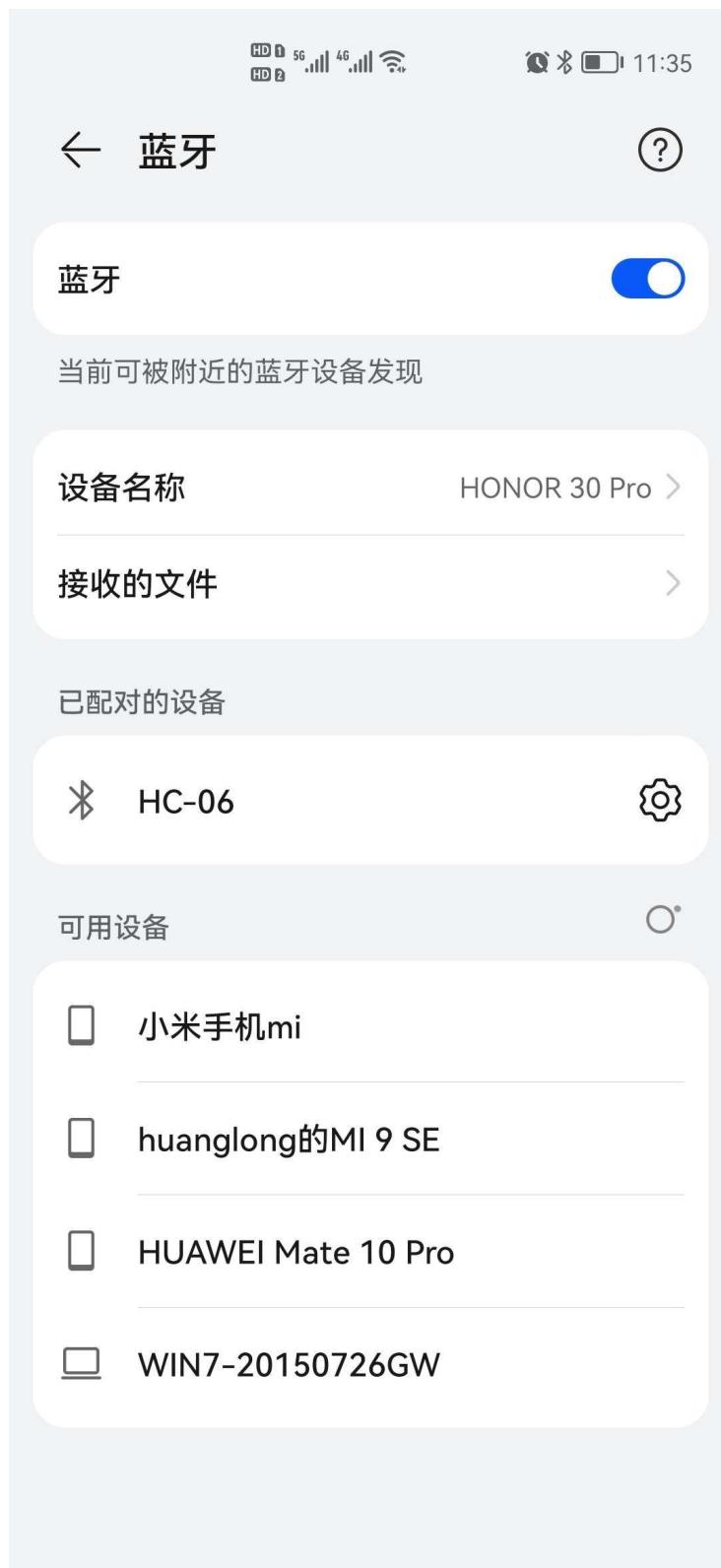


Click "HC-06", enter the password: 1234, and then click OK to

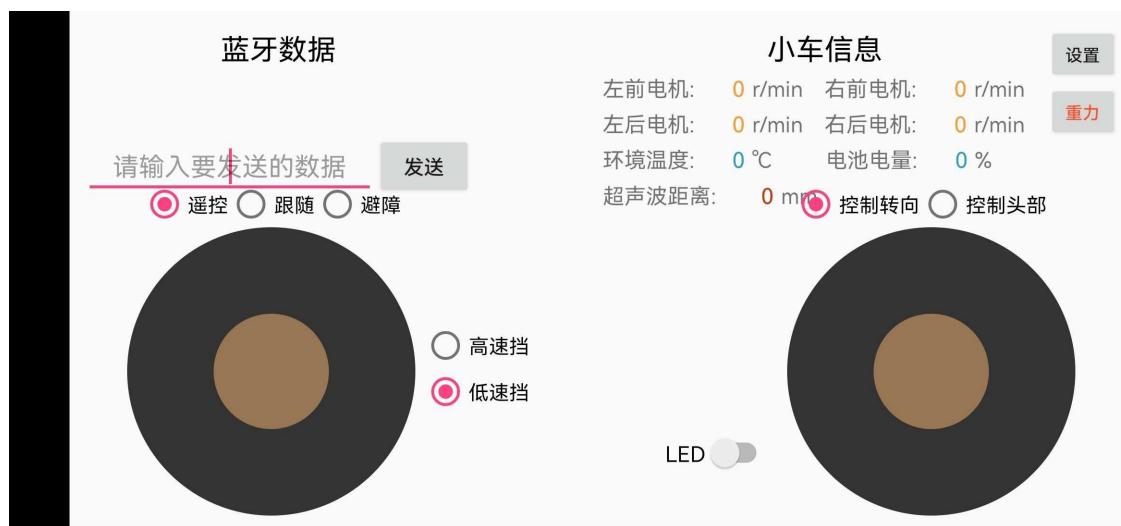


automatically pair

Pairing success



Open the APP and click the **settings** in the upper right corner.



Click the paired HC-06 (the Bluetooth light is always on at this time, that is, the pairing is successful), and automatically enter the operation page



Slide the button in the lower left corner, the car can run

