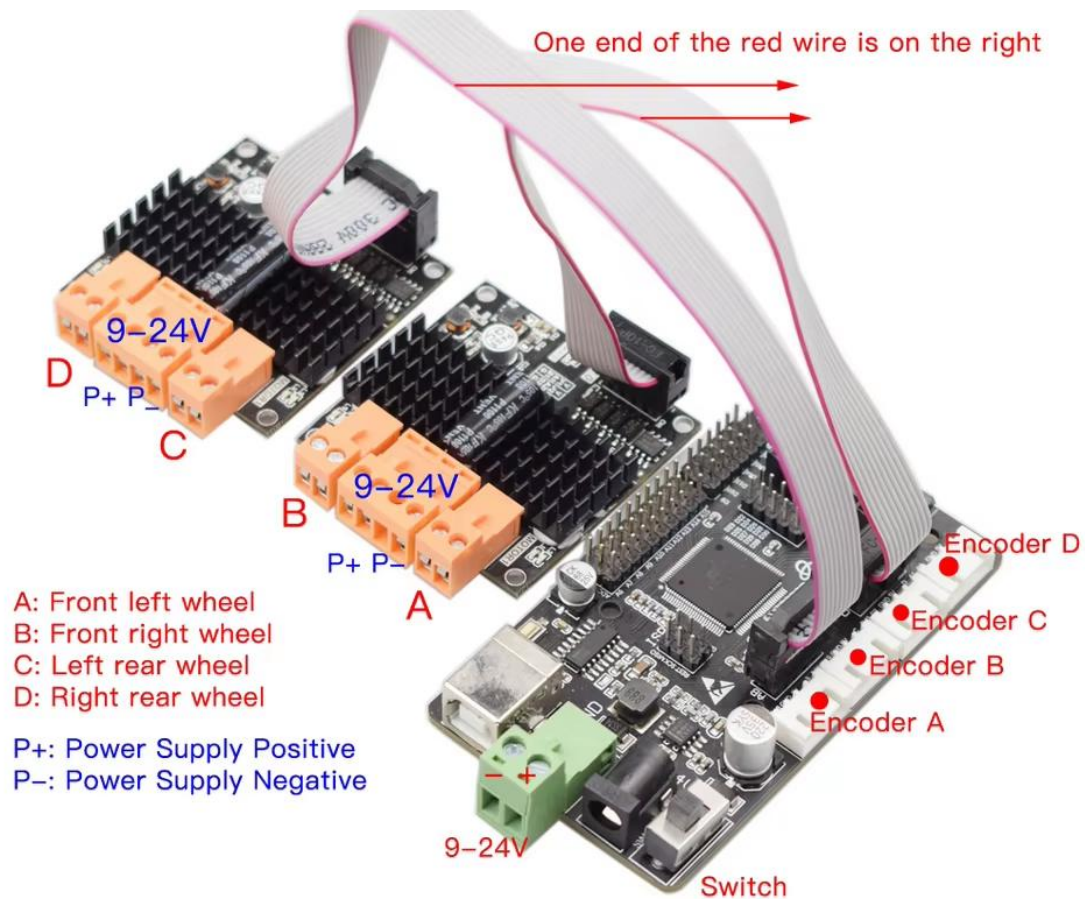
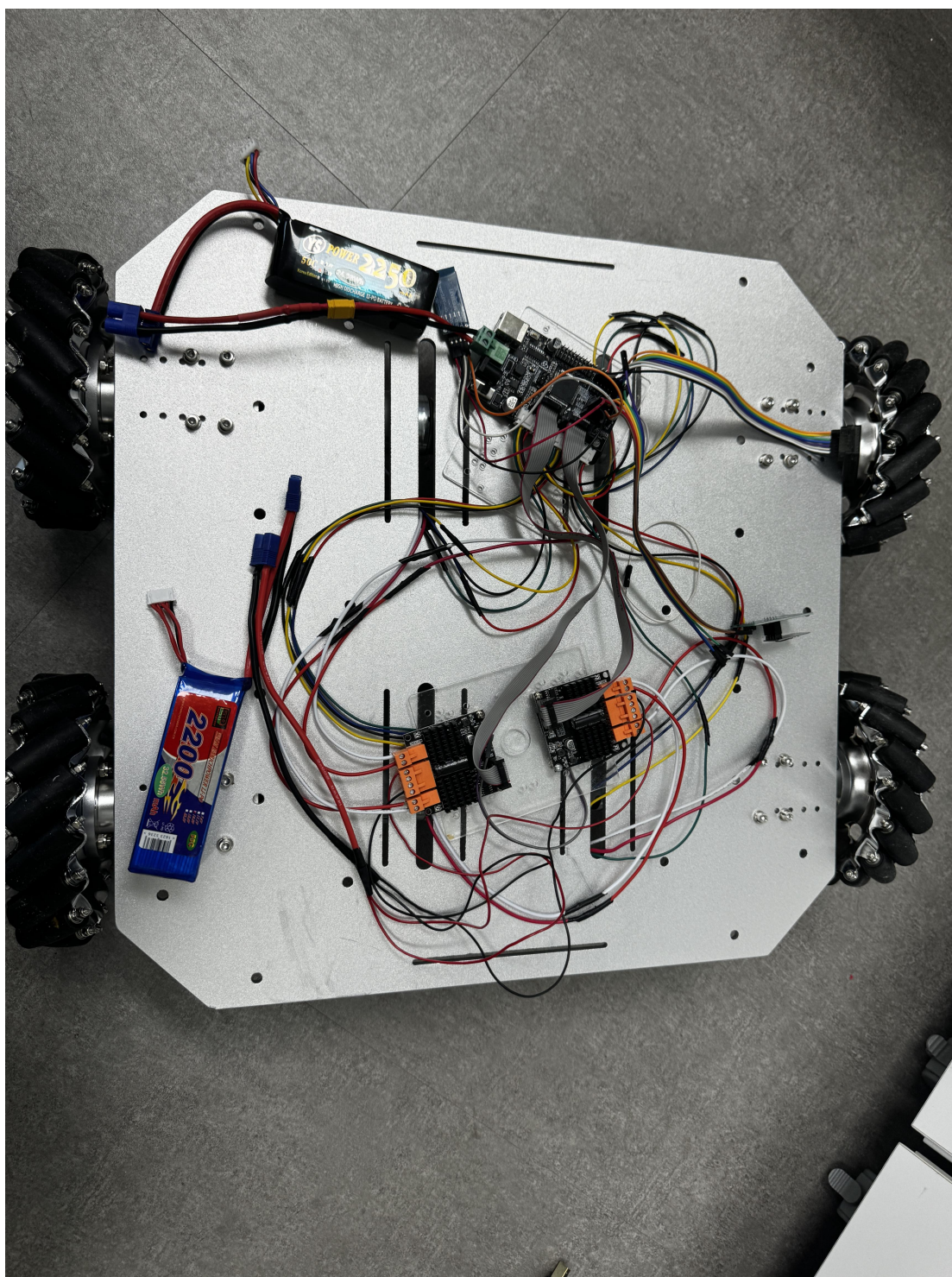


## Motor Encoder:

PIN1- M2	MOTOR POWER IN - (White wire)
PIN2- VCC	HALL SENSOR VCC. (Blue wire)
PIN3- C2	C2 HALL SENSOR B Vout (Green wire)
PIN4- C1	C1 HALL SENSOR A Vout (Yellow wire)
PIN5- GND	HALL SENSOR GND. (Black wire)
PIN6- M1	MOTOR POWER IN + (Red wire)

## Overall wiring:





**Bluetooth Module and MC6C handel are different control modes, they can't use together. Suggest using Bluetooth remote control first**



## 1. HC-06 Bluetooth Module connect:

APP link: <https://github.com/MoebiusTech/Bluetooth-APP> (only can use on Android phone)

Code: <https://github.com/MoebiusTech/MeBigDiv/blob/master/BT2560.ino>

```
BT2560.ino
// BT2560 | Arduino 1.8.10
// 中文 编程 环境 工具 帮助

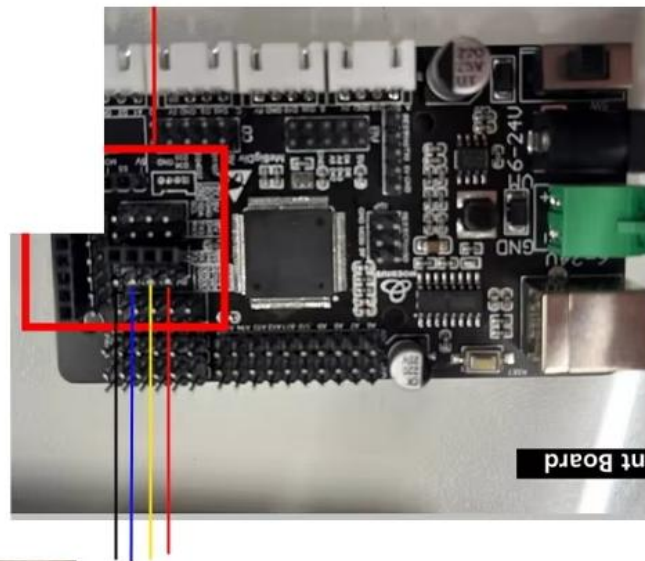
#define MOTORC_FORWARD(pwm) do(digitalWrite(DIR1,LOW); digitalWrite(DIR2,
#define MOTORC_STOP(x) do(digitalWrite(DIR1,LOW); digitalWrite(DIR2,
#define MOTORC_BACKOFF(pwm) do(digitalWrite(DIR1,HIGH); digitalWrite(DIR2,

#define MOTORD_FORWARD(pwm) do(digitalWrite(DIR1,LOW); digitalWrite(DIR2,
#define MOTORD_STOP(x) do(digitalWrite(DIR1,LOW); digitalWrite(DIR2,
#define MOTORD_BACKOFF(pwm) do(digitalWrite(DIR1,HIGH); digitalWrite(DIR2,

#define SERIAL_Serial12
#define LOG_DEBUG
#ifdef LOG_DEBUG
#ifdef LOG_DEBUG
#define M_LOG SERIAL.print
// #define M_LOG SERIAL.print
#else
#define M_LOG
#endif
#endif

#define MAX_PWM 200
#define MIN_PWM 130
int Motor_PWM = 150;
// 控制电机运动 宏定义
```

1 revise the code as the picture shows, then download BT2560.ino code

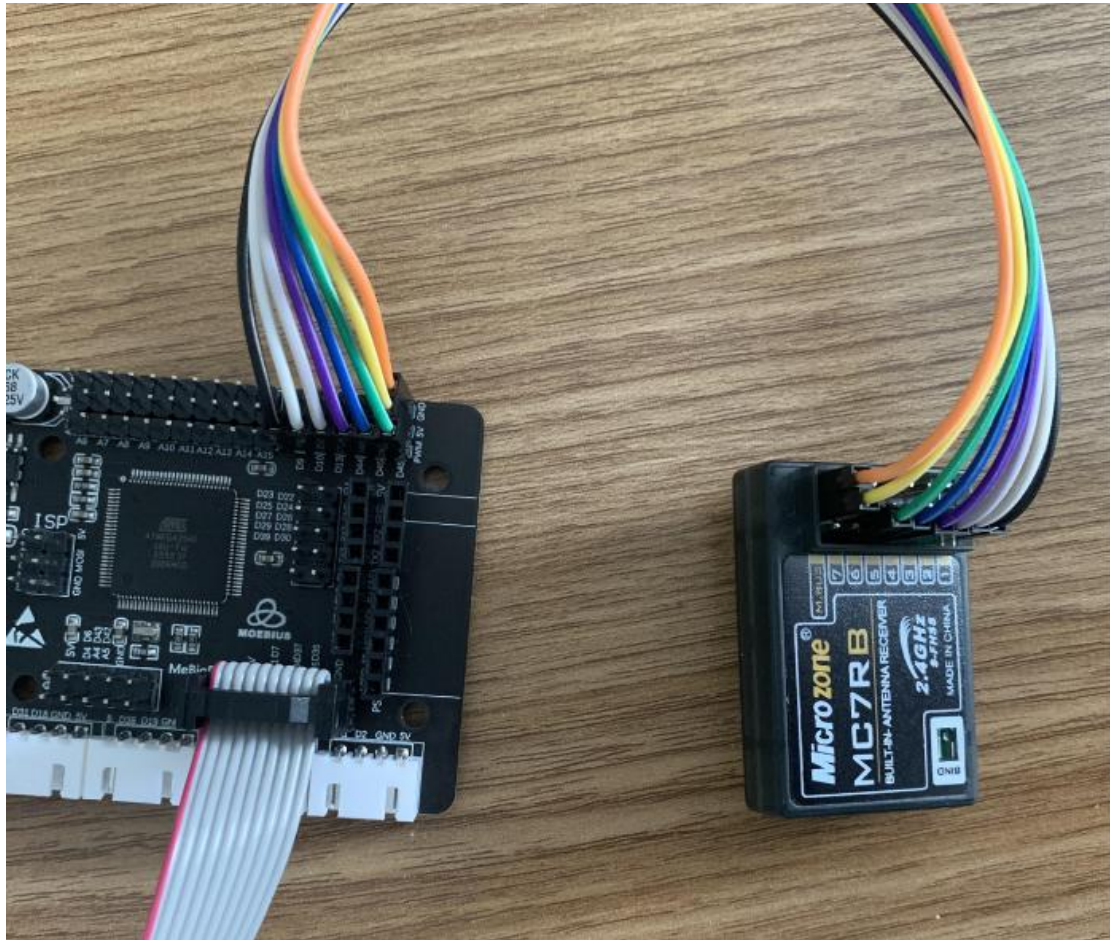


2. connect with the same color

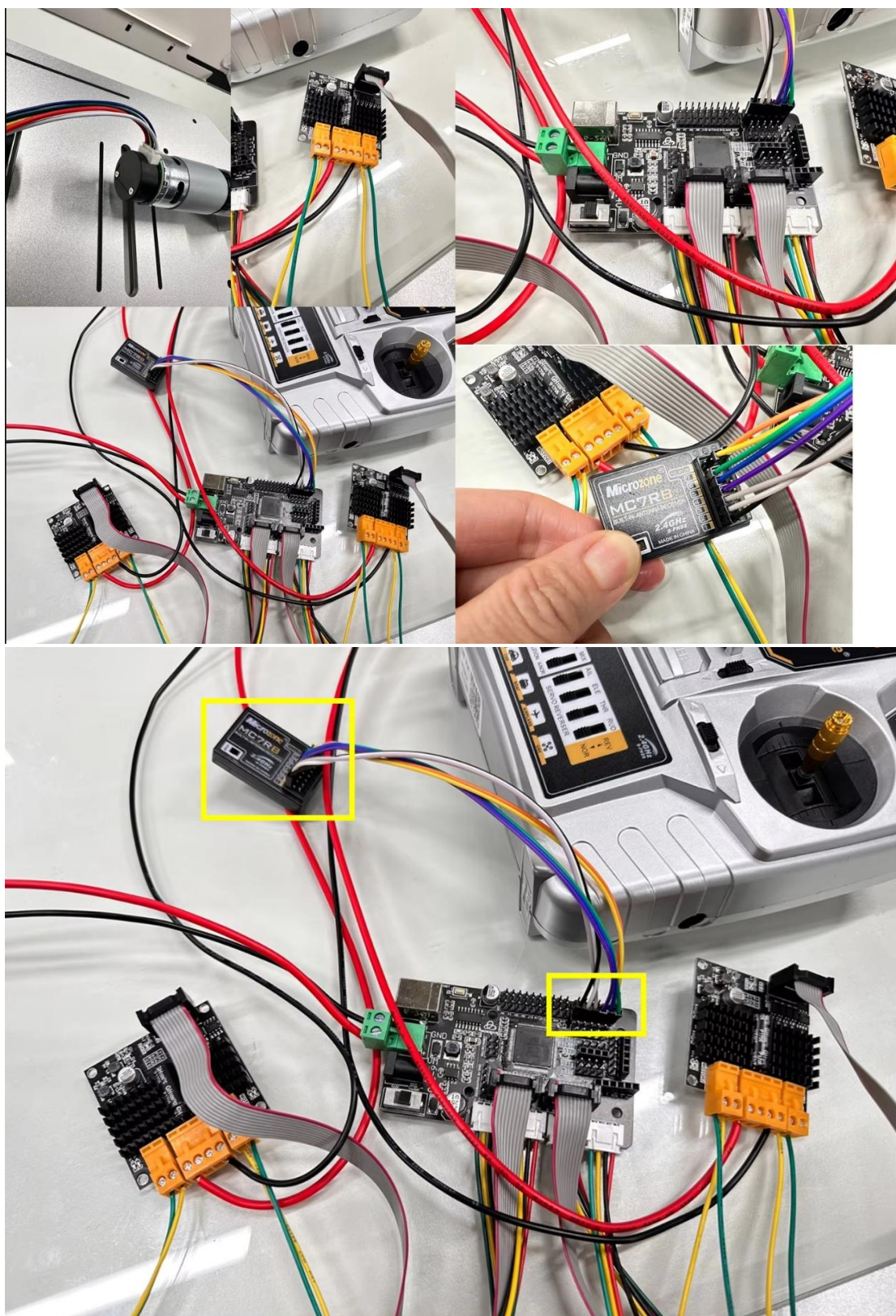
## 2.MC6C handel connect:

**Source code link:**

**[https://github.com/MoebiusTech/MeBigDiv/blob/master/Mecanum\\_mc6c\\_handle\\_4](https://github.com/MoebiusTech/MeBigDiv/blob/master/Mecanum_mc6c_handle_4)**  
**Drive.zip**







**This remote control method requires fine-tuning, please refer to the manual:**

**<https://github.com/MoebiusTech/MeBigDiv/blob/master/MC6C%20handle.pdf>**

**Other data link: <https://github.com/MoebiusTech/MeBigDiv>**