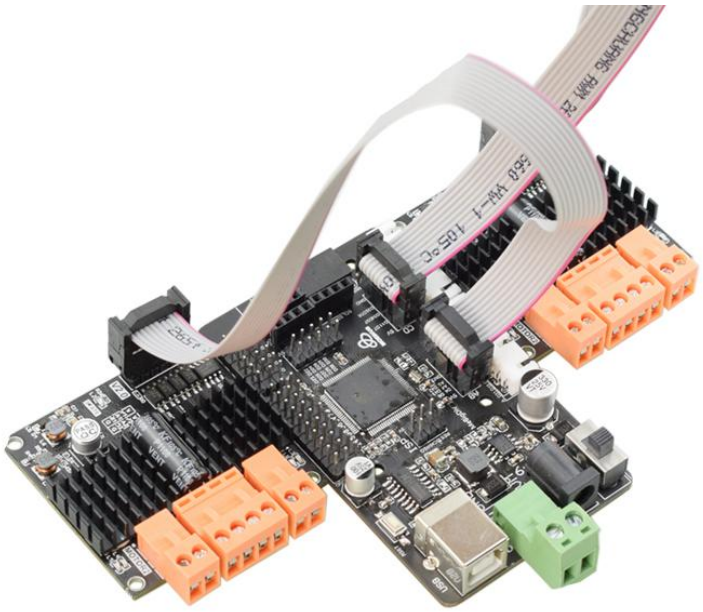
MC6C 航模遥控调试指南

MC6C Remote control debugging guide



Control distance:
more than 800 meters

黑色 MEGA 控制板和航模接线引脚如红色框所示

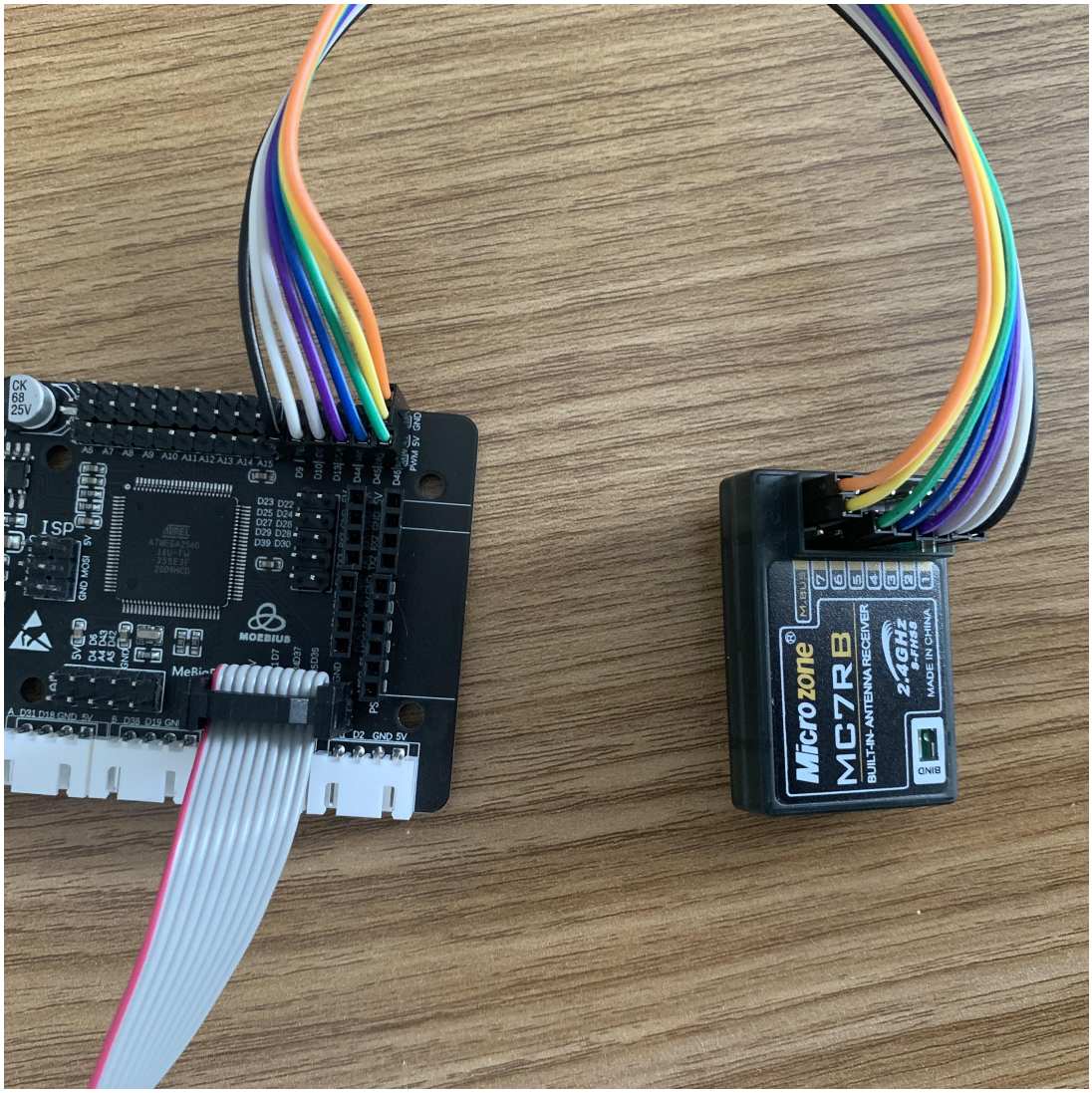
The black MEGA control board and MC6C handle wiring pins are shown in the red box

```
#include "MC6C_Control.hpp"

//MC6C_Control MC6C(4,6,7,10,11,13);
MC6C_Control MC6C(9,10,13,44,45,46);

#define PWMA 11     //12    //A电机转速
#define DIRA1 34
#define DIRA2 35  //A电机方向
#define PWMB 7   //8    //B电机转速
#define DIRB1 37
#define DIRB2 36  //B电机方向
#define PWMC 6  //9   //C电机转速
#define DIRC1 43
#define DIRC2 42  //C电机方向
#define PWMD 4   //5    //D电机转速
#define DIRD1 A4
#define DIRD2 A5  //D电机方向
```

使用杜邦线连接，参考接线如下图所示 Use DuPont wire connection, reference wiring as shown in the figure below



航模手柄背面放入 4 节 AA 电池，然后将黑色拨动开关打到下面,如图所示 Put 4pcs AA batteries on the back of the Mc6c handle, Then turn the black toggle switch to the bottom, as shown in the figure

将推杆回归中值如图所示 Return the putter to the median as shown in the figure

将侧面拨动开关上拨如图所示 Turn the side toggle switch up as shown in the figure：

开关位置调准好的航模手柄位置正视图 Front view of the MC6C handle with the switch position adjusted：

控制器及驱动接线说明

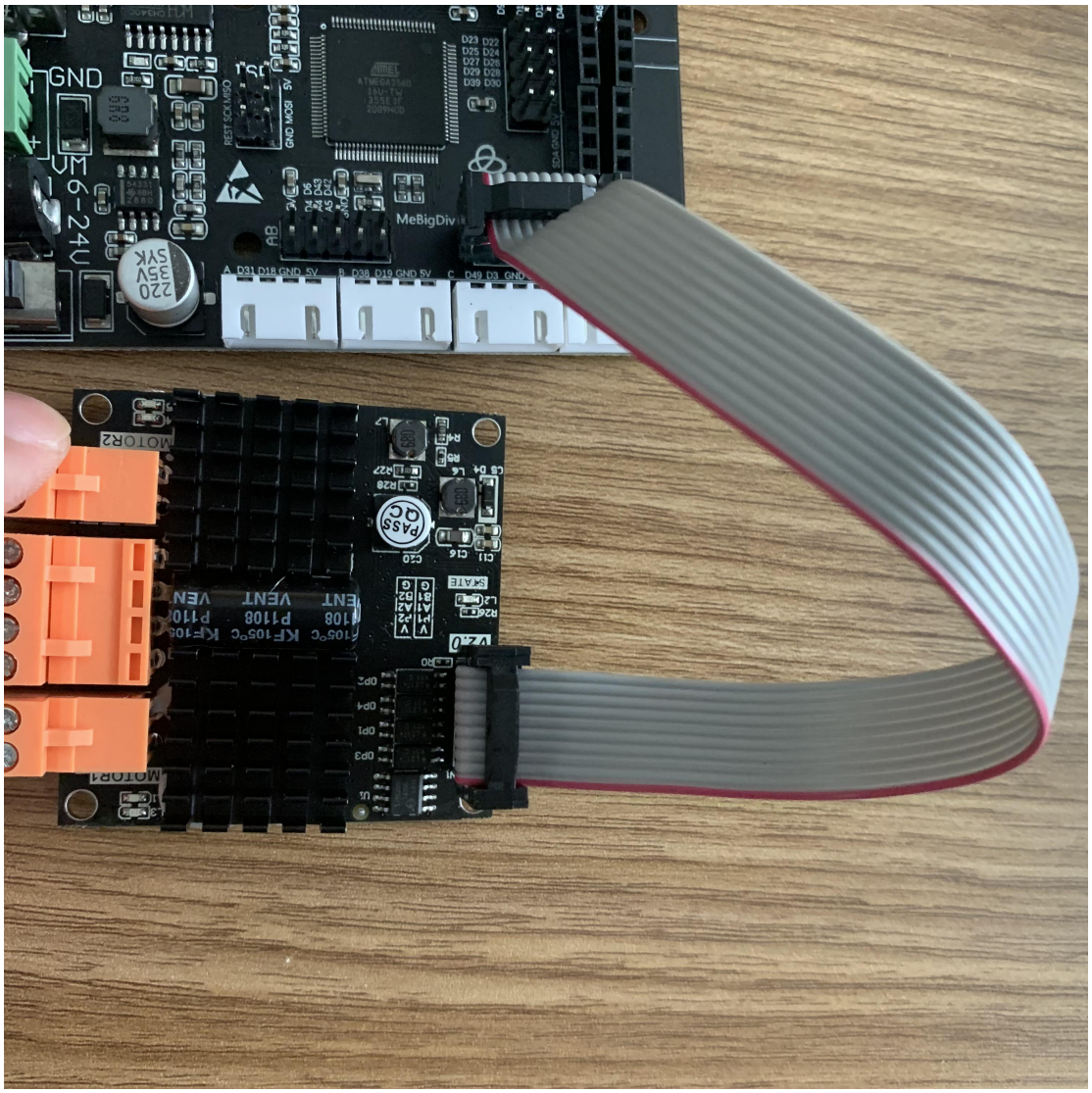
请严格按照图示说明接线使用接信号线

黑色驱动板和控制器信号接线图如图所示

Controller and drive wiring instructions

Please strictly follow the instructions in the figure to connect and use the signal wire

The black driver board and controller signal wiring diagram are shown in the figure:



注意：开始时先打开航模手柄开关然后打开控制器电源，关机时先关控制器电源最后关航模手柄电源开关。

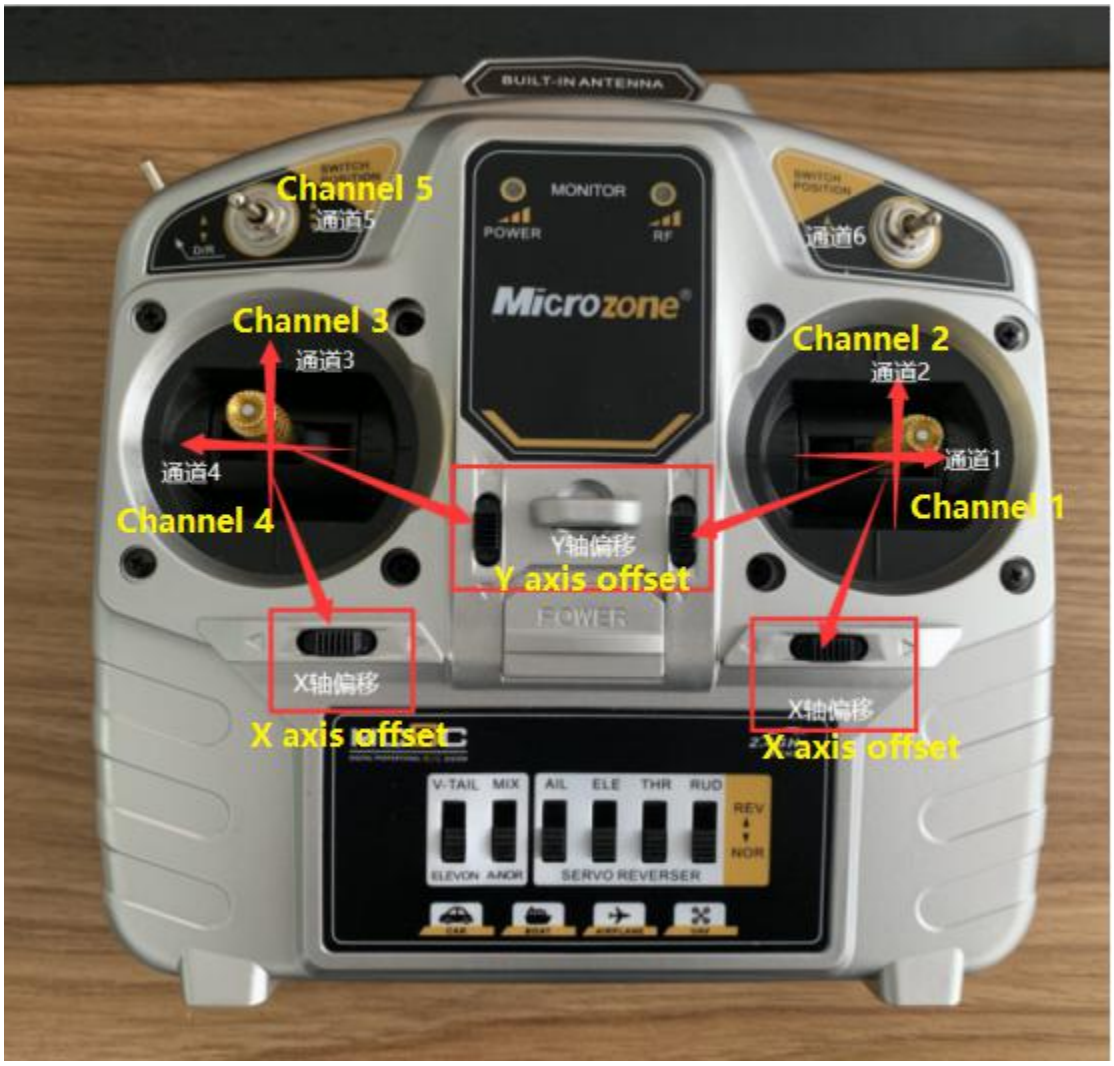
航模手柄开始参数并不在中值，我们需要手动调参数，将数据调试到手柄中值，

调参数需要使用到使用到航模手柄上面的微调开关（油门微调，升降舵微调，方向微调，副翼微调）当出现电机上电就乱动的情况就需要微调这四个微调开关，四个微调开关对应着摇杆的 XY 轴偏移，如果在没有推动摇杆的情况下，出现电机转动情况，可以按控制摇杆对应的微调开关，如果调节出现电机更快，那就要往反方向推动按键，直至电机平稳静止。

Note: At the beginning, turn on the aeromodelling handle switch and then power on the controller. When shutting down, turn off the controller power first and then turn off the aeromodelling handle power switch.

The starting parameters of the MC6C handle are not in the median value, we need to manually adjust the parameters to adjust the data to the median value of the handle,

To adjust the parameters, you need to use the fine-tuning switches (throttle fine-tuning, elevator fine-tuning, direction fine-tuning, aileron fine-tuning) on the aeromodelling handle. When there is a situation where the motor is turned on and off, you need to fine-tune these four fine-tuning switches and four fine-tuning switches. Corresponding to the XY axis offset of the joystick, if the motor rotates without pushing the joystick, you can press the fine-tuning switch corresponding to the control joystick. If the adjustment appears that the motor is faster, then push the button in the opposite direction , Until the motor comes to a steady standstill.


BUILT-IN ANTENNA
Channel 5
通道5
MONITOR
POWER
RF
通道6
Microzone
Channel 3
通道3
Channel 2
通道2
通道4
通道1
Channel 4
Channel 1
Y轴偏移
Y axis offset
X轴偏移
X axis offset
X轴偏移
X axis offset
V-TAIL MIX
AIL ELE THR RUD
REV
NOR
ELEVON AMOR
SERVO REVERSER