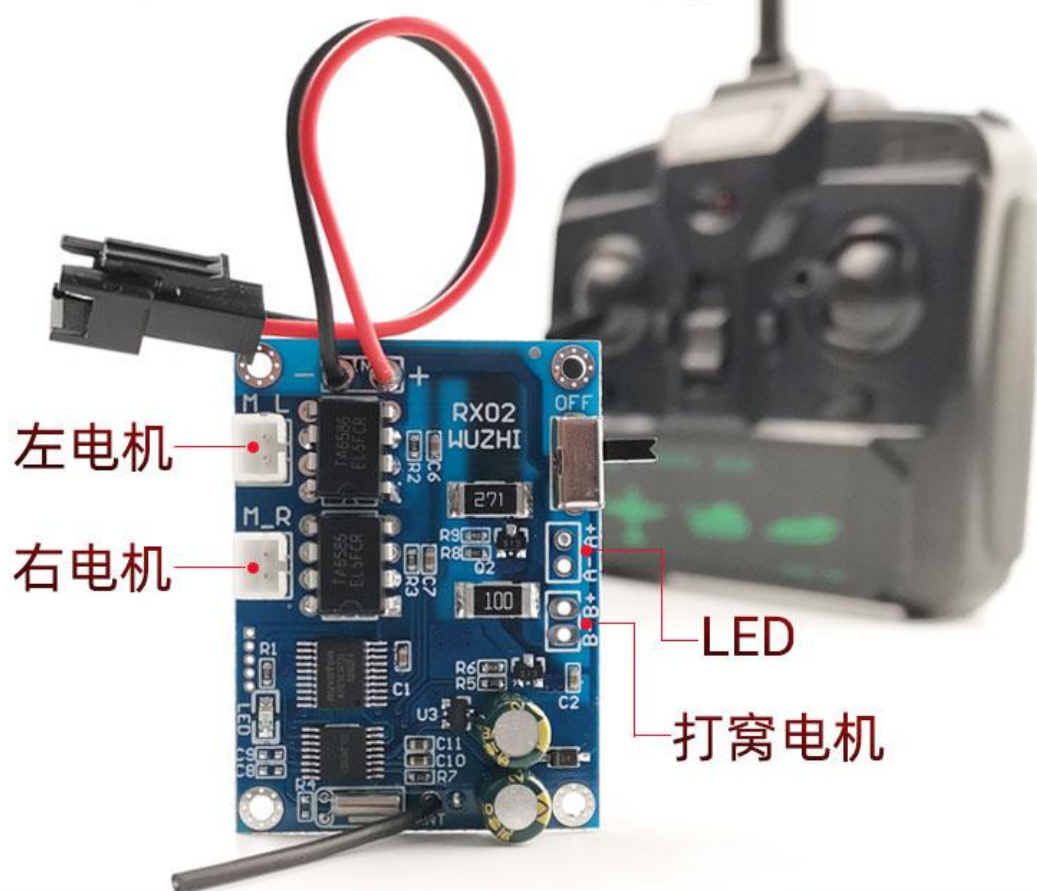


## TX02-RX02 打窝船遥控套装 500 米

### 打窝船500米遥控套装



大功率5A 远距离500米 坦克 差速车 打窝船

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# 1. 注意事项

1.1. 产品只包含遥控器+接收板（主板），客户需自己准备好电池、电机、船体，本店不卖电池、电机、船体。

电池推荐 7.4V 充电电池，电机推荐 390 电机，如果您的电机在 7.4V 电压下带负载电流超过 5A，需要换功率再小一些的电机，或者电池电压用低一些的，比如 3.7V、4.8V、6V 电池。

1.2. 适合做马达放在左右两侧的打窝船或者差速转弯的玩具（不能适用于舵机或者转向电机转弯的玩具！）

1.3. 接收板都经过出厂检验合格，由于需要客户自己适配电池和电机等，个人 DIY 的不稳定操作性，接收板不接受退换货和售后服务！

1.4.接收板只能和本店遥控器匹配，其他厂家遥控器不能兼容。遥控器也只能和本店产品配对，不能兼容其他厂家模型玩具。

1.5.无线发射信号强，使用时遥控器和控制板距离应大于 20cm，否则距离太近会因为无线信号达到饱和，出现遥控器和控制板不能连接。

# 2. 产品参数

2.1. 接收板适配电池——7.4V 锂电池组，7.2V 锂电池组。不要用于干电池，干电池电流输出能力差，会造成电机无法启动；最高耐压 14V。

2.2. 接收板适配电机——推荐 390 电机。接收板电机驱动器每路最大输出电流 5A 左右,可驱动负载电流在 4A 以内的中小型电机，电机堵转电流最好在 5A 以内。不可以驱动 380、550 等大功率电机，容易因负载电流过大烧毁控制板。由于电机种类和厂家众多，即使同类电机，驱动电流也是有区别的，并且供电电压、电池保护板、电机所

带负载、电机堵转电流等因素都会影响最终电流，所以在使用时最好实际测量一下电机参数再使用，不要因电机不匹配而烧毁控制板。

2.3.接收板 A 接口：可定制，默认接 LED 灯，限流电阻 270 欧姆。

2.4.接收板 B 接口：可定制，默认接打窝 130 电机（TT 马达），限流电阻 10 欧姆。

2.5. 遥控器——4 节 5 号电池。

2.6.遥控通道——4 个，左电机前后转，右电机前后转，LED 灯控制通道，打窝电机控制通道。（速度不可调节）

2.7.遥控距离——500 米。

2.8.遥控器功耗——25mA。

2.9.重量——接收板 14g，遥控器 172g，包装盒 64g

2.10.包装尺寸——200mm\*160mm\*77mm



总重 (g)	包装盒 (g)	遥控器 (g)	控制板 (g)
250.3	64.3	172	14

### 3. 接收板接线图



### 4. 遥控器功能介绍



## 5. 使用方法

5.1. 遥控器装入 4 节 5 号电池，打开开关上电，指示灯闪烁。

5.2. 接收板插入电池，打开开关上电，自动与遥控器对码，对码成功指示灯由闪烁变为常亮。先打开遥控器或先打开接收板都可以自动对码。（使用时接收板与遥控器距离大于 20cm）

5.3. 左手柄为左电机前进、后退方向控制，右手柄为右电机前进、后退方向控制；方向手柄一侧的两个按键为电机速度加减微调按键。

## 6. 常见问题

**6.1. 遥控器插入电池，遥控器灯不亮。**

答：电池有正负极插反的；或电池没有电了。

**6.2. 接收板插入电池，指示灯不亮。**

答：开关未打开；电池没有电了；电池接口与接收器接口正负极线序相反了；

**6.3. 接收板与遥控器无法对码，指示灯一直闪亮。**

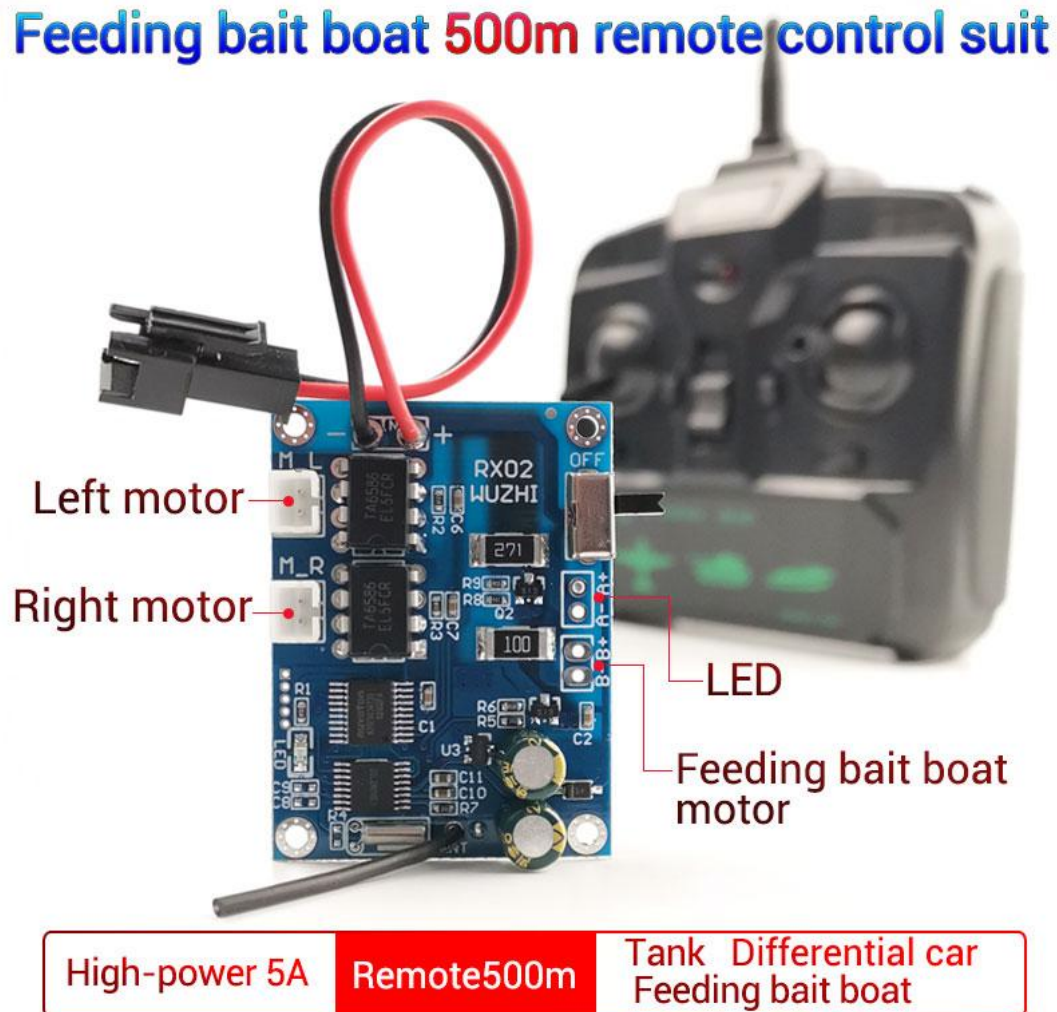
答：遥控器与接收板距离太近，导致无线信号饱和。

**6.4. 推动任一手柄，接收板指示灯灭一下，电机不能转动或者只能带动一个电机。**

答：接收板电池没有电，或者电池不能输出大电流带动不了电机，请不要用干电池或过期电池。

# TX02-RX02 Feeding boat remote control set 500m

Feeding bait boat 500m remote control suit



## Catalogue

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# 1. Matters needing attention

1.1. The product only includes a remote control + receiving board (motherboard). Customers need to prepare their own batteries, motors, and hull. Our store does not sell batteries, motors, and hull.

The recommended battery is a 7.4V rechargeable battery, and the recommended motor is a 390 motor. If your motor has a load current exceeding 5A at 7.4V, you need to replace it with a smaller motor or use a lower battery voltage, such as 3.7V, 4.8V, or 6V batteries.

1. 2. Suitable for bait boats with motors on the left and right sides or toys for differential turning (not suitable for toys with steering gear or steering motor turning!)

1.3. The receiving board has passed the factory inspection. Due to the need for customers to adapt the battery and motor, etc., the unstable operation of personal DIY, the receiving board does not accept returns and after-sales service! Mind those with caution, thank you!

1.4. The receiving board can only be matched with our remote control, other manufacturers' remote control is not compatible. The remote control can only be paired with our products, not compatible with other manufacturers' model toys.

1.5. The wireless transmitting signal is strong, the distance between the remote control and the control board should be greater than 20cm when using, otherwise the distance is too close, because the wireless signal reaches saturation, and the remote control and the control board cannot be connected.

## 2. Product parameters

2.1. Receiving board adaptable battery-7.4V lithium battery pack, 7.2V lithium battery pack. Do not use dry batteries. The poor current output capability of dry batteries will cause the motor to fail to start; the maximum withstand voltage is 14V.

2.2. Receiving board adaptable motor-The receiving board motor driver has a maximum output current of about 5A and can drive

small and medium-sized motors with a load current of 4A or less. It is not possible to drive high-power motors such as 380 and 550, and it is easy to burn the control board due to excessive load current. Because there are many types of motors and manufacturers, even similar motors have different driving currents, and factors such as power supply voltage, battery protection board, motor load, and motor stall current will affect the final current. Use the motor parameters again, do not burn the control board due to the motor mismatch.

2.3. A interface of the receiving board: can be customized, the default is connected to LED lights, current limiting resistor 270 ohms.

2.4. Receiving board B interface: can be customized. By default, it is connected to 130 motors with a current limiting resistance of 10 ohms.

2.5. Remote control-4 AA batteries.

2.6. Remote control channels-4, left motor rotates forward and backward, right motor rotates forward and backward, LED light control channel, nesting motor control channel. (Speed cannot be adjusted)

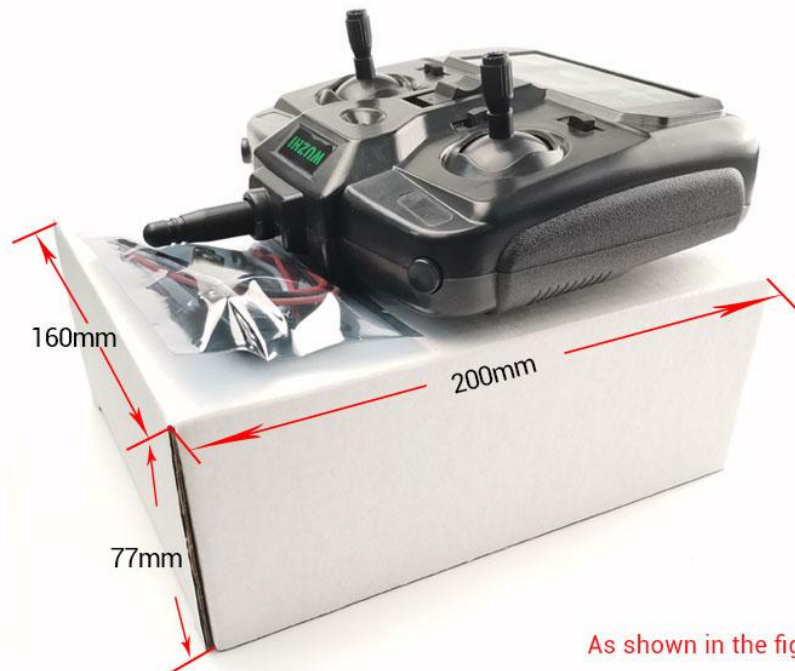
2.7. Remote control distance-500 meters.

2.8. Power consumption of remote control-25mA.

2.9. Weight-receiving board 14g, remote control 172g, box 64g

2.10. Packing size-200mm \* 160mm \* 77mm

## Size and weight

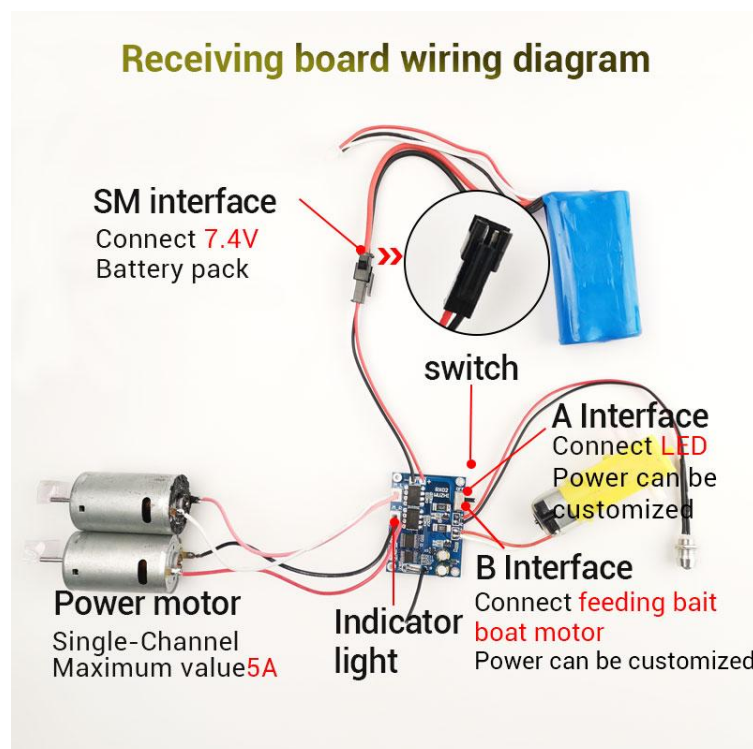


As shown in the figure

Packing box specification 200mm\*160mm\*77mm

Gross weight (g)	Packing box (g)	Remote control (g)	Control panel (g)
250.3	64.3	172	14

## 3. Receiving board wiring diagram



## 4. Remote control function



## 5. Usage method

5.1. Install 4 AA batteries in the remote control, turn on the switch and power on, the indicator light flashes

5.2. Insert the battery into the receiving board, turn on the switch to power on, and automatically pair with the remote control. The remote control or the receiving board can be opened for automatic code matching. (The distance between the receiving board and the remote control is greater than 20cm when in use)

5.3. The left handle is the left motor forward and backward direction control, the right handle is the right motor forward and backward direction control; the two buttons on the side of the direction handle are the motor speed plus and minus fine adjustment buttons.

## **6. Frequently asked questions**

**6.1. Insert the battery in the remote control, the remote control light is off.**

**Answer:** The battery has positive and negative plugs; or the battery is dead.

**6.2. The receiving board inserts the battery, the indicator light is off.**

**Answer:** The switch is not turned on; the battery is dead; the positive and negative wire sequence of the battery interface and the receiver interface are reversed;

**6.3. The receiver board and remote control cannot be coded, the indicator light is always flashing.**

**Answer:** The distance between the remote control and the receiving board is too close, which causes the wireless signal to be saturated.

**6.4. Push any handle, the indicator light on the receiving board goes out, the motor cannot rotate or can only drive one motor.**

**Answer:** The battery of the receiving board is out of power, or the battery cannot output a large current to drive the motor. Do not use dry or expired batteries.