

感谢购买Radiomaster ER5C-i ELRS接收机。ER5C-i接收机基于高性能革命性的ExpressLRS系统，高可靠性，高度灵活的配置，极快的反应速度，超远的接收距离，给您带来全新的使用体验。

Thank you for purchasing the Radiomaster ER5C-i ELRS receiver. The ER5C-i receiver is based on the revolutionary ExpressLRS system. It offers high performance, high reliability, flexible configuration, fast response speed and ultra-long range bringing you brand new experience with your hobby.

注意：

- 1: 外置电池电压采集接口最大输入电压为35V,过高电压会造成接收机永久性损坏。
- 2: 外置电池电压采集接入电池的正极（焊接到电调的正极）。请务必确认不能在未接入BEC的情况下，单独接入外置电压。
- 3: 电压显示误差，需要在遥控器的TELEMETRY菜单里调节RxBt的Ratio和Offset.

Important:

- 1:The maximum input voltage of the external battery voltage acquisition interface is 35V. Too high a voltage may cause permanent damage to the receiver.
- 2:External battery voltage collection is connected to the positive electrode of the battery (welded to the positive electrode of the electric modulation). Make sure that you do not connect the external voltage without connecting the BEC.
- 3:Voltage display error: Adjust RxBt Ratio and Offset in TELEMETRY menu of remote control.

产品特性

供电：DC 4.5 - 8.4V
天线类型：内置高灵敏度陶瓷天线
无线协议：预装ExpressLRS 3.3.0
输出通道：5CH PWM
回传功率：10mw
电池电压检测范围：DC 4.0 - 35V
重量：5.0克
尺寸：30.0 * 18.5 * 13.0 毫米

Receiver Specifications

Product Features:
Power supply: DC 4.5 - 8.4V
Antenna type: Built-in high-sensitivity ceramic antenna
Wireless protocol: ExpressLRS 3.3.0 pre-installed
Output channel: 5CH PWM
Telemetry power: 10mw
Battery voltage detection range: DC 4.0 - 35V
Weight: 5.0 grams
Dimensions: 30.0*18.5*13.0mm

固件选择：

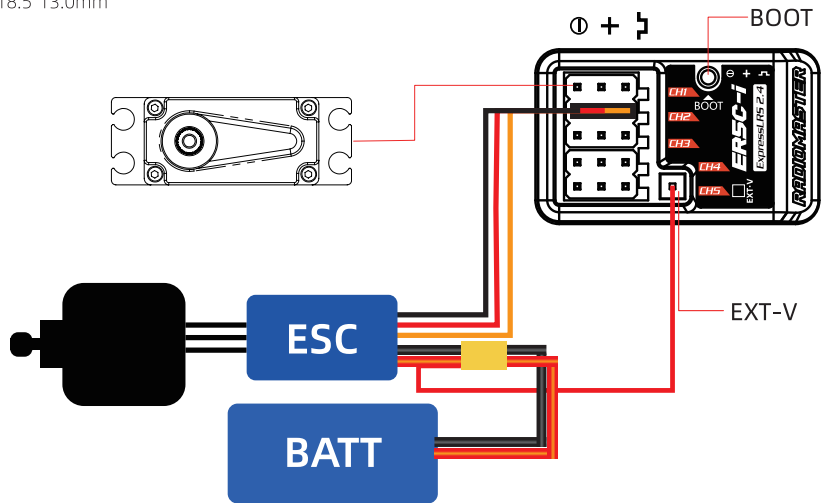
设备类别：Radiomaster 2.4Ghz
设备：Radiomaster ER5C-i

Firmware:

Device Category: Radiomaster 2.4Ghz
Device: Radiomaster ER5C-i

Radiomaster ER5C-i ELRS 接收机，可以同时驱动5个舵机。集成了接收机电压检测，动力电池电压检测，并实现两种电压检测自动切换。采用内置天线设计，适合船模，车模

The Radiomaster ER5C-i ELRS receiver can drive five steering engines simultaneously. Integrated receiver voltage detection, power battery voltage detection, and realize the automatic switching of two voltage detection. With built-in antenna design, suitable for ship model, car model.



对频方法（传统方式）：

- 1.当您第一次打开接收机时，接收机LED灯会连续双闪。这表明接收机处于对频模式中。如果不是这样，请按住接收机按钮10秒钟来重置接收机。
- 2.打开遥控器上的ExpressLRS LUA，选择[BIND]，然后确认。
- 3.对频成功 指示灯常亮，表示对频成功。

```
RM Zorro 0/100 |C
> VTX Administrator
> MiFi Connectivity
> Backpack
> [BLE Joystick]
> [Bind]
3.2.0 ISM2G4 8dE388
> Other Devices
```

Binding method (Traditional):

1. The first time you power on your receiver, the LED will double blink. This indicates that the receiver is in bind mode. If this is not the case, hold down the boot button for 10 seconds to reset the receiver.
2. Open the ExpressLRS LUA on your remote controller and select [BIND], then confirm.
3. A successful bind is indicated by the light being a steady on, indicating that frequency binding was successful.

```
RM Zorro 0/100 |C
> VTX Administrator
> MiFi Connectivity
> Backpack
> [BLE Joystick]
> [Bind]
3.2.0 ISM2G4 8dE388
> Other Devices
```

注意：要第二次对频接收机或对频到另一个无线电，请重新启动接收机3次（重复上电三次）。在第三次上电后，接收机LED灯将双闪表示对频模式。如果使用3次上电方法无法成功进入对频模式，可以按住接收机按钮10秒将接收机重置为对频模式，或者使用下面的短语对频方法。

警告：使用重置按钮时，接收机中所有先前的设置都将被删除，需要重新设置。

对频方法（对频短语方式Binding phrase）

1. 打开ExpressLRS LUA脚本并导航到WiFi连接页面。选择启用WiFi选项，并通过手机、平板电脑或个人电脑连接到您的ExpressLRS发射机WiFi（参见下面的TX WiFi说明）。打开WebUI网页（ExpressLRS的默认网页地址为：<http://10.0.0.1/>），并输入一个独特的属于您自己的对频短语，保存并重新启动。
2. 打开接收机，等待60秒，LED迅速闪烁以指示WiFi模式。将您的手机、平板电脑或个人电脑连接到接收机WiFi（参见下面的TX WiFi说明）。打开WebUI网页（ExpressLRS的默认网页地址为：<http://10.0.0.1/>），并输入与发射机中一致的对频短语，保存并重新启动。一旦发射机和接收机有相同的对频短语时，它们将自动连接而无需对频。

发射机WiFi: WiFi默认网络名称: ExprsLRS TX WiFi默认密码: expresslrs 默认URL: http://10.0.0.1/ (在浏览器中打开)	接收机WiFi: WiFi默认网络名称: ExprsLRS RX WiFi默认密码: expresslrs 默认URL: http://10.0.0.1/ (在浏览器中打开)
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注意：To bind the receiver a second time or to another radio, power cycle the receiver 3 times. On the third power cycle, the LED will double blink indicating bind mode. If you cannot successfully enter bind mode with the 3 power cycle method, you can hold down the boot button for 10 seconds to reset the receiver to bind mode or use the passphrase method below. Note Bind phrases are not secret and can be read. Save and Reboot.

WARNING: All previous settings in the receiver will be erased and need to be set again when using the reset button.

Binding method (Passphrase).

1. Open the ExpressLRS LUA and navigate to the Wifi Connectivity page. Select the Enable Wifi option and connect to your radios wifi with a mobile phone, tablet or PC (See TX Wifi notes below). Open the WebUI (Express LRS web page on <http://10.0.0.1/>) and choose a unique bind phrase. Note Bind phrases are not secret and can be read. Save and Reboot.
2. Power up the receiver and wait 60 seconds for the LED to blink rapidly to indicate Wifi mode. Connect your phone, tablet or PC to the receivers Wifi (See TX Wifi notes below). Open the WebUI (Express LRS web page on <http://10.0.0.1/>) and enter the matching bind phrase previously entered on your radio. Note Bind phrases are not secret and can be read. Save and Reboot. Once a radio and a receiver have the same bind phrase set they will automatically bind.

TX Wifi notes: WiFi default network name: ExpressLRS TX WiFi default password: expresslrs Default URL: http://10.0.0.1/ (Open in browser)	RX Wifi notes: WiFi default network name: ExpressLRS RX WiFi default password: expresslrs Default URL: http://10.0.0.1/ (Open in browser)
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