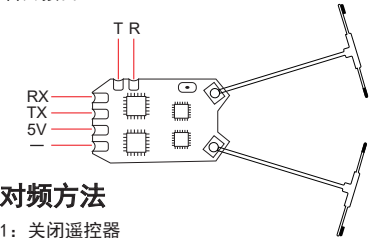


产品特性

频段类型: ISM  
MCU: ESP32  
射频芯片: SX1281 x 2  
回传功率: 最大 100mw x 2  
天线: 65mm 2.4GHz T型天线 x 2  
频率范围: 2402.4-2479.4MHz  
最高刷新率: 500Hz / F1000Hz  
最低刷新率: 25Hz  
工作电压: DC4.5-12.4V  
重量: 1.4克 (包含两个T型天线)  
尺寸: 22毫米\*13毫米\*4毫米  
固件版本: 预装 ExpressLRS v3.3.1  
固件目录: RadioMaster RP4-TD 2400 RX  
总线接口: CRSF  
备用接口: UART



对频方法

- 1: 关闭遥控器
- 2: 重复给接收机上电三次, 接收机灯双闪, 表明接收机处于对频模式
- 3: 开启遥控器, 进入ExpressLRS的LUA操作界面, 选择到【BIND】, 确认
- 4: 接收机灯常亮表明对频成功

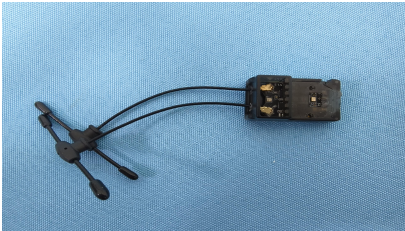
Traditional Binding

For traditional binding, the binding phrase must be commented out in user\_defines on the RX.

- 1: Power off your transmitter
- 2: Plug in and unplug your receiver three times
- 3: Make sure the LED is doing a quick double blink, which indicates the receiver is in bind mode
- 4: Use the [BIND] button on the ExpressLRS Lua script, which sends out a binding pulse
- 5: If the receiver has a solid light, it's bound!

Product Features

Type: ISM  
MCU: ESP32  
RF Chip: SX1281 x 2  
Telemetry RF power: max 100mw x 2  
Antenna: 65mm 2.4GHz T Antenna x 2  
Frequency Range: 2402.4-2479.4MHz  
Maximum receive refresh rate: 500Hz / F1000Hz  
Minimum receiver refresh rate: 25Hz  
Working voltage: DC4.5-12.4V  
Weight: 1.4g (Including two antenna)  
Dimension: 22mm\*13mm\*4mm  
Firmware Version: ExpressLRS v3.3.1 pre-installed  
FW Target: RadioMaster RP3 Diversity 2400 RX  
Bus interface: CRSF  
Backup Interface: UART



	灯状态 Status light	工作状态 Meaning
接收机断开 Receiver disconnected	500毫秒的周期慢闪 Slow flash (500ms)	等待连接遥控器 Waiting for transmitter
对频模式 Bind mode	双闪 Double flash	接收机进入对频模式 Receiver in bind mode
模式匹配失败 Mode matching failed	三闪 Triple flash	接收机连接正常, 但是工作模式不匹配 Receiver functional, mode selection error
连接状态 Receiver connected	常亮 Solid	接收机正常工作 Receiver functional

For more information, please visit the ELRS website:

更多操作细节, 请参考ELRS官方网站: <https://www.expresslrs.org>

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.  
FCC ID: 2BBP3-RP4TD



This product complies with the radio interference requirements of the European Community.

Product name: RP4TD

Product model: RP4TD

Applicant: Shenzhen Radiomaster Co.,Ltd

Address: 4F Yangtian Building, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China

Frequency Range: 2402.4 - 2479.4MHz

Max. output Power: ANT1:19.17dBm ; ANT2:18.59dBm

**SIMPLIFIED EU DECLARATION OF CONFORMITY**

The simplified EU declaration of conformity referred to in Article 10(9) shall be

provided as follows:

Hereby, Shenzhen Radiomaster Co.,Ltd declares that radio equipment type RP4TD is in compliance with Directive 2014/53/EU. This product can be used across EU member states.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**Agents:**

eVatmaster Consulting GmbH

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