

### SPECIFICATIONS

- Item: XR4 Gemini Xrossband Dual-Band Receiver
- MCU: ESP32D4
- RF Chip: LR1121 x 2
- RF connector: IPEX-1 X 2
- Antenna: Dual-Band T Antenna x 2 (Included)
- Frequency Range: 2.4GHz / Sub-G 900MHz
- Maximum receive refresh rate: DK500Hz / K1000Hz
- Minimum receiver refresh rate: 50Hz
- Working voltage: DC 5.0 - 12.6v
- Weight: 1.7g (without antenna)
- Dimension: 22mm \* 18mm \* 4mm
- Firmware Version: ExpressLRS v3.5.1 pre-installed
- Bus interface 1: CRSF
- Bus interface 2: UART

### INCLUDES

- 1 \* XR4 Gemini Xrossband Dual-Band Receiver
- 2 \* Dual-Band T-Antenna
- 1 \* CRSF Wire
- 3 \* Heat-Shrinkable Tube
- 1 \* Manual Card

### DEFAULT FIRMWARE

RadioMaster XR4 2.4/900 Gemini RX  
For more information, please visit the ELRS website:  
<https://www.expresslrs.org/2.0/>

### CONFIGURATION

Identifier	Configuration/MSP	Serial RX
USB VCP	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>

Open **Betaflight** Configurator, go to **Ports** tab and enable the corresponding UART as a Serial RX (e.g. UART2 as shown above) **Save** and **Restart**.

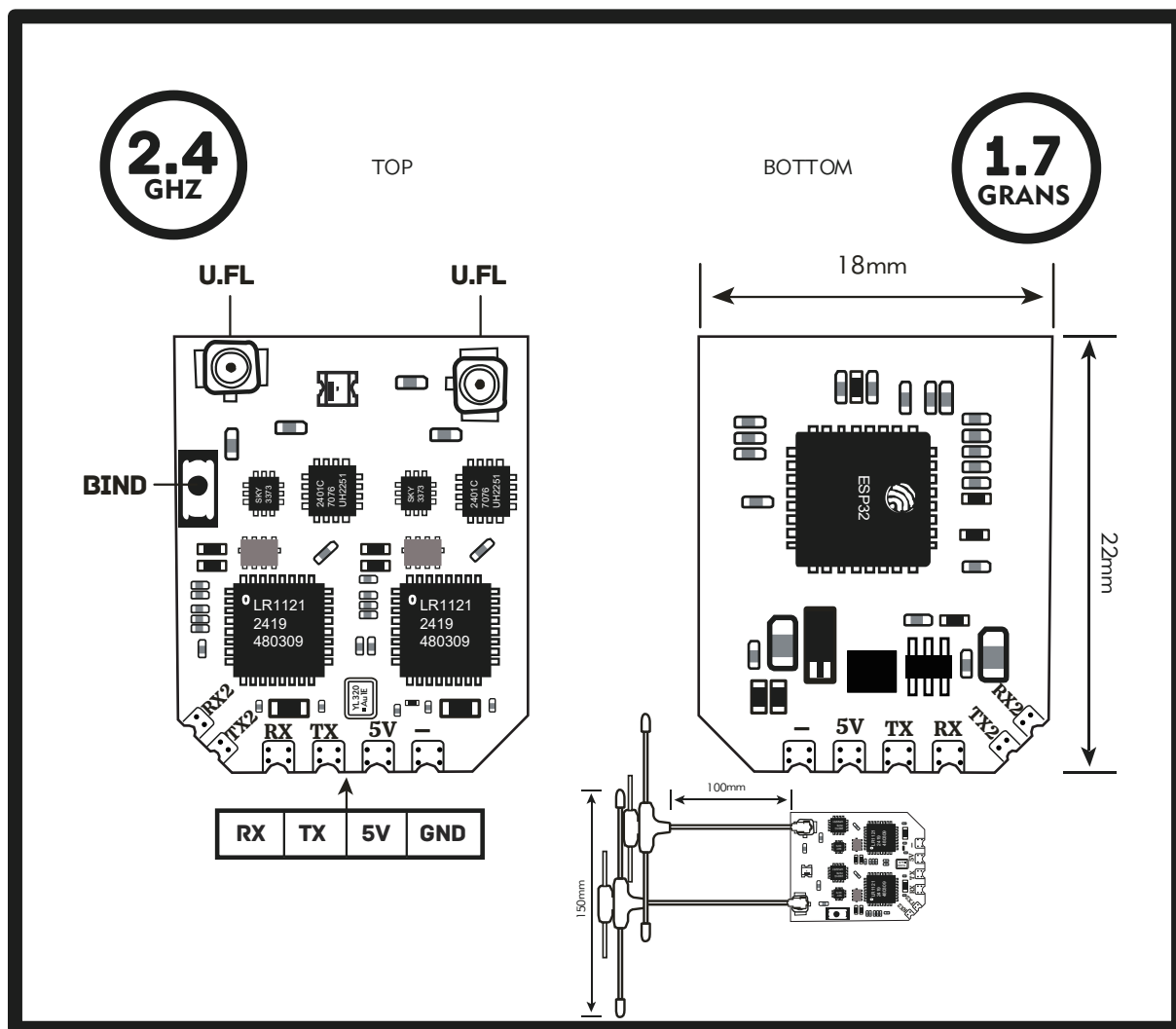


On the **Configuration** tab, click on **Serial-based receiver** on the **Receiver** panel, and select **CRSF**.

### TRADITIONAL BINDING

Binding Phrase field must be uncommented in **Device options** on the RX.

1. Power **OFF** your transmitter/radio.
2. Plug in and unplug your receiver **3 times**.
3. Make sure the LED is doing a quick **double blink**, which indicates the receiver is in bind mode.
4. Power **ON** your transmitter/radio and 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!



### 规格参数

- 名称: XR4 Gemini-X ExpressLRS 双频接收机
- MCU: ESP32D4
- 射频芯片: LR1121 x 2
- 射频连接器: IPEX-1 X 2
- 天线: 双频 T 型天线 x 2 (包含)
- 频率范围: 2.4GHz / Sub-G 900MHz
- 最大接收刷新率: DK500Hz / K1000Hz
- 最小接收刷新率: 50Hz
- 工作电压: DC 5.0 - 12.6V
- 重量: 1.7g (不含天线)
- 尺寸: 22mm \* 18mm \* 4mm
- 固件版本: ExpressLRS v3.5.1 已预装
- 总线接口 1: CRSF
- 总线接口 2: UART

### 包装清单

- 1 \* XR4 Gemini-X ExpressLRS 双频接收机
- 2 \* 双频 T 型天线
- 1 \* CRSF 线
- 3 \* 热缩管
- 1 \* 服务卡

### 固件下载

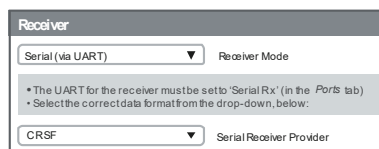
RadioMaster XR4 2.4/900 Gemini RX

For more information, please visit the ELRS website:  
<https://www.expresslrs.org/2.0/>

### 设置

Identifier	Configuration/MSP	Serial RX
USB VCP	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>

打开Betaflight Configuration, 转到Ports端口选项卡并启用相应的UART作为Serial RX (例如, 如上所示的UART2) 保存并重新启动。



在Configuration选项卡上, 单击Receiver面板上的Serial-based receiver, 并选择CRSF。

### 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】按键确认
- 4: 接收机灯常亮表明对频成功