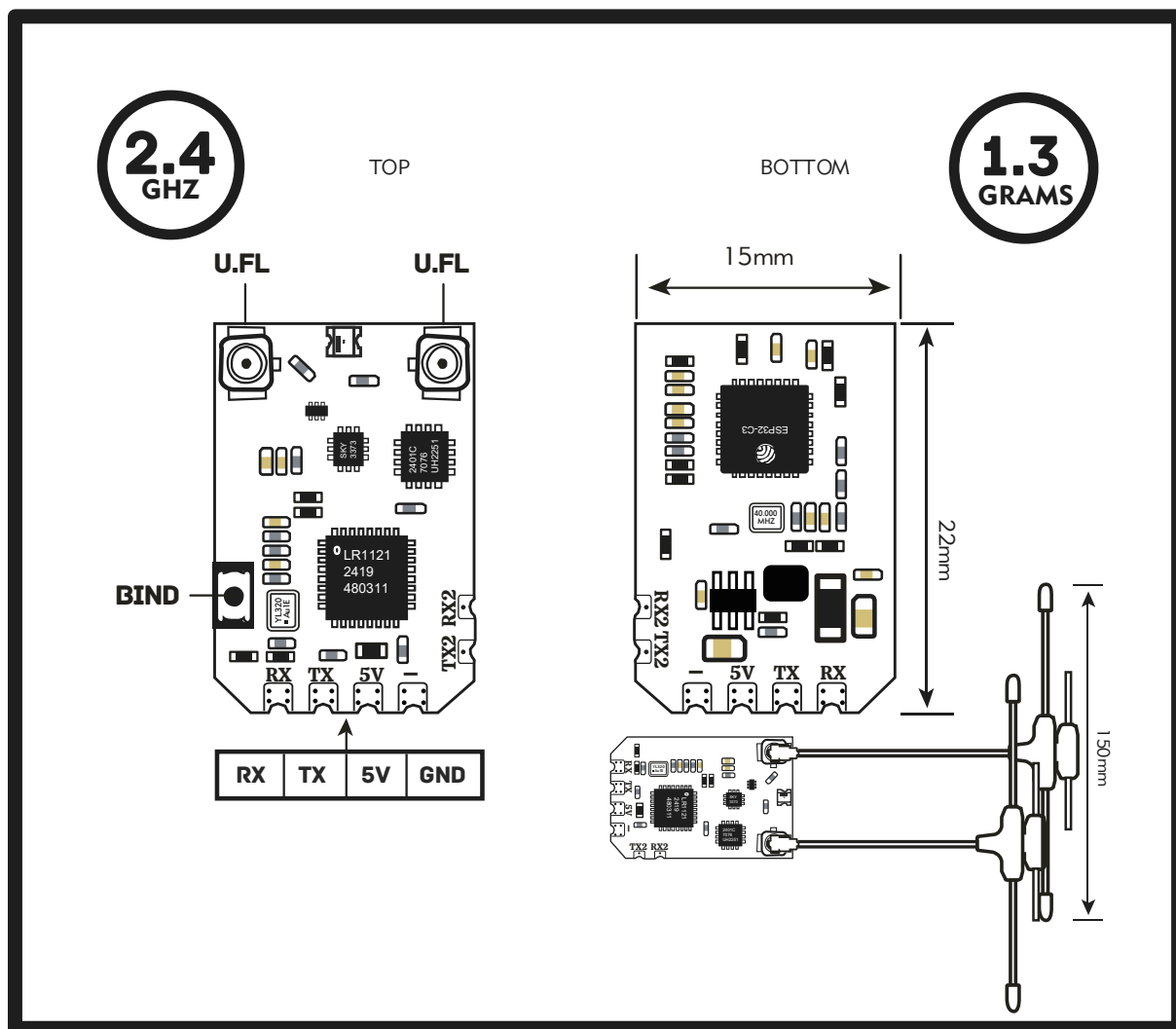




SPECIFICATIONS

- Item: XR3 Nano Multi-Frequency Antenna Diversity ExpressLRS Receiver
- Type: ISM2.4, FCC915
- MCU: ESP32C3
- RF Chip: LR1121
- RF connector: IPEX-1 X 2
- Antenna: 2x T-Antenna (Either 2.4GHz, 900Mhz or Dual-band depending on selected package)
- Frequency Range: 2.4GHz / Sub-G 900MHz [ISM 2.4GHz / FCC915]
- Maximum receive refresh rate: DK500Hz / K1000Hz
- Minimum receiver refresh rate: 25Hz
- Working voltage: DC 5.0 - 12.6v
- Weight: 1.3g (without antenna)
- Dimension: 22mm * 15mm * 4mm
- Firmware Version: ExpressLRS v3.5.1 pre-installed
- Bus interface 1: CRSF
- Bus interface 2: UART

INCLUDES

- 1 * XR3 Nano Multi-Frequency Antenna Diversity ExpressLRS Receiver
- 2 * T Antenna (Either 2.4GHz, 900Mhz or Dual-band depending on selected package)
- 1 * CRSF Wire
- 3 * Heat-Shrinkable Tube
- 1 * Manual Card

DEFAULT FIRMWARE

RadioMaster XR3 2.4/900 Diversity RX
For more information, please visit the ELRS website:
<https://www.expresslrs.org/2.0/>

CONFIGURATION

Identifier	Configuration/MSP	Serial RX
USB VCP	☐ 115200 ▼	☐
UART1	☐ 115200 ▼	☐
UART2	☐ 115200 ▼	☒

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**.

Receiver

Serial (via UART) ▼

Receiver Mode

* The UART for the receiver must be set to 'Serial Rx' (in the Ports tab)

* Select the correct data format from the drop-down, below:

CRSF ▼

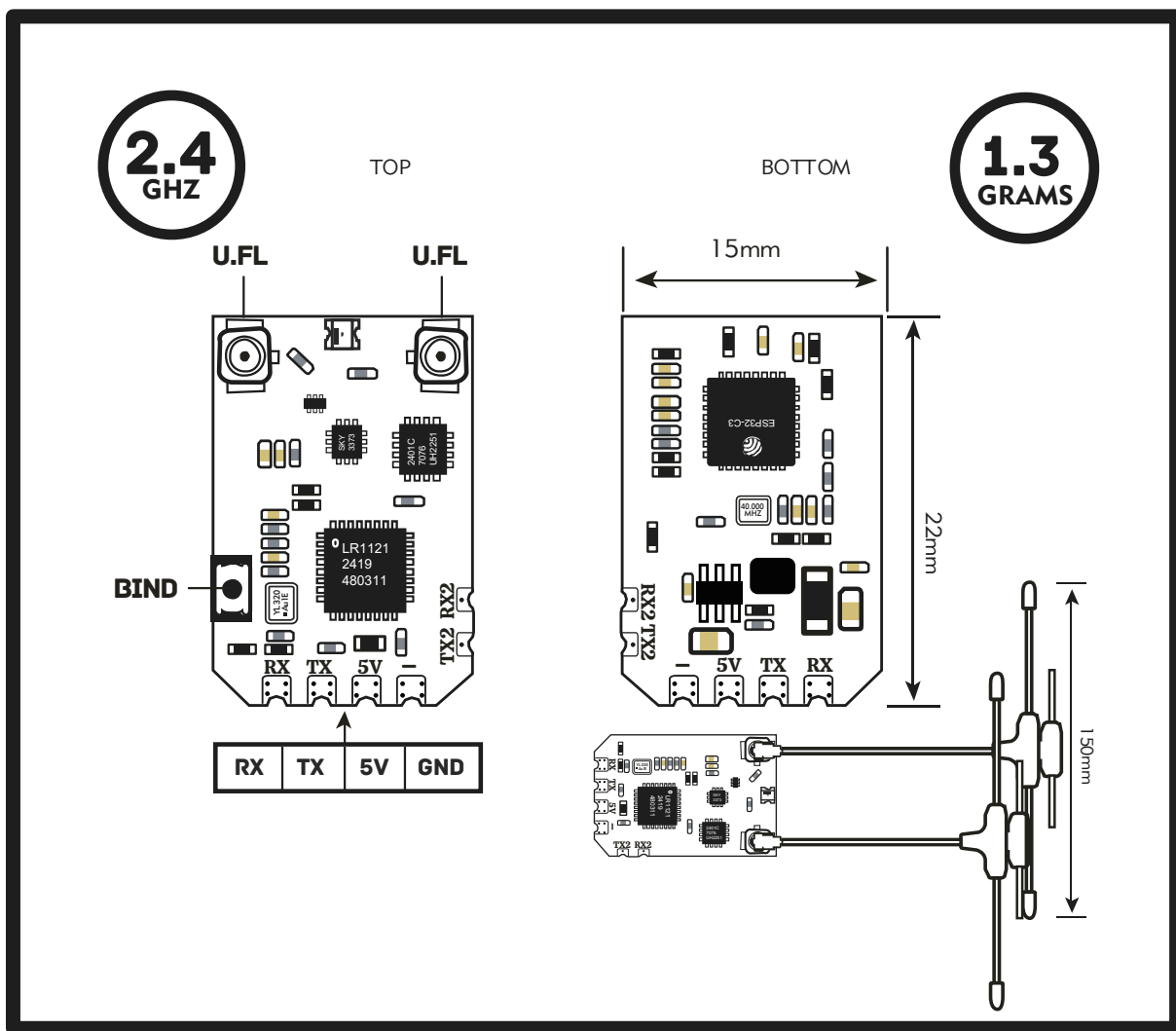
Serial Receiver Provider

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: XR3 ExpressLRS 单路双频接收机
- 类型: ISM2.4 或 FCC915
- MCU: ESP32C3
- 射频芯片: LR1121
- 射频连接器: IPEX-1 X 2
- 天线: 2 x T 型天线 (根据所选包装的不同, 可能为 2.4GHz、900MHz 或双频天线)
- 频率范围: 2.4GHz / Sub-G 900MHz [ISM 2.4GHz / FCC915 / EU868]
- 最大接收刷新率: DK500Hz / K1000Hz
- 最小接收刷新率: 25Hz
- 工作电压: DC 5.0 - 12.6V
- 重量: 1.3g (不含天线)
- 尺寸: 22mm * 15mm * 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 * XR3 ExpressLRS 单路双频接收机
- 2 * T型天线 (根据选购的版本对应配置 2.4GHz/900MHz/双频天线)
- 1 * CRSF 线材
- 3 * 热缩管
- 1 * 服务卡

固件下载

RadioMaster XR3 2.4/900 Diversity RX

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

设置

Identifier	Configuration/MSP	Serial RX
USB VCP	☒ 115200 ▼	☐
UART1	☐ 115200 ▼	☐
UART2	☐ 115200 ▼	☒

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。

Receiver

Serial (via UART) ▼

Receiver Mode

* The UART for the receiver must be set to 'Serial Rx' (in the Ports tab)

* Select the correct data format from the drop-down, below:

CRSF ▼

Serial Receiver Provider

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

对频方法

- 关闭遥控器
- 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
- 开启遥控器, 进入ExpressLRS的LUA操作界面, 选择到【BIND】按键确认
- 接收机灯常亮表明对频成功