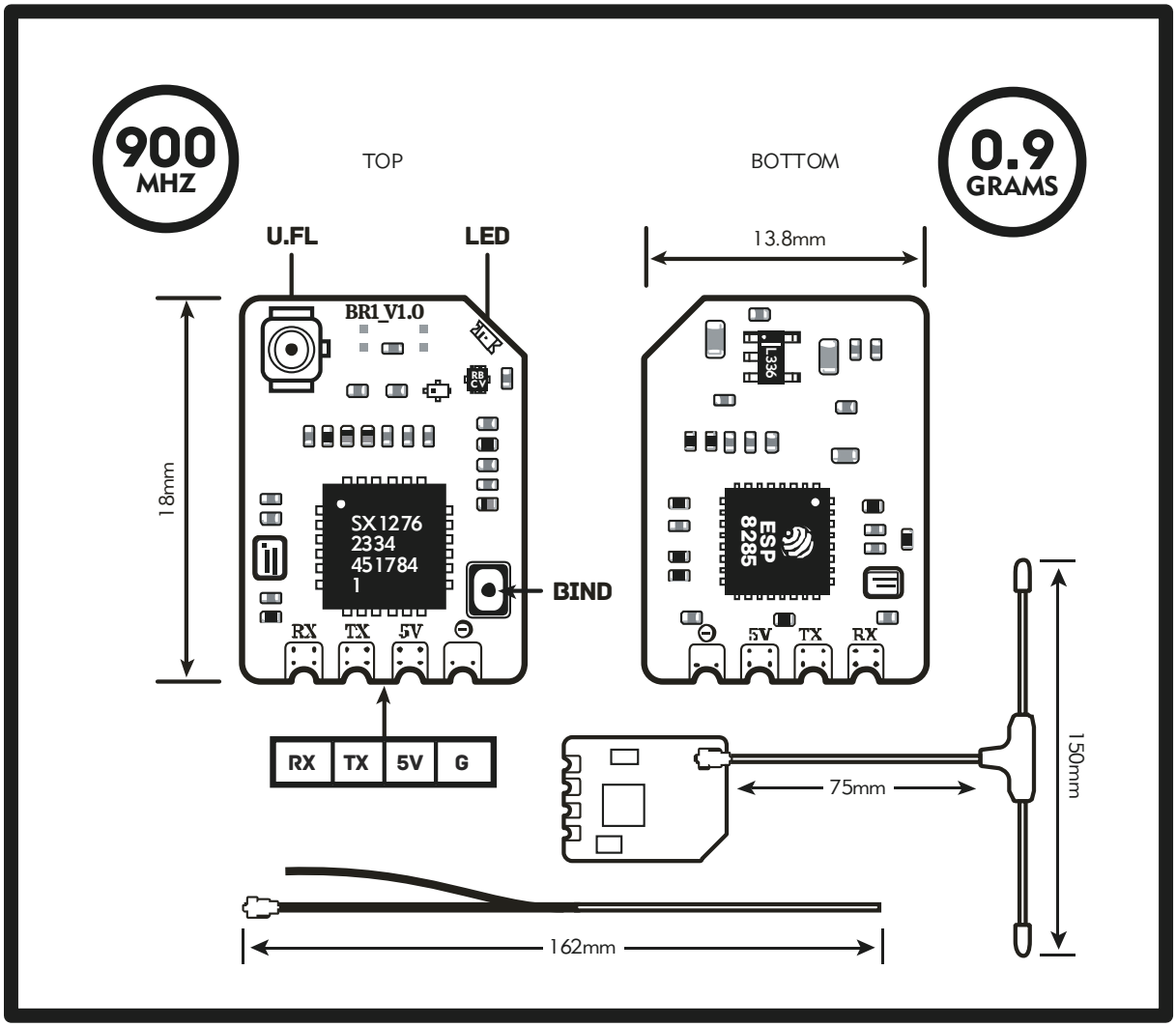
BR1 Receiver User Manual



SPECIFICATIONS

•Type:	868MHz / 915MHz
•Size:	18*13.8*3mm
•Weight:	0.9g (w/o antenna)
•MCU:	ESP8285
•RF Chip:	SX1276
•Refresh rate:	25Hz ~200Hz
•Input Voltage:	5V
•Antenna Connector:	U.FL
•Receiver protocol:	CRSF
•Telemetry Power:	max. 500mw
• Firmware (pre-installed):	ExpressLRS v3.0

INCLUDES

1x BR1 ELRS 900MHz Receiver
1x 75mm U.FL 900MHz T/Y Antenna
1x User Manual Card
4x Silicone wires

DEFAULT FIRMWARE

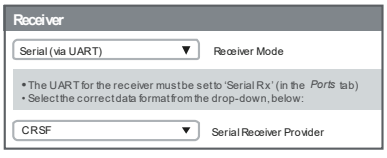
RadioMaster BR1 900 RX

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**.



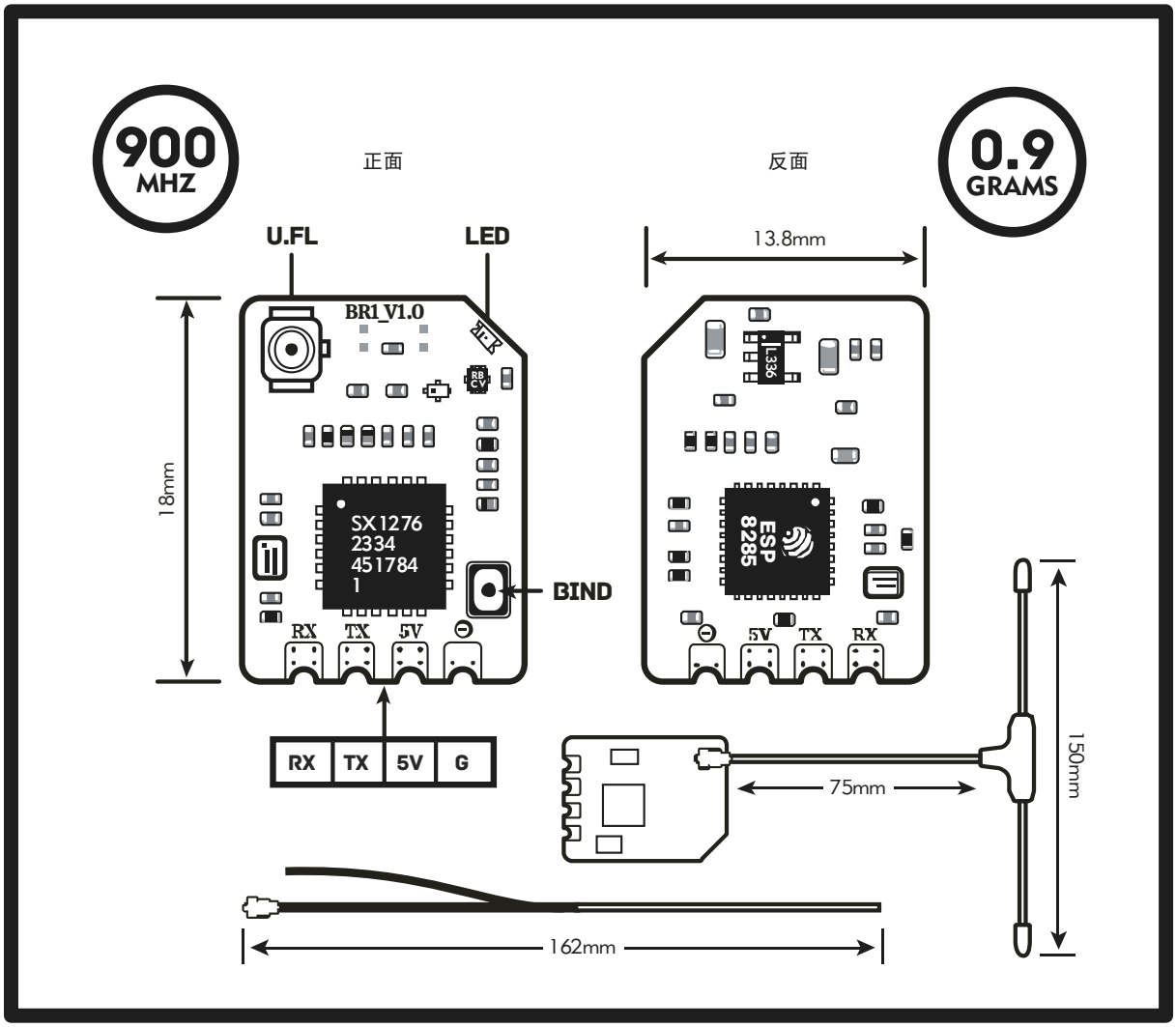
On the **Configuration** tab, click on **Serial-based receiver** on the **Receiver** panel, and select **CRSF**.

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!

BR1 接收机说明书



规格参数

•频段类型:	868MHz / 915MHz
•尺寸:	18*13.8*3mm
•重量:	0.9g (w/o antenna)
•MCU:	ESP8285
•射频芯片:	SX1276
•刷新率:	25Hz~200Hz
•输入电压:	5V
•天线:	U.FL
•总线接口:	CRSF
•回传功率:	最大50mw
•无线协议:	ExpressLRS v3.0

包装清单

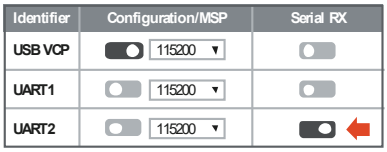
1x BR1 ELRS 900MHz 接收机
1x 75mm U.FL 900MHz T/Y 天线
1x 服务卡
4x 连接线

固件下载

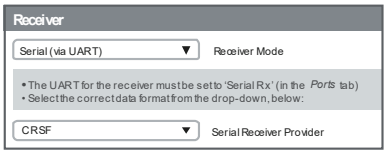
RadioMaster BR1 900 RX

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

设置



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