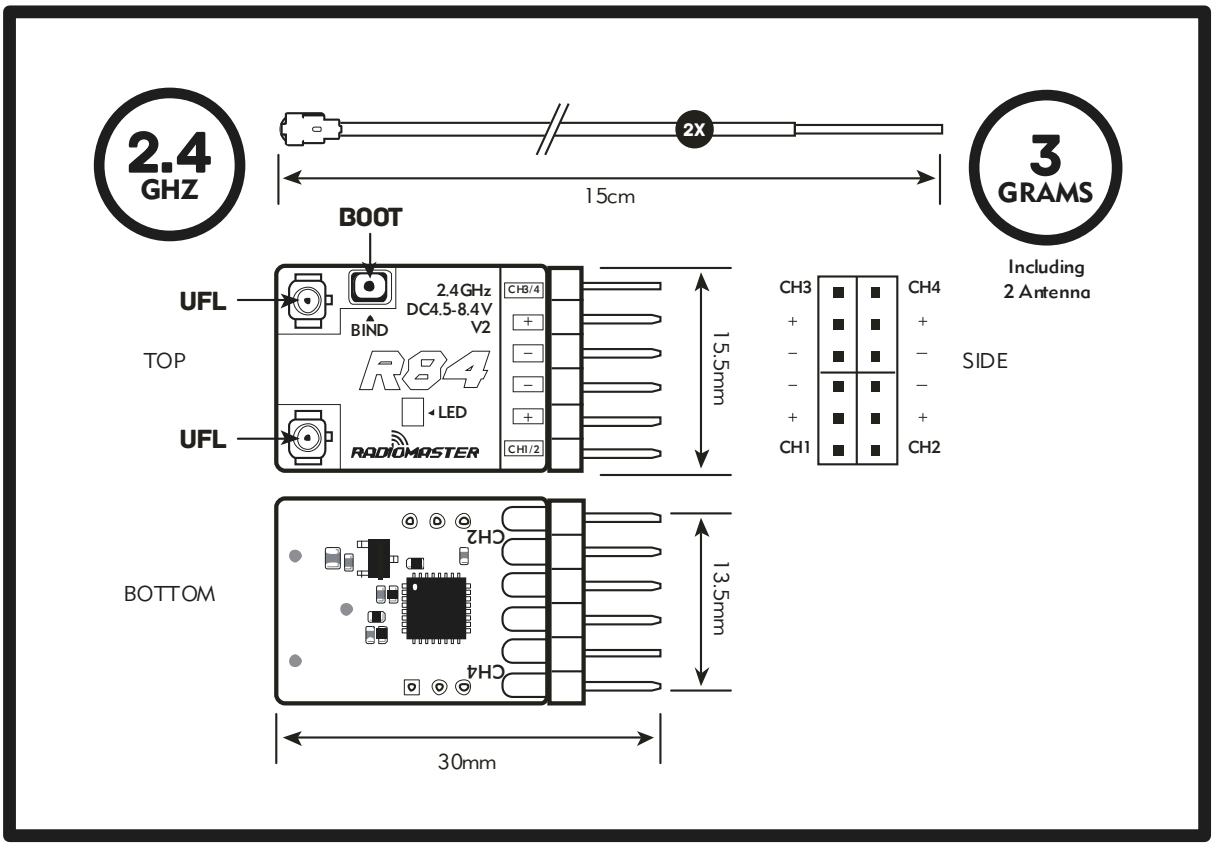
R84 Receiver User Manual



SPECIFICATIONS

•Size:	30*15*5mm
•Weight:	3g
•Channels:	4
•Power Supply:	4.5-8.4V
•Frequency Range:	2400-2483.5GHz
•Signal Format:	D8 / D16v1 / SFHSS
•Output Format:	PWM
•Control Distance:	1km+
•Antenna Length:	15cm

BIND METHOD

1. Turn **ON** your transmitter and select the desired protocol.
2. Enter bind mode on the receiver. Press and hold the **[BIND]** button while powering on the receiver.

Receiver will cycle between protocols.

D8	
D16	
S-FHSS	

3. When the flash pattern matches the transmitter protocol, press **BIND** on the transmitter. The light will flash rapidly then return to **solid**.
4. After binding, cycle the power to the receiver.

*Does not support frsky transmitter, only for MPM radio.

FAIL-SAFE PROTECTION

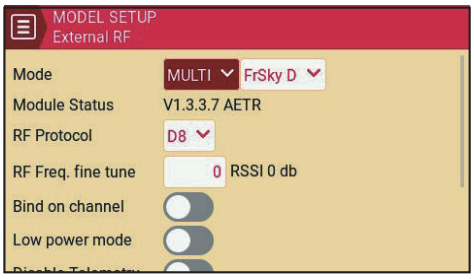
1. Press the **[BIND]** button once within 10 seconds of the receiver being powered **ON**, and the receiver will save all the current channel values of the remote control as the fail-safe value.
2. 10 seconds after the receiver is powered **ON**, the **[BIND]** button function will be disabled to prevent accidental changes to to the fail-safe settings while preparing the model for flight.

*Note: **D8** and **D16** compatible receivers **MUST** be frequency fine tuned prior to flight.

Once the radio is bound to the receiver:
Go to the **RF Freq. fine tune** option in Model Setup.

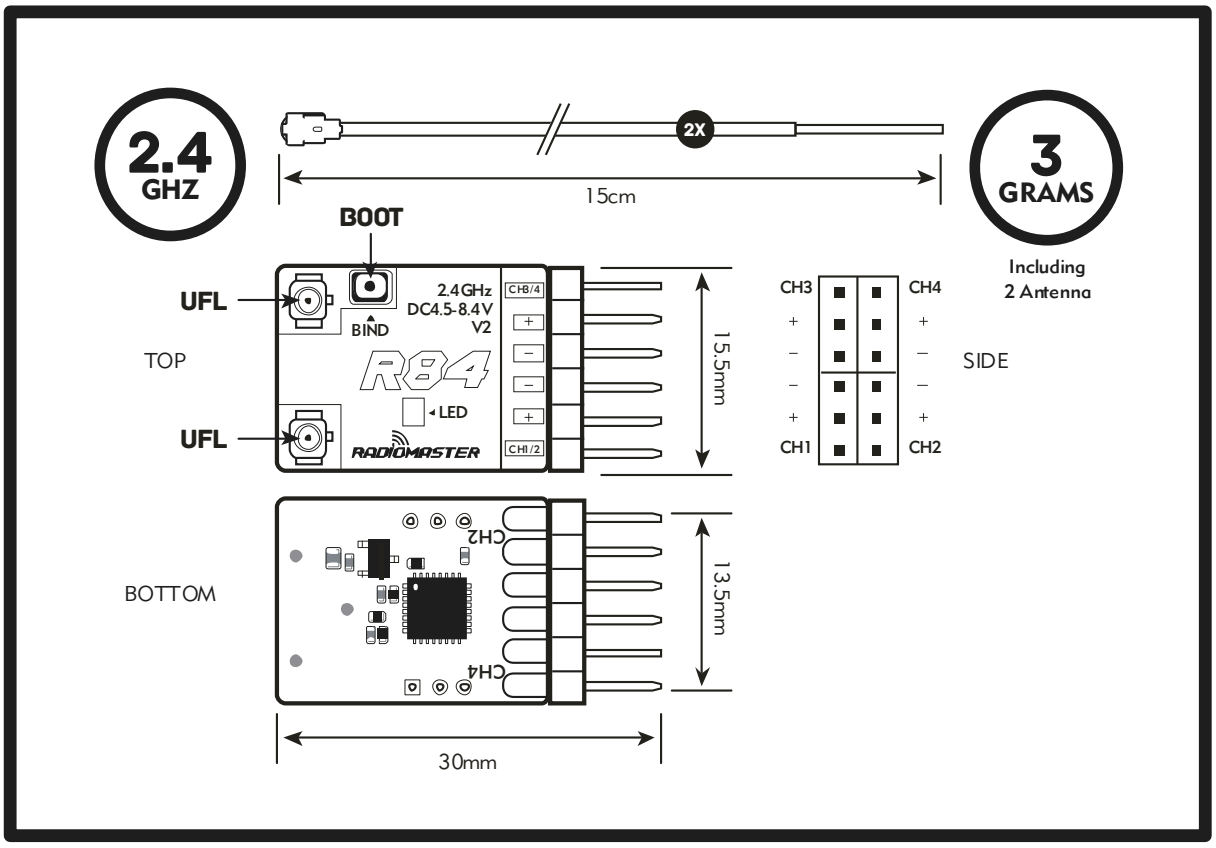
1. **Lower** the value until the radio loses the connection with the receiver.
   ? Record the value **(TUNE_MIN)**.
2. **Raise** the value so that the connection is restored, then continue to raise it until the radio loses the connection with the receiver again.
   ? Record the value **(TUNE_MAX)**.
3. **Calculate** the median between the two values
   ?(TUNE_MIN + TUNE_MAX) / 2 = TUNE_MEDIAN
4. **Set** RF Freq. fine tune to the **median value**
   ?Example: Connection is lost at -73 and +35; the median is -19:

*Once the Fine Tuning value is known, it can be used for all models that use the same protocol.



For more information visit: https://www.multi-module.org/using-the-module/frequency-tuning

R84 接收机说明书



规格参数

•通道数:	4
•频段类型:	2400-2483.5Mhz
•尺寸:	30*15*5毫米
•重量:	3克
•供电范围:	4.5-8.4V
•信号格式:	D8/D16v1/SFHSS
•输出格式:	PWM
•天线长度:	15厘米
•控制距离:	大于1km

对频方法

1. 将遥控器开机并选择所需协议；
2. 按压接收机对频开关并对接收机通电；

三种模式循环切换

D8	
D16	
S-FHSS	

3. 当接收机闪灯对应遥控器协议时， 按下遥控器BIND按键。 灯号快闪后常亮 表示对频完成；
4. 对接收机重新供电。

* 不支持frksy遥控器,只支持多协议版本的遥控器

失控保护

1. 接收机通电10秒内，按一次BIND按钮，接收机将保存遥控器当前所有通道值，作为失控保值。
2. 接收机通电10秒之后，BIND按钮功能将被停用，以防止飞行时误触更改失控保护设置。

频率微调

特别注意 D8和D16协议接收机在正式使用之前，必须使用频率微调功能，消除发射机与接收机之间的频率误差，才可达到最佳遥控距离与稳定性，具体操作方法如下：

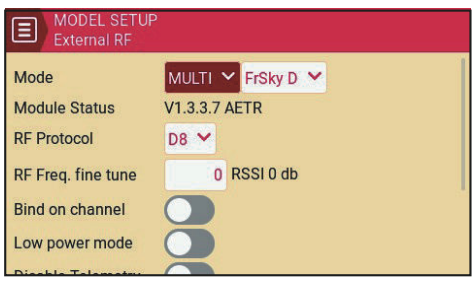
1. 将RF Freq. fine tune数值逐渐调低，直到接收机丢失信号，并记录下这个数值(一般为负数)
2. 再RF Freq. fine tune数值逐渐调高，直到接收机丢失信号，并记录下这个数值(一般为正数)
3. 将这两个数字按此公式计算，得出频率微调中点值，并填写在RF Freq. fine tune参数中(低位数值+高位数值)÷2=中点值

例如：得到低位数值为-73，高位数值为35，根据公式计算

RFFreq. finetune= (-73+ 35)÷ 2

RFFreq. finetune= (-38)÷ 2

RFFreq. finetune= -19



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