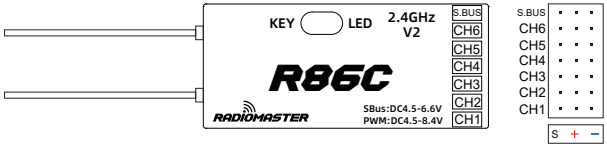
产品特性

通道个数：6通道（PWM）
8通道（SBUS）
频率范围：2400-2483.5Mhz
供电范围：4.5-8.4V
（使用SBUS时为4.5-6.6）
信号格式：D8/D16v1/SFHSS
输出格式：PWM/SBUS
支持回传：支持回传RSSI
控制距离：大于1km
天线长度：15厘米
尺　　寸：45*21.2*12.7毫米
重　　量：8克

Receiver Specifications

Channels: 6 channels (PWM)
8 channels (SBUS)
Frequency range: 2400-2483.5Mhz
Power input range: 4.5-8.4V
(4.5-6.6v when using SBUS)
Signal format: D8/D16v1/SFHSS
Output format: PWM
Support return: support return RSSI
Range: more than 1km
Antenna length:15cm
Size:45*21.2*12.7mm
Weight:8g



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；
   接收机在三个协议之间循环并以灯号表示。
   单闪-单闪-单闪= D8协议；
   双闪-双闪-双闪= D16协议；
   三闪-三闪-三闪= S-FHSS协议；
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。

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.
The receiver will cycle between D8, D16 and S-FHSS protocols.
Three single flashes= D8 protocol.
Three double flashes= D16 protocol.
Three triple flashes= S-FHSS protocol.
3. When the flash pattern matches the transmitter protocol, press bind on the transmitter. The light will flash rapidly then return to solid.
4. Cycle the power to the receiver after binding.

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

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.

RSSI输出

此接收机SBUS输出共计9个通道，为8通道+RSSI输出通道，1-8通道来自遥控器的控制，第9通道是接收机自身输出的信号强度RSSI值，可由飞控读取并发送至OSD设备显示信号强度

RSSI output

This receiver has a total of 6 PWM channels + 9 SBUS Channels (Sbus has 8 control channels + 1 RSSI channel). Channels 1-8 are controlled by the remote controller, the 9th channel is the signal strength RSSI value output by the receiver, which can be read by various flight controllers and sent to the OSD to Show signal strength in the FPV video feed.

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

RF Freq.finetune = (-73+35)÷2
RF Freq.finetune = (-38)÷2
RF Freq.finetune = -19

D8 and D16 compatible receivers MUST be frequency fine tuned before flight.
Once the radio is bound to the receiver:
Return to the RF Freq. fine tune option
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 which use the same protocol.
For More information visit https://www.multi-module.org/using-the-module/frequency-tuning

