



HR8C

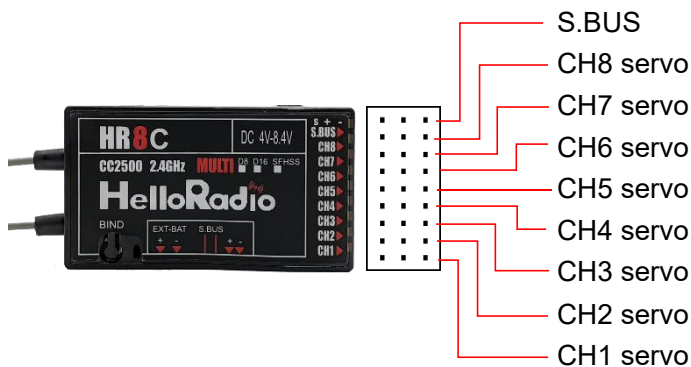
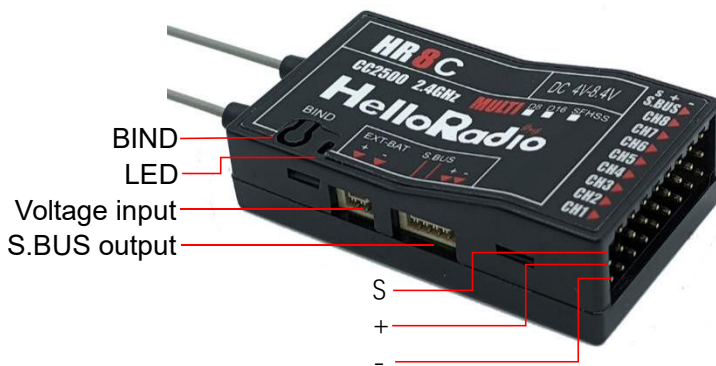
Receiver
Quick Start Guide

WWW.HELLORADIOSKY.COM

Introduction

Thank you for purchasing the HelloRadioSky HR8C receiver. Please take a moment to read this quick start reference before using your new HR8C receiver.

Overview



Bind Method

1. Power on the receiver.
2. Select the desired protocol on the radio, and then select and confirm BIND.
3. Long press the BIND button on the receiver. Wait for the LED on receiver to blink. Blinking LED indicates that Bind is successful.
4. Power off the receiver.

5. Power on the receiver again.

* only support multi-protocol module radio

Fail-safe Protection

Put all the desired channels at Fail-safe Protection on the radio. Once the receiver and radio are binded, the receiver will save all the current channel values of the remote control as the fail-safe value.

RSSI output

This receiver has a total of 8 PWM channels + 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.

RF Freq. Fine Tune

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:

$RF\ Freq.finetune = (-73+35)/2 = -19$

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>



Specifications

Channels: 9

Frequency range: 2400-2483.5Mhz

Power input range: 4.5-7.4V

Signal format: D8/D16v1/SFHSS

Output format: PWM

Support return: support return RSSI. D8 supports voltage return.

Range: more than 1km

Antenna length: 18cm

Size: 46*24.3*11mm

Weight:11g