

Xiangtat R84 V2

Xiangtat RadioMaster R84 V2 4CH SFHSS Compatible PWM Receiver Instruction Manual

Brand: Xiangtat | Model: R84 V2

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Xiangtat RadioMaster R84 V2 4CH SFHSS Compatible PWM Receiver. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

SPECIFICATIONS

Feature	Detail
Channels	4
Frequency Range	2400-2483.5Mhz
Power Input Range	4.5-6V
Signal Format	D8, D16 & SFHSS Compatible
Output Format	PWM
Control Distance	More than 1km
Antenna Length	6cm
Size	17x11mm
Weight	2 grams

Note: These specifications are for the R84 V2 4CH Receiver. Other variants may have different specifications.

SETUP: BINDING METHOD

Follow these steps to bind your R84 V2 receiver with your remote control:

1. Press and hold the **BIND** button on the receiver, then connect power.
2. After approximately 3 seconds, the receiver LED will turn **RED**, indicating the receiver is now in bind mode.
3. Select the **D8 protocol** for the multi-protocol menu of your remote control, and press the **[BIND]** option. The red light of the receiver will flash, indicating a successful bind.
4. Exit bind mode on your remote control and disconnect power to the receiver.
5. Power the receiver once more. The LED will now be solid **RED**, indicating the bind is complete. If not, please repeat steps 1 and 2.

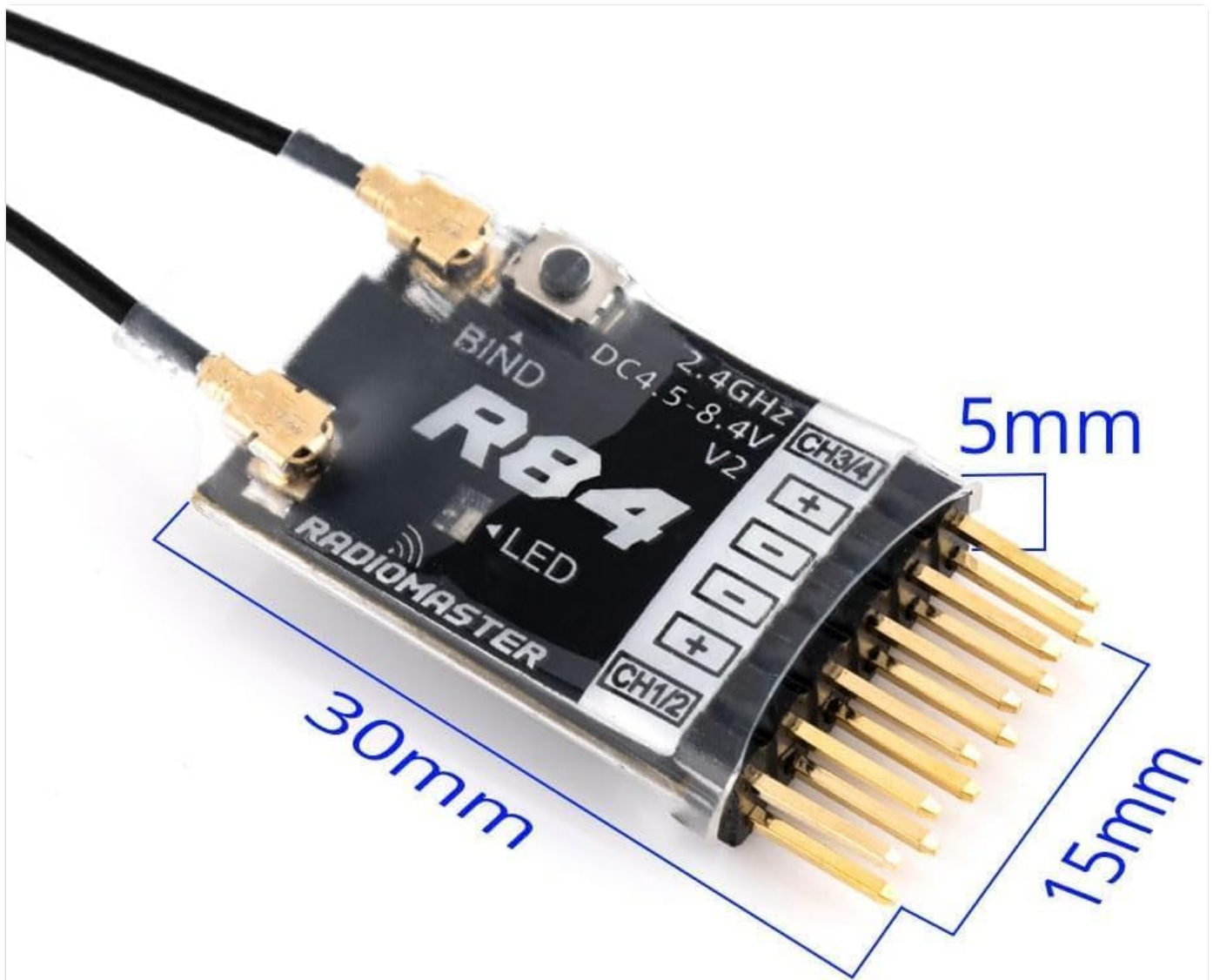


Image: The RadioMaster R84 V2 receiver showing its compact size and pin layout. Dimensions are indicated as 30mm length, 15mm width, and 5mm height.

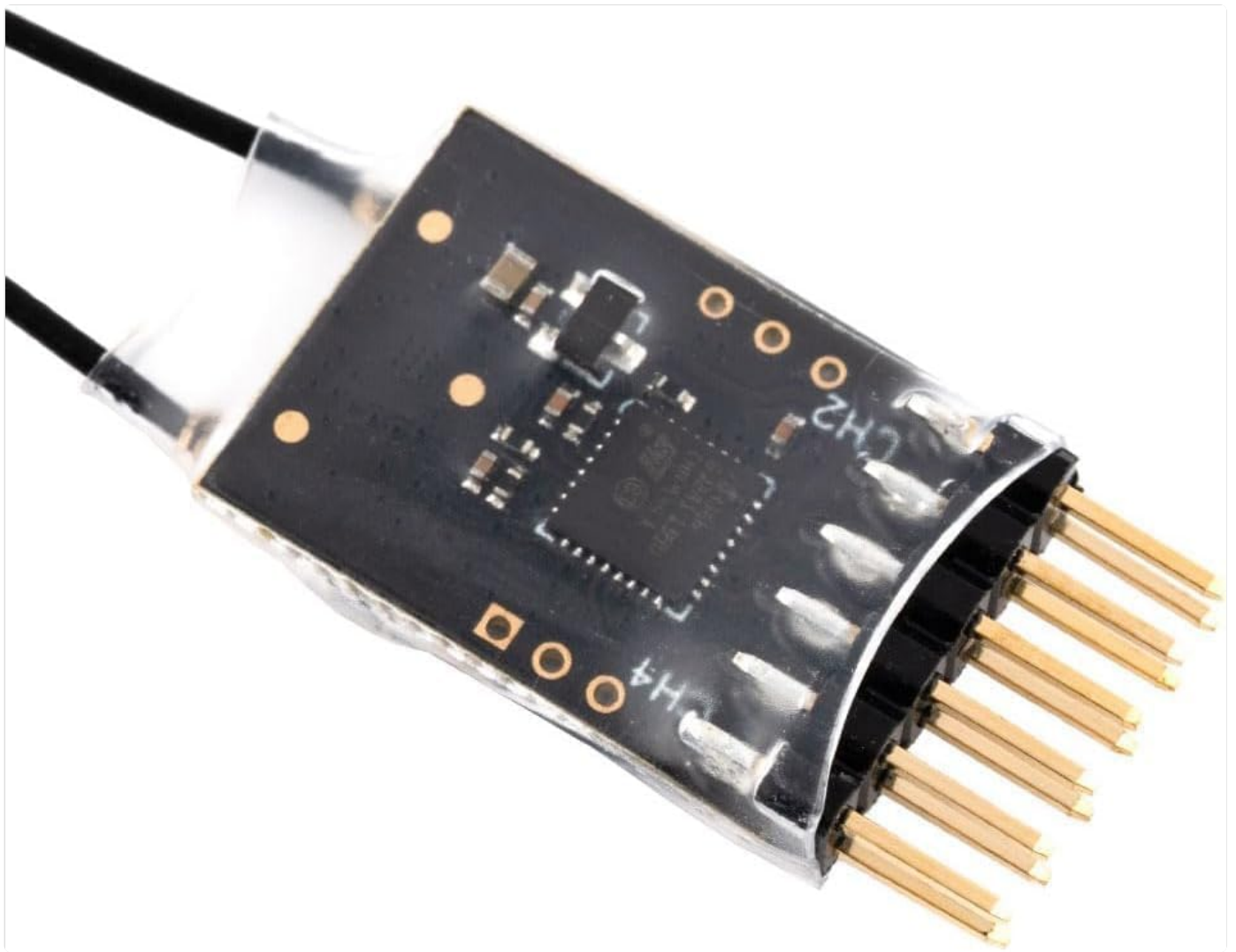


Image: A close-up view of the RadioMaster R84 V2 receiver's circuit board, highlighting the electronic components and antenna connection points.



Image: A top-down perspective of the RadioMaster R84 V2 receiver, showing the 'BIND' button, LED indicator, and channel pins clearly labeled.

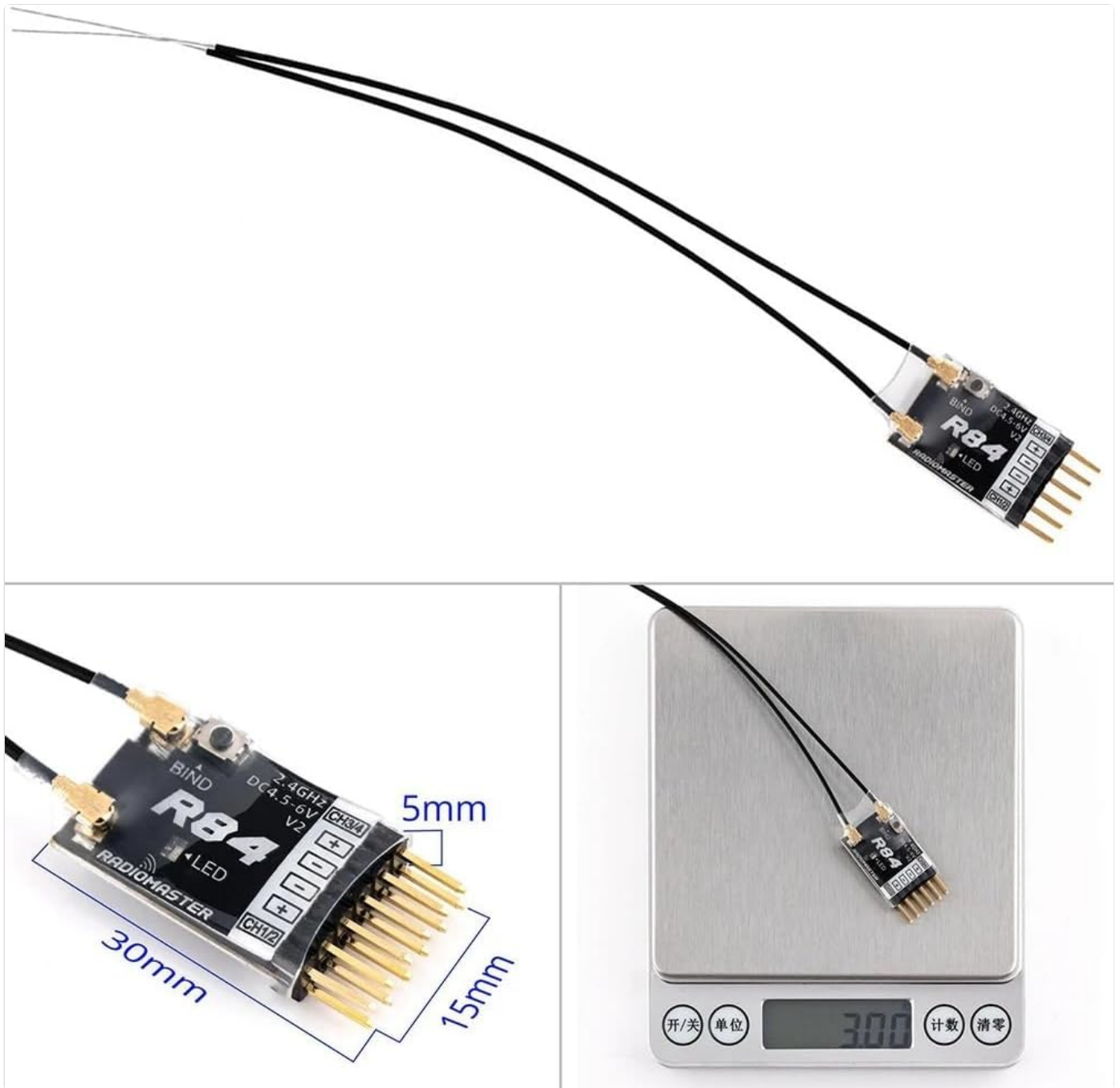


Image: The RadioMaster R84 V2 receiver placed on a digital scale, displaying a weight of 3.00 grams, emphasizing its lightweight design.

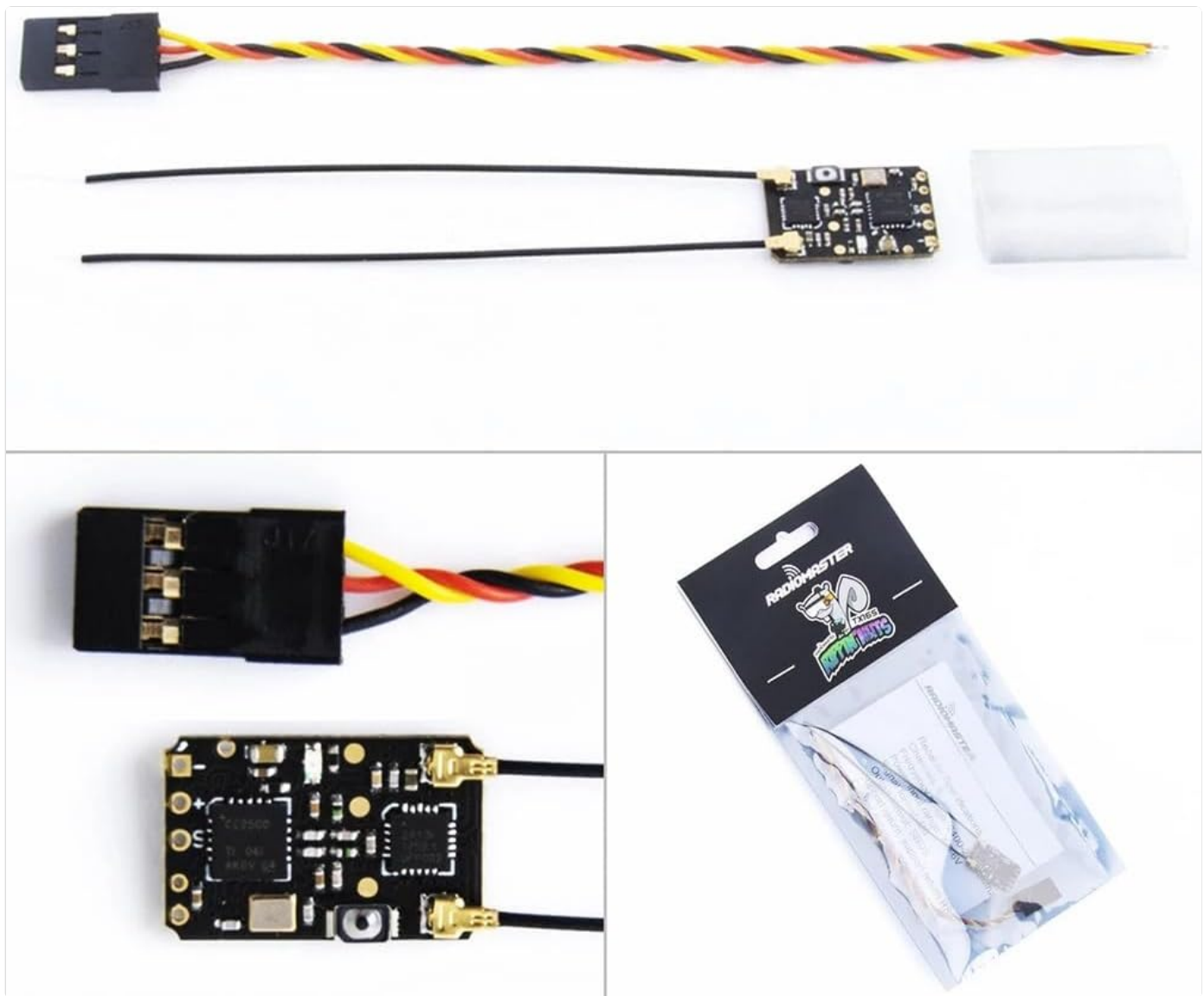


Image: An overview of the RadioMaster R84 V2 receiver and its included accessories, such as connection wires and original packaging, laid out on a white surface.

Receiver Specifications

- Channels: 4
- Frequency range: 2400-2483.5Mhz
- Power input range: 4.5-6V
- Signal format: D8
- Output format: PWM
- Control distance: more than 1km
- Antenna length:15cm
- Size:30*15*5mm
- Weight:3g



R84

Image: A technical diagram illustrating the specifications and pinout of the RadioMaster R84 V2 receiver, showing channel assignments and power connections.

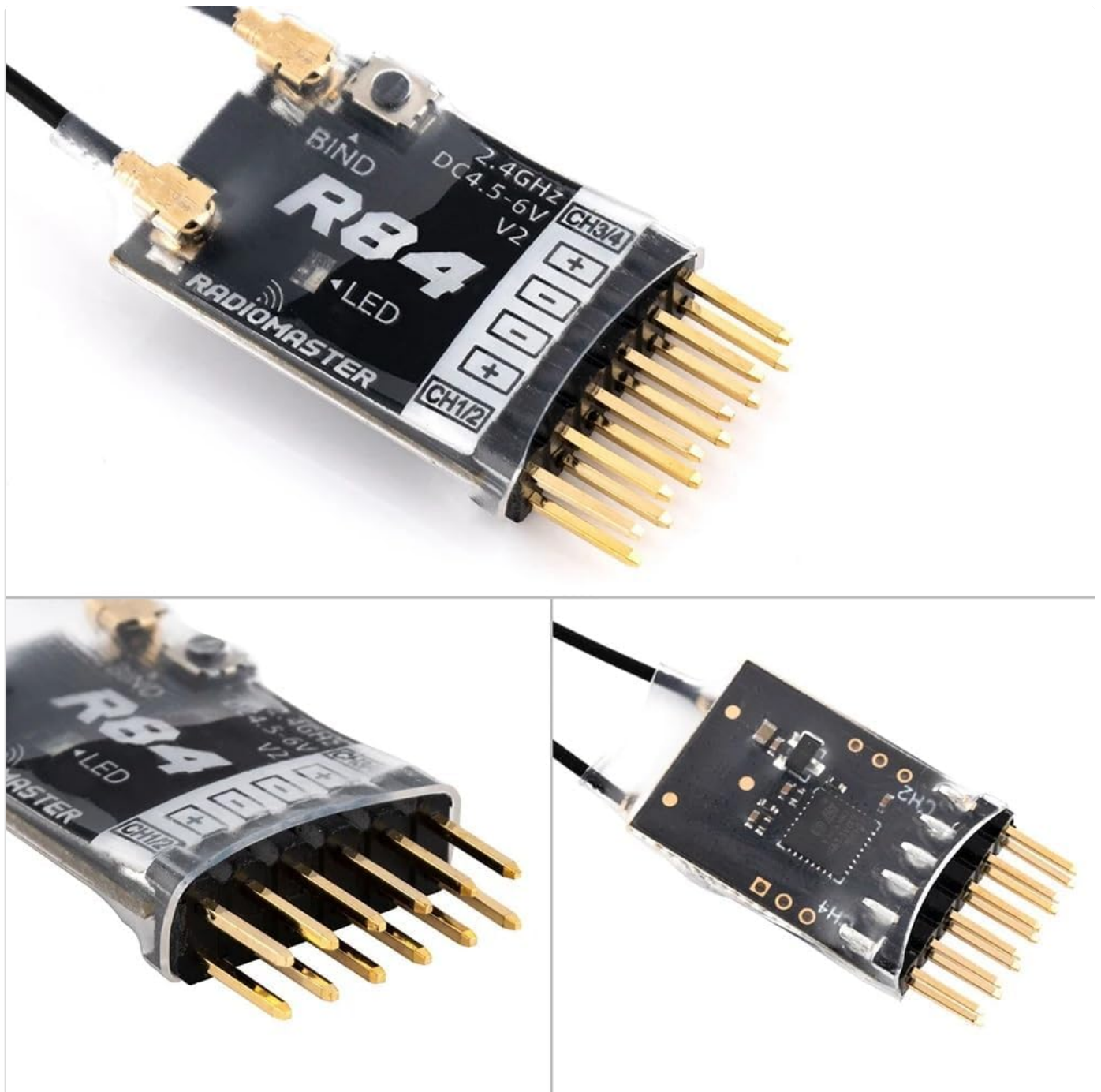


Image: A composite image showing various angles of the RadioMaster R84 V2 receiver, including top, side, and angled views, highlighting its compact design and connectors.

R84 4CH PWM Nano

Signal format: D8, D16 & SFHSS



Weight: 3g

Image: The RadioMaster R84 4CH PWM Nano receiver, with text indicating its signal format (D8, D16 & SFHSS) and a weight of 3g.

OPERATING INSTRUCTIONS

Fail-safe Protection

To set up fail-safe protection:

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

RSSI Output

The R84 V2 receiver has a total of 9 channels. Channels 1-8 are controlled by the remote controller. The 9th channel is the signal strength (RSSI) value output by the receiver itself. This RSSI value can be read by the flight controller and sent

to an OSD (On-Screen Display) device to show signal strength.

PRODUCT VIDEOS

RadioMaster ELRS PWM Receiver - ER Series

Your browser does not support the video tag.

Video: An official product video from Lotus Mall (Seller) introducing the RadioMaster ER Series PWM Receivers, including features and applications for various RC models. This video provides a general overview of the receiver series.

How to Bind The R4FGM Receiver with Your Radio Correctly

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Video: An official product video from RadioLink Direct (Seller) demonstrating the correct binding procedure for an R4FGM receiver with a radio. While the model differs, the binding principles are generally applicable to similar RC receivers.

Xiangtat RadioMaster TX16S MKII V4.0 16CH Transmitter

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Video: An official product video from Lotus Mall (Seller) showcasing the features and improvements of the Xiangtat RadioMaster TX16S MKII V4.0 16CH Transmitter, which is compatible with this receiver.

MAINTENANCE

To ensure the longevity and optimal performance of your R84 V2 receiver, keep it clean and free from dust and moisture. Avoid exposing the receiver to extreme temperatures or direct sunlight for extended periods. Regularly inspect antenna connections for any damage. If the receiver becomes wet, disconnect power immediately and allow it to dry completely before re-applying power.

TROUBLESHOOTING

- **Receiver not binding:** Ensure the remote control is set to the correct protocol (D8, D16, or SFHSS compatible). Verify that the BIND button is pressed and held correctly during power-on, and released when the LED flashes quickly. Repeat the binding process if necessary.
- **No signal after binding:** Check all power connections to the receiver and ensure the remote control is powered on and transmitting. Confirm that the receiver's LED is solid RED, indicating a successful bind.
- **Intermittent signal:** Inspect antenna placement and ensure it is not obstructed or damaged. Avoid operating near strong sources of interference.

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance with your Xiangtat RadioMaster R84 V2 receiver, please refer to the official [Xiangtat Store on Amazon](#) or contact their customer service directly.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question