

# BeyondFPV ELRS 2.4G PWM Receiver

## User Manual

### 1. Product Overview

The BeyondFPV ELRS 2.4G PWM 7CH Receiver is a lightweight and high-performance receiver designed for ExpressLRS 2.4GHz systems. It provides seven independent PWM outputs, ideal for fixed-wing aircraft, boats, and ground vehicles.

### 2. Features

- ExpressLRS 2.4GHz protocol support
- 7 independent PWM output channels
- Ultra-lightweight and compact design
- Wide input voltage range (4.5–8.4V)
- Built-in voltage sensing up to 34V
- Telemetry output power up to 12 dBm
- External U.FL antenna connector

### 3. Specifications

Product Name: BeyondFPV ELRS 2.4G PWM 7CH Receiver

Protocol: ExpressLRS (ELRS)

Frequency Band: 2.4GHz

Power Supply: DC 4.5–8.4V

Output Channels: 7 × PWM

Telemetry Power: 12 dBm

Voltage Sense: Max 34V

Antenna Connector: IPEX MHF 1 / U.FL

Firmware: Generic\_ESP8285\_7xPWM\_2.4G\_RX-3.4.3

Dimensions: 26 × 19 mm

Weight: 1.6 g

## 4. Package Contents

- 1 × BeyondFPV ELRS 2.4G PWM 7CH Receiver
- 1 × 2.4GHz T type receiver antenna
- 1 × 2.4GHz Pigtail Antenna with U.FL connector

## 5. Safety Instructions

- Do not exceed the specified voltage range
- Always connect an antenna before powering on
- Avoid water, fire, and extreme temperatures
- Do not disassemble or modify the product

## 6. Warranty Disclaimer

This product is covered by a limited warranty against manufacturing defects. Improper installation or misuse is not covered.

# Binding Method

1:Turn off the transmitter.

2:Power the receiver on and off quickly three times.When the receiver LED flashes twice repeatedly, it has entered binding mode.

3:Turn on the transmitter and open the ExpressLRS LUA menu.Select “BIND” and confirm to start binding.

4:Binding successful.When the receiver LED turns solid ON, binding is complete.



