



integral LED

IP20

PLEASE READ BEFORE USE

Integral LED RF Receiver ILRC014



WARNING

**DO NOT CONNECT THE RECEIVER DIRECTLY TO A MAINS SUPPLY.
DO NOT INSTALL PRODUCT WITH METAL BOX WHICH CAN AFFECT THE SIGNAL TRANSMISSION.
THE RECEIVER MUST ONLY BE CONNECTED TO A SUITABLE DC12-36V LED DRIVER.**

IMPORTANT NOTICE

- This product should be installed according to the instructions in this guide and by a qualified electrical installer
- All electrical work must be completed in accordance with the latest IET wiring regulations (formally IEE) for the UK or in accordance with all applicable regulations and laws in the country in which it is being installed
- Switch OFF power at the mains before installing the product.
- Always disconnect or switch off the power supply before making any adjustment to the wiring
- Observe the operating temperature of the product: -20°C to 50°C
- Limited 5 Year Warranty. This LED Receiver is for indoor use only. Improper installation, abuse or miss-powering of the receiver or failure to use the receiver for its intended use will void the warranty. Proof of purchase is required for all returns. Your statutory rights remain unaffected.

Please see www.integral-LED.com/warranty.
Questions? Please contact your supplier or see integral-LED.com

1. INTRODUCTION

The Integral ILRC014 RF Receiver is designed to work with Integral single colour LED strip, colour temperature changing LED strip, and RGBW LED strip controlled by your selected handheld or wall-mounted control devices. Depending on the strip you select, you can choose RF single colour remote (ILRC020) or RF colour temperature changing remote (ILRC021 or ILRC022) or RF RGBW remote (ILRC015, ILRC016, ILRC017, ILRC018 or ILRC019) to work with ILRC014 receiver.

2. PARAMETER

- Compatible control device: ILRC015, ILRC016, ILRC017, ILRC018, ILRC019, ILRC020, ILRC021 and ILRC022
- Input Voltage: DC12V~DC36V, Constant Voltage
- Output Current: Max 20A, 5Ax4CH
- Output Power: Max 240W(12V)/480W(24V)/720W(36V)
- Working Frequency: 868MHz
- IP rating: IP20
- Working Temperature: -20°C to 50°C
- Dimensions: L178xW46xH22(mm)
- Weight (N.W.): 135g

3. OPERATING INSTRUCTIONS

Match RF Receiver with RF remote/RF wall-mounted touch remote:

For multi-zones: Switch on the remote/wall-mounted touch remote. And short press the "Learning Key" button on receiver, then immediately press a zone number on remote/wall-mounted touch remote to match the receiver to the specified zone. When the LED strips connected to the receiver flash, the remote/wall-mounted touch remote and receiver to the specified zone are now matched and activated.

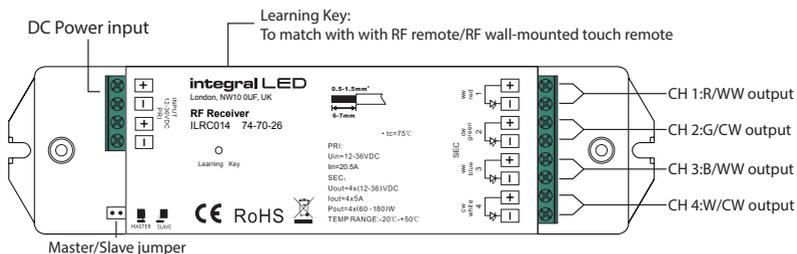
For a single zone: Switch on the remote/wall-mounted touch remote. And short press the "Learning Key" button on receiver. Then touch the colour wheel or slider bar on the remote/wall-mounted touch remote, or press any button when using a button remote. When the LED strips connected to the receiver flash, the remote/wall-mounted touch remote and receiver are now matched and activated.

Note: One receiver can be matched up to max 8 remotes/wall-mounted touch remotes.

Cancel the matching: Press "Learning Key" button on the receiver for more than 3 seconds until the LED strips connected to the receiver flash.

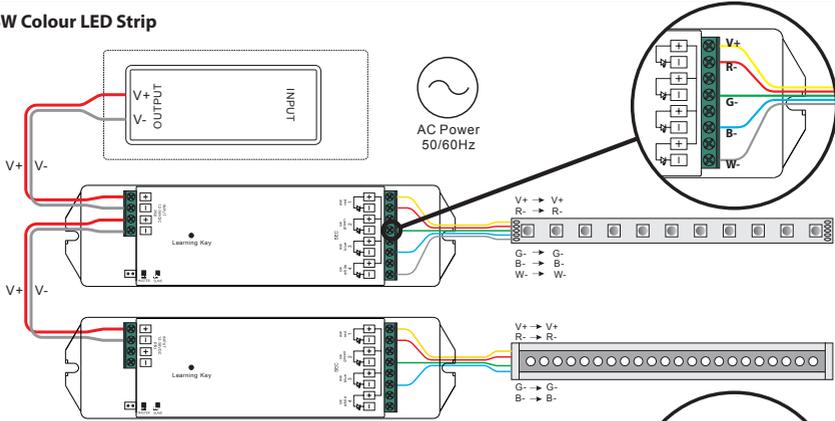
MASTER/SLAVE jumper: In a group of multiple receivers, in order to get a good sync of RGBW running effect, please set ONLY ONE receiver as MASTER, the other receivers as SLAVE. The maximum sync distance between the MASTER receiver and any SLAVE receiver is 30 metres.

After the Master is set, switch off the Master receiver and then switch on, to activate the Master function.

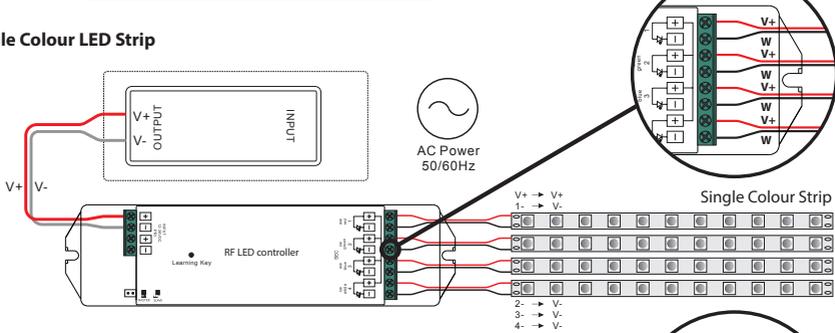


4. WIRING DIAGRAM:

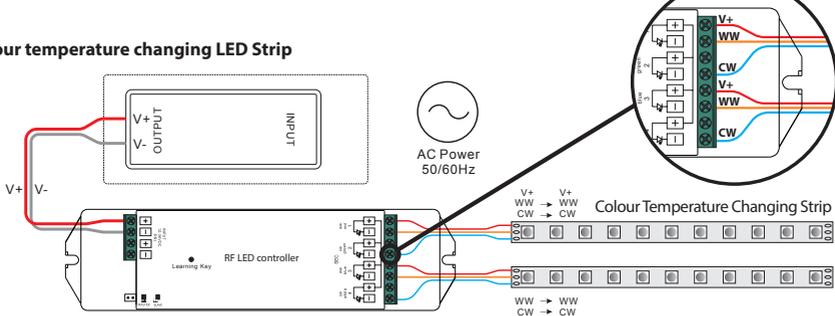
With RGBW Colour LED Strip



With single Colour LED Strip

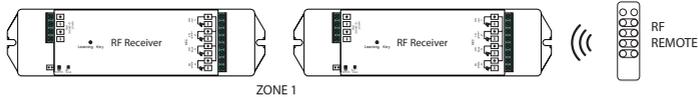


With Colour temperature changing LED Strip

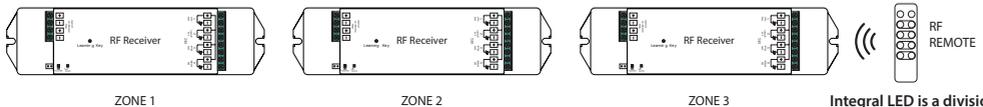


Using multiple receivers, there are two options to set up.

Option 1: Match all receivers to the same zone. For example, match all receivers to zone 1. The LED strips connected to the receivers matching to zone 1 will run the same colour and colour effect.



Option 2: Match all receivers to different zones. For example, match receivers to zone 1, 2, 3 or 4. The corresponding LED strips connected to receivers in different zones will run different colours and colour effects based on the individual zone setting.



WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WHERE FACILITIES EXIST. CHECK WITH YOUR LOCAL AUTHORITY FOR RECYCLING ADVICE.

Integral LED is a division of Integral Memory plc.
Unit 6 Iron Bridge Close,
Iron Bridge Business Park,
London, NW10 0UF, UK