



integral™ LED

IP20

PLEASE READ BEFORE USE

Integral LED RGBW Colour Changing Remote Control and Receiver ILRC010



WARNING



**DO NOT CONNECT THE RECEIVER TO A MAINS SUPPLY.
THE RECEIVER MUST ONLY BE CONNECTED TO A SUITABLE DC12-24V 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: 0°C to +40°C.
- Limited 3 Year Warranty. This LED Remote control and Receiver is for indoor use only. Improper installation, abuse or miss-powering of the remote control and receiver or failure to use the remote control and 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 www.integral-LED.com

1. Introduction

INTRODUCTION

The Integral LED RGBW Colour Changing Remote Control and Receiver is designed to work with the Integral LED RGBW Colour Strip. You will be able to change the colour of the strip to different colour modes changing the mood and look of your space instantly. You can also dim the strip to your ideal level. The strip can also switch between different colour modes on a continuous basis to add excitement.

2. Parameter

Receiver:

- Power Input: DC12V~DC24V
- Max Current Load: Max 20A, 5Ax4CH
- Max Output Power: 240W(12V) / 480W(24V)
- IP Rating: IP20
- Working Temp.: 0°C~40°C
- Dimensions: L145xW46.5xH16(mm)
- Weight (N.W.): 110g

Remote:

- Output: RF signal
- Working Voltage: 4.5V
(3 x AAA battery / Not included)
- Working Frequency: 868/915/434MHz
- Remote Distance: 20~30 metres
- IP Rating: IP20

- Working Temp.: 0°C~40°C
- Relative humidity: 8%~80%
- Remote Dimensions: L120×W48×H17.6(mm)
- Weight(N.W.): 70g

Total Weight (G.W.): 185g

3. Operating Instruction for Receiver

The Remote control has been matched to the receiver before leaving the factory, if deleted accidentally you can restore the matching as follows.

RF Code Key: Switch on the remote. And short press the RF Code Key on the receiver, then immediately touch the colour wheel on the remote. When the LED strips connected to the receiver flicker, the remote and receiver are now matched and activated.

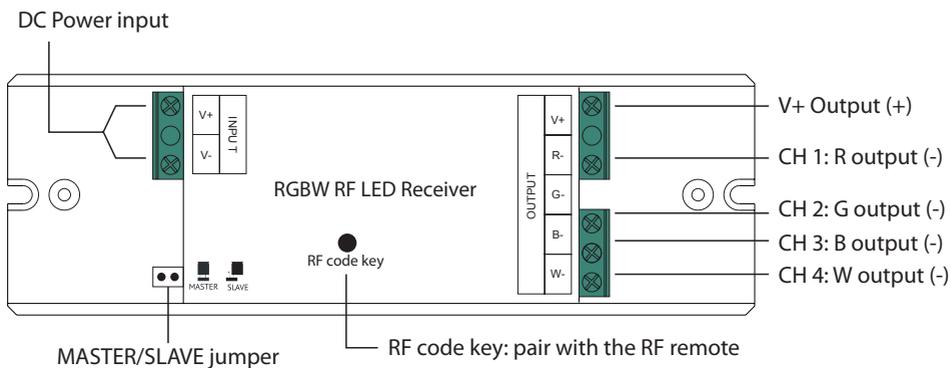
Note: One receiver can be matched to up to 8 remote controls.
Multiple receivers can be matched to one remote.

Cancel the matching: Press RF Code Key on the receiver for more than 3 seconds until the LED strips connected to the receiver flicker.

MASTER/SLAVE jumper:

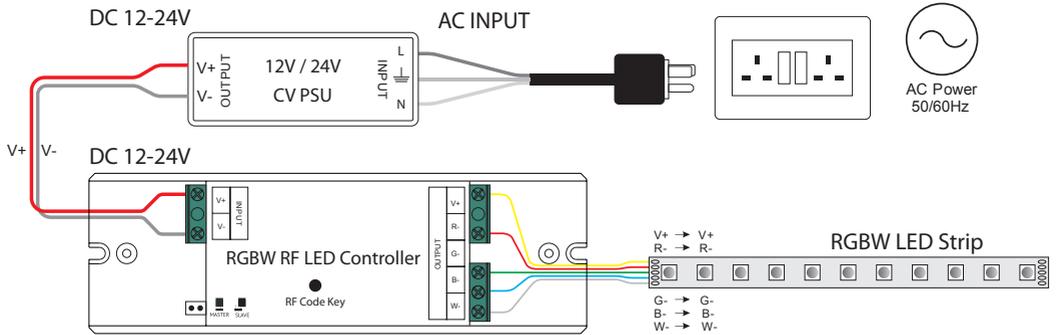
In a group of multiple receivers, in order to get a good sync of RGB running effect, please set ONLY ONE receiver as MASTER, the other receivers as SLAVE.

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



4. Wiring Diagram

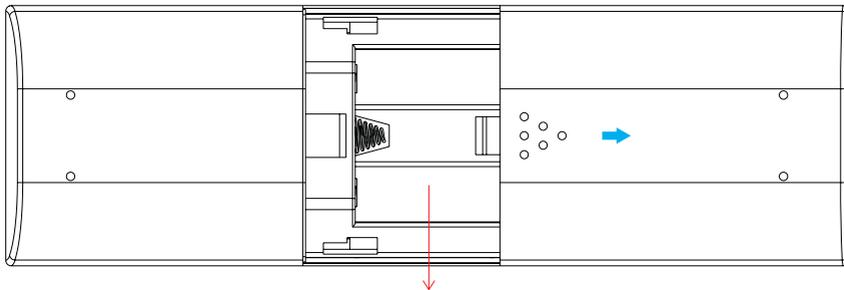
RGBW Control



Please make sure you connect the strip to receiver correctly, indicated as following table.

Receiver to strip	
mark on Receiver	mark on Strip
V+	V+
R	R
G	G
B	B
W	W

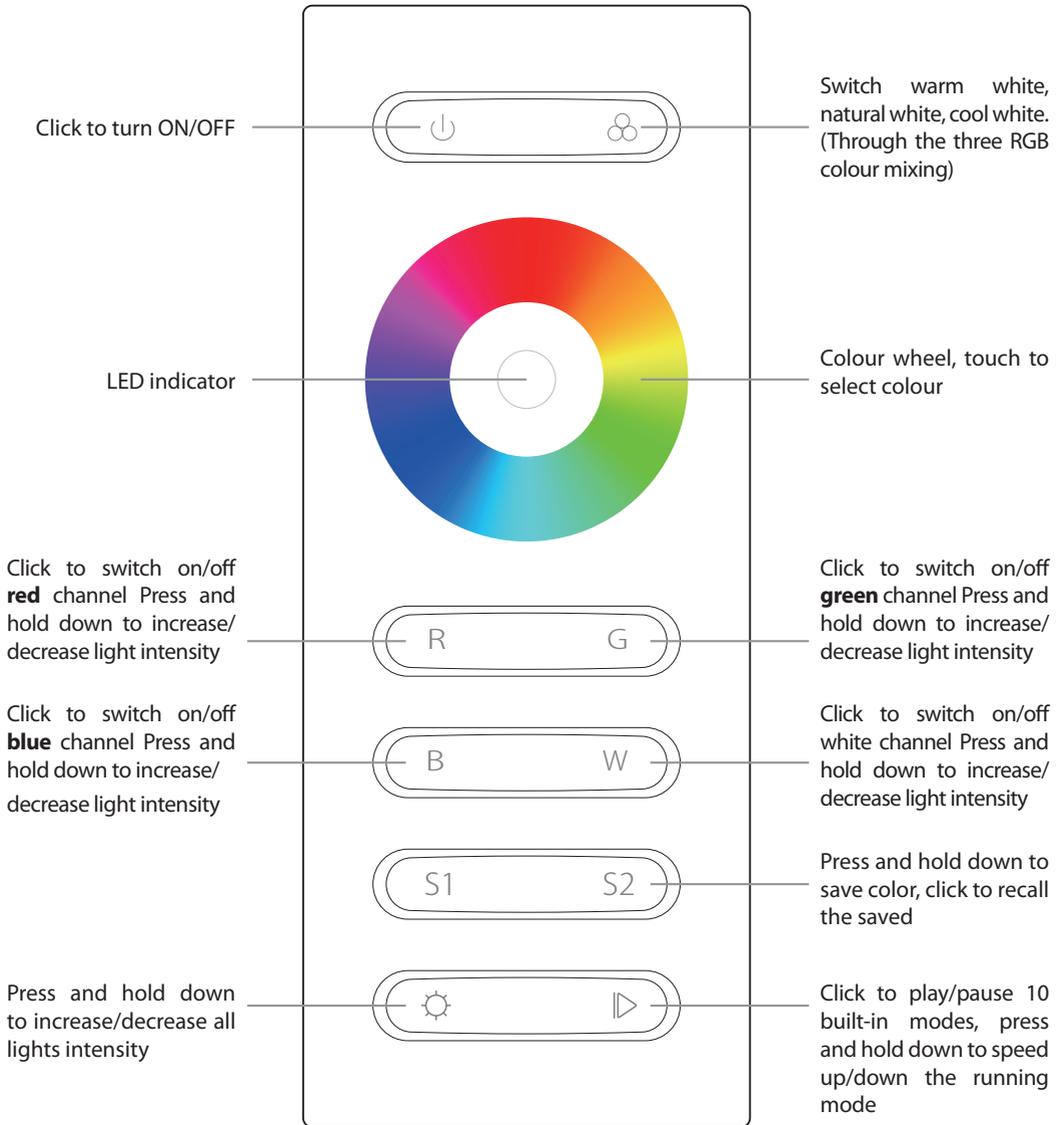
5. Operating Instruction for Remote Control



4.5V(3xAAA battery, not included)

Back of the remote

Front of the remote



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