

4 Zone RF Remote Control

for RGB and RGBW LED strip

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LR-4RGB/4RGBW



Product Description

The LR-4RGB/4RGBW remote enables one to control up to 4 zones of RGB LED strips. It features a touch colour wheel which offers smooth and continuous colour changing options, enabling creation of colourful static and dynamic effects.

Technical Specification

Controller	
Order Code	LR-4RGB/4RGBW
Type	RF Remote
Input Voltage	3VDC
Operation Frequency	2.4GHz
Dimension	58.5x107x9mm (WxLxH)
Power	battery CR2032

Features

- Easy control of RGB/RGBW LED strips for up to 4 zones independently or simultaneously
- 2.4GHz wireless technology, remote distance of up to 30m
- Save lighting functions and preferences with scene save
- Receiver Auto-Transmitting function to achieve greater distances between receivers and the remote
- Built-in dynamic play modes with receiver auto-synchronization

Compatible RGB receivers Technical Specification

Order code	R3C	R4C
Channels	3 (RGB)	4 (RGBW)
Type	RF receiver	RF receiver
Input Voltage	12-24V DC	12-36V DC
Current	3x4A	4x5A
Output	3X(48-96W)	4X(60-180W)
Note	Constant voltage	Constant voltage
Dimension	33x97x18mm (WxLxH)	45x175x27mm (WxLxH)



R3C



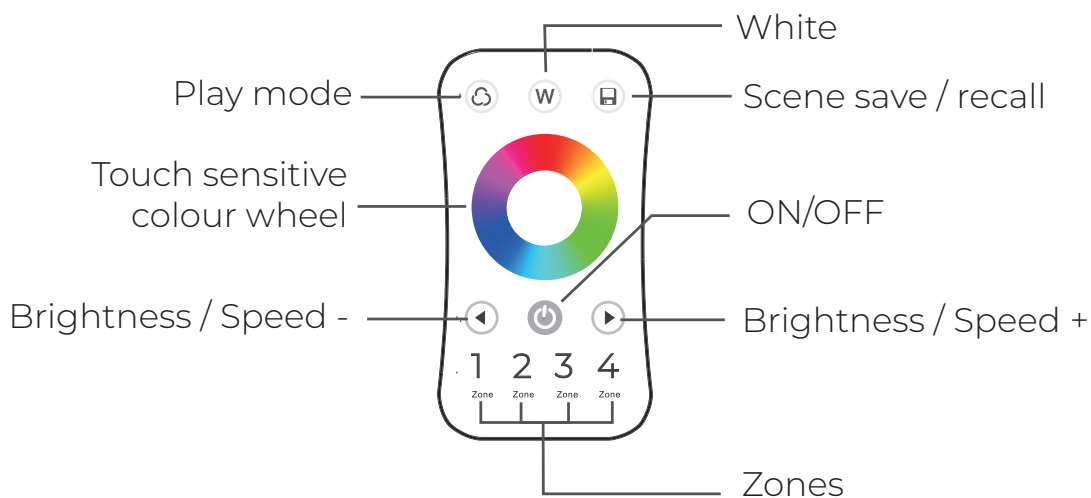
R4C

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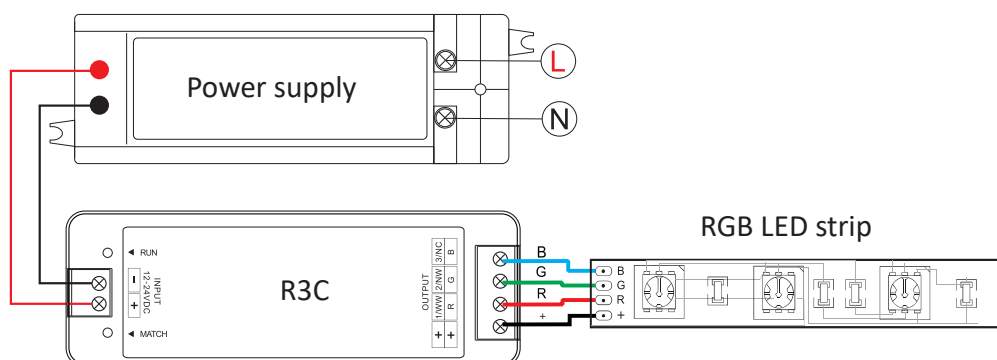
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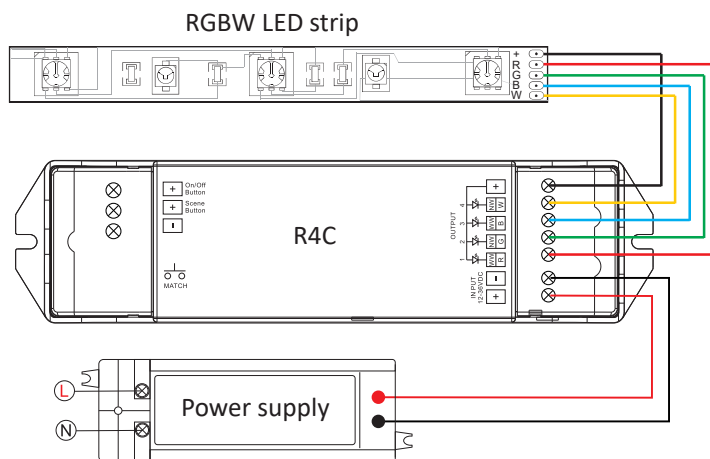
Controller layout



RGB Receiver wiring diagram



RGBW Receiver wiring diagram

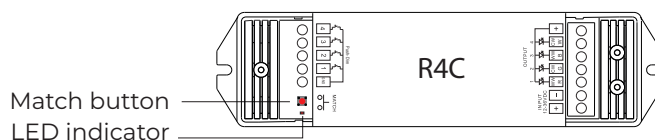
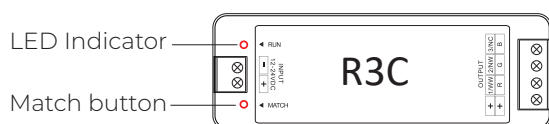


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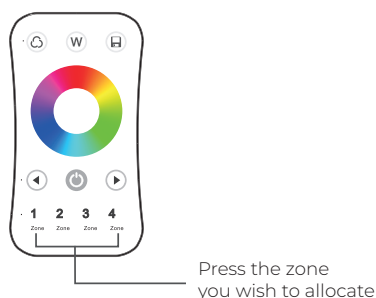
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Synchronising the remote to receiver



2) Choose the zone you wish to allocate on the remote within 5 seconds after pressing the match button. The LED indicator on the receiver will flash rapidly 5 times and then stop flashing. The controller is now synchronised with the receiver.



Troubleshoot

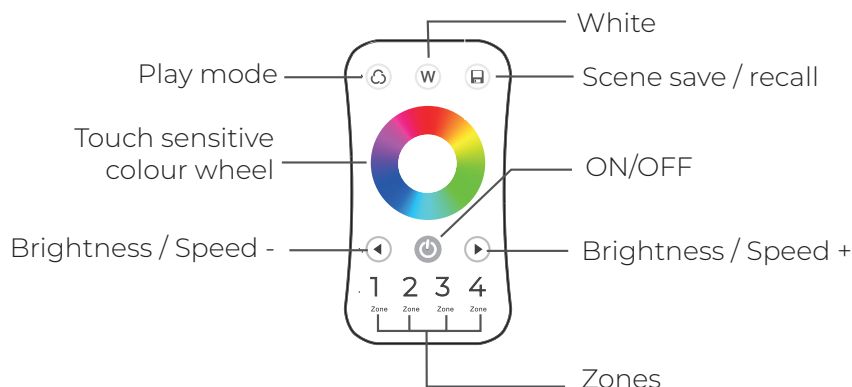
Problem	Cause	Corrective
No light	<ul style="list-style-type: none">• No power.• Wrong connection or unsecure connection.	<ul style="list-style-type: none">• Check the power.• Check the connection.
Wrong Colour	<ul style="list-style-type: none">• Wrong connection of RGB/W wires.	<ul style="list-style-type: none">• Re trace and reconnect RGB/W wires.
Uneven intensity between front and rear of the strip, with voltage drop	<ul style="list-style-type: none">• Output cable is too long.• Cable diameter is too small.• Overload beyond driver capability.• Overload beyond receiver capability.	<ul style="list-style-type: none">• Reduce cable or loop supply.• Change to a thicker cable.• Replace with a suitable higher power driver.• Add a power repeater.
No response from the remote	<ul style="list-style-type: none">• The battery has no power.• Beyond controllable distance.• The controller isn't synchronised with the remote.	<ul style="list-style-type: none">• Replace battery.• Reduce remote to receiver distance.• Re-sync the remote.

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Controlling your LED strip



- Choose the zone(s) you wish to control.
- To change the colour, use the touch sensitive colour wheel.
- To change the brightness, short press brightness buttons. Long press for fine adjustment.

- There are several dynamic modes, press the play mode button to browse through modes. To choose the mode, press and hold play mode for 2seconds.
- There are 10 speeds for the play modes. Press the speed button to browse through the speed levels and to sync receivers if out of sync.
- Press and hold the speed button to go to the highest speed level.
- To save your setup, press and hold scene buttons.
- To recall saved scene, press scene button.

Please note! RF technology allows for greater flexibility when it comes to controlling simple or complex lighting installations without the need of additional cabling.

There are some limitations where installations have the receivers enclosed in electrical boxes or hidden away in a ceiling, reducing the RF signal strength and therefore the communication range.

In order to overcome these RF Signal restrictions we suggest the following when synchronising our RF controllers and receivers:

- Keep the distance within 10 meters from the controller to the receiver. The remote can operate up to 30 meters if signal is uninterrupted by obstacles.
- When expanding your lighting, always try and use a signal repeater (PR-RGB(N)), where possible.

Safety

- Products must be installed and serviced by qualified electrician.
- Please ensure the receiver is mounted in a water proof enclosure if installed in an outdoor environment, avoiding metallic enclosures.
- Always ensure products are mounted in areas with adequate ventilation to avoid overheating.
- Please ensure outputs of any power suppliers used in conjunction with this product comply with its working voltage.
- Never install product whilst connected to power and double check connections before switching on to avoid short circuits.

Guarantee:

All LED and electrical components carry a 5 year electrical guarantee, All lamps have their own average life span. We recommend all products are installed by NICEIC / registered electrical contractors, failure to do so will result in any guarantee becoming void.

Full Terms & Conditions:

For our full terms and conditions please visit our website - www.intalite.co.uk/terms-conditions

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