integral™ LED

IP20

Integral LED RF RGBW
Wall-mounted Touch Remote
ILRC018/ILRC019

⚠ **WARNING** ⚠
THE WALL-MOUNTED TOUCH REMOTE IS A 100-240V AC INPUT PRODUCT.
DO NOT INSTALL PRODUCT WITH METAL BOX WHICH CAN AFFECT THE SIGNAL TRANSMISSION.
SWITCH OFF POWER BEFORE CONNECTING THE PRODUCT TO A MAINS SUPPLY.

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 wall-mounted touch remote is for indoor use only. Improper installation, abuse or miss-powering of the wall-mounted touch remote and receiver or failure to use the wall-mounted touch remote and suitable 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 LED RF RGBW wall-mounted touch remote is designed to work with the Integral LED receiver (ILRC014) and RGBW colour strip. The wall-mounted touch remote can be used to control one zone of strip lighting. You will be able to switch on/off, change the colour of the strip in different colour modes and dim the strip to your ideal level. You can change the mood and look of your space instantly. Two product finishes, black and white colours, are available to purchase.
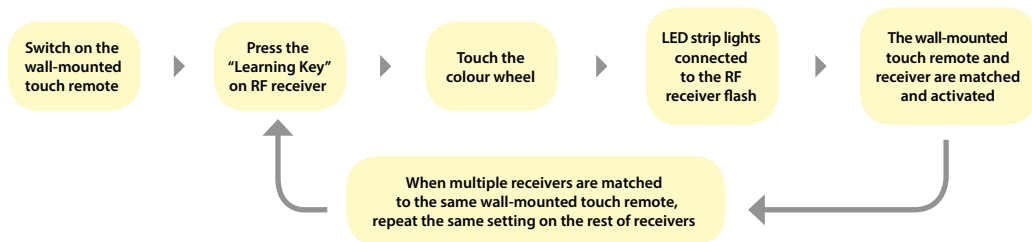
2. PARAMETER

- Control interface: Touch control
- Input Voltage: 100-240V AC
- Power Consumption: 20mA
- Output: RF signal
- Working Frequency: 868MHz
- For use with ILRC014 RF receiver

- Control: RGBW colour
- Control Zone: 1 zone
- Remote Distance: 20-30 metres
- IP rating: IP20
- Working Temperature: -20°C to 50°C

- Relative Humidity: 8% to 80%
- Product Colour: Black (ILRC018) and White (ILRC019) interfaces available
- Dimensions: L86×W86×29.1(mm)
- Weight (N.W.): 200g

3. OPERATING INSTRUCTIONS

A. Matching the RF Receivers with RGBW Wall-mounted Touch Remote

The RF RGBW wall-mounted touch remote (ILRC018/ILRC019) is designed to be used with the RF receiver (ILRC014). You will need to match the receivers before starting to use wall-mounted touch remote.

Match the RF receiver with the "Learning Key" on the receiver(s).

Switch on the wall-mounted touch remote	Press the "Learning Key" on RF receiver	Touch the colour wheel	LED strip lights connected to the RF receiver flash	The wall-mounted touch remote and receiver are matched and activated

When multiple receivers are matched to the same wall-mounted touch remote, repeat the same setting on the rest of receivers

Alternative way to match RF receiver when it is difficult to reach the receivers.

Switch ON/OFF the receiver you'd like to match for three times and switch on	Switch on the wall-mounted touch remote	Touch the colour wheel	LED strip lights connected to the RF receiver flash	The wall-mounted touch remote and receiver are matched and activated

One receiver can be matched up to a maximum of 8 wall-mounted touch remotes.

To cancel the matching: Press "Learning Key" button on the receiver for more than 3 seconds until the LED strip lights connected to the receiver flash.

B. Operating the Wall-mounted Touch Remote

LED INDICATOR: Blue light is ON, Red light is OFF (standby).

When Red light is on (standby), touch ON/OFF before any operating and the indicator will change to Blue light.

ON/OFF: Touch to switch ON/OFF.

RGBW: RED (R) Press R to switch on RED LED lights. Press again to switch off RED LED lights. Long press R to dim up/down the RED LED lights.

Operation to control BLUE (B), GREEN (G) and WHITE (W) is the same.

To create white colour from RGB chip, switch on R, G, B (all three colours).

To switch on the BLUE LED lights only, press B to switch ON.

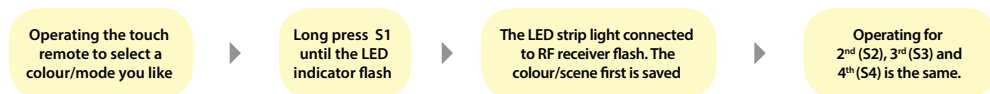NOTE: make sure R, G, and W are switched off.

To light on white colour from White chip only, switch off R, G, B (all three colours).

White (W) can be used in a colour mix with R, G, B to create a soft colours.

COLOUR WHEEL: Touch to select the colour.

PLAY/PAUSE: There are 10 built-in modes. Touch to play the first colour mode, touch again to pause the mode, and touch again to play 2nd colour mode, same operating to continue and sequence through the following modes. Long press to speed up/down the running modes.
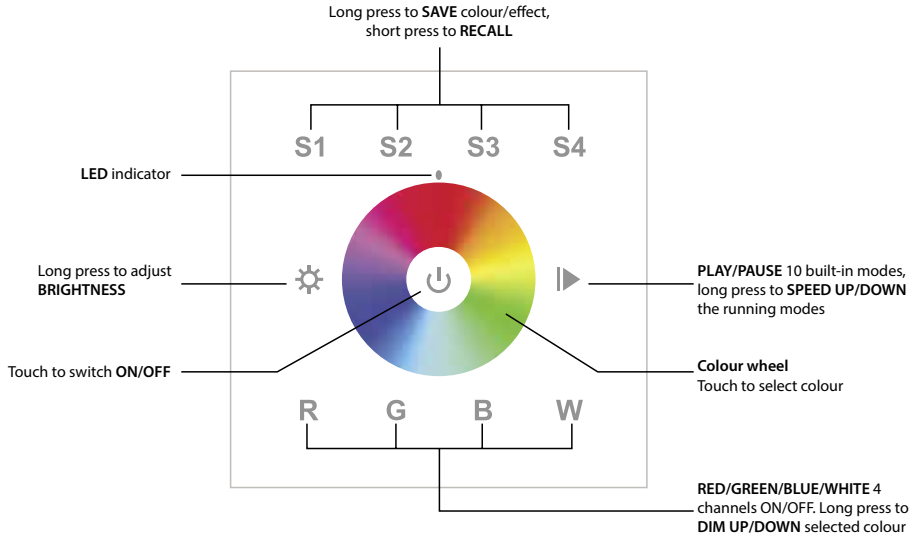
SAVE: Up to 4 colours or scenes can be saved (S1, S2, S3 and S4).

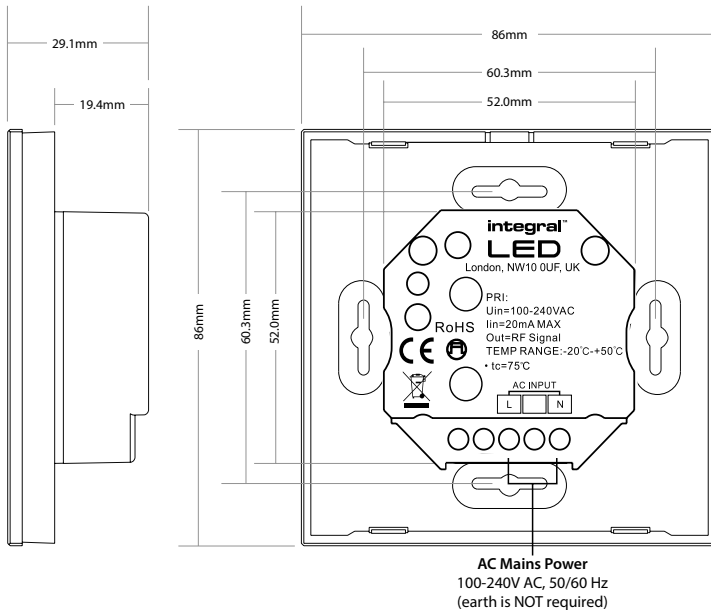|			
Operating the touch remote to select a colour/mode you like	Long press S1 until the LED indicator flash	The LED strip light connected to RF receiver flash. The colour/scene first is saved	Operating for 2nd (S2), 3rd (S3) and 4th (S4) is the same.

RECALL the saved colours/scenes.

When one colour or scene is saved in S1, S2, S3 or S4, to recall it, short press S1, S2, S3 or S4.
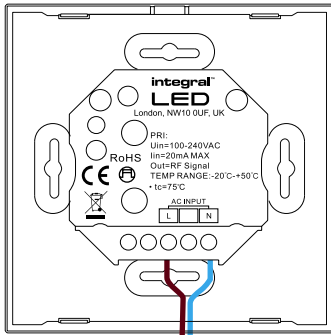
Front of the wall-mounted touch remote

Long press to **SAVE** colour/effect, short press to **RECALL**

S1   **S2**   **S3**   **S4**

LED indicator

Long press to adjust **BRIGHTNESS**

Touch to switch **ON/OFF**

PLAY/PAUSE 10 built-in modes, long press to **SPEED UP/DOWN** the running modes

Colour wheel
Touch to select colour

R   **G**   **B**   **W**

RED/GREEN/BLUE/WHITE 4 channels ON/OFF. Long press to **DIM UP/DOWN** selected colour

Back of the wall-mounted touch remote

29.1mm

19.4mm

86mm

60.3mm

52.0mm

86mm

60.3mm

52.0mm

integral™
LED
London, NW10 0UF, UK

RoHS

CE ℞

PRI:
Uin=100-240VAC
Iin=20mA MAX
Out=RF Signal
TEMP RANGE:-20℃-+50℃
tc=75℃

AC INPUT
L   N

AC Mains Power
100-240V AC, 50/60 Hz
(earth is NOT required)

C. Installation - Wiring diagram

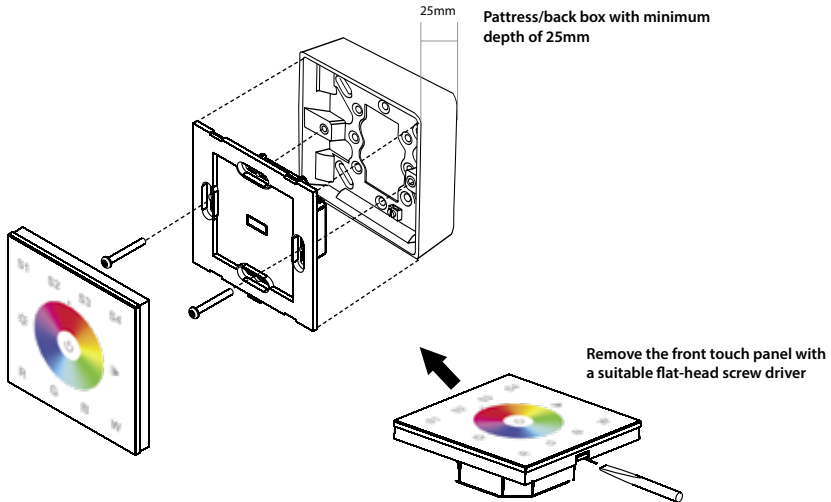This wall-mounted touch remote requires 100-240V AC 50/60 Hz
mains power and fits a standard single pattress/back box
with minimum depth of 25mm.

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London, NW10 0UF, UK

PRI:
Uin=100-240VAC
Iin=20mA MAX
Out=RF Signal
TEMP RANGE:-20℃-+50℃
• tc=75℃

RoHS

CE

AC INPUT
L   N

Mains power
100-240V AC, 50/60 Hz
(earth is NOT required)

N (Neutral-Blue)
L (Live-Brown)

25mm

**Pattress/back box with minimum
depth of 25mm**

S1
S2
S4

**Remove the front touch panel with
a suitable flat-head screw driver**

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

CE