integral™ LED

Integral LED RF Single Colour
Wall-mounted Touch Remote
ILRC020

> ⚠ **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 Single Colour wall-mounted touch remote is designed to work with the Integral LED receiver (ILRC014) and any single colour strip. The wall-mounted touch remote can be used to control four zones of strip lighting. You will be able to switch on/off and dim the strip to your ideal level for each independent lighting zone. You can change the mood and look of your space instantly.
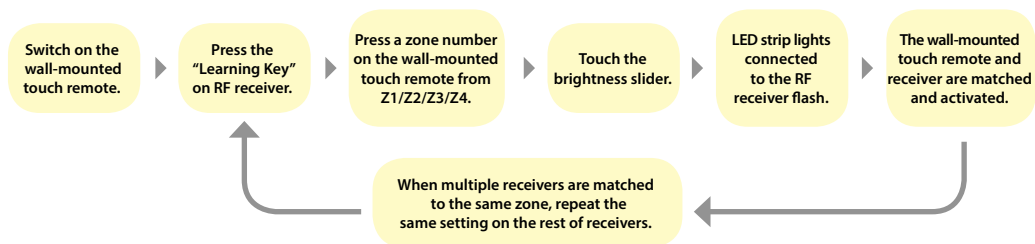
2. PARAMETER

- 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: Single colour
- Control Zone: 4 zones synchronously and independently
- Remote Distance: 20-30 metres
- IP rating: IP20
- Working Temperature: -20°C to 50°C

- Relative Humidity: 8% to 80%
- Product Colour: White (ILRC020) interface available
- Dimensions: L86×W86×29.1(mm)
- Weight (N.W.): 200g
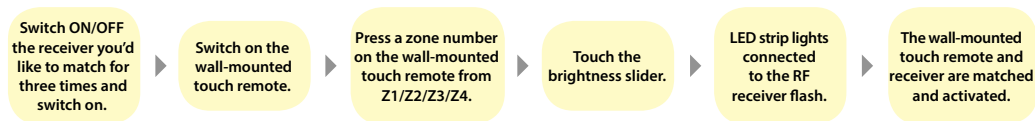
3. OPERATING INSTRUCTIONS

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

The RF single colour wall-mounted touch remote (ILRC020) 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 using the "Learning Key" on receiver(s).

| Switch on the wall-mounted touch remote. | ▶ | Press the "Learning Key" on RF receiver. | ▶ | Press a zone number on the wall-mounted touch remote from Z1/Z2/Z3/Z4. | ▶ | Touch the brightness slider. | ▶ | 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 zone, repeat the same setting on the rest of receivers.

Alternative way to match RF receiver when it is difficult to access 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. | ▶ | Press a zone number on the wall-mounted touch remote from Z1/Z2/Z3/Z4. | ▶ | Touch the brightness slider. | ▶ | 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 with 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

For all operation, first select a zone number from Z1, Z2, Z3 and Z4, then follow the instruction below to activate the selected zone.
ON/OFF INDICATOR: Blue light is ON, Yellow light is OFF (standby).
When Yellow light is on (standby), touch ON/OFF before operating and the indicator will change to Blue light.
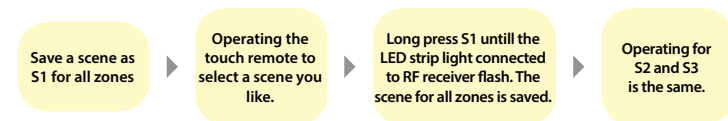**ON/OFF:** Touch to switch ON/OFF for all zones.
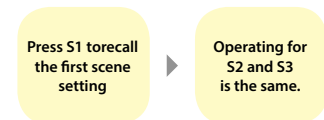**BRIGHTNESS SLIDER:** Touch to select the brightness.

SAVE scene setting. (Saves a scene setting across all zones)
e.g. S1 to be set as morning mode – 80% brightness. S2 to be set as midday mode – 100% brightness. S3 to be set as evening mode – 20% brightness.
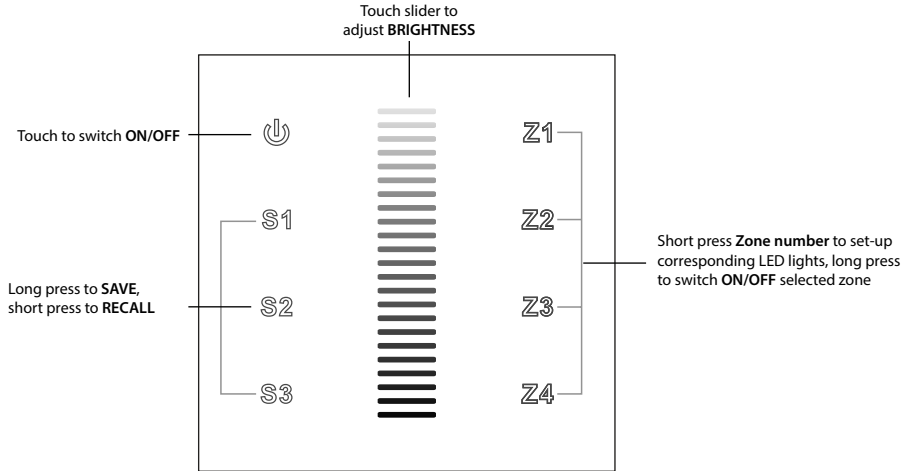Touch S1 to change all zones to 80% brightness. Touch S2 to change all zones to 100% brightness. Touch S3 to change all zones to 20% brightness.
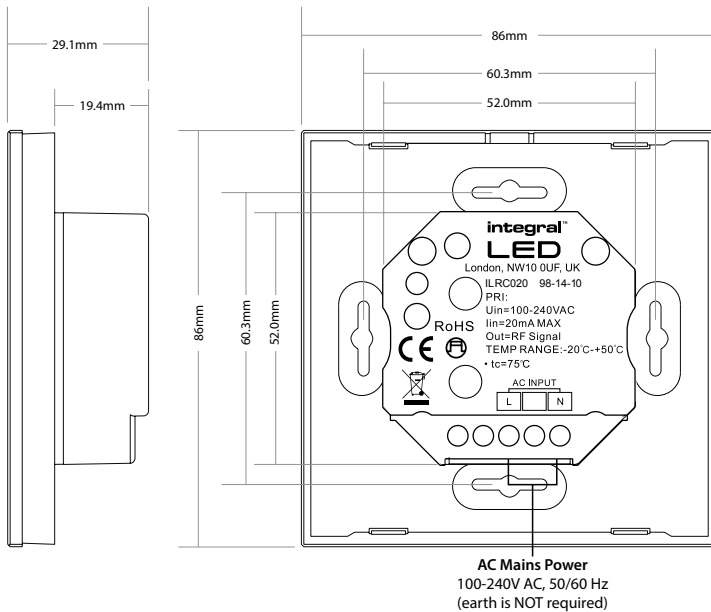
| Save a scene as S1 for all zones | ▶ | Operating the touch remote to select a scene you like. | ▶ | Long press S1 untill the LED strip light connected to RF receiver flash. The scene for all zones is saved. | ▶ | Operating for S2 and S3 is the same. |

RECALL the saved scene setting.

| Press S1 torecall the first scene setting | ▶ | Operating for S2 and S3 is the same. |

Front of the wall-mounted touch remote

Touch slider to
adjust **BRIGHTNESS**

Touch to switch **ON/OFF**

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S1

Long press to **SAVE**,
short press to **RECALL**

S2

S3

Z1

Z2

Short press **Zone number** to set-up
corresponding LED lights, long press
to switch **ON/OFF** selected zone

Z3

Z4

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
ILRC020   98-14-10
PRI:
Uin=100-240VAC
Iin=20mA MAX
Out=RF Signal
TEMP RANGE:-20°C-+50°C
• tc=75°C

RoHS

CE

AC INPUT

L   N

AC Mains Power
100-240V AC, 50/60 Hz
(earth is NOT required)
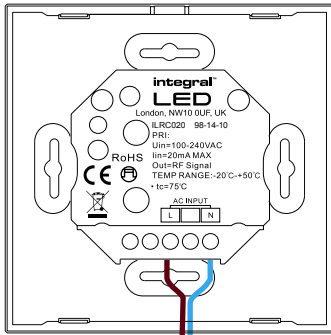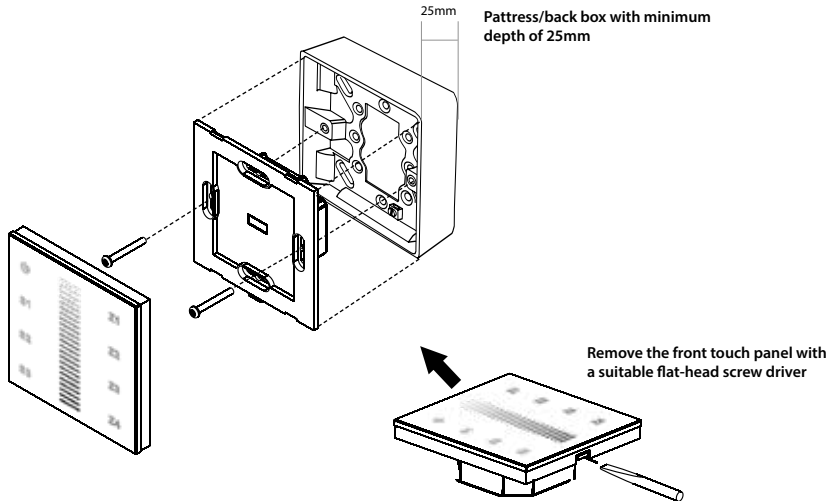
C. Installation - Wiring diagram

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.

integral
LED
London, NW10 0UF, UK
ILRC020   98-14-10
PRI:
Uin=100-240VAC
Iin=20mA MAX
Out=RF Signal
TEMP RANGE:-20'C-+50'C
• tc=75'C

RoHS

AC INPUT
L   N

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

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

25mm

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

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