

RGBW LED Remote Control, Hand Held & Receiver

Installation instructions for RGBW LED Hand Held Remote Control & Receiver



Warnings & cautions

- To avoid electric shock, serious injury or property damage, isolate power before installing, removing or servicing the product
- It is recommended that these products are installed by a qualified electrician and the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible.
- Ensure driver and receiver are installed minimum 100mm apart to ensure there is no RF interference
- JCC will not accept responsibility for claims arising from sub-standard installations.
- This product is suitable for indoor use only
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- Do not carry out insulation tests with the product connected to the circuit.
- It is recommended that the ambient room temperature should not exceed 25°C.

Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting the installation.

INSTALLATION

ENGLISH

Receiver Input: 24VDC Maximum 350W 
 Remote Control, Hand Held:
 1 x 3V CR2032 Battery(not supplied)



The JC121449 is a 2.4GHz RF Hand Held Touch Remote Control. It has been designed to operate with the RGBW Receiver JC121448.

The Touch Control is battery operated and does not require any wiring to install. It can control upto 3 zones with a maximum of 10 receivers paired on each zone. It has a maximum control signal distance of 30 metres. **Maximum number of Hand Held Controls that can be paired to the same zones or groups is two.**

The receiver(JC121448) has a maximum output of 350W. The input Voltage is 24VDC and each receiver must have its own driver to match the Wattage of RGBW tape. **The maximum run of RGBW tape must not exceed the maximum Wattage of the driver used for each receiver**

When installing the receivers, each group that your are assigning to a zone(maximum 10) must be on their own circuit or you must be able to switch the power on/off for each group(zone).

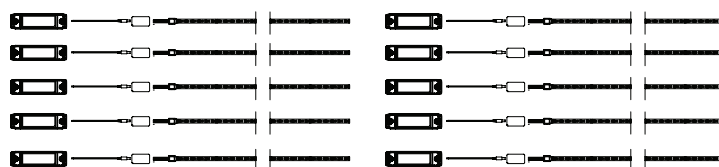
This is so that you are able to pair the groups to a zone on the Remote Control. You will not be able to pair 2 or more groups of receivers to separate zones if they are on the same electrical circuit and cannot be isolated.

Maximum number of 3 Zones for Hand Held Remote (30 Receivers in total)

Zone 1 (10 Receivers max)



Zone 2 (10 Receivers max)



Zone 3 (10 Receivers max)



Important warranty information

This product is supported by a 2-year warranty. Terms and conditions apply. Prior to installation please make a note of the following information directly from the product body. This will assist if you require to contact JCC about your product:

- product code
- Date code number

It remains the responsibility of the installer to ensure this product is suitable for it's intended application, the product warranty will be void if installed in an area not suitable for this product.

You can help protect the environment. Please remember to respect the local regulations: hand in the non-working electrical equipment to an appropriate waste disposal centre. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection service.

Commissioning the Hand Held Remote Control JC121449

To fit battery (1 x 3V CR2032 not supplied), remove the cover on the back of the control, fit battery and then refit cover.

Installing the Receiver JC121448

1. Connect the 24VDC output from the non-dimmable driver to the input on the receiver using DC cable or the DC jack plug(not supplied) as illustrated in Fig.1.
2. Connect the RGBW strip to the receiver output as illustrated in Fig.2.

Hand Held Remote Control pairing set up(Fig.3.)

1. Press the Power button on the Remote Control
2. Turn on mains supply to selected group(zone)
3. Press and hold "Zone" button for 2 to 8 seconds
4. Pairing is completed when the white LED's Flash 3 times
5. Repeat steps 2, 3 and 4 to pair additional groups to zones

Note: The maximum number of hand held remotes that can be paired to a group of receivers is two, to pair the second hand held remote, repeat steps 1 through to 5

Hand Held Remote Control Reset(Fig.3.)

1. Press the power button on the Remote Control
2. Turn on mains supply to selected group(zone)
3. Press and hold selected "Zone" button for 2 to 8 seconds
4. Unpairing is completed when the white LED's Flash 9 times
5. Repeat steps 2, 3 and 4 to unpair additional groups to zones

Scene setting -Dynamic mode

1. Press the power button on the Touch Control
2. Selected zone button
3. Press Dynamic mode button to select preferred scene (10 options see Fig.4.)
4. Press + or - to adjust speed of selected scene
5. Repeat steps 2, 3 and 4 to set scenes for zones and (note: brightness is not adjustable in dynamic mode)

Number	Mode
1	RGB jumping change
2	RGB fade in/out
3	7 colour jumping change
4	7 colour strobe
5	White fade in/out
6	Red fade in/out + flash 3 times
7	Green fade in/out + flash 3 times
8	Blue fade in/out + flash 3 times
9	White fade in/out + flash 3 times
10	Automatic cycle

Fig.4.

Scene setting -manual selection colours

1. Press the power button on the Remote Control
2. Selected zone button
3. Touch colour wheel to select preferred colour
4. Touch to adjust brightness press + or - button
5. Repeat steps 2, 3 and 4 to set scenes for zones (note: speed is not adjustable in this mode)

Scene setting - manual selection button button

1. Press the power button on the Remote Control
2. Selected zone button
3. Press button once will select RGB and white LEDs together
4. Press button again to turn off white LED's
5. Press button and hold for 1 sec to turn off RGB and turn on white LEDs
6. Press + or - to adjust brightness
7. Repeat steps 2, 3 and 4 to set scenes for zones (note: speed is not adjustable in this mode)

Fig.1.

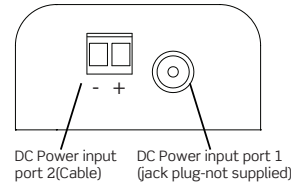
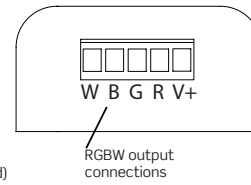
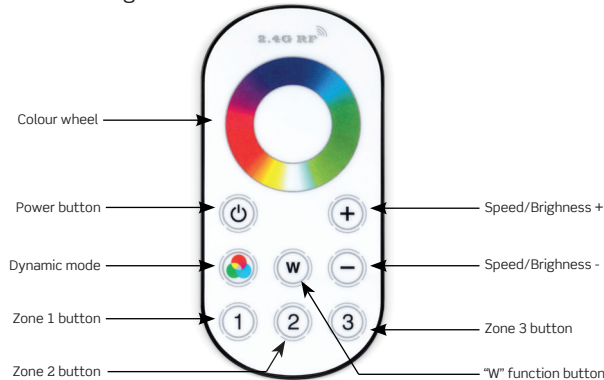


Fig.2.

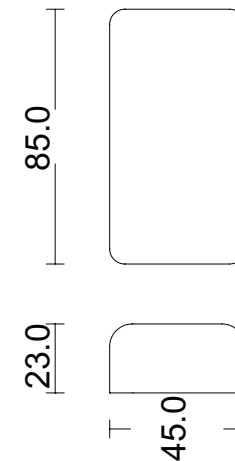


RGBW connection Key:
 W=(WHITE)
 B=(BLUE)
 G=(GREEN)
 R=(RED)
 V+=(Black)

Fig.3.



Receiver dimensions



Remote Control dimensions

