



Declaration of Conformity

We Sunpower Group Holdings Ltd. of Orion House, Calleva Park, Aldermaston, Berkshire, RG7 8SN, UK. declare under our responsibility that our product Professional RF Wireless RGB18 RGBW LED Controller Kit is here with confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility Directive (2014/30/EU).

Wednesday 8th June 2016.

Mark Ellis
Quality Manager



Registered in England: No. 9436662
Registered Office: Orion House, Calleva Park, Aldermaston, Berkshire, RG7 8SN

Installation Instructions

RGB18

PRODUCT FEATURES

This pack contains: Wireless RF RGBW Remote Controller and LED Dimmer Unit. Suitable for dimming and controlling 30 static colours; white RGB and White can be selected and controlled independently. Can be paired with up to 5 other controllers.

INSTRUCTIONS

- Carefully pull out the battery insulation tape from the bottom of the controller to activate.
- Once the remote is active, the RF signal will be transmitted to the LED dimmer RF Remote LED Controller from working properly.
- Ensure the unit isn't enclosed by any obstructions as this may prevent the pairing of the remote.

Pairing the RF Remote

Turn off the power on the main unit and plug in, within 5 seconds, press the Power On / button and white + button together. The indicator light will flash yellow 3 times to indicate the command is accepted. The main unit will then recognise any remote controller. To pair the main unit back to a specific mode, refer to 'Pairing with a new remote' instructions.

Pairing with a new remote

The remote and dimmer unit is paired as a default; however this controller can be paired with up to five other free remote controllers. Turn off the power on the dimmer unit and turn back on, within 5 seconds, press the 'On' and 'White +' buttons together, and then press the 'RED' button in another 5 seconds. The indicator light will flash white 3 times on the remote to show the command has been accepted and recognises the new RF Remote LED Controller. This operation can be repeated with up to 5 remotes.

INSTALLATION

Power Supply

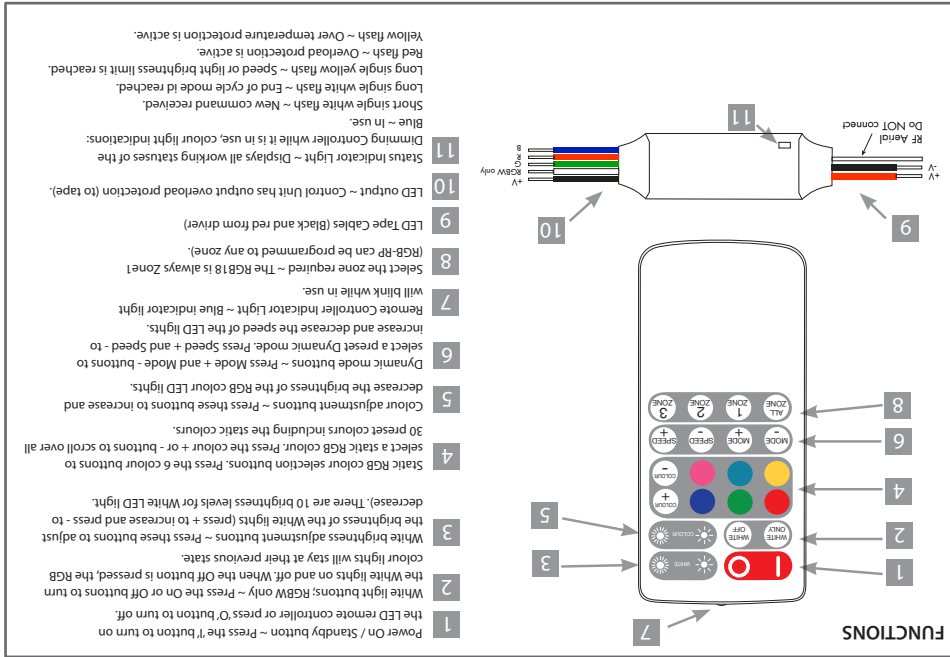
This unit can be used with 12V or 24V LED drivers. The red cable should be connected to LED positive and the black cable to negative. Ensure the driver is suitable for the LEDs requirement. This Dimmer unit supports constant voltage LED products and has a short circuit, overload and over temperature protection function. If installing RGB tape rather than RGBW, the white LED tape cable is not required. As not connected this should be made safe. Note: Do not short circuit or overload the LED output as this may lead to permanent damage.

Remote Control Parameters:

- Working Voltage: 3V (Battery CR2025)
- Working frequency: 433.92MHz
- Distance: 15m
- PWM Control: 256 levels
- Zones: 3
- Weight: 27g
- Dimensions: 115 x 52 x 5mm

Dimming Unit

- Power Input: 6V ~ 24VDC
- RGB Current: 3 x 2.5A
- White Current: 4A
- Dimensions: 87 x 21 x 8.5mm
- Weight: 20g
- Cable Length: 115mm



Professional RF Wireless RGB18 RGBW LED Controller Kit



www.powerled.uk.com