



PROLED L513182 RF RGBW2 Remote Controller User Manual

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Preface

Thanks for choosing PROLED RF RGBW2 REMOTE CONTROLLER. Before installation and use, we strongly recommend you to read this manual carefully. If the device has been damaged during transport, please report this to your supplier immediately. Please don't take any action without contacting your supplier first

Limited Warranty

In case of quality problems we provide free repair or replacement within one year from the day of purchase, if this product has been used properly in accordance with the user's manual, except in following cases:

1. Any defects caused by wrong operation.
2. Any damages caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of chips.
3. Any damages due to transportation, vibration etc. after purchase.
4. Any damages caused by earthquake, fire, lightning, pollution and abnormal voltage.
5. Any damages caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.
6. Product has been updated

Safety Warnings

1. Please don't install this controller during thunderstorms, intense magnetic or high-voltage electrical fields. To reduce the risk of component damage and fire caused by a short circuit, make sure, that all connections are correct.
2. Always be sure to mount this unit in an area with proper ventilation to avoid overheating.
3. Never attempt any repairs yourself; otherwise the manufacturer's warranty will be void.
4. For update information please consult your supplier.

Product description

PROLED RF RGBW2 REMOTE CONTROLLER allows controlling of Luminaires, Panels, Flex Strip etc., by a RF-Signal and a corresponding RF receiver. The controller can control 4 different zones.

Usage is controlled by push buttons as well as a touch sensitive color wheel. Easy usage round up a positive appearance of the product.

Technical Data

| | |
|---------------------|-----------------------------------|
| Modell | PROLED RF RGBW2 REMOTE CONTROLLER |
| Input Voltage | 3x AAA Battery |
| Output | Radio Frequency Signal 868 MHz |
| Power consumption | < 1 W |
| Ambient temperature | -10°C – 45°C |
| Dimensions | 153 mm x 52 mm x 20 mm (LxWxH) |
| Net-weight | 100 g |

Specifications

1. Nearly smooth adjustment of mixed color (RGB) by a color wheel
2. Control of up to 4 zones, separately or parallel
3. 10 dynamic scenes
4. 4 separately dimmable channels



Connection to RF Receiver

Connecting RF remote controller with RF receiver (Method 1):

- a. Connect the RF-receiver according to wiring diagram. Receiver is not part of delivery. Please order separately.
- b. Switch the RF remote controller by touching ON/OFF button.
- c. Press learning key (Learning) at receiver.
- d. Press desired zone button on the remote control.
- e. Touch the color wheel.
- f. Connected LED blink to confirm zone connection.
- g. A longer press (>5 sec.) on learning key until LED blinks confirms, that remote controllers will be deleted.

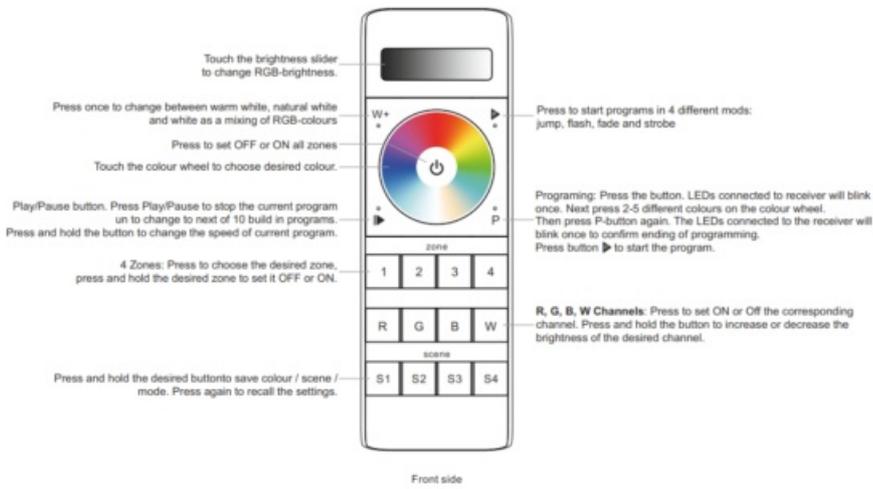


Connecting RF remote controller with RF receiver (Method 2):

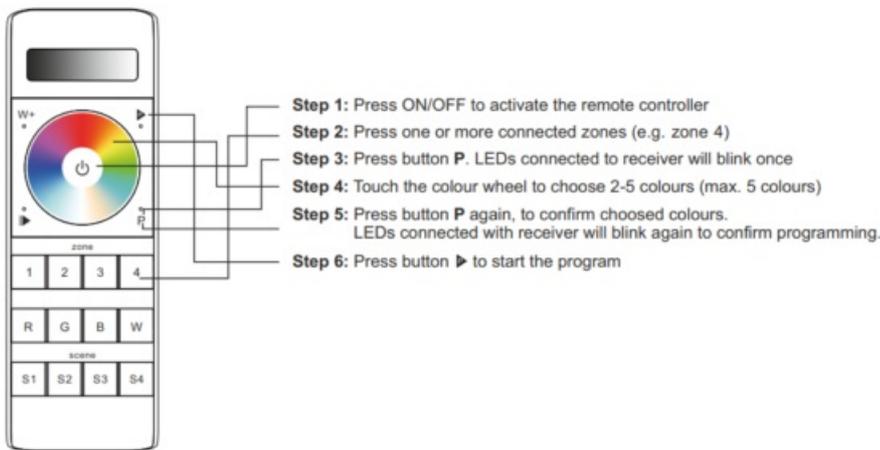
- a. Connect the RF-receiver according to wiring diagram. Receiver is not part of delivery. Please order separately.
- b. Switch the RF remote controller by touching ON/OFF button.
- c. Press learning key (Learning) at receiver.
- d. Press desired zone button twice on the remote control.
- e. Press and hold the same zone button immediately for around 10 seconds.
- f. Connected LED blink to confirm zone connection.
- g. A longer press (>5 sec.) on learning key until LED blinks confirms, that remote controllers will be deleted.



Usage



Program saving



If you want to control more receivers, you have two possibilities:

Possibility 1: All receivers have same zone, e. g. Zone 1

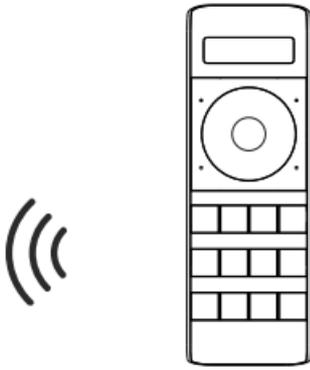
- Zone 1



- RF remote



- RF remote



Possibility 2: Jevery receiver has different zone, e. g. 1, 2, 3 or 4

- Zone 1



- Zone 2



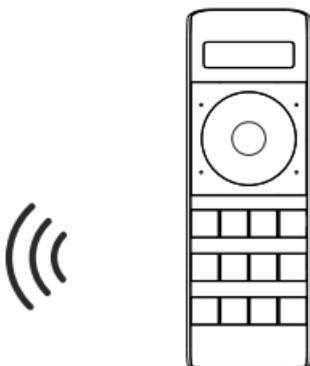
- Zone 3



- Zone 4



- RF remote



How to stop running mode of single color LED light caused by RGBW sender interference:

1. When pairing single color LED light to a single color remote, it might be interfered and paired by nearby RGBW senders, which might control the single color light into running mode. The running mode can not be stopped by the paired single color remote or by deleting pairing.
2. Then we need this remote, and pair the remote to the receiver via above “ **Connecting RF remote controller with RF receiver (Method 2)**”, then touch the color wheel to stop the running mode.
3. Then delete pairing and pair the receiver to the single color remote again. It can be controlled by the remote again.

CUSTOMER SUPPORT

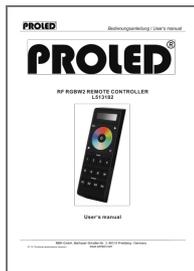
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www.proled.com

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Documents / Resources



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L513182 RF RGBW2 Remote Controller, L513182, RF RGBW2 Remote Controller, RGBW2 Remote Controller, Remote Controller, Controller

References

- [PROLED: proled.com](http://www.proled.com)
- [User Manual](#)

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