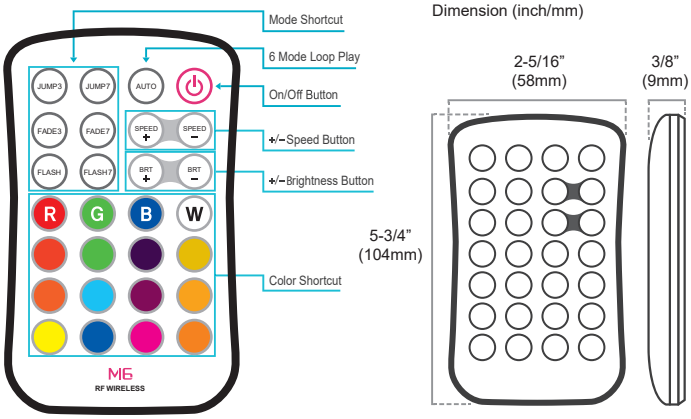
RGBW-SZ | RF Remote Control Single Zone

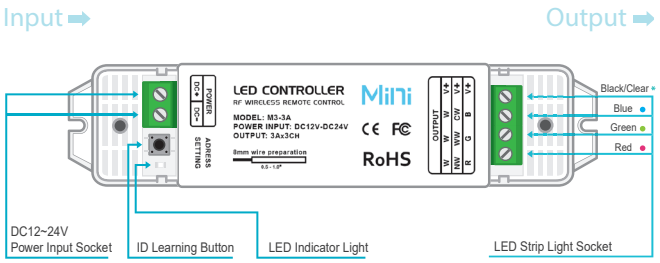
CONTROL



Dimension (inch/mm)

BATTERY
Typical watch battery from local hardware store.
Replace with CR2032 battery.

RECEIVER



DETAILS

Description

The Remote Control and Receiver Combo for RGB Strip Lights - MiniXR Series uses the most advanced RF wireless transmission technology.
The system consists of two parts: the handheld remote control and the in-line receiver.

Allows you to quickly change colors and select a variety of pre-programmed modes such as fading, flashing and strobing.
Also allows for speed and brightness control.

This unit is compatible with any RGB (Color Changing) LED strips.

Signal Range	Output Power
165 ft (50 m)	24V DC: 216w

SYNC INSTRUCTIONS

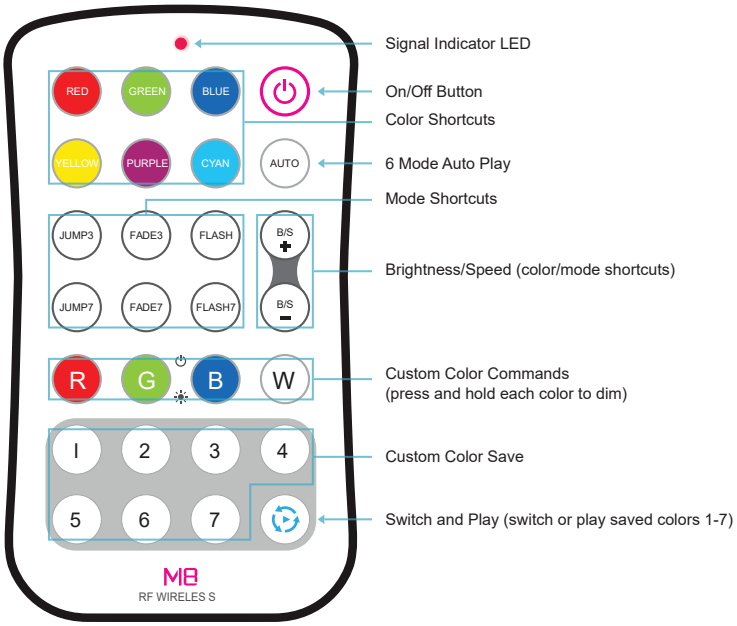
Syncing instructions for the MiniXR controller:

1. Open the lighting fixture to find the receiver inside. Located next to the ADDRESS SETTING label you will find the small black ID Learning Button and the red LED indicator light.
2. The red LED indicator light will blink at a slow pace which simply tells you that the in-line receiver is receiving power from the power supply.
3. Now quickly press the little black ID Learning Button once. The red LED indicator light will turn solid. While it is solid, touch any button on the handheld remote control. The red LED indicator light will blink rapidly for a moment to notify you that it has been synced correctly with that particular handheld remote control. Then it will blink at the slow rate as in step 2.

SAFETY AND WARNINGS

- Install in accordance with the National Electric Code, and local regulations.
- This product should be installed and serviced by a qualified electrician.
- Do not connect directly to high voltage 120V AC power.
- This product is rated for indoor installation and is not protected against moisture.
- Proper heat dissipation will prolong the working lifespan of this product. Install in a well ventilated area.
- Only install compatible LED drivers and fixtures. Contact Technical Support or visit the product page for compatible accessories.
- Ensure applicable wire is installed between driver, fixture, and any controls in between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc). Inadequate wire installation could overheat wires and cause fire.
- Utilize the wiring diagrams in this installation guide for basic setups.

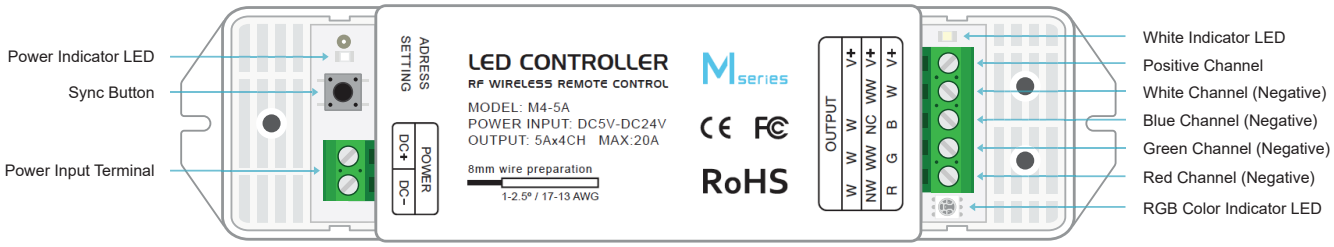
REMOTE CONTROL



DETAILS

Maximum Load:	24V DC 480W
Working Voltage:	3V (CR2032 battery)*
Working Frequency:	433.92MHz
Max. Signal Range:	130ft (40m)
Working Temp:	-4°F ~ 131°F (-20°C ~ 55°C)
Dimensions:	H: 4 1/4" (104mm) W: 2 5/16" (59mm) D: 3/8" (9mm)**
Weight:	1.48oz (42g)
Warranty:	2 years
*Replace with CR2032 battery (Standard watch battery from local hardware store) **Comes with a wall mount for easy storage	

RECEIVER



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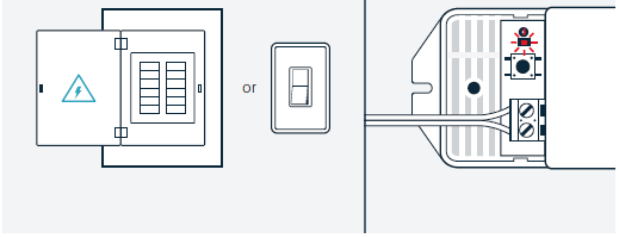
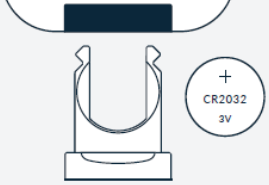
SYNC INSTRUCTIONS

1.



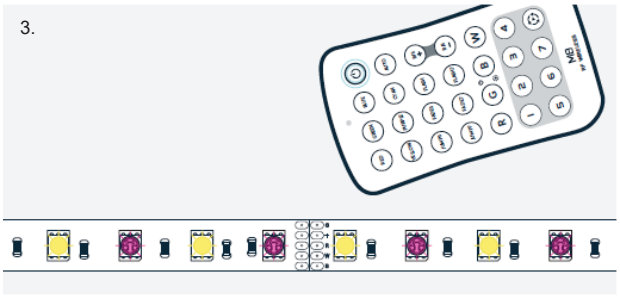
Turn the main breaker for the AC line back on to power your non-dimmable power supply. The red Power Indicator LED on the receiver will start flashing slowly demonstrating that it's getting power.
The receiver is located inside the lighting fixture.

2.



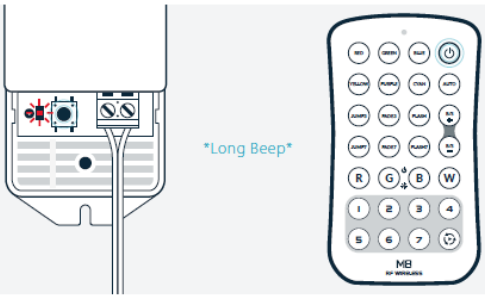
Open the tray on the back of the remote and make sure the battery doesn't have the protective plastic.

3.



Press the Power Button on the remote control, the LED strip will turn on.

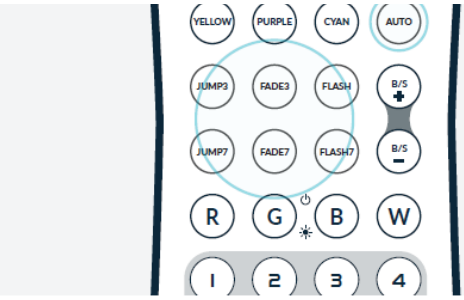
4.



Press the black Sync Button on the receiver once and the the Power Indicator LED will remain static, then quickly press any button on the remote and the Power Indicator LED will flash faster then continue flashing at a slower pace as before. The remote is synced. (To reset the receiver and try again, press and hold the sync button until it beeps twice (about 10 seconds). The receiver is reset)

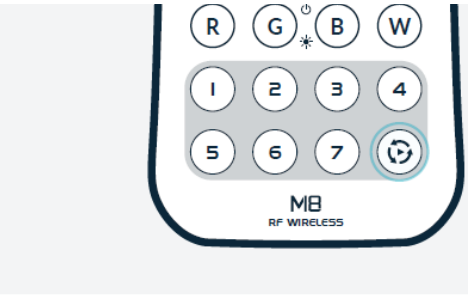
ADDITIONAL FEATURES

Preset Colors
There are 6 preset colors on the remote, Red, Green, Blue, Yellow, Purple and Cyan. Use the B/S+ or B/S- to control the brightness for these preset colors.



Preset Modes
There are 6 preset modes on the remote, Jump3, Fade3, Flash, Jump7, Fade7 and Flash7. Use the B/S+ or B/S- to control the speed for these preset modes . Use the AUTO button to scroll through all the preset modes.

Create A Custom Color
The R, G, B and W buttons are used to adjust the brightness on the red, green, blue and white channels independently. Simply press and hold each relative button to create any color and brightness desired. Then save by pressing and holding the number (1-7) you'd like to save the color to for 2 seconds. In the future simply quick press the number it was saved to access the color you created.



Scroll Through Your Custom Colors
Use the Switch and Play button to scroll through your custom colors saved in 1-7 by pressing and selecting the mode you wish the colors to go through (Jump, Fade or Flash).

TROUBLESHOOTING

If your lights are not turning on or flickering:

- Check that the red Power Indicator LED on the Power Input side of the receiver is flashing. If it's not flashing the receiver isn't getting power, make sure the polarity of the power supply wires match the polarity of the channels on the Power Input Terminal.
- If the red Power Indicator LED on the Power Input side is flashing normally, check the polarity on the Power Output side. Make sure you have matched the markings on the LED strip to the channels on the receiver.
- Make sure all the connections (solderless connectors, solder joints, terminal blocks, and spliced wires) are secure and making correct contact.
- Check that you have a compatible power supply, low voltage non-dimmable power supply that is big enough to handle the load of the LED strips you are using.

If you are missing color temperatures or they don't match:

- Check the connections on the Power Output (LED side) of the receiver, the black, red, green and blue wires need to match the letters on each of the channels V+, B, G and R. Make sure the wires are properly stripped and contact in the screw terminals is done on the metal wire and not on the plastic insulation.
- If you have soldered the connection, make sure none of the solder points are touching each other, this will make the the channels that are touching work simultaneously.
- If you are using solderless connectors, apply preasure on the connector. If the issue is resolved with preassure change that connector. It could be faulty.
- Make sure you follow the letters indicating polarity on the LED strip throughout your setup when cutting the strip to avoid changing the colors from one section to another.

WARRANTY

Limited Warranty on Purchased Items:

This limited warranty does not include product failures that are the result of:

1. Not using a voltage regulated driver to connect the LED product or controls;

2. Connecting LED products to the wrong Output Voltage;

3. Improper connection of drivers, LED products, or controls;

4. Connecting LED products or controls directly to any AC power source;

5. Connecting drivers backwards to an AC power source;

6. Using products in an extremely hot or cold environment and/or without adequate ventilation as overheating will cause the LEDs and transformers to fail more quickly;

7. Water damage to products not specifically sold as waterproof products;

8. Electrical power surges;

9. Damage from hail, flooding, tornado, fire, wind, earthquake, lightning, electrical storm, or any other natural disaster;

10. Damage caused by a vehicle or other accident;

11. Damage caused when transporting the item;

12. Damage to any products that were modified by the user, used for purposes other than as intended or directed, or connected to LED systems or components not purchased from Utopia Lighting.

This limited warranty also expressly excludes coverage for excessive wear and tear and/or physical or accidental abuse, loss, or theft. Improper repair or warranty service performed by someone other than Alcon Lighting will void this warranty. The customer is responsible for the safe transport of any item sent to Alcon Lighting for warranty service.

If you have an item you believe to be faulty, contact Alcon Lighting immediately and request tech support. You may be required to provide photos, videos, and/or descriptions of the item(s) not performing properly. Failure to comply and provide the information requested by Alcon Lighting will result in a void of warranty.

If a product is deemed faulty by a technician/representative, then a return shipping label and a Return Goods Authorization (RGA) form will be sent out immediately. Once Alcon Lighting receives the product, we will test the item(s) to better understand where the fault in the product lie(s).