Important: Read all instructions prior to installation.

Battery Powered RGB Strip Kit

Parts Included

SKBPRF-RGB30
2 - 19.7" (0.5m) Weatherproof RGB LED Flexible Light Strip (WFLS-RGB15-WHT)
1 - Mini RGB LED Controller with RF Remote (MCBRF-RGB4)
1 - 12 Volt AA Battery Power Supply (BPS-12VDC-AA)
6 - Dolphin Super B Connector (DC-1-S)

SKBPRF-RGB60
2 - 39.4" (1m) Weatherproof RGB LED Flexible Light Strip (WFLS-RGB30-WHT)
1 - Mini RGB LED Controller with RF Remote (MCBRF-RGB4)
1 - 12 Volt AA Battery Power Supply (BPS-12VDC-AA)
6 - Dolphin Super B Connector (DC-1-S)

Specifications

- Strip Operating Voltage: 9~14.8 VDC
- Controller Operating Voltage: 5~~24VDC
- Beam Angle: 180°
- Lumen (Max): 402 Lumen
- Dimmable: Yes
- Strip IP Rating: Weatherproof (IP65)
- 5050 SMD LEDs
- Adhesive backing on strips
- Strip Lengths: 19.7" or 39.4"

Cautions

Connect strips prior to applying power to the controller.
Be sure to mount controller and the battery power supply in dry locations only. The LED strips are rated for wet locations.
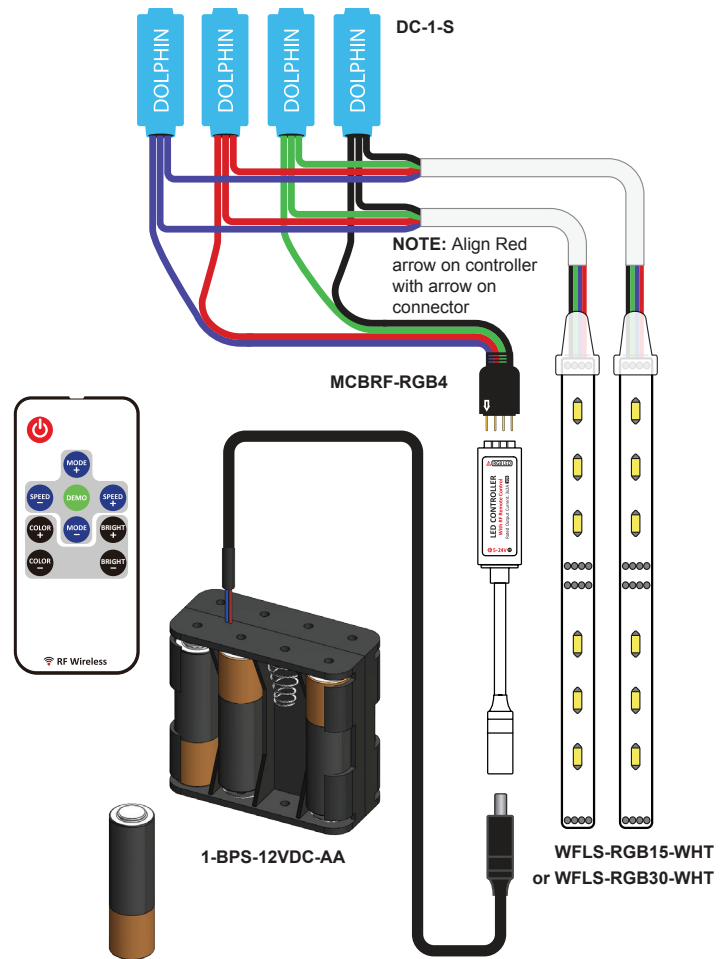
WARNING: Mini Dimmer and Battery Pack are not waterproof.

Installation

Installation
1. Make sure the mounting surface is between 45°F ~ 80°F to achieve the strongest bonding results from strips adhesive backing. Ensure the installation surface is clean and dry, free from any oils, dirt, wax, and moisture.

2. Using the diagram as a guide, insert the (+) black wire from the controller into a dolphin connector. Then Insert the two (+) black wires from the two strips into the dolphin connector and crimp using a manual or ratcheting crimp tool.

3. Insert the (-) red wire from the controller into a dolphin connector. Then Insert the two (-) red wires from the two strips into the dolphin connector and crimp using a manual or ratcheting crimp tool.

4. Insert the (-) green wire from the controller into a dolphin connector. Then Insert the two (-) green wires from the two strips into the dolphin connector and crimp using a manual or ratcheting crimp tool.

5. Insert the (-) blue wire from the controller into a dolphin connector. Then Insert the two (-) blue wires from the two strips into the dolphin connector and crimp using a manual or ratcheting crimp tool.

6. Install the 8 AA batteries (not included) into the BPS-12VDC-AA power supply.

7. Plug the end of the CPS connector on the BPS-12VDC-AA power supply into the MCBRF-RGB4 controller.

Diagram

DC-1-S

NOTE: Align Red arrow on controller with arrow on connector

MCBRF-RGB4

RF Wireless

1-BPS-12VDC-AA

WFLS-RGB15-WHT or WFLS-RGB30-WHT

Operation

RF Wireless

1. Power
Press the power to toggle the unit on or off. Retains last setting between power off and power on.

2. Mode(+)/Mode(-) Dynamic Modes
Dynamic modes feature a variety of transitions and patterns, with 21 distinct modes.
These buttons initiate dynamic color changing mode and cycle through the modes in ascending(+) or descending(-) order.

3. Speed(+)/Speed(-) Speed Level
Increases(+) or decreases(-) the tempo of the currently active dynamic mode. Initiates dynamic mode if static color mode is currently active.

4. Demo Mode
Initiates demo mode. demo mode cycles through 21 individual dynamic modes, repeating each mode 3 times.

5. Color(+)/Color(-) Static Colors
Initiates static color mode and cycle through the 20 colors in ascending(+) or descending(-) order.

6. Increase(+)/Decrease(-) Static Color Brightness Level
Increases(+) or decreases(-) the brightness of the currently active static color. Initiates static color mode if dynamic mode is currently active.