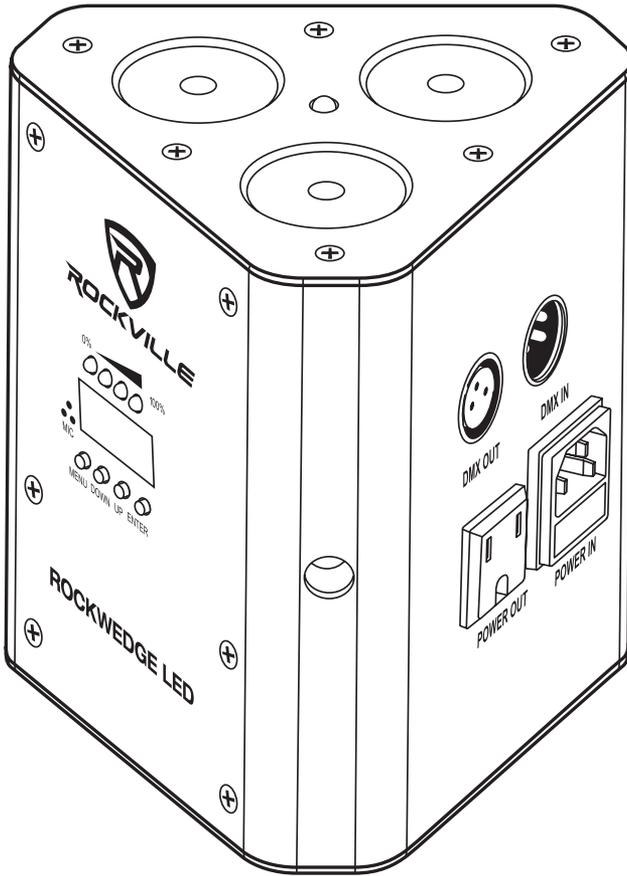


ROCKVILLE



OWNER'S MANUAL



ROCKWEDGE LED

54W RGBWA+UV WIRELESS DMX PAR
LIGHT w/RECHARGEABLE BATTERY

Thank you for purchasing this Rockville ROCKWEDGE LED 54W RGBWA+UV Wireless DMX Par Light w/Rechargeable Battery.

Please read this installation guide carefully for proper use of your Rockville ROCKWEDGE LED. Should you need technical assistance, please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

INCLUDES

- Par light
- Remote control
- Power wire
- Mounting clamp
- Owner's manual
- Warranty card

IMPORTANT SAFETY INSTRUCTIONS



NO USER SERVICEABLE PARTS INSIDE. WE RECOMMEND TAKING THE UNIT TO A QUALIFIED SERVICE TECHNICIAN FOR ANY REPAIRS.

- To reduce risk of electric shock, never open the unit. There are no user serviceable parts; refer service to an authorized Rockville service center.
- Avoid looking directly into the lights.
- Do not expose this unit to any kind of moisture.
- The product's housing may become hot during operation. Do not touch.
- Please ensure that the unit is situated in a properly ventilated area. Allow at least 20 inches between this device and a wall.
- This device has an IP20 rating and is intended for indoor use only.
- Maximum operating temperature is 104°F (40°C).
- Do not operate this unit when the cover is open.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to break off or remove the ground prong. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Never plug this unit into a dimmer pack.
- Do not operate this unit if it is damaged.
- This unit is intended for indoor use only.
- During long periods of non-use, disconnect the unit from power source.
- Always mount this unit in a safe and stable manner.
- Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point of exit from the unit.
- To avoid unnecessary wear and to improve the unit's lifespan, unplug the unit when not in use for extended periods of time.



ATTENTION

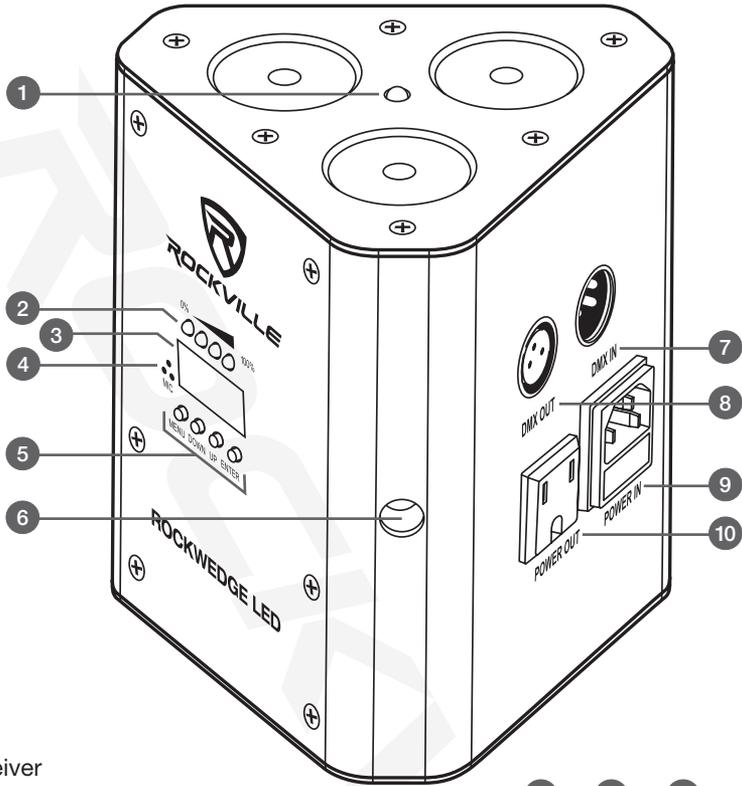
Please charge fixture for 10 hours before initial use.

To charge the light: plug in the power cord, turn off the black main power switch, and turn on the red battery power switch.

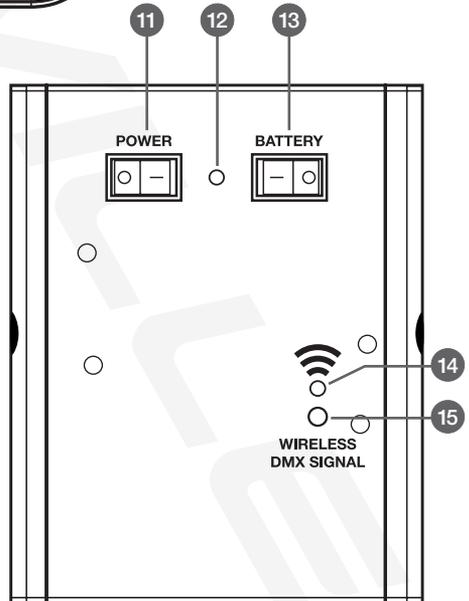
Always charge your light for 8 – 10 hours.

This will help extend the battery's life span.

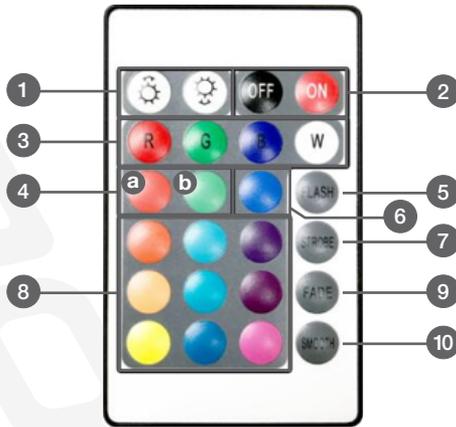
FUNCTIONS



1. IR Receiver
2. Battery level LED indicators
3. LCD display shows unit status
4. Sound mode mic
5. Menu: Enter menu mode
Down: Scroll down through menu
Up: Scroll up through menu
Enter: Confirm selection
6. Mounting bracket hole (Four total: One on each side and one on the bottom)
7. DMX in
8. DMX out
9. IEC AC power socket with serviceable fuse
10. Power out



Remote Control



1. Dimming/Speed/Up-Down: Adjusts the brightness of the fixture when manually adjusting colors. In Auto Mode, the buttons are used to adjust the speed of the selected program. In color mixing mode, they serve as up and down buttons.
2. On/Off buttons
3. Red, Green, Blue, and White LED buttons
4. (a) Amber and (b) UV buttons
5. Flash: Activate/deactivate auto color switching mode
6. Color mixing: press this button to activate mode, then use the Dimming/Speed buttons to cycle through 32 available colors.
7. Strobe: Activate/deactivate strobe mode
8. Color select: use these buttons to select a specific color.
9. Fade: Activate/deactivate auto fade mode
10. Smooth: Activate/deactivate sound mode

Charging

There are two switches on the rear panel of the light. The black switch is for power and the red switch is for battery operation. When charging the light, turn off the black main power switch, and turn on the red battery power switch. The LED indicator between the power and battery switches will be red when the unit is charging. Once the unit is fully charged, the LED will be green. For prolonged battery life we recommend fully charging the unit before first use (10 hours) and charging for 8 – 10 hours whenever the battery is depleted.

Setting Wireless Frequency Groups

The ROCKWEDGE features seven individual 2.4GHz groups so you can organize your fixtures. Each group is represented by a color. Use the wireless frequency set button to select any one of the seven available group colors. Make sure all the other fixtures within that group are set to the same group color.

OPERATION

Master/Slave Function

1. Connect to power source and turn on all fixtures.
2. Connect all fixtures wirelessly or via the DMX IN/DMX OUT ports. If connecting wirelessly, make sure that all fixtures are set to the same frequency group. See the “Setting Wireless Frequency Groups” section on the previous page.
3. Set all fixtures to DMX mode A001 (10CH) or D001 (6CH) on the panel display.
4. Select one fixture to be the master. All other fixtures will follow the master fixture.

Display Codes

Use the MENU button to enter the settings menu. Use the UP and DOWN buttons to select the desired setting and set their values. Press and hold the UP and DOWN buttons to scroll quickly through the menu options. Press the ENTER button to save your selection.

Display Mode	Value	Description
A001	(A001 – A512)	10 Channel mode
D001	(D001 – D512)	6 Channel mode
CL01	(CL01 – CL32)	Static mixing mode
CC99	(CC01 – CC99)	Color change mode
EE99	(EE01 – EE99)	Gradual color change mode
FF99	(FF01 – FF99)	Sudden color change mode
ST99	(ST01 – ST99)	All color on and strobe
SE60	(SE01 – SE99)	Sound control mode sensitivity adjustment
SOU1	(SOU1) (SOU2) (SOU3)	Sound control mode color change Sound control mode color change and strobe Sound control mode sudden color change
LED	(ON/OFF)	LED mode on/off
IRCL	(ON/OFF)	IR Remote mode on/off
2.4G	(ON/OFF)	Wireless DMX on/off
T 00	(00)	Temperature
TEST	(R/G/B/W/Y/P/RGBWYP)	Self-test mode
R255	(R000 – R255)	Manual dimming
G255	(G000 – G255)	Manual dimming
B255	(B000 – B255)	Manual dimming
W255	(W000 – W255)	Manual dimming
Y255	(Y000 – Y255)	Manual dimming
P255	(P000 – P255)	Manual dimming

DMX Controller Function

When using a DMX controller, use the chart below to reference each channel's function.

6 Channel Mode

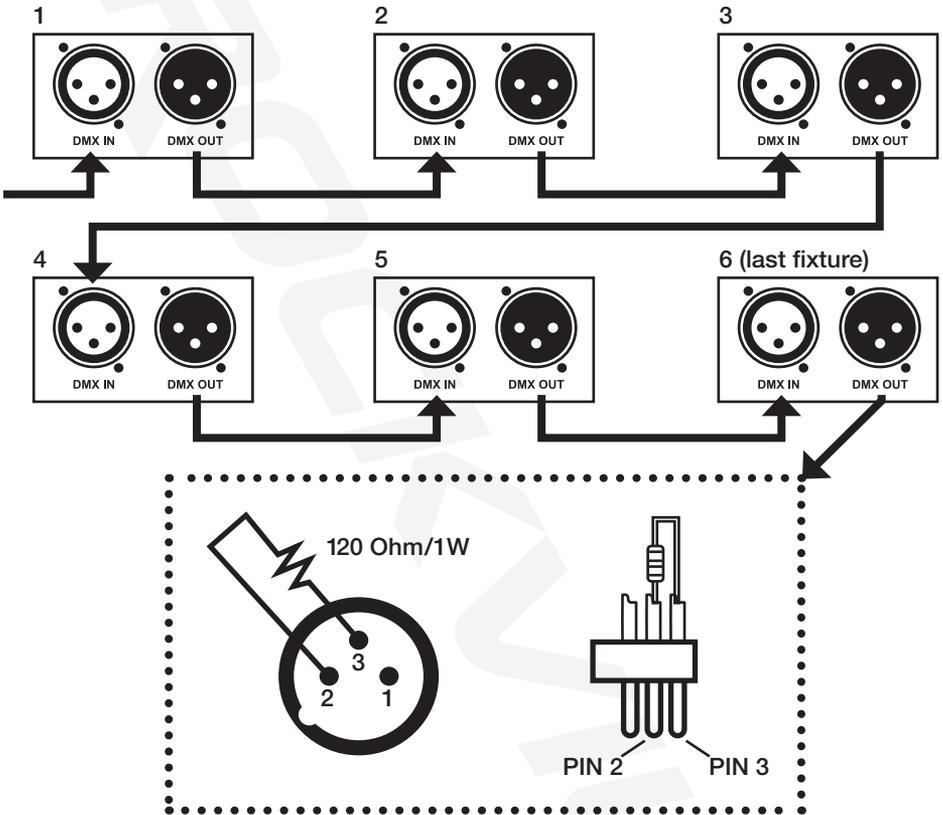
Ch.	Function	Value	Description
1	Red Dimmer	0 – 255	Adjust individual LED brightness
2	Green Dimmer	0 – 255	
3	Blue Dimmer	0 – 255	
4	White Dimmer	0 – 255	
5	Amber Dimmer	0 – 255	
6	Purple Dimmer	0 – 255	

10 Channel Mode

Ch.	Function	Value	Description
1	Master Dimmer	0 – 255	Adjust individual LED brightness
2	Red Dimmer	0 – 255	
3	Green Dimmer	0 – 255	
4	Blue Dimmer	0 – 255	
5	White Dimmer	0 – 255	
6	Amber Dimmer	0 – 255	
7	Purple Dimmer	0 – 255	
8	Strobe	0 – 255	
9	Close	0 – 8	No function
	Color Selection Mode	9 – 50	Functions
	Auto Color Mode	51 – 100	
	Auto Sudden Mode	101 – 150	
	Auto Fade Mode	151 – 200	
	Sound Mode 1	201 – 220	
	Sound Mode 2	221 – 240	
Sound Mode 3	241 – 255		
10	Color and Speed	0 – 255	

DMX Termination (Optional)

The last fixture of a DMX chain has to be “terminated.” This prevents electrical noise from disturbing and corrupting the DMX control signals. To terminate the last fixture, solder a ¼ Watt, 120 Ohm resistor across the DATA - and DATA + wires. The connections are illustrated below. If you are only connecting a few fixtures that are close together and use a short run to the controller, you may be able to operate without a terminator.



MOUNTING

Please follow the directions below for safely hanging the ROCKWEDGE LED on a truss. You will need an adjustable wrench and pliers. Please use a safety cable when hanging the fixture. This will prevent any injuries in the event that the fixture falls.



STEP 1

Attach your mounting clamp to any one of the four mounting holes located on the sides and bottom of the fixture.

****PLEASE NOTE: Your mounting clamp may differ from the one used in our installation instructions. Make sure to refer to your clamp's specific mounting instructions for proper use.**



STEP 2

Attach the clamp to a truss. Adjust the angle (A) and direction (B) as needed. Next, tighten the wing nut (C).

FEATURES AND SPECIFICATIONS

- 100% true wireless! Built-in 2.4GHz Wireless DMX 512 receiver allows you to link multiple lights together without wires
- Built-in rechargeable battery allows you to use the lights without plugging them in, making your setup 100% wireless
- Light Source: 3 LEDs/18 Watts each LED
- Each LED is a 6-in-1 RGBWA+UV (RED, GREEN, BLUE, WHITE, AMBER + ULTRA VIOLET)
- DMX control channels: 6 or 10 channels
- DMX input and output (3 pin)
- 50,000 hours life expectancy
- RC wireless remote control included for easy wireless control
- Super bright: 6500 lux @1m (way brighter than others on the market)
- Large 4-digit color LCD display - for easy color mixing & operating. Our interface is the easiest to use on the market
- Easy to operate either through the large LCD display, remote control, DMX controller, built-in programs, or sound activated mode
- Easy color mixing on one screen
- LED angle: 30 degree (±5)
- Built-in 7,500 mAh lithium battery
- Battery indicator above LCD display so you always know how much longer your battery will last
- Single color run time: **Red:** 36 hours/**Green:** 28 hours
- Double color run time: 14 hours
- All colors run time: 8 hours
- Recharge time: 4 hours
- Battery will still perform perfectly even after hundreds of charging cycles
- Built-in battery overcharge protection
- Power supply: AC110V-220V/50-60Hz
- Power consumption: 25w
- Automatic modes: color change, strobe, dimmer, gradual color change, jump change, sound activated
- Flicker-free lights
- Colors: 16.7 million colors
- 1-year warranty
- White housing
- Create customized colors using the built-in LCD display
- 110/220 switchable for use in any country
- Unit dimensions: 6.69" x 6.69" x 8.86"

Troubleshooting

PROBLEM	SOLUTION
No power	<ol style="list-style-type: none">1. Make sure the unit is plugged in and the black power switch is in the ON position.2. Make sure the power cord is not damaged.3. Check and replace the fuse if necessary.
No power (battery mode)	<ol style="list-style-type: none">1. Make sure the unit is fully charged, the red power switch is in the ON position, and the black power switch is in the ON position.2. Charge the battery for 10 hours. Make sure turn off the black main power switch, and turn on the red battery power switch.
No fixture DMX response	<ol style="list-style-type: none">1. Make sure that the starting address at the fixture is correct and all other fixtures are set to the same address.2. Make sure the DMX channel setting is the same for all fixtures.3. Make sure you are using the correct faders on the controller.4. Make sure you are using the correct fixture template and assign controller faders accordingly.5. Change the signal polarity at the controller.6. Check your DMX cables to ensure they are not damaged.7. Check that the DMX cables are connected properly and are wired correctly (pin 3 is “hot”; on some other DMX devices pin 2 may be “hot”). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.
No fixture DMX response (wireless mode)	<ol style="list-style-type: none">1. Check all the steps listed in the “No fixture DMX response” section above.2. Make sure you’ve followed all the steps in the “Setting Wireless Frequency Groups” section of this manual.3. Make sure there are no obstructions between the master unit and the slave fixtures.
Unit does not respond to sound	<ol style="list-style-type: none">1. Quiet or high-pitched sounds will not activate the unit.2. Make sure that Sound Activate mode is turned on.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

Address: 600 Bayview Ave.
Entrance A
Inwood, NY 11096

Hereby declares that the product(s) Rockville ROCKWEDGE LED Wireless DMX Par Light complies with FCC rules as mentioned in the following paragraph:

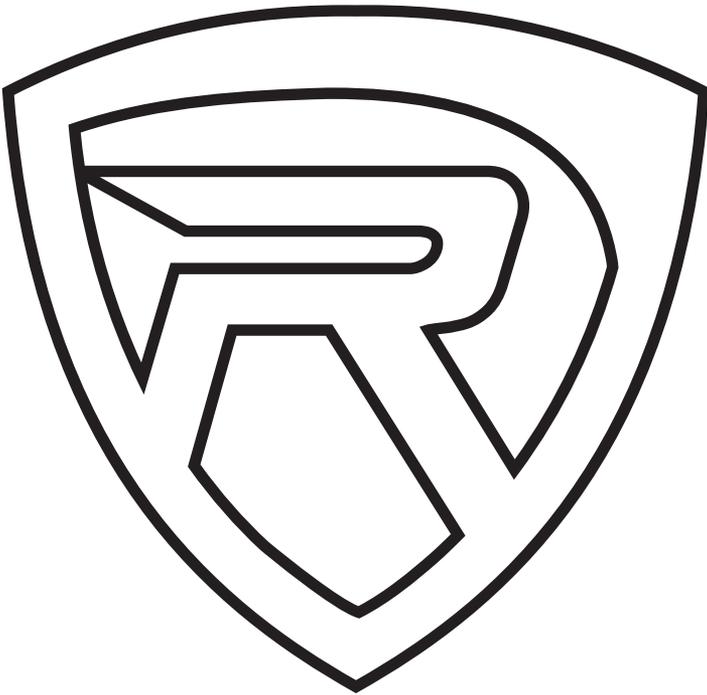
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ROCKWELL

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