

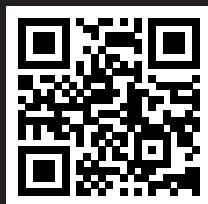


ROCKVILLE

OWNER'S MANUAL

RockPAR50

COMPACT RGB LED DJ/CLUB PAR CAN WASH LIGHT
w/DMX and DOUBLE BRACKET



Who reads manuals?

Instead, go to vimeo.com/267483738 or scan the QR code and watch a short video, which shows you how to set this item up and how to use it.

Rockwell

Thank you for purchasing this Rockville RockPAR50 Compact RGB LED Par Can Wash Light. Please read this guide carefully for proper use of your RockPAR50. Should you need assistance, please call our technical help line at 1-646-758-0144, Monday through Thursday, 9am to 10pm EST., and Fridays, 9am to 3pm EST.

INCLUDES

- Par Light
- Power Cable
- Dual-Bracket
- 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.

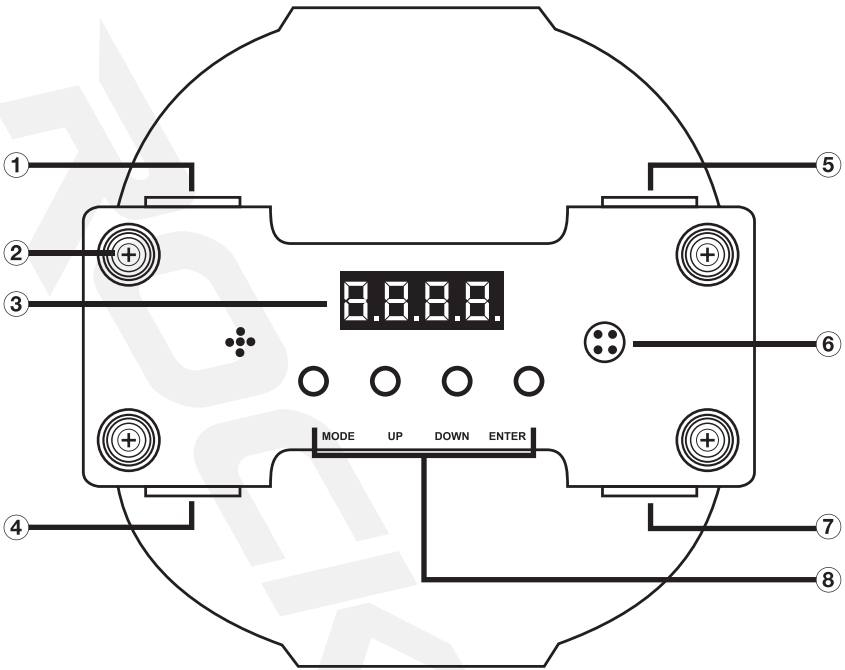
- To reduce risk of electric shock, never open the unit. There are no user serviceable parts, refer service to an authorized Rockville service center.
- Avoid looking directly into the lights.
- Do not expose this unit to any kind of moisture.
- The products housing may become hot during operation. Do 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.
- 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 matter.
- 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.
- Assembly and installation of the device must be carried out by a specialist familiar with the hazards and the relevant regulations. Maintenance, operation and commissioning of this device must only be carried out by qualified persons.
- When choosing a location for your device, make sure to avoid impact, vibration, dust, hot and cold temperatures and dampness. Furthermore, no powerful transformers or motors must be used close to the device.
- The effect light must only be operated at a maximum ambient temperature of 40° C.
- Never cover the device. Make sure when mounting with other equipment that there is sufficient ventilation. Maintain a sufficient distance to other devices and walls. Never in stall the effect light in direct proximity of heat sources. Do not point any strong spot lights or light sources towards the device. This may cause overheating (danger of fire!).
- Do not drill or screw additional screws into the casing in order to fasten the device. This may expose dangerous voltage to touch.
- The device must be mounted out of normal reach.
- Illuminated objects must be at least 0.5m away from the device's light emission source. Easily flammable materials such as decorative fabrics must also have a distance of at least 0.5m to the device. Otherwise, such objects may catch fire!

- When mounting the product, make sure that the power cord is neither jammed nor damaged by sharp edges.
- During installation or service work, the area below the place of installation must be cordoned off.
- The installation surface or mounting fixture needs to be designed in a way that it can take ten times its load capacity for at least one hour without permanent damaging deformation.
- It is also essential that the device is secured by means of a second safety restraint that is independent of the actual mounting supports when installing it in an elevated position. No part of the installation must fall down if the main suspension system fails.
- Observe all relevant regulations of your country when installing the device.

Acceptance test (in case of industrial/public use):

- Before first use and after any significant modifications, the installation (including the electrical connections) must be inspected by an official expert.
- A yearly inspection by an expert is required.
- At least every four years, an acceptance test must be carried out by an expert.
- If you want to mount the device on a suitable traverse system, attach the effect light with the mounting bracket and a suitable traverse clamp that is available separately.
- For this, install the effect light with the assembly bore of the mounting bracket to the traverse clamp and that in turn to the traverse system. Use only assembly material suitable for the type of assembly and for bearing the effect light load.
- The assembly must never swing freely.
- Additionally secure the installation with a suitable safety restraint cable or a safety net.
- The safety retention rope or the net must be designed to support the effect light in the event of failure of the main support system independently of the main attachment.

Functions



- 1. DMX out
- 2. Rubber feet
- 3. LCD display
- 4. DMX in
- 5. Power linking socket (power out)
- 6. Mic
- 7. IEC AC power socket with user-serviceable fuse
- 8. Controls: Mode: Press repeatedly to see mode options.
Up: Scroll up through settings.
Down: Scroll down through settings.
Enter: Use to make selection.

Operation

DMX

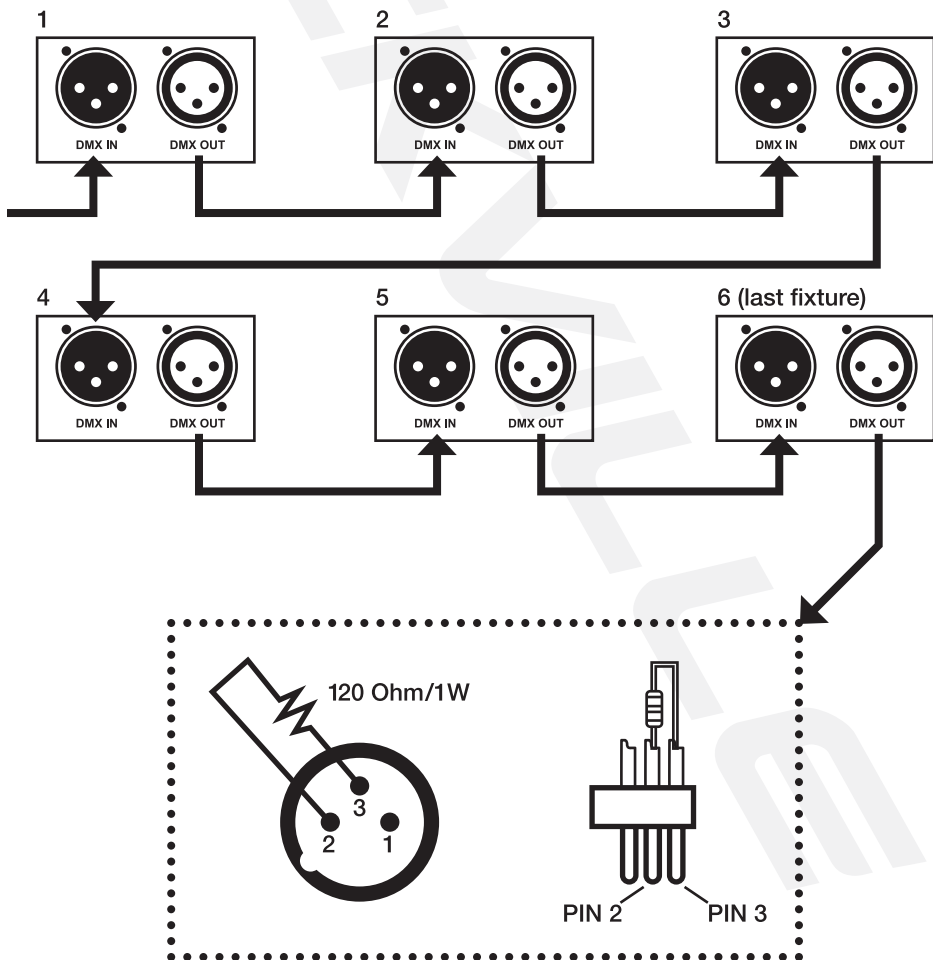
To set the DMX starting channel address press the mode button until you see “d---”. Now use the UP and DOWN buttons to select the desired setting. Press enter button to save your selection.

Internal Programs

To select and run one of the four built-in programs press the mode key until the desired program is found.

DMX Termination

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 1/4 Watt, 120 ohm resistor across the DATA - and DATA + wires. The connections are illustrated below. If you are only connecting a few fixtures which are close together and use a short run to the controller, you maybe able to operate without a terminator.



Modes

No.	LCD display code	Function
1	D001	6CH DMX address code (001 – 512) Use UP or DOWN buttons to change the address code
2	A001	3CH DMX address code (001 – 512) Use UP or DOWN buttons to change the address code
3	Irof	N/A
4	P200	Color change (01 – 255) Use UP or DOWN buttons to adjust speed
5	L200	Color fade (01 – 255) Use UP or DOWN buttons to adjust speed
6	E200	Strobe (01 – 255) Use UP or DOWN buttons to adjust speed
7	Soud	Sound activated color change
8	r255	Red LED dimmer (000 – 255) Use UP or DOWN buttons to adjust speed
9	g255	Green LED dimmer (000 – 255) Use UP or DOWN buttons to adjust speed
10	b255	Blue LED dimmer (000 – 255) Use UP or DOWN buttons to adjust speed

DMX Channel Values and Functions

3 Channel Mode: a001 – a512

Ch.	Function	Value	Description
1	Dimming Red LED	0 – 255	Adjust individual LED brightness
2	Dimming Green LED	0 – 255	
3	Dimming Blue LED	0 – 255	

6 Channel Mode: d001 – d512

Ch.	Function	Value	Description
1	Master dimmer	0 – 255	Adjust all LED brightness
2	Dimming Red LED	0 – 255	Adjust individual LED brightness
3	Dimming Green LED	0 – 255	
4	Dimming Blue LED	0 – 255	
5	Function selection	0 – 50	DMX Control
		51 – 100	Color Change
		101 – 150	Color Fade
		151 – 200	Strobe
		201 – 255	Sound Active
6	Speed / Strobe	0 – 255	Adjust speed for Ch.5 or adjust strobe speed for Ch.2 – 4

Maintenance and Cleaning

Always observe the following safety instructions before cleaning or servicing the effect light:

- Live components may be exposed if covers are opened or components are removed.
- The device must be disconnected from all power sources before any servicing or repair work is carried out.
- Capacitors inside the device may still carry voltage even though they have been disconnected from all power sources.
- Only qualified experts familiar with the hazards involved and the relevant regulations must perform repairs.
- Never use any aggressive cleaning agents, cleaning alcohol or other chemical solutions, since these may damage the casing or even impair function.
- Always disconnect the product from the power supply before cleaning it.
- Use a dry, lint-free cloth for cleaning the product.

Handling

- Never connect the mains plug to a mains socket immediately after the device has been taken from a cold to a warm environment. The resulting condensation may destroy the device.
- Allow the device to reach room temperature before connecting it. Wait until the condensation has evaporated.
- Never pull the mains plug from the mains socket by the cable. Only pull it from the mains socket by the intended grip areas.
- Unplug the mains plug from the mains socket if you are not using the device for an extended period of time.
- Disconnect the mains plug from the mains socket during thunderstorms for reasons of safety.
- Never put any filter foils, masks or other materials over the light exit. This may cause heat damage and danger of fire.
- The device may heat up during operation. Never touch the casing during operation. Let the effect light cool off after operation before touching or cleaning the casing.
- Do not cover the device to ensure sufficient ventilation. Air circulation also must not be impaired by any objects like magazines, tablecloths, curtains, etc. During operation, keep a minimum distance of 0.5 meters around the device.
- The device is not suitable for continuous operation. Consistent compliance with operating breaks increases the operational life span of the device. Let the device cool off for an extended period before taking it into operation again.

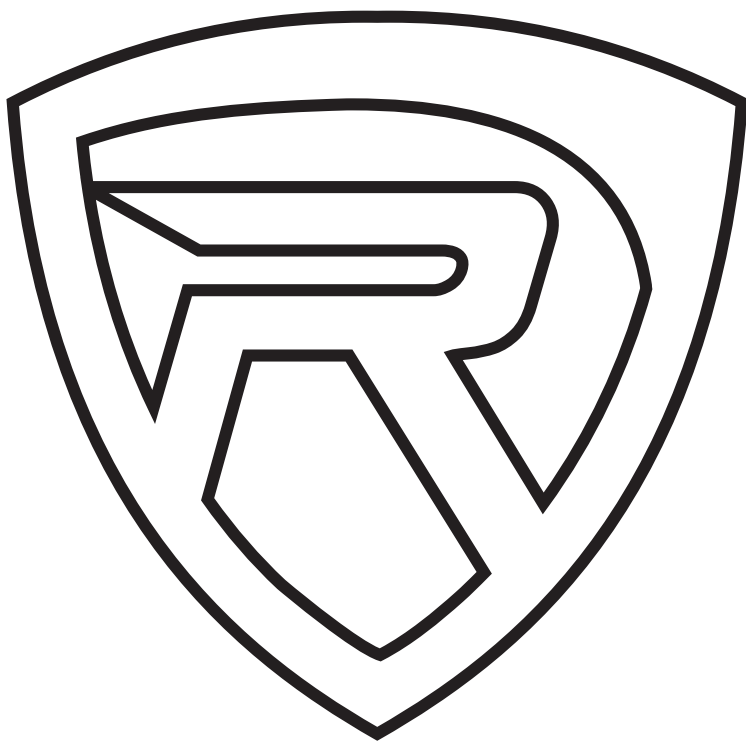
Features and Specifications

- Rockville RockPAR50 Compact RGB LED Par Can Wash Light
- Power input and power output for linking multiple units using only one wall outlet
- DMX in and out allows daisy chaining multiple lights making it easy to control numerous lights synced together
- Three or six channels of DMX control
- Operation Modes: Auto, Voice activated, Master-Slave, DMX512
- Strobe, color change, color fade, dimmer, ID address, color mixing controls
- Colors: 16.7 million different color change variations
- Double-bracket serves as floor stand and hanging bracket
- Static colors and RGB color mixing with or without DMX controller
- Strobe effect with adjustable speed
- Built-in automated programs via master/slave or DMX with variable speed
- Slim profile with powerful and long lasting LEDs
- Beam angle: 15°, 25°, 35°, and 45°
- Light source: Eighteen high power 1 watt LEDs (six red, six green, and six blue)
- Dimmer: 0 – 100%
- Input Voltage: 110 – 240V, 50/60Hz
- Power Consumption: 24W
- Advanced switching power supply
- Constant current keeps LEDs from blowing
- 20,000 – 100,000 hour LED life
- IP grade: 20
- 110/220 switchable
- Unit dimensions: 7.01" x 4.33"
- Unit weight: 1.43Lbs

Troubleshooting

PROBLEM	
No Power	<ol style="list-style-type: none">1. Make sure the unit is properly plugged in and that the power outlet is functioning properly.2. Check that the power cord is not damaged.
No fixture DMX response	<ol style="list-style-type: none">1. Make sure that the starting address at the fixture is correct.2. Make sure you are using the correct faders on the controller.3. Make sure you are using the correct fixture template and assign controller faders accordingly.4. Change the signal polarity at the controller.5. Check your DMX cables to ensure they are not improperly connected or damaged.
Intermittent DMX problems	<ol style="list-style-type: none">1. Make sure the cable you are using are DMX compatible. Use true DMX cables.2. Keep DMX cables away from any AC wires or radio equipment.3. Install a terminator.4. If you are running a long DMX cable or have a large number of units connected, use an optically coupled DMX amplifier.

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RockvilleAudio.com

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