



YCHOW-TECH 13 RGB LED Rock Lights Installation Manual

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YCHOW-TECH 13 RGB LED Rock Lights



INTRODUCTION

YCHOW-TECH 13 RGB LED Rock Lights will light up your vehicle like never before. These multicolored rock lights, made for car enthusiasts, offer a dynamic, adjustable glow that is easy to operate via Bluetooth. Three powerful LEDs in each pod provide 10–14 watts of bright, water-resistant illumination. It works with a wide range of vehicles, including trucks, SUVs, ATVs, and more, with a working voltage of 9–32V DC. Over 50,000 hours of dependable operation are guaranteed by the dust-proof and rust-proof design, which is built for endurance. This innovative lighting system, which retails for \$40.99, combines affordability with high-end performance. The device, which is made by Yvoone-auto, was introduced to satisfy the needs of daring drivers who wish to give their cars more practicality and style. The YCHOW-TECH RGB LED Rock Lights will add a unique touch to your vehicle, whether you're off-roading or just adding some style.

SPECIFICATIONS

Brand	YCHOW-TECH
Price	\$40.99
Connectivity Technology	Bluetooth
Working Voltage	9-32V DC
LED Quantity	3 PCS per light
LED Power	10-14 watts per light pod
Water Resistance Level	Waterproof
Manufacturer	yvoone-auto
Lifespan	Over 50,000 hours
Item Weight	12.3 ounces
Product Dimensions	1 x 1 x 1 inches
Item Model Number	13
Special Features	Multi-Color, Rust Proof, Dust Proof
Wattage	3.00

WHAT'S IN THE BOX

- RGB LED Rock Lights
- Manual

FEATURES

- **App-Controlled RGB Lighting:** Easily operate the lights using an iPhone or Android smartphone app that offers functions including timing settings, brightness control, and color change.



- **Multi-Color RGB LEDs:** With adjustable color modes, low energy usage, and genuine color output, each pod produces bright, consistent lighting.
- **Music Sync Features:** For a more engaging experience, lights flash and change color in time with your music.
- **Sturdy Construction:** These rock lights are made to endure severe environments thanks to their toughened glass and die-cast aluminum casing.
- **A 120-degree flood beam** improves visibility in off-road situations by offering 500 lumens of brightness and wide-angle illumination.
- **Waterproof Design:** Completely waterproofed to provide dependable operation in muddy or rainy conditions.



- **Shockproof and Dustproof:** It is perfect for rough terrain because it is shockproof and dustproof, able to withstand collisions and exposure to dirt and debris.
- **Rust-proof Construction:** Increases longevity in all weather conditions by preventing corrosion and rust.
- **Universal Compatibility:** It is extremely adaptable and fits a wide range of vehicles, including trucks, Jeeps, SUVs, ATVs, motorbikes, and boats.
- **Extended Lifespan:** With a lifespan of more than 50,000 hours, LEDs guarantee enduring performance and minimal upkeep.
- **High Energy Efficiency:** The vehicle's battery is less stressed due to the low power use (10–14 watts per light pod).
- **Whole Installation Kit:** Includes a controller for simple setup, rubber pads, wiring harnesses, and four RGB rock light pods.
- **Flashing Light Modes:** For dynamic underflow effects, there are several pre-programmed flashing settings.
- **Wide Voltage Range:** It can be used with a range of cars because it runs on 9-32V DC.
- **Compact and Lightweight:** The lights are simple to install without adding bulk to the car because they weigh only 12.3 ounces.

SETUP GUIDE

- **Open the kit:** Check that the controller, wiring harnesses, rubber pads, and RGB light pods are all inside the box.

- **Select the Installation Locations:** Choose a location for the lights, such as the bumpers, undercarriage, or wheel wells.
- **Surface Preparation:** To guarantee correct adhesion or a stable installation, clean and dry the mounting surfaces.
- **Place the Lights:** For stress absorption, place the light pods at the designated locations using the rubber pads.
- **Drill Holes:** If required, drill holes for the kit's included screws to ensure a stable mount.
- **Mount the Lights:** Make sure the lights are securely fastened by fastening them with screws.
- **Attach the Wiring:** Attach the lights to the control box using the wiring harnesses.



- **Find a Power Source:** Choose a dependable 9–32V DC power supply for the lights.
- **Wire to Battery:** Make sure the power wires are connected to the car's battery with the correct polarity.
- **Install the Controller:** For convenience, place the controller in a dry, reachable area.
- **Sync with the App:** Pair your phone with the controller via Bluetooth after downloading the YCHOW-TECH app.
- **Customize Settings:** Using the app, change the time, brightness, colors, and sync modes.
- **Test the Lighting:** Switch on the lights and make sure every pod is operating as it should.
- **Secure Loose Wires:** To keep extra wiring from tangling or snagging, secure it with zip ties.
- **Complete Installation:** Examine all connections again, tidy up the space, and take pleasure in your newly installed illumination.

CARE & MAINTENANCE

- **Frequent Cleaning:** To get rid of dirt, mud, and debris, wash the lights on a regular basis.
- **Examine for Damage:** Following off-road use, look for any cracks, dents, or housing damage.
- **Tighten Mountings:** To keep lights from coming loose, make sure all bolts and screws are firmly fastened.
- **Protect Wiring:** Check for cuts or abrasions and fix any damaged areas right away.
- **Keep Dry:** To preserve longevity, prevent extended submersion even though it is waterproof.
- **Check Connections:** To guarantee safe and appropriate operation, periodically check all electrical connections.
- **Update the App:** Update your mobile app frequently to take advantage of new features and better performance.
- **Battery Maintenance:** To avoid power problems with the lights, make sure the car’s battery is in good shape.
- **Prevent Overheating:** To prevent overheating, do not run the lights continuously for long periods.
- **Clean After Muddy Rides:** To avoid accumulation, clean the lights as soon as possible after using them in muddy situations.
- **Store Safely:** Keep the lights in a dry, secure location if you plan to temporarily remove them.
- **Prevent Scratches:** Take care when handling the lights to avoid scratching the tempered glass.
- **Examine Rubber Pads:** To provide adequate shock absorption, replace worn-out rubber pads.
- **Test Flashing Modes:** To guarantee complete functionality, test all flashing modes on a regular basis.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Lights not turning on	Incorrect wiring or loose connection	Check all connections and wiring setup.
Bluetooth not connecting	Signal interference or app error	Reset the app or move closer to the device for better signal.
Dim lighting	Low voltage or faulty LEDs	Verify power supply and inspect LEDs for damage.
Flickering lights	Loose wiring or low battery voltage	Secure the wiring and ensure sufficient battery power.
Limited color options	App glitch	Update or reinstall the app for full functionality.
Water damage	Improper sealing during installation	Inspect seals and reapply waterproofing tape or adhesive.
Lights overheating	Prolonged usage without breaks	Allow the lights to cool down before extended usage.
Connectivity lost	Phone too far from the lights	Maintain close proximity to the Bluetooth device.
Uneven brightness	Faulty LED pod	Replace the malfunctioning pod with a new one.
Intermittent power losses	Voltage fluctuations	Use a voltage stabilizer or inspect the vehicle’s power system.

PROS & CONS

Pros

1. Easy-to-use Bluetooth connectivity for remote customization.
2. Durable design with waterproof, rust-proof, and dust-proof features.
3. Bright and vibrant lighting with customizable multi-color options.
4. Long lifespan of over 50,000 hours.
5. Wide voltage compatibility for different vehicle types.

Cons

1. Bluetooth connectivity may lag in areas with signal interference.
2. Installation may require professional assistance for first-timers.
3. Limited to 3 LEDs per pod, which may not suit users wanting ultra-bright setups.
4. Power consumption is slightly higher than competitors.
5. Lacks a physical remote for users preferring offline control.

WARRANTY

The YCHOW-TECH 13 RGB LED Rock Lights come with a **1-Year Limited Warranty**, covering any manufacturing defects or product malfunctions. This ensures peace of mind for users, guaranteeing reliable performance and quality support from the manufacturer.

FREQUENTLY ASKED QUESTIONS

What is the price of the YCHOW-TECH 13 RGB LED Rock Lights?

The YCHOW-TECH 13 RGB LED Rock Lights is available for \$40.99, offering premium multi-color functionality and durable design features.

What is the connectivity technology for the YCHOW-TECH 13 RGB LED Rock Lights?

The YCHOW-TECH 13 RGB LED Rock Lights use Bluetooth connectivity, allowing users to control the lights wirelessly using a compatible device.

What is the working voltage of the YCHOW-TECH 13 RGB LED Rock Lights?

The YCHOW-TECH 13 RGB LED Rock Lights operate on a 9-32V DC voltage range, making them compatible with a variety of vehicle electrical systems.

How many LEDs are there in each light pod of the YCHOW-TECH 13 RGB LED Rock Lights?

Each light pod of the YCHOW-TECH 13 RGB LED Rock Lights contains 3 LEDs, ensuring bright and efficient lighting.

What is the wattage of each light pod in the YCHOW-TECH 13 RGB LED Rock Lights?

Each light pod in the YCHOW-TECH 13 RGB LED Rock Lights has a power range of 10-14 watts, delivering vibrant illumination.

What are the special features of the YCHOW-TECH 13 RGB LED Rock Lights?

The YCHOW-TECH 13 RGB LED Rock Lights are equipped with multi-color lighting, as well as being rust-proof and dust-proof, ensuring durability and versatility for off-road and outdoor use.

What is the lifespan of the YCHOW-TECH 13 RGB LED Rock Lights?

The YCHOW-TECH 13 RGB LED Rock Lights boast a lifespan of over 50,000 hours, ensuring long-lasting and energy-efficient performance.

What is the weight of the YCHOW-TECH 13 RGB LED Rock Lights?

The YCHOW-TECH 13 RGB LED Rock Lights weigh approximately 12.3 ounces, ensuring a lightweight design without compromising durability.

VIDEO – PRODUCT OVERVIEW



<https://www.manuals.plus/wp-content/uploads/2024/12/YCHOW-TECH-13-RGB-LED-Rock-Lights-Installation-Manual.mp4>

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