BooYu Y020-RR

BooYu LED Emergency Strobe Lights Bar User Manual

Model: Y020-RR

Introduction

Thank you for purchasing the BooYu Battery Operated LED Emergency Strobe Lights Bar. This product is designed to provide high-visibility warning and emergency lighting for various vehicles and applications. Featuring a robust design, powerful magnetic bases, and multiple flashing modes, it offers reliable performance in diverse conditions. Please read this manual thoroughly before use to ensure proper operation and maintenance.

Product Features

- **Wireless Operation:** Designed for convenience without the need for constant wiring.
- **Long Runtime & Fast Charging:** Provides up to 20 hours of operation on a full charge, with a rapid 3-hour charging time. Includes both household and car chargers.
- **Multiple Flashing Modes:** Features 5 distinct flashing patterns for various warning requirements.
- **High-Intensity LEDs:** Equipped with 42 high-intensity LED chips for superior visibility day and night.
- **Durable Construction:** Built with an ABS housing, steel base, and PC lens material, ensuring durability and an IP66 waterproof rating.
- **Powerful Magnetic Mounting:** Two strong magnetic bases with 10 internal magnets provide secure attachment to vehicle surfaces, complemented by protective rubber pads and suction cups.
- **Universal Compatibility:** Suitable for a wide range of emergency vehicles, trucks, construction vehicles, and more.

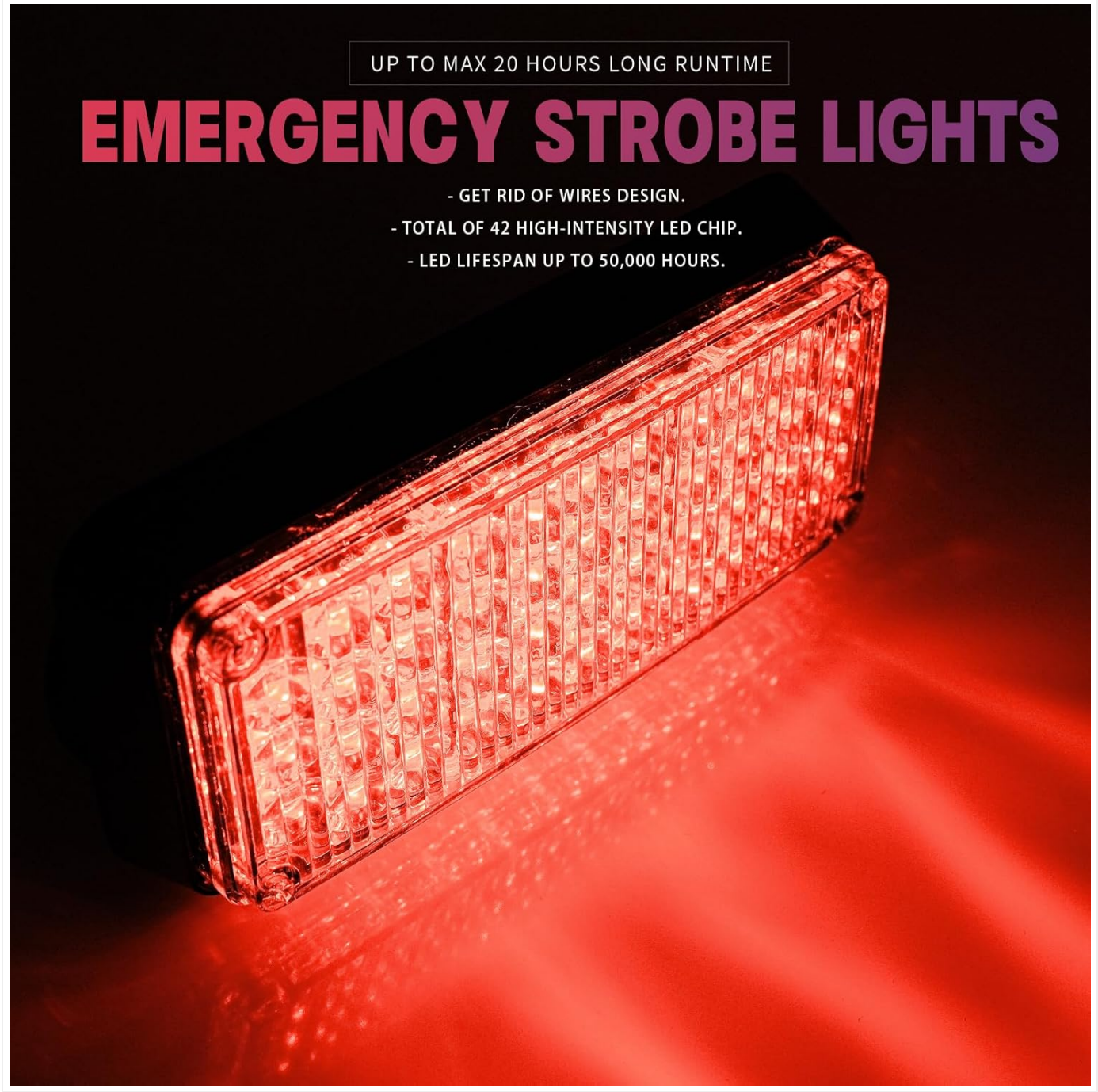


Image: The BooYu LED Emergency Strobe Light, highlighting its 42 high-intensity LED chips for maximum visibility.

Package Contents

Verify that all items are present in your package:

- 2 x Rechargeable Flashing Lights
- 1 x Cigar Lighter charger (for vehicle charging)
- 1 x Household plug charger (for wall outlet charging)
- 1 x Branch connect wire

Setup & Charging

Before initial use, fully charge the strobe lights. The lights feature a fast-charging function.

1. Locate the charging port on the side of the light bar.

2. Connect either the household plug charger or the cigar lighter charger to the light bar using the provided branch connect wire.
3. Plug the charger into an appropriate power source (wall outlet or vehicle's 12V socket).
4. The charging indicator light will illuminate red during charging. Once fully charged (approximately 3 hours), the indicator will turn green.
5. Disconnect the charger once charging is complete.



Image: Illustration of the built-in battery power, showing up to 20 hours run time and 3 hours fast full charge time.



Image: Detailed view of the light's controls, including the power button, charging connector, and charging indicator lights (red for charging, green for fully charged).

Operation

The BooYu emergency warning light features a single red button for control.

- **Power ON/OFF:** Press and hold the red button for 2 seconds to turn the light bar ON or OFF.
- **Change Flashing Mode:** While the light is ON, short press the red button to cycle through the 5 different flashing modes. The light bar will remember the last selected pattern when turned off and on again.



Image: Instructions on how to use the red button for power (long press) and mode selection (short press).

Mounting

The light bar is equipped with powerful magnetic bases for secure attachment to metallic surfaces.

1. Ensure the mounting surface is clean, dry, and free of debris.
2. Place the light bar firmly onto the desired metallic surface (e.g., vehicle roof, trunk). The integrated protective rubber pads and suction cups will help prevent scratches and enhance grip.
3. Verify that the light bar is securely attached before operating the vehicle or leaving it unattended.
4. For removal, gently lift the light bar from the surface.



Image: Depiction of the light bar's powerful magnetic bases, designed for secure attachment to vehicle roofs.

Maintenance

To ensure the longevity and optimal performance of your BooYu LED Emergency Strobe Lights Bar, follow these maintenance guidelines:

- **Cleaning:** Wipe the light bar with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the lens or housing.
- **Storage:** Store the light bar in a cool, dry place when not in use. If storing for extended periods, ensure the battery is partially charged (around 50%) to preserve battery health. Recharge fully every 3-6 months.
- **Inspection:** Periodically check the magnetic bases and rubber pads for wear or damage. Ensure the charging port is free of dust and debris.



Image: The light bar demonstrating its IP66 waterproof rating, suitable for use in various weather conditions like rain, snow, and fog.

Troubleshooting

If you encounter issues with your BooYu LED Emergency Strobe Lights Bar, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn ON.	Battery is depleted. Power button not pressed correctly.	Charge the light bar fully. Press and hold the red button for 2 seconds.
Light does not charge.	Charger not connected properly. Faulty charger or cable. Power outlet issue.	Ensure charger and branch wire are securely connected. Try a different charger or cable if available. Test the power outlet with another device.

Problem	Possible Cause	Solution
Flashing modes do not change.	Button not short-pressed.	Ensure you are performing a quick, short press on the red button to cycle modes.
Light falls off mounting surface.	Surface is not metallic or clean. Excessive vibration or speed.	Ensure surface is metallic and clean. Re-position the light bar on a more stable area. Avoid extreme speeds or rough terrain if not securely mounted.

If the problem persists after attempting these solutions, please contact BooYu customer support for assistance.

Specifications

Attribute	Detail
Model Number	Y020-RR
Dimensions (L x W x H)	7.8 x 3.6 x 1.7 inches (19.8 x 9.1 x 4.3 cm)
Item Weight	2.44 pounds (1.11 kg)
LED Quantity	42 high-intensity LED chips
Battery Runtime	Up to 20 hours (maximum)
Charging Time	Approximately 3 hours for full charge
Charge Voltage	DC 12V - 2A
Waterproof Rate	IP66
LED Lifespan	Up to 50,000 hours
Housing Material	Acrylonitrile Butadiene Styrene (ABS)
Lens Material	Polycarbonate (PC)
Mounting Type	Magnetic Base (2 bases, 10 magnets)
Operating Temperature	-15°C to +55°C (5°F to 131°F)
Charging Temperature	0°C to +45°C (32°F to 113°F)



Image: Product dimensions (length, width, height) and a visual representation of the included charging accessories.

Safety Information

- Do not disassemble or modify the light bar. This may cause damage and void the warranty.
- Keep the device away from extreme heat sources, open flames, and corrosive materials.
- Ensure the light is securely mounted before vehicle operation to prevent detachment during motion.
- Do not stare directly into the LED lights when they are active, as this may cause eye strain or temporary vision impairment.
- Dispose of the product and its battery responsibly according to local regulations.
- This product is intended for warning and emergency signaling. Always comply with local laws and regulations regarding the use of emergency lights on vehicles.

Warranty and Support

BooYu products are manufactured with quality and reliability in mind. For warranty information, technical support, or any questions

regarding your product, please contact BooYu customer service through the retailer's platform or visit the official BooYu website. Please have your model number (Y020-RR) and purchase details ready when contacting support.

For more information about BooYu and our commitment to quality automotive products, you can visit theBooYu Store on Amazon.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question