

VASTFIRE 0308-300

VASTFIRE 16W Starlight Headliner Kit Instruction Manual

Model: 0308-300

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VASTFIRE 16W Starlight Headliner Kit. This kit is designed to transform your vehicle's interior into a captivating starry night sky, suitable for various car types and even home applications. Please read this manual thoroughly before proceeding with installation and use to ensure proper functionality and safety.

PACKAGE CONTENTS

Before beginning, please verify that all components are present in your kit:

- 16W Starlight Headliner Light Engine (Music Sync & Meteor Effects)
- RF Remote (28-key wireless control)
- 750 Fiber Optic Strands (0.75mm x 10ft, trimmable)
- 110V Home Power Adapter
- 12V Car Charger
- User Manual



Image: All components included in the VASTFIRE Starlight Headliner Kit, including the light engine, fiber optic bundles, remote control, and power adapters.

SETUP AND INSTALLATION

The installation process involves preparing the headliner, inserting the fiber optic strands, and connecting the light engine. Professional installation is recommended for optimal results, but DIY installation is possible with careful attention to detail.

Installation Steps:

1. **Remove the Car Roof Headliner:** Carefully detach and remove the car's interior roof headliner. This step may vary depending on your vehicle model.
2. **Mark and Drill Holes:** On the back of the headliner, mark the desired pattern for your starlight effect. Use a small drill bit (appropriate for the fiber optic diameter) to create holes at each marked point.
3. **Insert Fiber Optic Strands:** Begin inserting the fiber optic strands through the drilled holes from the front (visible side) of the headliner. Arrange them according to your desired pattern.
4. **Organize Fiber Optic Strands:** On the back of the headliner, gather and organize the fiber optic strands. Ensure they are evenly distributed and not tangled.
5. **Secure Fiber Optic Strands:** Use a suitable adhesive (e.g., hot glue) to fix the fiber optic strands in

place on the back of the headliner, preventing them from slipping out.

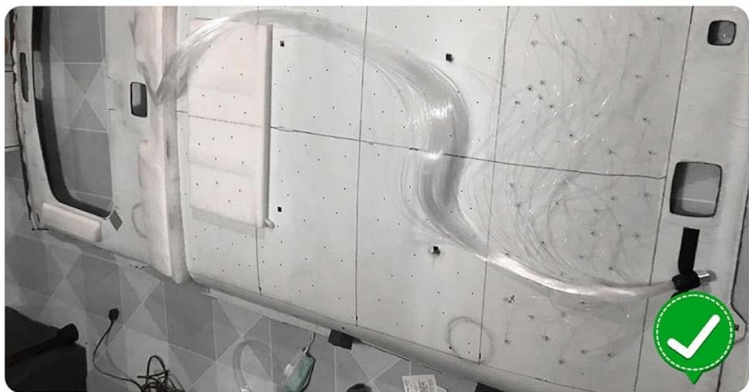
6. **Insulate and Protect:** Apply light sponge, cloth, or other suitable insulating material over the secured fiber optic strands to protect them and prevent rattling.
7. **Trim Excess Fiber:** Once all fibers are in place and secured, cut the extra length of fiber optic strands on the visible side of the headliner to achieve a flush finish.
8. **Reinstall the Car Roof Headliner:** Carefully reinstall the headliner back into your car, connecting the light engine to the fiber optic bundle and the power source.

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Video: A step-by-step guide demonstrating the DIY installation process for a starlight headliner kit, including headliner removal, drilling, fiber insertion, and reinstallation.



6.5 ft fibers
Too short to hide behind a panel



9.5 ft fibers: Fits car panel
13.5 ft fibers: Fits truck panel (Better)

Image: Illustrates the difference in fiber optic cable lengths required for various vehicle types, showing that 9.5 ft fibers fit car panels and 13.5 ft fibers fit truck panels better.

OPERATING INSTRUCTIONS

Your VASTFIRE Starlight Headliner Kit offers multiple control options and lighting modes to customize your experience.

Control Methods:

- **RF Remote Control:** Use the included 28-key wireless remote to adjust colors, brightness, and dynamic modes.
- **Smartphone App (Bluetooth):** Download the dedicated app for iOS/Android to access 16 million colors, static, twinkle, and shooting star modes, music sync, and more advanced customization.
- **Sound Control:** The light engine features music sync capabilities, allowing the lights to react to audio.

Key Features:

- **16 Million Colors:** Choose from a vast spectrum of colors to match your mood or vehicle interior.
- **Adjustable Brightness:** Dim or brighten the starlight effect from 1% to 100%.
- **Twinkle Effect:** Simulate a realistic starry night with adjustable twinkle speed.
- **Dynamic Modes:** Explore various pre-set modes such as fade, jump, flash, and breathe for animated lighting effects.
- **Shooting Star Effect:** Create a meteor shower effect (if applicable to your specific kit configuration).



Image: Displays the RF remote control and a smartphone app interface, highlighting seamless control over RGBW colors, music sync, brightness, twinkle, and timing functions.

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Video: Demonstrates the 16 million color options and adjustable brightness features of the starlight headliner kit, showcasing various ambient lighting effects within a car interior.

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Video: Shows how to customize colors, brightness, and twinkle effects of the starlight headliner using the control interface.

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Video: Illustrates various ambient lighting effects and modes of the starlight headliner kit, including fade, breathe, jump, and flash modes.

MAINTENANCE

To ensure the longevity and optimal performance of your VASTFIRE Starlight Headliner Kit, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the fiber optic ends and the light engine housing with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Avoid Water Exposure:** The light engine is not water-resistant. Ensure it is installed in a dry location and protected from moisture.
- **Fiber Care:** Avoid bending or sharply creasing the fiber optic strands, as this can damage them and reduce light transmission.

TROUBLESHOOTING

If you encounter any issues with your VASTFIRE Starlight Headliner Kit, please refer to the following common problems and solutions:

- **No Light Output:**
 - Check all power connections to ensure they are secure.
 - Verify that the power adapter is functioning correctly and receiving power.
 - Ensure the light engine is properly connected to the fiber optic bundle.
- **Remote Control Not Working:**
 - Replace the battery in the RF remote control.
 - Ensure there are no obstructions between the remote and the light engine's receiver.
- **App Connectivity Issues:**
 - Ensure Bluetooth is enabled on your smartphone.
 - Restart the app and the light engine.
 - Try pairing the device again through the app settings.
- **Inconsistent Lighting/Dim Spots:**
 - Check for any kinks or damage in the fiber optic strands.
 - Ensure the fiber optic bundle is fully inserted into the light engine's port.

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

SPECIFICATIONS





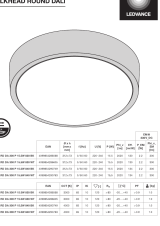
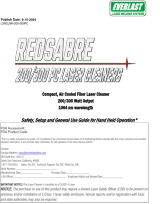
Feature	Detail
Brand	VASTFIRE
Model Number	0308*300 starlights headliner kit
Item Dimensions (L x W x H)	3 x 1 x 1 inches
Item Weight	3.2 ounces
Material	Aluminum
Color	Twinkle & Meteor shooting star
Light Source Type	LED
Wattage	16 watts
Voltage	12 Volts (AC)
Power Source	Corded Electric
Special Features	Any Vehicle & home theater, Corded, Dimmable multiple brightness levels, Dynamic Modes, Vibrant Color Options
Water Resistance Level	Not Water Resistant
Automotive Fit Type	Universal Fit
Certification	CE
Average Life	1,000,000,000,000 Hours

WARRANTY

The VASTFIRE 16W Starlight Headliner Kit comes with a 2-year service warranty. Please retain your proof of purchase for any warranty claims.

SUPPORT

For further assistance, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official VASTFIRE website.

	<p>BS-FU40-300-D1ES Fiber Optic Gyroscope: Operation and Maintenance Manual</p> <p>Comprehensive operation and maintenance manual for the BS-FU40-300-D1ES micro-nano fiber optic gyroscope, detailing its specifications, installation, usage, and troubleshooting.</p>
	<p>Tokistar Kromastar Series LED Lighting Product Guide</p> <p>Comprehensive product guide for the Tokistar Kromastar Series, featuring high-performance RGBW LED spotlights, wash lights, globes, and flat linear fixtures for architectural and decorative lighting applications. Includes specifications, features, installation, and wiring details.</p>
	<p>ST-FOHD-SC50: HDMI Extender via Single SC Multimode Fiber Optic Cable - User Manual</p> <p>User manual for the Network Technologies Inc. (NTI) ST-FOHD-SC50 HDMI Extender, detailing its installation, specifications, and features for extending HDMI signals up to 980 feet (300 meters) over a single SC multimode fiber optic cable.</p>
	<p>VELUX Residential Skylights & Sun Tunnel Skylights Brochure</p> <p>A comprehensive brochure detailing VELUX's range of residential skylights and sun tunnel skylights, including product information, glass options, flashing systems, blinds, accessories, and installation guides.</p>
	<p>LEDVANCE BULKHEAD ROUND DALI Luminaire - Technical Specifications and Installation Guide</p> <p>Detailed guide for the LEDVANCE BULKHEAD ROUND DALI lighting fixture, covering technical specifications, performance data, control options (DALI, Push-Dim), and step-by-step installation instructions.</p>
	<p>Everlast Red Sabre 200/300 PC Laser Cleaner Manual</p> <p>User manual for the Everlast Red Sabre 200/300 PC compact air-cooled fiber laser cleaner. Covers safety, setup, operation, maintenance, and technical specifications.</p>