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› Xprite 1.0" Ultra-Thin LED Chase Strobe Light Bar (Model UTV-RSL-G14) Instruction Manual

Xprite UTV-RSL-G14

Xprite 1.0" Ultra-Thin LED Chase Strobe Light Bar Instruction Manual

Model: UTV-RSL-G14

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Xprite 1.0" Ultra-Thin LED Chase Strobe Light Bar. This light bar is designed for off-road vehicles such as UTVs, Polaris RZRs, Can-ams, Yamahas, SXS, 4x4s, and trucks, enhancing visibility and safety in various conditions.



Figure 1: Xprite 1.0" Ultra-Thin LED Chase Strobe Light Bar with included wiring and mounting hardware.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Mount the light bar securely to prevent detachment during vehicle operation.
- Verify local regulations regarding auxiliary lighting before use.

3. PACKAGE CONTENTS

The package includes the following items:

- 1 x Xprite 1.0" Ultra-Thin LED Chase Strobe Light Bar
- Mounting Brackets and Hardware
- Wiring Harness with Rocker Switch and In-line Switch

4. SPECIFICATIONS

Feature	Specification
Brand	Xprite
Model	UTV-RSL-G14
Dimensions (L x W x H)	33.46 x 3.74 x 2.95 inches
Item Weight	4.49 pounds
Lens Material	Acrylic or Polycarbonate
Special Feature	Waterproof
Vehicle Service Type	UTV, Polaris RZR, Can-am, Yamaha, Arctic Cat, SXS 4x4 trucks, SUVs

ALUMINUM ALLOY HOUSING



ULTRA-THIN DESIGN 4D OPTICAL LENS WITH 30 LEDS

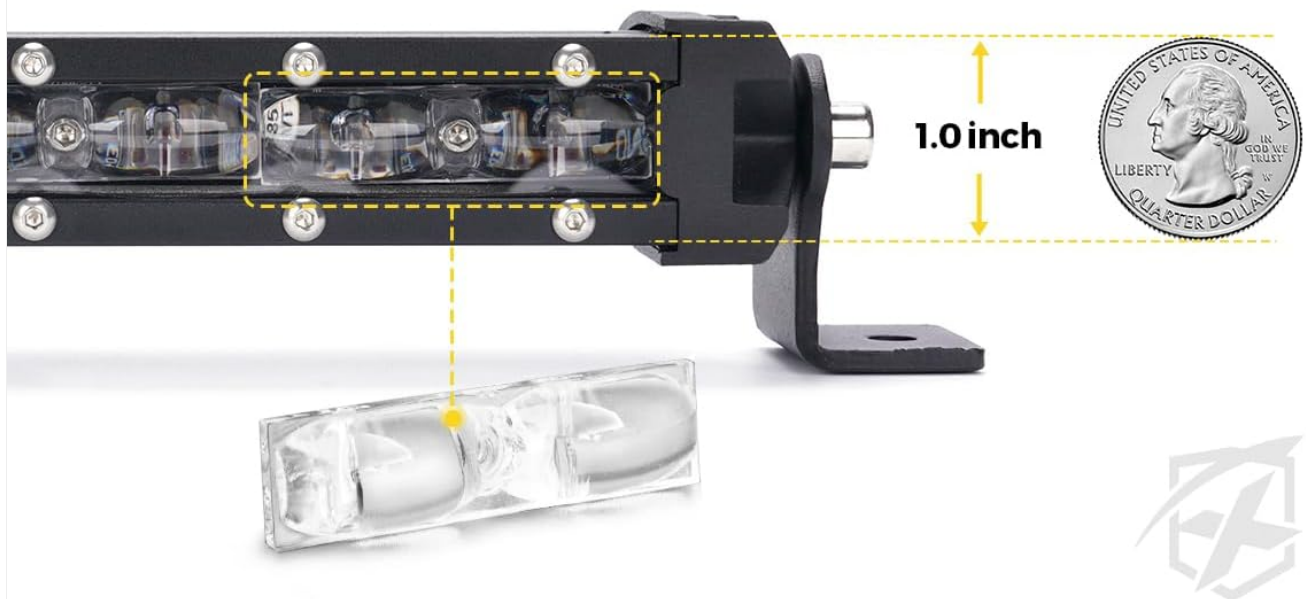


Figure 2: The ultra-thin design (1.0 inch) and 4D optical lens for broad illumination.

5. SETUP AND INSTALLATION

5.1 Mounting the Light Bar

The light bar features an adjustable mounting system compatible with 1.75"-2" roll cages. The brackets support 180° vertical adjustment and 360° rotation for optimal positioning. The native bracket also allows for screw fixing.

1. **Select Mounting Location:** Choose a secure location on your vehicle's roll cage or other suitable surface.
2. **Attach Brackets:** Use the provided clamp brackets for roll cages or L-shape brackets for flat surfaces. Ensure the brackets are tightened sufficiently to prevent movement.

3. **Adjust Angle:** Loosen the bracket bolts, adjust the light bar to the desired angle, and then securely tighten all bolts.



Figure 3: The adjustable mounting system allows for flexible positioning on 1.75"-2" roll bars or flat surfaces.

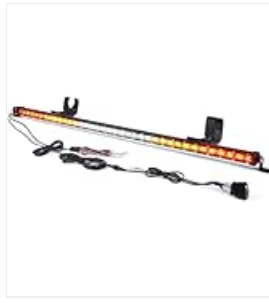


Figure 4: Exploded view illustrating the components and assembly of the mounting brackets.

5.2 Wiring Instructions

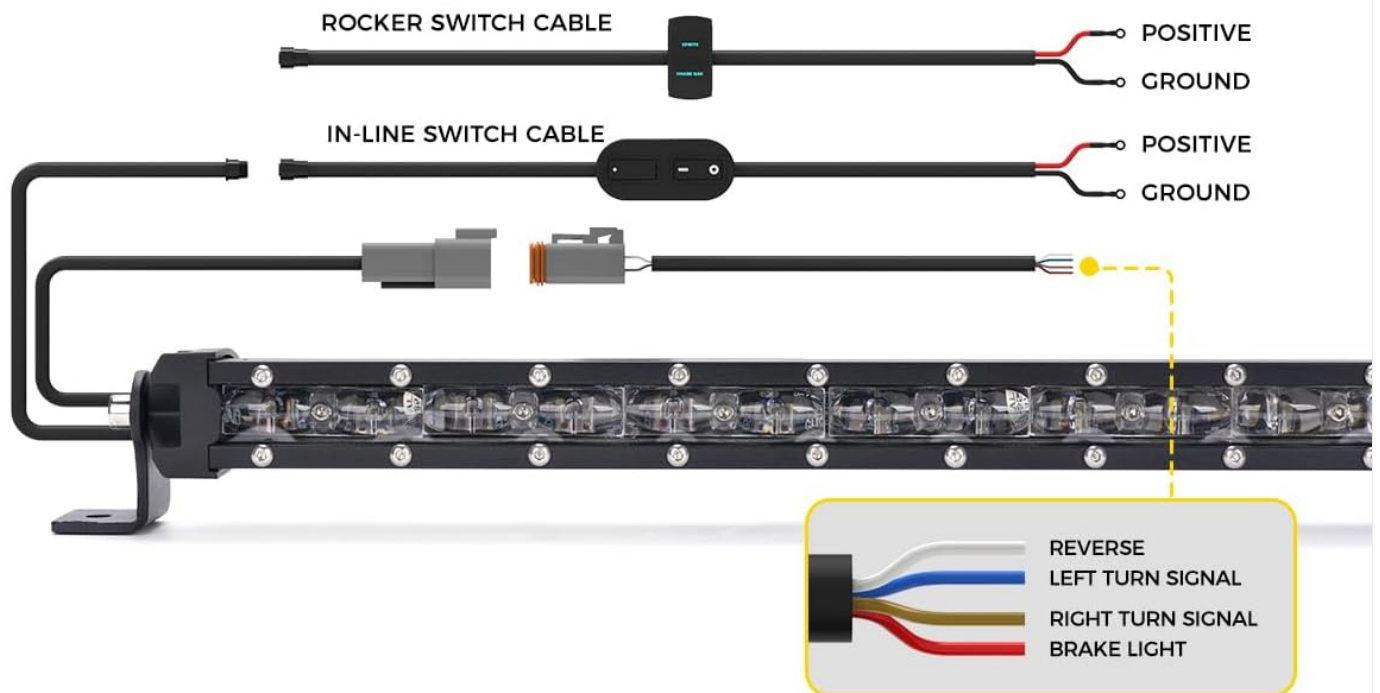
The light bar includes a wiring harness with a rocker switch and an in-line switch for control. Ensure proper polarity and secure connections.

1. **Connect Power:** Connect the positive (+) wire from the wiring harness to a fused 12V power source and the negative (-) wire to a suitable ground point on your vehicle.
2. **Connect Light Bar:** Plug the light bar connector into the corresponding connector on the wiring harness.
3. **Connect Signal Wires:** The harness includes separate wires for specific functions:
 - **Red:** Brake Light
 - **Blue:** Right Turn Signal
 - **Brown:** Left Turn Signal
 - **Yellow:** Reverse Light

Connect these wires to the corresponding signal wires of your vehicle's electrical system.

4. **Secure Wiring:** Route and secure all wiring to prevent damage from heat, sharp edges, or moving parts.

WIRING HARNESS



SIMPLE INSTALLATION

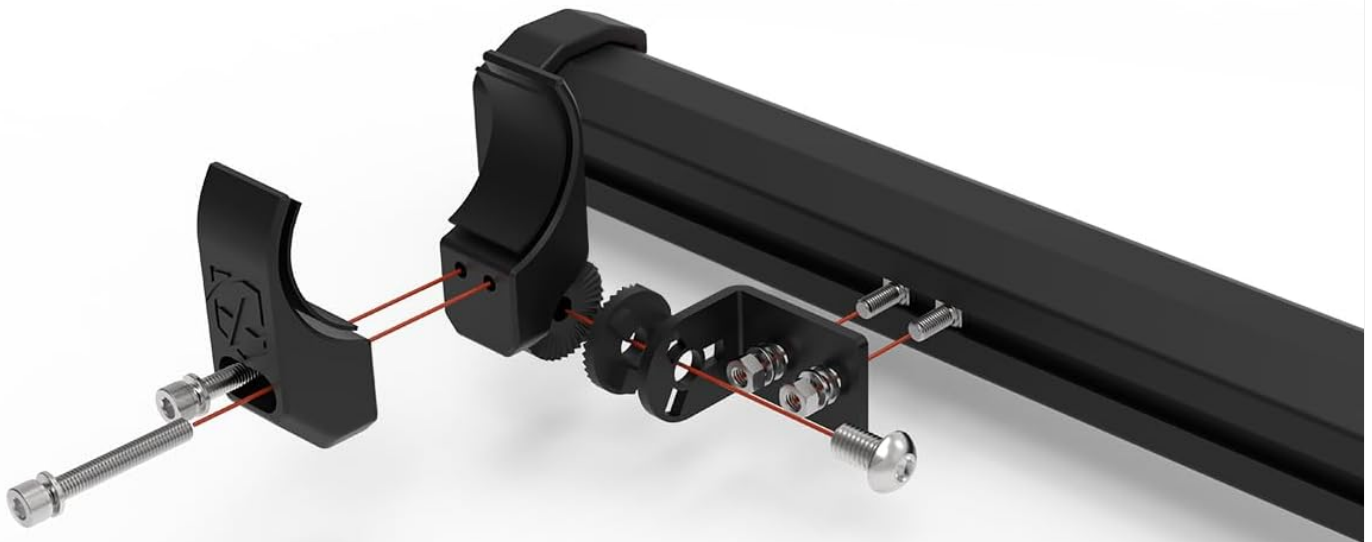


Figure 5: Wiring diagram for the Xprite LED Chase Strobe Light Bar, detailing connections for power and signal functions.

6. OPERATING INSTRUCTIONS

The Xprite LED Chase Strobe Light Bar offers multiple functions and strobe patterns controlled by the included rocker switch.

6.1 Functions and Modes

The light bar is divided into five blocks of LEDs, each with specific functions:

- **Blocks 1 & 5:** Running Lights and Brake Lights (Red)
- **Blocks 2 & 4:** Strobe Lights (Amber/White, 9 different flash patterns)
- **Block 3:** Solid Light or Reverse Light (White)



9 STROBE FLASHING MODES

- The Strobe patterns include solid, fast and slow alternating and more.
- Enhance your off-road excursions with an added layer of safety.
- Ideal for remaining visible in any harsh conditions.
- Waterproof, all weather design



Figure 6: The light bar operating in strobe mode, highlighting its visibility and waterproof construction.



Figure 7: Visual representation of the light bar's various operational functions.

6.2 Rocker Switch Control

The included rocker switch provides convenient control over the light bar's functions:

- **Power On/Off:** Use the main switch to turn the light bar on or off.
- **Strobe Pattern Selection:** A secondary switch allows you to cycle through 9 different strobe patterns.
- **Strobe Off:** To turn off the strobe function, hold the strobe pattern switch for 3 seconds.
- **Independent Control:** Brake and reverse lights operate independently based on vehicle signals.



Figure 8: The rocker switch for controlling power and strobe patterns.

7. MAINTENANCE AND CARE

The Xprite LED Chase Strobe Light Bar is designed for durability and performance in harsh conditions. To ensure its longevity:

- **Cleaning:** Clean the lens and housing periodically with a soft cloth and mild soap solution. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly inspect the mounting hardware and wiring for any signs of wear, corrosion, or looseness. Tighten connections as needed.
- **Durability:** The light bar features a 4D optical lens that is scratch-resistant, and a black aluminum alloy housing that is shockproof and corrosion-resistant, designed for over 50,000 hours of lifespan.
- **Waterproof Design:** The light bar is designed to be waterproof, suitable for all-weather use. However, avoid high-pressure washing directly onto the seals.

8. TROUBLESHOOTING

If you encounter issues with your Xprite LED Chase Strobe Light Bar, refer to the following common problems and solutions:

- **Light Bar Not Functioning:**
 - Check all wiring connections for proper contact and polarity.
 - Verify the power source is active and the fuse is intact.
 - Ensure the rocker switch is in the 'On' position.

- **Water Inside the Light Bar:**

- While designed to be waterproof, extreme conditions or improper installation can sometimes lead to moisture ingress. Inspect seals for damage.
- Contact customer support if the issue persists after checking for external damage.

- **Weak or Loose Mounting:**

- Ensure all mounting bolts and clamps are securely tightened.
- Consider using additional reinforcement or alternative mounting solutions if the provided brackets do not offer sufficient stability for your specific application.

- **High-Pitched Noise:**

- A high-pitched noise can indicate an electrical issue. Immediately disconnect power.
- Check for loose wires or damaged components within the wiring harness or light bar. If the issue cannot be resolved, discontinue use and contact customer support.

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Xprite customer service through their official website or the retailer where the product was purchased. Please have your model number (UTV-RSL-G14) and purchase information ready.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

