

[Manuals.plus](#) /

› [Nilight](#) /

› Nilight 2FT Spiral RGB LED Whip Light User Manual (Model Whip-135)

Nilight Whip-135

Nilight 2FT Spiral RGB LED Whip Light User Manual

Model: Whip-135

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Nilight 2FT Spiral RGB LED Whip Light. Designed for off-road vehicles such as ATVs, UTVs, RZR's, Polaris, Dune Buggies, 4-Wheelers, and Offroad Trucks, this whip light features vibrant RGB chasing and dancing light patterns, controlled via an RF remote. Its durable construction ensures reliable performance in various outdoor conditions.



Image: The Nilight 2FT Spiral RGB LED Whip Light system, including the whip lights, RF remote control, and rocker switch, shown with an off-road vehicle in the background.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 x 2FT Spiral Lighted Whips with Spring Base
- 1 x Plug-and-play Harness
- 1 x Lighted Whip Rocker Switch with Jump Wires
- 1 x RF Remote Controller
- 2 x Dust Covers
- 4 x Flags
- 1 x User Manual

PACKAGE INCLUDES



Image: A visual representation of all items included in the Nilight 2FT Spiral RGB LED Whip Light package, such as the two whip lights, wiring harness, rocker switch, remote, dust covers, flags, and user manual.

SPECIFICATIONS

Feature	Specification
Brand	Nilight
Model	Whip-135
Length	2FT
Color	RGB (Multi-Color)
Material	Aluminum, Polycarbonate (PC)
Water Resistance Level	IP67 Waterproof
Control Method	RF Remote Control

SETUP AND INSTALLATION

Mounting the Whip Light

Follow these steps to securely mount your whip light:

1. **Lift Damping Ring & Release Base:** Gently lift the damping ring and release the quick-connect base from the whip light.
2. **Mount Base:** Mount the spring base onto a 12mm hole on your vehicle. Ensure it is securely fastened.
3. **Connect Whip Light:** Plug the whip light into the mounted base until it clicks into place.

Note: Use the provided dust cover to protect the base when the whip light is not in use.



Image: A visual guide illustrating the quick connect and release mechanism for installing the whip light, showing how to lift the damping ring, mount the base, and plug in the whip light.

Wiring Instructions

The whip light system includes a plug-and-play harness and a rocker switch for convenient wiring. Connecting the whip light to the rocker switch first, instead of directly to the battery, helps prevent battery drain. Refer to the wiring diagrams below for proper connection:



Image: Two wiring diagrams (Method A and Method B) detailing how to connect the whip light to the rocker switch and vehicle battery, including pin-tab outs for the switch.

Note: Additional wire may be required depending on your vehicle's setup. Ensure all connections are secure and insulated.

OPERATING INSTRUCTIONS

Remote Control Pairing

The RF remote control allows for one-to-one pairing, preventing interference from other remote controls. You can also remove this mode to pair with multiple whip lights or allow others to control your lights.

- **To Set One-to-One Mode:** Consult the user manual included in your package for specific pairing instructions.
- **To Remove One-to-One Mode:** Follow the instructions in the user manual to unpair, allowing for broader control.



ONE-TO-ONE CONTROL

You can freely set into/remove one-to-one remote control mode. Hassle from others' remote control interference can also pair with others anytime.

Image: A hand holding the RF remote control, with a vehicle in the background displaying whip lights, highlighting the one-to-one control functionality.

Light Modes and Patterns

Your Nilight whip light offers a wide array of lighting options:

- **Spiral Chasing Patterns:** Enjoy hundreds of dynamic patterns such as chase, build-up, strobe, pulse, scan, and stack.
- **Solid Colors:** Choose from 12 classic solid colors to match your preference or vehicle.
- **Brightness and Speed Adjustment:** Use the remote control to adjust the brightness and speed of the light patterns.



Image: A close-up of the spiral LED whip light showcasing a variety of 366 chasing patterns and 12 solid color options, along with controls for speed, mode, and brightness.

MAINTENANCE

To ensure the longevity and optimal performance of your Nilight whip light, consider the following maintenance tips:

- **Regular Cleaning:** Periodically clean the whip light with a soft cloth and mild soap to remove dirt and debris. Avoid abrasive cleaners.
- **Inspect Connections:** Regularly check all electrical connections for tightness and signs of corrosion.
- **Protect the Base:** When the whip light is removed, always use the provided dust cover to protect the quick-connect base from elements.
- **Durability Features:** The whip light is designed with a flexible Polycarbonate tube, stainless steel hardware, and IP67 waterproofing, making it resistant to breakage, sand, and shock. Proper care will maximize these features.

PREMIUM PERFORMANCE

Proper bend for adequate flexibility, without issues of breaking or rebounding back to hit your cab



Image: An illustration detailing the premium performance features of the whip light, including its durable polycarbonate construction, secure lock and fixed base, and quick connect/disconnect mechanism, ensuring flexibility and preventing breakage.

TROUBLESHOOTING

If you encounter issues with your Nilight whip light, try the following general troubleshooting steps:

- **No Power:** Check all wiring connections to ensure they are secure. Verify that the rocker switch is in the 'ON' position and that the vehicle's battery has sufficient charge.
- **Remote Not Responding:** Ensure the remote control's battery is functional. If in one-to-one mode, confirm proper pairing. Try re-pairing the remote if necessary (refer to the user manual).
- **Inconsistent Lighting:** Inspect the whip light for any physical damage or loose connections. Ensure the power supply is stable.
- **Interference:** If experiencing interference from other remote controls, activate the one-to-one remote control mode as per the manual.

WARRANTY AND CUSTOMER SUPPORT

Nilight is committed to providing quality products. For warranty information, technical assistance, or any product-related inquiries, please visit the official Nilight store or contact their customer support directly. You can find more information and contact details on the [Nilight Brand Store on Amazon](#).