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› ETINAS Car Underglow Lights Bluetooth Dream Color Chasing Strip Lights Kit (Model AM0009) Instruction Manual

## ETINAS AM0009

# ETINAS Car Underglow Lights Bluetooth Dream Color Chasing Strip Lights Kit (Model AM0009) Instruction Manual

Brand: ETINAS | Model: AM0009

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your ETINAS Car Underglow Lights Kit. This kit features addressable LED strips with dream color chasing effects, controlled via a smartphone application. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

## PRODUCT COMPONENTS

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The ETINAS Car Underglow Lights Kit includes the following components:

- 6 x Waterproof Exterior Car Light Strips
- 1 x APP Controller
- Mounting hardware (e.g., zip ties, screws, adhesive tape)
- Power connection cables (hard wire and 12V cigarette adapter)



Image: Overview of the ETINAS Car Underglow Lights Kit, showing LED strips, controller, and power options.

## SETUP AND INSTALLATION

Proper installation is crucial for the performance and durability of your underglow lights. Follow these steps carefully:

### 1. Preparation

- Clean the Surface:** Thoroughly clean the mounting surfaces under your vehicle with isopropyl alcohol. Ensure the areas are free of dust, dirt, grease, and moisture. Allow the surface to dry completely.
- Plan Placement:** Determine the optimal placement for each light strip to achieve desired coverage. The kit includes various strip lengths for different vehicle sections.
- Safety First:** Ensure the vehicle is safely jacked up or on a lift. Disconnect the car battery's negative terminal before starting electrical connections.

### 2. Mounting the Light Strips

# // installation steps //



1. Jack up the car.



2. Clean the dust before installing.



3. Peel off the 3M tape cover and stick it to the car .



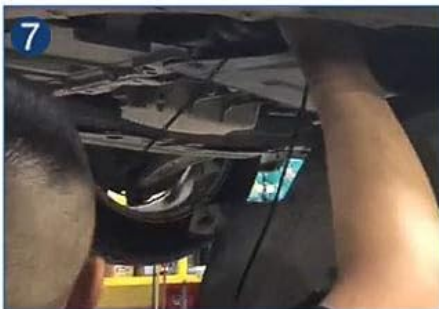
4. Open the inner fender and hide the extension cable.



5. Use the zip tie to tie up the extra cable and hide it.



6. Connect the strips to the controller (arrow to arrow).



7. Make the controller's power cord through the bottom of the car to the battery.



8. Connect the controller's power cord to the position of fog light. Red wire-Positive, black wire-Negative.



9. Test result. Use the buckles and screws to strengthen the firmness. Complete the installation.

Image: Visual guide demonstrating the installation process, including jacking up the car, cleaning, applying strips, and wiring.

4. **Apply Strips:** Peel off the backing from the 3M adhesive tape on each light strip and firmly press it onto the cleaned surface. For enhanced adhesion, especially in challenging environments, consider using an adhesion promoter before applying the strips.
5. **Secure with Buckles/Screws:** Use the provided buckles and screws to further strengthen the attachment of the light strips, particularly in areas exposed to vibration or moisture.
6. **Route Cables:** Carefully route the extension cables from the light strips, opening the inner fender if necessary to hide and protect them. Use zip ties to secure any extra cabling and prevent it from dangling or coming into contact with moving parts or high-temperature components like exhaust pipes and engines. If cables must be near high-temperature areas, use high-temperature resistant sleeves.

## 3. Power Connection



# 2 WAYS TO POWER™

**1** Hard wire Positive & Negative  
Cable Length: 1.3M/4.3FT

**2** 12V cigarette adapter Length: 3M/9.8FT  
Plugs into any 12V cigarette  
port Easy ON/OFF switch

Image: Illustration of the two power options for the LED controller: direct wiring to the car battery and a 12V cigarette lighter adapter.

7. **Connect Strips to Controller:** Connect the light strips to the controller. Ensure the arrows on the connectors align for correct polarity.
8. **Connect Controller Power:**
  - **Option 1 (Hard Wire):** Route the controller's power cord through the bottom of the car. Connect the red wire (positive) to the positive position of a fog lamp or a fused 12V accessory power source. Connect the black wire (negative) to the car battery's negative terminal or a suitable ground point on the chassis. Ensure the voltage input is 12V 5A.
  - **Option 2 (Cigarette Adapter):** Plug the 12V cigarette adapter into any 12V cigarette port. This option includes an easy ON/OFF switch.
9. **Secure Controller:** Paste the controller in an easy-to-access and secure location using its adhesive tape.
10. **Final Check:** Before reconnecting the battery, double-check all connections for security and correct polarity.

## OPERATION

Your ETINAS Car Underglow Lights are controlled via a dedicated smartphone application.

## Smartphone APP Control (LED Hue)



The advertisement features a central smartphone displaying the LED Hue app interface. The app screen shows a 'Setting' page with a heart icon for marking favorite effects, a circular dial for selecting from 120 color chasing modes (currently set to 120), a color spectrum slider for 16 million DIY colors, and two rows of color selection buttons labeled 'DIY Color' and 'Regu. Color'. Below these are sliders for brightness and speed adjustment. The background shows a silver car with red underglow lights. Logos for Google Play, the App Store, and the LED Hue app are also present.

**SMARTPHONE CONTROL**

Google play Available on the App Store LED Hue

Mark your favorite chasing effect

Built-in 120 kinds of color chasing modes

16 Million colors for DIY

DIY single color

7 Static color

Brightness control from 1% to 100%

Speed adjustment

Image: The LED Hue application interface on a smartphone, demonstrating color selection, brightness, and chasing effect controls.

1. **Download the APP:** Download the "LED Hue" application from Google Play Store (for Android 4.4 or above) or Apple App Store (for iOS 10.0 or above).
2. **Connect via Bluetooth:** Ensure your smartphone's Bluetooth is enabled. Open the LED Hue app; it should automatically detect and connect to the light controller. No network management or complex settings are required.
3. **Control Features:**
  - **Color Chasing Modes:** Explore over 120 built-in color chasing modes, offering dynamic effects like skipping, dancing, and twinkling. You can mark your favorite effects for quick access.
  - **Static Colors:** If chasing modes are not desired, you can DIY a static color from 16 million available colors.
  - **Brightness Adjustment:** Adjust the light brightness from 1% to 100%.

- **Speed Adjustment:** Control the speed of chasing effects.
- **On/Off:** Easily turn the lights on or off directly from the app.

## MAINTENANCE

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To ensure the longevity and optimal performance of your ETINAS Car Underglow Lights, follow these maintenance guidelines:

- **Regular Inspection:** Periodically check the light strips for any signs of water ingress, damage, or aging.
- **Temperature Check:** After parking at night, carefully touch the light strips to check for any abnormal temperature, which could indicate an issue.
- **Rainstorm Days:** It is recommended to temporarily close or turn off the light strips during heavy rainstorms to minimize potential exposure to extreme moisture, despite their IP68 waterproof rating.
- **Cleaning:** Gently clean the light strips with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the waterproof coating or LEDs.

# Protect What Matters

- High Temp Resistant
- Flame Retardant
- 12-24V Voltage

**IP 68**  
Weatherproof

Image: The IP68 waterproof rating ensures durability against water and dust, but care during extreme weather is still advised.

## TROUBLESHOOTING

If you encounter issues with your ETINAS Car Underglow Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none"><li>• Incorrect power connection.</li><li>• Loose wiring.</li><li>• Reversed polarity (positive/negative).</li><li>• Insufficient voltage (not 12V 5A).</li><li>• Blown fuse (if hardwired).</li></ul>	<ul style="list-style-type: none"><li>• Verify all power connections are secure.</li><li>• Ensure the red wire is connected to positive and black to negative.</li><li>• Confirm the input voltage is 12V 5A.</li><li>• Check the fuse in your vehicle's fuse box if hardwired.</li><li>• Ensure the "arrow to arrow" connection is made between strips and controller.</li></ul>
Lights flicker or display incorrect colors.	<ul style="list-style-type: none"><li>• Loose connection between strips and controller.</li><li>• APP connection issue.</li><li>• Damaged strip.</li></ul>	<ul style="list-style-type: none"><li>• Check all strip-to-controller connections for tightness.</li><li>• Restart the LED Hue app and reconnect via Bluetooth.</li><li>• Inspect strips for visible damage.</li></ul>
Lights fall off or adhesive fails.	<ul style="list-style-type: none"><li>• Improper surface preparation.</li><li>• Extreme weather conditions.</li></ul>	<ul style="list-style-type: none"><li>• Ensure mounting surface is thoroughly cleaned and dry before application.</li><li>• Use additional adhesion promoter or stronger 3M tape if necessary.</li><li>• Utilize the provided buckles and screws for extra security.</li></ul>
APP cannot connect to the controller.	<ul style="list-style-type: none"><li>• Bluetooth is off on the phone.</li><li>• Controller is not powered.</li><li>• APP version incompatibility.</li></ul>	<ul style="list-style-type: none"><li>• Turn on Bluetooth on your smartphone.</li><li>• Verify the controller is receiving power.</li><li>• Ensure your phone's operating system meets the minimum requirements (iOS 10.0+, Android 4.4+).</li><li>• Try restarting the app and your phone.</li></ul>

## SPECIFICATIONS

Feature	Detail
Brand	ETINAS
Model	AM0009

Feature	Detail
Color	Black (housing)
Form Factor	Strip
Recommended Use	Vehicle Exterior (Underbody)
Included Components	6 PCS Waterproof Exterior Car Lights, 1 APP controller
Special Feature	Multi-Color, Addressable LED, Chasing Effects
Item Weight	1.11 Kilograms (2.44 pounds)
Material	Plastic or composite material (e.g., aluminum or silicone)
Water Resistance Level	IP68 Waterproof
Remote Control Included?	No (APP controlled)
Number of Pieces	6
Automotive Fit Type	Universal Fit
UPC	755520627106
Date First Available	November 26, 2019

## WARRANTY AND SUPPORT

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The ETINAS Car Underglow Lights Kit typically comes with a **one-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please refer to the contact information provided with your product packaging or visit the official ETINAS website. Specific contact details are not available in this document.