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› NineLeaf Smart Bike Alarm Taillight with Turn Signals and Automatic Brake Light User Manual

NineLeaf NLD-AMA01-SF31-02C

NineLeaf Smart Bike Alarm Taillight User Manual

Model: NLD-AMA01-SF31-02C

1. PRODUCT OVERVIEW

The NineLeaf Smart Bike Alarm Taillight is a versatile safety device for bicycles, integrating multiple functions into a single unit. It features a warning light, automatic brake light, turn signals, an electric horn, and an anti-theft vibration alarm. Designed for night riding and various weather conditions, this USB rechargeable taillight enhances rider visibility and security.



Image: The NineLeaf Smart Bike Alarm Taillight and its remote control. The taillight is a compact, black unit with integrated LED lights for various functions, and the remote control is designed for easy handlebar mounting.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Bike Taillight
- Remote Control
- Remote Control Strap
- Seatpost Mount Bracket
- Hex Key
- USB-C Cable
- No-slip Mats
- Key Chain
- User Manual



Image: All components included in the NineLeaf Smart Bike Alarm Taillight package, laid out for inspection. This includes the taillight unit, remote control, various mounting accessories, and charging cable.

3. SETUP AND INSTALLATION

3.1 Taillight Installation

The bike taillight can be easily mounted to a seat post with a diameter between 0.98 and 1.38 inches.

1. Attach the seatpost mount bracket to your bike's seat post.
2. Secure the bracket using the provided hex key.

3. Slide the taillight onto the mounted bracket until it clicks into place.

Video: This video demonstrates the step-by-step process of installing the NineLeaf Smart Bike Taillight onto a bicycle's seatpost using the provided bracket and tools.



Image: Diagram showing the compatible dimensions for mounting the taillight to a seat post (0.98-1.38 inches) and the remote control to a handlebar (0.78-0.94 inches).

3.2 Remote Control Installation

The remote control clamps easily to a handlebar with a diameter between 0.78 and 0.94 inches.

1. Use the remote control strap to secure the remote to your bike's handlebar in a convenient location.
2. Ensure the remote is firmly attached and does not interfere with steering or braking.

4. OPERATION

4.1 Power On/Off

Press the main button on the taillight unit to power it on or off.

4.2 Light Modes

The taillight offers 6 lighting modes, selectable via the remote control:

- **Slow Flashing:** Automatic light mode. Turns off after 30 seconds of inactivity to save power, lights up upon riding or vibration.
- **Breathing:** Automatic light mode. Turns off after 30 seconds of inactivity to save power, lights up upon riding or vibration.
- **Fast Blinking:** Stays on until manually turned off.
- **Steady Light:** Stays on until manually turned off.
- **Emergency Light:** Stays on until manually turned off.
- **OFF:** Light is off.



Image: Visual representation of the six different light modes available on the NineLeaf Smart Bike Alarm Taillight, including slow flashing, breathing, fast blinking, steady light, emergency light, and off.

4.3 Turn Signals

Activate left or right turn signals using the wireless remote control. The light will flash with an audible click sound to alert others.

Turn signals remain active for two minutes or can be manually turned off by pressing the corresponding button again.

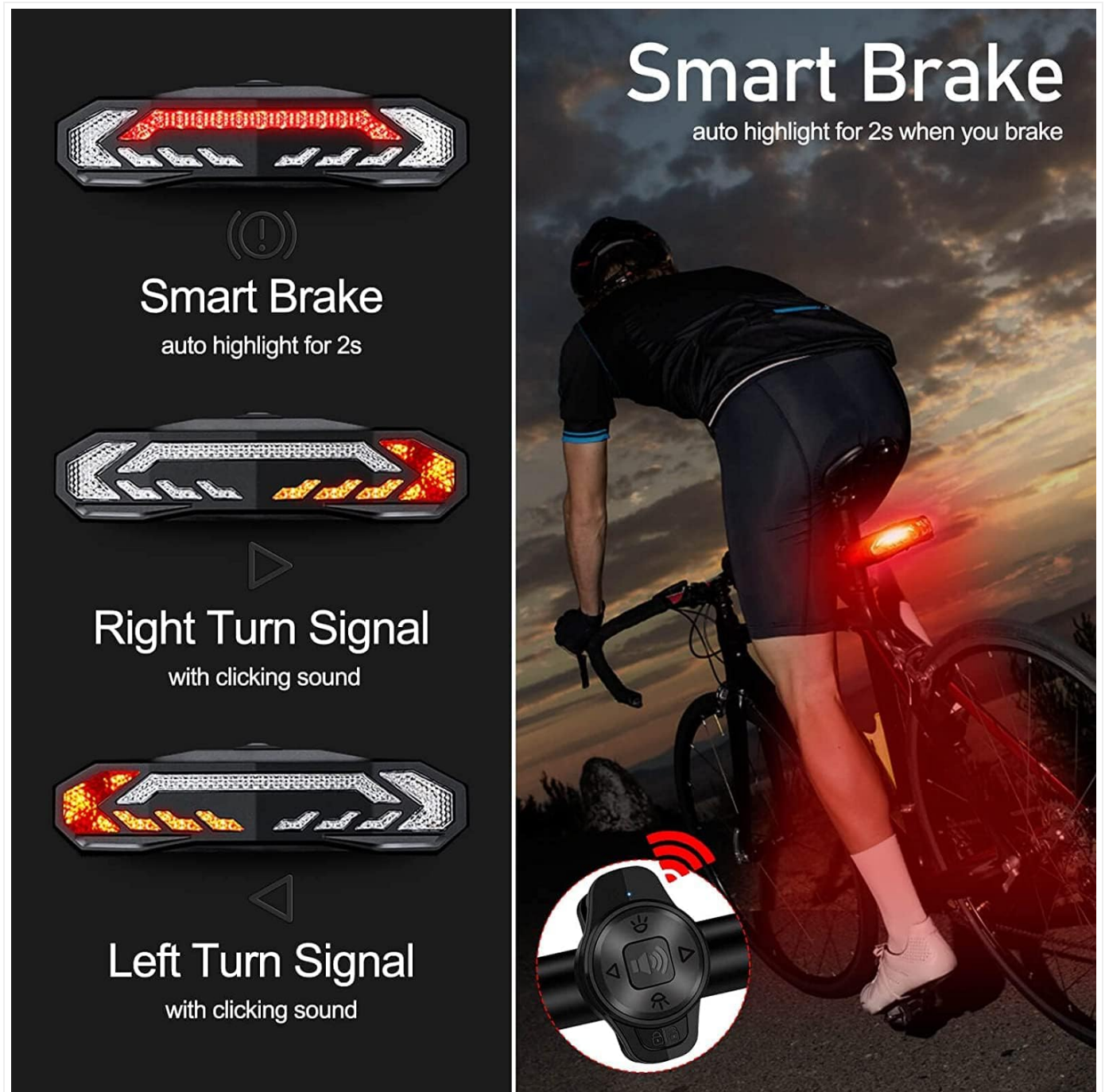


Image: Depicts the taillight displaying a smart brake light and both right and left turn signals, along with the remote control used to activate these functions.

4.4 Automatic Brake Sensing

The smart brake sensor automatically highlights the taillight for 2 seconds when braking or slowing down, providing an immediate alert to riders behind you.

4.5 Electric Horn

The taillight includes an electric horn with 3 selectable sounds. Press the electric bell button on the remote to activate a 110dB horn sound, alerting pedestrians or other cyclists.

4.6 Anti-theft Vibration Alarm

The anti-theft alarm is triggered by vibration, emitting a 110dB sound to deter thieves. It features 7 adjustable sensitivity levels, from a gentle touch to a strong impact.

- ① [◀]: Left turn light
- ② [🔔]: Electric bell button
- ③ [▶]: Right turn light
- ④ [🏠]: Headlight button
(Reserved/Waiting for upgrading)
- ⑤ [🏠]: Light mode button
[🔒]: Arm button
- ⑦ [🔒]: Disarm button
- ⑧ [○]: Indicator light



Bike Horn Function

3 kinds of bike horns are available - electric car sound/horn sound/birdcall sound



Image: Details the functions of the remote control buttons, including left/right turn, electric bell, light mode, arm/disarm, and indicator light. It also highlights the IP65 waterproof rating and horn sound options.

Video: This video provides instructions on how to set the horn sound, adjust the sensitivity level of the alarm, and modify the volume of the NineLeaf Smart Bike Alarm Taillight.

5. CHARGING

The taillight is equipped with a 2000mAh rechargeable battery and charges via USB-C. A full charge provides approximately 70 hours of work time.

1. Connect the provided USB-C cable to the charging port on the taillight.
2. Plug the other end of the cable into a USB power source (e.g., power bank, laptop, car charger, wall charger).
3. Monitor the charging level indicator to determine battery status.

2000mAh Rechargeable Battery



Image: Illustrates the USB-C charging process for the 2000mAh rechargeable battery, showing various compatible power sources and a charging level indicator.

6. MAINTENANCE

6.1 Water Resistance

The taillight has an IP65 waterproof rating, making it resistant to splashes and rain. However, it is not designed for submersion.



Image: A cyclist riding in the rain, demonstrating the IP65 waterproof capability of the NineLeaf Smart Bike Alarm Taillight.

6.2 General Care

- Clean the taillight and remote control with a soft, damp cloth. Avoid abrasive cleaners.
- Store the device in a cool, dry place when not in use.
- Ensure the USB-C port cover is securely closed to maintain water resistance.

7. TROUBLESHOOTING

If you encounter issues with your NineLeaf Smart Bike Alarm Taillight, please refer to the following common solutions:

- **Device not turning on:** Ensure the battery is charged. Connect the taillight to a power source using the USB-C cable.
- **Remote control not responding:** Check if the remote control battery needs replacement. Ensure the remote is within effective range of the taillight.
- **Alarm not functioning:** Verify the alarm is armed. Adjust the sensitivity level if it's not detecting motion as expected.
- **Lights not working correctly:** Ensure no physical obstruction is blocking the light output. If issues persist after charging, contact customer support.

8. SPECIFICATIONS

Brand	NineLeaf
Model Number	NLD-AMA01-SF31-02C
Color	Black
Material	Plastic
Power Source	Battery Powered
Water Resistance Level	Waterproof (IP65)
Mounting Type	Seat Mount
Number of Light Settings	6
Auto Part Position	Rear
Suggested Users	Unisex-adult
Sport Type	Cycling
First Available	May 17, 2023

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please contact NineLeaf customer service through the retailer's platform or the official NineLeaf website. Keep your purchase receipt for warranty claims.

