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ALINREDBX G1

ALINREDBX G1 Head Up Display User Manual

Digital GPS Speedometer for All Vehicles

1. Introduction

Thank you for choosing the ALINREDBX G1 Head Up Display. This device is a universal GPS speedometer designed to provide real-time speed, driving direction, and other essential driving data directly in your line of sight. It is compatible with all types of vehicles, including cars, trucks, bikes, and motorcycles. This manual will guide you through the installation, operation, and maintenance of your new HUD.

2. Safety Information

- Always ensure the device is securely mounted and does not obstruct your view of the road.
- Do not attempt to disassemble or modify the device. This may void the warranty and cause damage.
- Keep the device away from extreme temperatures, direct sunlight for prolonged periods, and moisture.
- Use only the provided USB cable for power.
- While driving, pay attention to the road and traffic conditions first. Use the HUD as an aid, not a distraction.

3. Package Contents

Please check the package for the following items:

- 1 x ALINREDBX G1 Head Up Display
- 1 x USB Cable
- 1 x Anti-Slip Mat
- 1 x English User Manual

4. Product Overview

The ALINREDBX G1 HUD is designed for clarity and ease of use. Below are the key components and their functions:



Figure 4.1: Front view of the ALINREDBX G1 HUD, displaying speed and unit.



Figure 4.2: Product dimensions and component labels including Photosensitive element, Dial button, Buzzer, and USB interface.



Figure 4.3: Detailed view of the device's rear and top, highlighting the dial button, photosensitive element, buzzer, and USB interface.

- **HD Display:** Small and exquisite LED screen for clear visibility.
- **Photosensitive Element:** Automatically adjusts display brightness based on ambient light.
- **Dial Button:** Used for navigating menus and adjusting settings.
- **Buzzer:** Provides audio alerts for overspeed and fatigue driving reminders.
- **USB Interface:** For power connection.

5. Setup

Follow these steps to set up your ALINREDBX G1 HUD:

1. **Placement:** Choose a suitable flat surface on your dashboard that does not obstruct your view or interfere with airbags. Use the provided anti-slip mat to secure the device.
2. **Power Connection:** Connect the provided USB cable to the USB interface on the HUD and plug the other end into a USB power source in your vehicle (e.g., USB port, cigarette lighter adapter).

3. **Power On:** The HUD will automatically power on when your vehicle starts. It will power off when the vehicle is shut down, effectively protecting your car battery. A manual switch mode is also available for more control.
4. **GPS Signal Acquisition:** Once powered on, the device will search for a GPS signal. This may take a few moments, especially during the first use or in areas with poor satellite reception. Ensure the device has a clear view of the sky.

6. Operating Instructions

The G1 HUD offers several features to enhance your driving experience:

6.1. Automatic Brightness Adjustment



Figure 6.1: The HUD adjusts brightness automatically for optimal visibility during day and night driving.



Figure 6.2: Equipped with photosensitive elements, the display brightness automatically adjusts according to external light intensity, ensuring clear visibility even in strong light.

The G1 HUD features an automatic brightness adjustment mode. Equipped with photosensitive elements, the display's brightness is automatically adjusted according to the intensity of external light. This ensures that the display is clearly visible under strong light conditions and does not cause glare during night driving.

6.2. Speed Unit Switch (MPH/KM/H)

The device supports switching between Miles Per Hour (MPH) and Kilometers Per Hour (KM/H). Refer to the detailed instructions in the included English User Manual for how to change this setting using the dial button.

6.3. Alarm Functions

The G1 HUD includes important safety features:

- **Overspeed Alarm:** If your speed exceeds a preset limit, the device will emit a warning sound. This limit can typically be adjusted via the settings.
- **Fatigue Driving Reminder:** For long journeys, the device can remind you to take a break after a certain duration of continuous driving.

6.4. GPS Compass



Figure 6.3: The HUD provides GPS precise positioning and real-time synchronous display of data, including driving direction (N-North, E-East, W-West, S-South).

The HUD utilizes GPS for precise positioning and real-time synchronous data display. It collects satellite data for accurate speed and driving direction, which is not affected by weather conditions.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the display and body of the device. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.
- **Durability:** The G1 is made of ABS+PC material, which offers good heat resistance and impact resistance. While durable, avoid dropping the device from significant heights.

8. Troubleshooting

Problem	Possible Cause	Solution
No display/Device not powering on	No power supply; Loose cable connection; Vehicle not started.	Ensure USB cable is securely connected. Check vehicle's USB port or power source. Start the vehicle to activate auto power-on.
No GPS signal/Inaccurate speed	Device is indoors; Obstruction to sky view; Weak GPS signal area.	Move the device to an open area with a clear view of the sky. Wait for the device to acquire a stable GPS signal (may take longer for first use).
Display too dim/too bright	Automatic brightness adjustment issue; Manual override needed.	Ensure the photosensitive element is not covered. If issues persist, refer to the manual for manual brightness adjustment settings.
Alarm sounds frequently	Overspeed limit set too low; Fatigue driving reminder active.	Adjust the overspeed alarm limit via the settings. Be mindful of fatigue driving reminders on long trips.

9. Specifications

Feature	Specification
Model	G1
Material	ABS+PC (Acrylonitrile Butadiene Styrene)
Product Size	63.8mm*61.7mm*47.1mm (2.5inch*2.4inch*1.8inch)
Screen Type	LED
LCD Color	White (display color is green)
Powered	5V
Compatibility	Universal for all cars, trucks, bikes, & motorcycles
Item Weight	150 Grams (5.29 ounces)
UPC	649226152140

10. Warranty and Support

For warranty information and customer support, please refer to the specific warranty card included with your product or contact ALINREDBX customer service through the retailer where you purchased the product. Keep your purchase receipt as proof of purchase.

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