AMROOLOO B3

AMROOLOO B3 Car HUD Head Up Display User Manual

Your guide to setting up and operating your AMROOLOO B3 Car HUD.

1. INTRODUCTION

The AMROOLOO B3 Car HUD (Heads Up Display) is an advanced OBD system speedometer designed to enhance your driving experience by displaying crucial vehicle data directly in your line of sight. This device reads data from your car's internal trip computer, providing real-time information such as speed, RPM, traveling time, fuel consumption, and voltage. Its newly designed color structure ensures a clear and modern display.

Product Overview

Image: The AMROOLOO B3 Car HUD, showcasing its compact design and vibrant digital display for speed and RPM.

Key Features

- **Clear Data Display:** See your car's data clearly while driving with a newly designed color structure.
- **Multi-Function Display:** Shows speed, RPM, traveling time, traveling journey, fuel consumption, and voltage.
- **Intelligent Alert System:** Provides speed tips, fatigue driving tips, RPM tips, voltage tips, and water temperature tips. Alerts you when set limits are approached.
- **OBD System Compatibility:** Reads data from the car's internal trip computer. Suitable for most car models after 2008.

Product Alert Functions

With four alert functions, the B3 is able to provide you with driving supervision to make your journey easier.

A sound is made when the product prompts you.

Tired driving reminder

Overspeed alarm

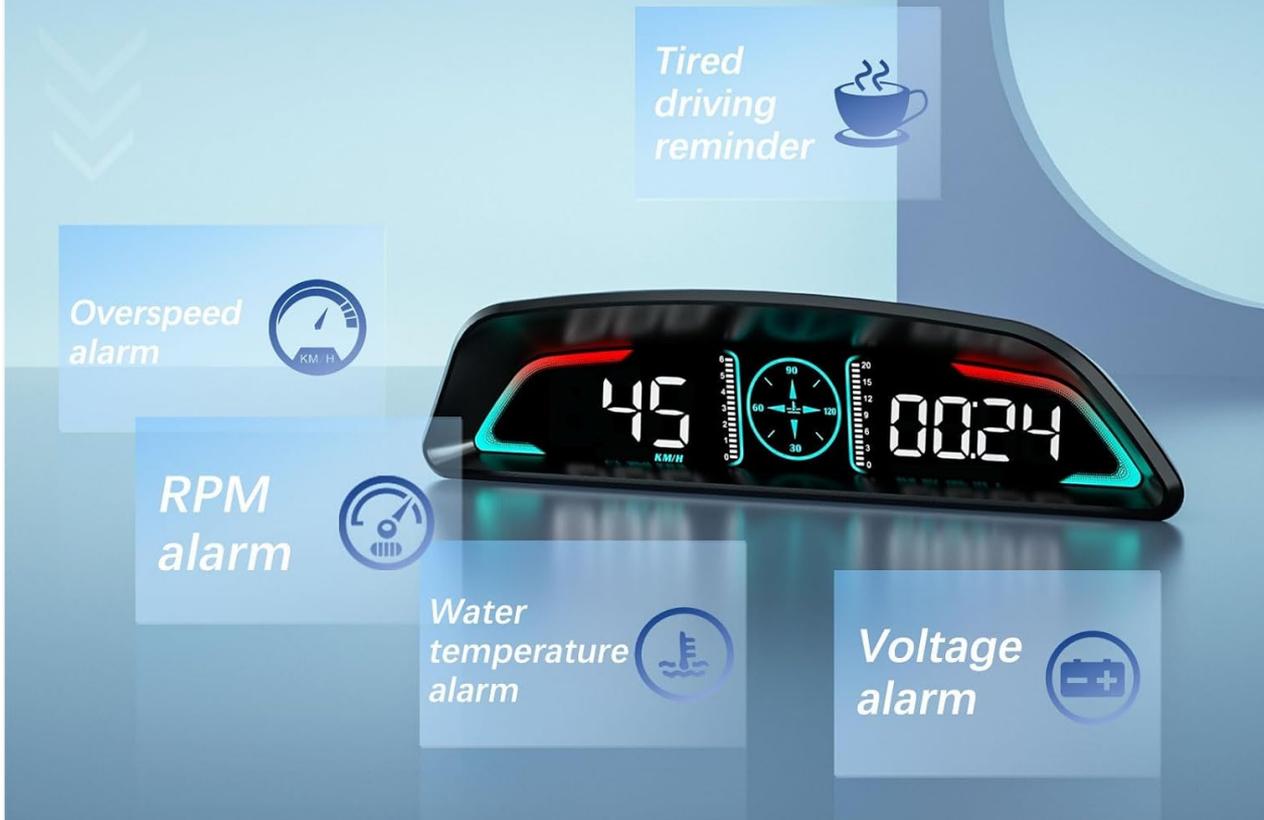RPM alarm

Water temperature alarm

Voltage alarm

Image: Visual representation of the various functions displayed by the HUD, including Speed, Clock, RPM, Voltage, Driving Time, Driving Distance, Fuel Consumption, and Water Temperature.

The OBD system is available for most models after 2008 and the product connects to the car's OBD port for data synchronisation.

OBD Car Heads Up Display

The OBD system works by reading the data inside the car's trip computer for display, which is accurate and updated in real time.

Image: Illustration of the four alert functions: Overspeed alarm, RPM alarm, Water temperature alarm, Voltage alarm, and a Tired driving reminder.

2. PACKAGE CONTENTS

Upon opening your AMROOLOO B3 Car HUD package, please ensure all the following items are present:

- AMROOLOO B3 HUD Unit
- OBD Cable
- User Manual
- Anti-slip Mat

Product Accessories

- B3-HUD
- OBD line
- Manual
- Non-slip mat

Image: The complete set of product accessories, including the B3-HUD unit, OBD line, manual, and non-slip mat.

3. SETUP AND INSTALLATION

System Compatibility

This product is an OBD system speedometer, designed to read data from your car's internal trip computer. It is suitable for most car models manufactured after 2008 that support the OBD2 protocol. Please note that some special models, such as Suzuki, Chevrolet, and Subaru, may not be compatible. If you are unsure about your vehicle's compatibility, please consult your car's manual or contact the manufacturer.

Suitable for most cars with OBD2 protocol

This OBD meter uses imported chips with the latest Lianyong technology, which is able to read the data in the car and then display it on the screen.

This product is suitable for most cars after 2008. If you are not sure if it will work, you can ask me.

Image: A conceptual image illustrating the OBD system's function, showing how the HUD accurately displays real-time data from the car's trip computer.

Image: An image emphasizing the product's compatibility with most cars manufactured after 2008 that utilize the OBD2 protocol, with small car models floating around the HUD.

Installation Steps

Installing your AMROOLOO B3 HUD is a straightforward process:

1. **Locate OBD Port:** Identify your vehicle's OBD-II port, typically located under the dashboard on the driver's side.

2. **Connect Cable:** Use the provided OBD cable to connect the AMROOLOO B3 HUD unit to your car's OBD-II port.

3. **Position Device:** Place the HUD unit on your dashboard in a convenient location where you can easily view the data without obstructing your driving view. Use the included anti-slip mat to secure the device in place.

4. **Start Engine:** Turn on your car's ignition. The HUD should power on automatically and begin displaying data.

Image: The AMROOLOO B3 HUD positioned on a car dashboard, displaying speed and other data, with a view of the road ahead, demonstrating its intended use.

4. OPERATING INSTRUCTIONS

Display Modes and Functions

The B3 car OBD meter offers a variety of functions that can be displayed. After reading the data from your car's trip computer, the information will be shown on the screen. You can switch between different display modes and functions according to your preferences. The functional area, combined with a gradient line sense, enhances the driving experience.

The primary functions include:

- **Speed:** Displays current vehicle speed in MPH or KM/H.

- **RPM:** Shows engine revolutions per minute.

- **Traveling Time:** Tracks the duration of your current trip.

- **Traveling Journey:** Records the distance covered during your current trip.

- **Fuel Consumption:** Provides real-time fuel usage data.

- **Voltage:** Monitors your car's battery voltage.
- **Clock:** Displays the current time.
- **Water Temperature:** Shows engine coolant temperature.

Alert Functions

The B3 HUD is equipped with intelligent alert functions to provide driving supervision and make your journey safer. The product will emit a sound when an alert is triggered. These alerts include:

- **Overspeed Alert:** Notifies you when your speed exceeds a preset limit.
- **Fatigue Driving Reminder:** Prompts you to take a break after extended driving periods.
- **RPM Alert:** Warns you if engine RPM goes beyond a safe threshold.
- **Voltage Alert:** Alerts you to abnormal battery voltage levels.
- **Water Temperature Alert:** Informs you if the engine coolant temperature becomes too high.

Refer to the detailed user manual included in the package for instructions on how to set and customize these alert thresholds.

Daytime and Nighttime Display

The AMROOLOO B3 HUD is designed for optimal visibility in various lighting conditions. Its display adjusts to ensure clarity whether you are driving during the day or at night.

Product Functions

The product displays a variety of functions, after reading the data will be displayed in the screen workspace, you can switch according to your preferences. Functional area plus gradient line sense adds more driving fun.

Speed	Clock	RPM	Voltage
Driving time	Driving distance	Fuel consumption	Water temperature

Image: A comparison showing the AMROOLOO B3 HUD's display clarity during daytime and nighttime driving conditions, highlighting its adaptive brightness.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AMROOLOO B3 Car HUD, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the display screen and the unit's exterior. Avoid using abrasive cleaners, solvents, or chemical sprays, as they may damage the surface.
- **Storage:** If you plan to store the device for an extended period, disconnect it from the OBD port and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle the OBD cable with care. Avoid sharp bends or kinks that could damage the internal wires.
- **Environmental Conditions:** Do not expose the device to excessive moisture, dust, or extreme vibrations.

6. TROUBLESHOOTING

If you encounter any issues with your AMROOLOO B3 Car HUD, please refer to the following common troubleshooting steps:

- **No Power/Display:**

    - Ensure the OBD cable is securely connected to both the HUD unit and the car's OBD-II port.
    - Check your car's ignition. The HUD typically powers on with the ignition.
    - Verify your vehicle's compatibility. The device is suitable for most cars after 2008, but some specific models (e.g., Suzuki, Chevrolet, Subaru) may not be compatible.

- **Incorrect Readings:**

    - Ensure the device is properly connected and receiving data from the OBD system.
    - Refer to the detailed user manual for calibration instructions if available.

- **Alerts Not Functioning:**

    - Check the settings within the HUD to ensure alert thresholds are properly configured and enabled.
    - Ensure the volume is not muted if audible alerts are expected.

- **Device Freezes/Unresponsive:**

    - Disconnect the HUD from the OBD port, wait a few seconds, and then reconnect it to perform a soft reset.

For more detailed troubleshooting steps or persistent issues, please consult the comprehensive user manual provided with your product or contact AMROOLOO customer support.

7. SPECIFICATIONS

Below are the technical specifications for the AMROOLOO B3 Car HUD Head Up Display:

Feature	Specification
Model Number	B3
Product Dimensions	6.61 x 0.63 x 1.69 inches
Item Weight	2.65 ounces (75 Grams)
Material	Plastic
Screen Size	4.3 Centimeters
Compatibility	Most cars after 2008 with OBD2 protocol
Manufacturer	AMROOLOO

8. WARRANTY AND SUPPORT

AMROOLOO is committed to providing high-quality products. This product comes with a standard manufacturer's warranty, details of which can be found in the warranty card included in your product packaging. Please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please refer to the contact information provided in your product's user manual or visit the official AMROOLOO website.