ACECAR P6

ACECAR P6 Car HUD Head Up Display User Manual

Model: P6

1. Introduction

The ACECAR P6 Car HUD Head Up Display is a smart gauge designed to enhance your driving experience by projecting essential vehicle information directly into your line of sight. This device features both OBD2 and GPS modes, making it versatile for a wide range of vehicles. It provides real-time data such as speed, RPM, water temperature, voltage, and offers multiple fault alarm functions for increased safety. This manual will guide you through the installation, operation, and maintenance of your P6 HUD.



Image: The ACECAR P6 HUD Head Up Display, showcasing its primary interface with digital speed, RPM gauge, and various vehicle parameters.

2. Setup and Installation

The ACECAR P6 HUD is designed for easy plug-and-play installation. Follow these steps to set up your device:

1. **Prepare the Cable:** Use the provided crowbar to carefully hide the OBD cable into the A-pillar of your vehicle for a neat installation.
2. **Connect to OBD Port:** Locate your car's OBD port (typically under the dashboard on the driver's side) and plug in the OBD cable.
3. **Connect to HUD:** Connect the other end of the OBD cable to the OBD2 interface on the P6 HUD unit.
4. **Secure the HUD:** Tear off the protective film from the anti-slip sticker at the bottom of the HUD unit. Place the HUD on your dashboard in your preferred location. The adjustable bracket allows you to change the installation position and angle as needed.



Image: Illustration of two installation methods for the HUD, highlighting the adjustable bracket for optimal placement.

For a visual guide on the installation process, please refer to the video below:

Your browser does not support the video tag.

Video: A detailed guide demonstrating the installation steps for the ACECAR P6 HUD Head Up Display, including cable routing and unit placement.

3. Operating Instructions

The P6 HUD offers various display interfaces and functions. Here's how to operate it:

3.1 Function Switching

In the working state of the HUD, short press the left button. The icon on the screen will flash. Short press the right key again to switch between different function values. This allows you to cycle through parameters such as speed, RPM, water temperature, voltage, driving direction, average fuel consumption, and time.



Image: Visual representation of the various functions and data points available on the P6 HUD.

3.2 Entering Setup Mode

To enter the setup mode, long press the middle 'OK' button for 2 seconds. Use the left and right keys to select menu items. Short press to confirm your selection and save changes. After adjustment, press and hold the 'OK' button for 2 seconds to exit the setup mode.

The setup mode allows you to adjust settings such as speed alarm thresholds, unit measurements (MPH/KMH), time zone, and other system preferences.

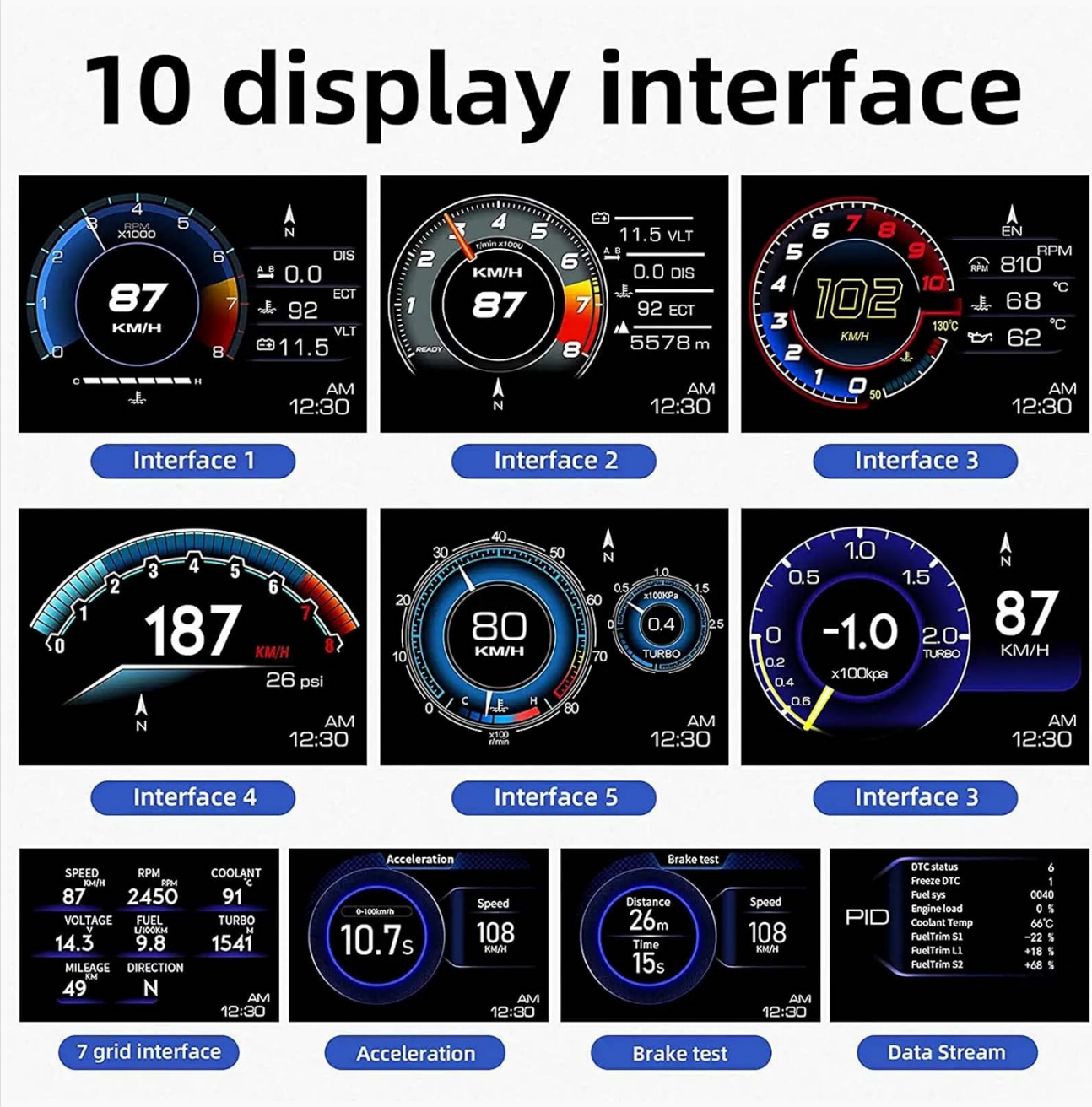


Image: Examples of the ten different display interfaces that can be selected on the P6 HUD.

Your browser does not support the video tag.

Video: Demonstration of how to switch between functions and enter the setup mode on the ACECAR P6 HUD.

4. Maintenance

To ensure the longevity and optimal performance of your ACECAR P6 HUD, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the display screen and the unit's exterior. Avoid using abrasive cleaners or solvents that could damage the surface.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Ensure the OBD2 cable is not pinched or excessively bent, as this can damage the internal wiring.

5. Troubleshooting

If you encounter any issues with your ACECAR P6 HUD, refer to the following common problems and solutions:

- **No Display/Incorrect Readings (OBD Mode):**
  The OBD2 mode is primarily available for vehicles produced after 2008. If your car is older or is a hybrid electric vehicle, diesel car, pickup truck, RV, or computer modified car, it may not be compatible with OBD mode. In such cases, switch to GPS mode. If you are unsure about compatibility, consult your vehicle's manual or contact ACECAR support.
- **Unit Shuts Down After Short Distance:**
  This can sometimes be resolved by adjusting the boot mode and voltage settings in the setup menu. Refer to the 'Entering Setup Mode' section for navigation.
- **Settings Revert to Defaults:**
  Ensure the unit is properly powered off when not in use to prevent the internal battery (if present for memory retention) from depleting.
- **Engine Warning Light On:**
  The P6 HUD can display and clear fault codes. Navigate to the 'PID' section in the function display to view and clear diagnostic trouble codes (DTCs).
- **Over Speed Alarm:**
  The device is equipped with an over speed alarm function to alert you when exceeding a set speed limit. This can be configured in the setup menu.
- **Other Alarms:**
  The HUD includes multiple fault alarm functions such as low battery voltage, high water temperature, RPM, engine fault, and excessive tilt angle. Pay attention to these alerts for safer driving.

6. Specifications

Feature	Detail
Brand	ACECAR
Model Number	P6
Item Weight	5.3 ounces (150 Grams)
Material	Plastic
Connectivity	OBD2 + GPS Dual System
Display Type	HD LCD
Key Features	Test Brake, Overspeed Alarm, Fault Code Clearing, Multiple Display Interfaces

7. Warranty and Support

ACECAR stands behind the quality of its products. For warranty information and technical support, please refer to the documentation included with your purchase or visit the official ACECAR website. If you have any questions or require assistance, do not hesitate to contact our customer service team.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question