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wiiyii P1

wiiyii P1 Head-Up Display: OBD+GPS Multi-Meter User Manual

Model: P1 | Brand: wiiyii

1. Introduction

The wiiyii P1 Head-Up Display (HUD) is an advanced automotive multi-meter designed to provide real-time vehicle data directly in the driver's line of sight. It features a dual OBD2+GPS system, an integrated inclinometer, and customizable ambient lighting. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and safety.

2. Safety Information

- Ensure the device is securely mounted and does not obstruct the driver's view or interfere with vehicle controls.
- Do not attempt to disassemble or modify the device. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the device away from water, extreme temperatures, and direct sunlight for prolonged periods.
- Always prioritize driving safety. Adjust settings or view detailed information only when the vehicle is stationary and it is safe to do so.

3. Package Contents

Please check the box for the following items:

- wiiyii P1 Head-Up Display Unit (x1)
- OBD2 Connection Cable (x1)
- Anti-slip Mat (x1)
- User Manual (English/Japanese) (x1)
- Mounting Bracket (pre-attached to unit) (x1)
- Hex Wrench (x1)
- Fixing Tape (x1)
- Pry Tool (for cable routing) (x1)



Image: wiiyii P1 HUD package contents. The image shows the P1 display unit, an OBD2 cable, an anti-slip mat, a user manual, a hex wrench, fixing tape, and a pry tool, all neatly arranged in the product box.

4. Product Features

- **Dual OBD2+GPS System:** Operates in OBD2 mode for most vehicles manufactured after 2009. For diesel vehicles, light trucks, vans, Subaru, or Suzuki models, switch to GPS mode. If only voltage is displayed in OBD2 mode, switch to GPS mode.
- **Integrated Inclinometer:** Features a 6-axis sensor to monitor vehicle attitude in real-time, providing information on roll and pitch angles. An audible buzzer alerts the driver if the vehicle's tilt exceeds 30 degrees, ideal for off-road and camping.
- **Customizable Ambient Light:** Seamless design with 12 different page interfaces. Built-in GPS and Beidou chips ensure stable communication and fast refresh rates.
- **Multiple Alarms:** Enhances driving safety with various alerts including over-speed, voltage, speed, water temperature, oil temperature, exhaust temperature, oil pressure, turbo pressure, fuel pressure, and engine load alarms.
- **Performance Testing:** Includes acceleration and brake test functions to measure vehicle performance.
- **Comprehensive ECU Data:** Reads and displays a wide range of ECU data from the vehicle.



Image: The wiiyii P1 HUD displaying a comprehensive set of vehicle data points, including speed, RPM, various temperatures, pressures, and performance metrics.



Image: The wiiyii P1 HUD showcasing 12 distinct interface designs, allowing users to customize the display of information.

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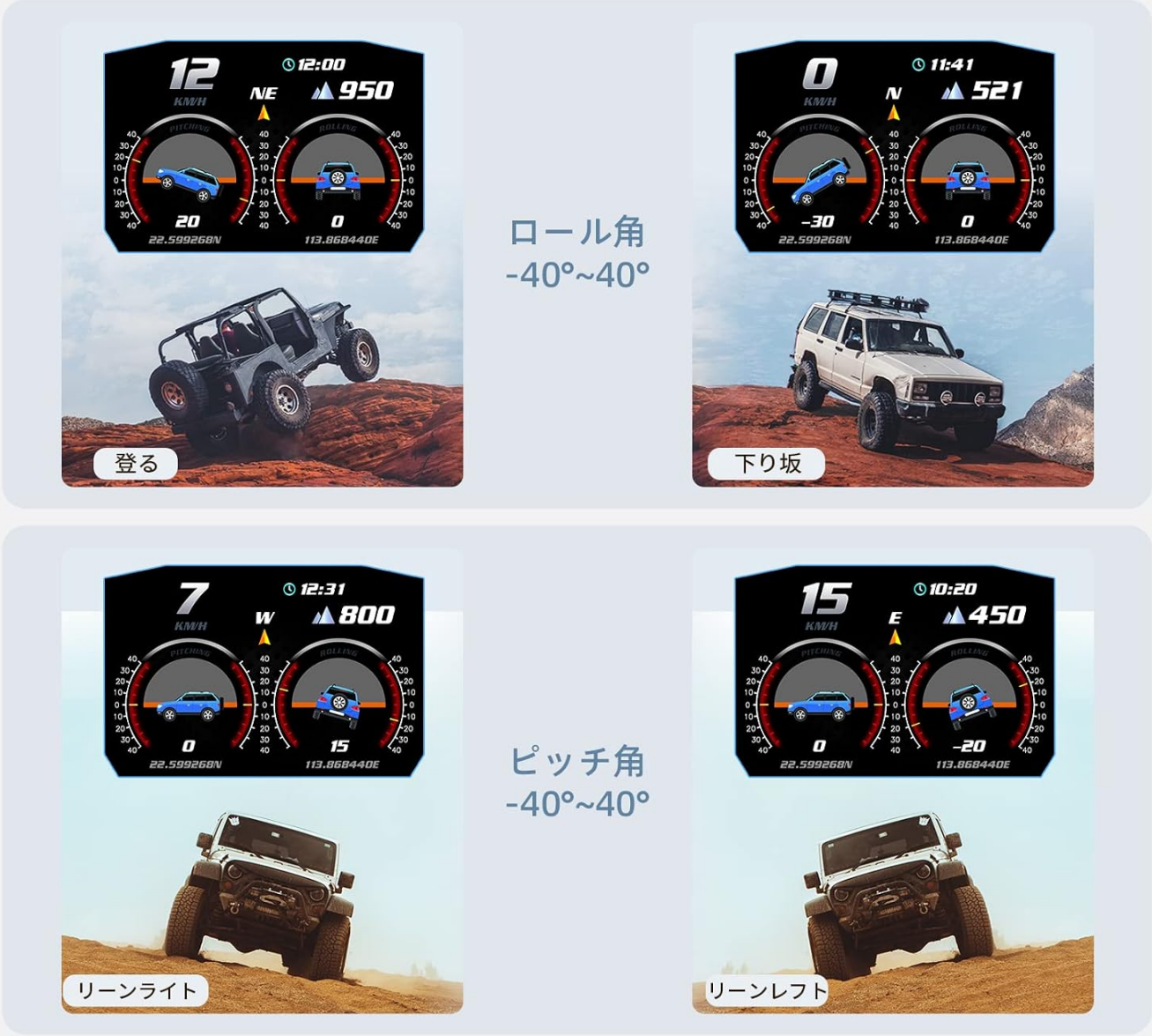


Image: The wiiyii P1 HUD illustrating its inclinometer function, showing real-time roll and pitch angles with graphical representations of a vehicle on inclines and declines.



Image: The wiiyii P1 HUD displaying different ambient light colors and modes, which can change based on engine speed or be set to a constant color.



Image: The wiiyii P1 HUD illustrating its multiple alarm functions, with icons for various critical vehicle parameters that can trigger alerts.

5. Setup

5.1. Identifying the OBD2 Port

The OBD2 port is typically located under the dashboard on the driver's side, often near the steering column. Consult your vehicle's manual if you cannot locate it.

5.2. Connecting the Device

1. Plug the OBD2 cable into your vehicle's OBD2 port.
2. Connect the other end of the cable to the wiiyii P1 HUD unit.
3. Route the cable neatly along the A-pillar and dashboard using the provided pry tool and fixing tape to avoid obstruction and ensure a clean installation.
4. Place the HUD unit on the anti-slip mat on your dashboard or attach it to the windshield using the bracket. Ensure it is stable and does not block your view.

Your browser does not support the video tag.

Video: This video demonstrates the connection of the OBD2 cable to the vehicle's port and the routing of the cable along the A-pillar for a tidy installation. It also shows the device being placed on the dashboard.



Image: The wiiyii P1 HUD with its 360-degree split bracket, illustrating flexible installation options on the dashboard or windshield.

5.3. Initial Power-On and Mode Selection

Once connected, the device will power on automatically with the vehicle's ignition. It will attempt to connect in OBD2 mode first. If your vehicle is not compatible with OBD2 mode (e.g., older models, specific diesel vehicles), or if only voltage is displayed, you will need to switch to GPS mode.

- To switch modes, use the navigation buttons (usually 'OK' or 'M' button for selection, and up/down arrows for navigation) to access the system settings.
- Select 'Mode Selection' and choose between 'OBD2' or 'GPS'.

6. Operating Instructions

6.1. Button Functions

- **OK/M Button:** Short press to confirm selection or switch display interfaces. Long press to enter/exit system settings.
- **Up/Down Buttons:** Short press to navigate through menu options or switch between different data displays.

6.2. Switching Display Interfaces

The P1 offers 12 different display interfaces. Short press the 'OK/M' button to cycle through these interfaces and find the one that best suits your preferences.

6.3. Understanding Displayed Data

The display shows various vehicle parameters. Refer to the icons and labels on the screen for specific data points such as speed, RPM, water temperature, voltage, fuel consumption, and more. The inclinometer displays real-time roll and pitch angles.

7. Display Modes and Settings

7.1. Ambient Light Settings

The ambient light can be customized:

- **Speed-based Ambient Light:** The default setting, where the light color changes according to your engine speed.
- **Vehicle Speed-based Ambient Light:** An alternative setting where the light color changes based on your vehicle's speed.
- **Constant Color:** Choose your preferred static color for the ambient light.
- **On/Off:** You can choose to turn the ambient light on or off.

7.2. System Settings

To access system settings:

1. Long press the 'OK/M' button for 3 seconds to enter the system settings menu.
2. Use the Up/Down buttons to navigate through the settings options (e.g., brightness, units, alarm thresholds).
3. Short press the 'OK/M' button to confirm a selection.
4. Once settings are complete, long press the 'OK/M' button for 3 seconds to exit the system settings.

8. Troubleshooting

- **Device does not power on:** Check the OBD2 cable connection. Ensure the vehicle's ignition is on.
- **Only voltage is displayed:** Your vehicle may not be fully compatible with OBD2 mode. Switch the device to GPS mode via the system settings.
- **Inaccurate speed reading (GPS mode):** Ensure the device has a clear view of the sky for optimal GPS signal reception. Speed accuracy may vary slightly based on satellite availability.
- **Alarms are too frequent/not active:** Adjust the alarm thresholds in the system settings to match your preferences and local regulations.
- **Display is too bright/dim:** Adjust the brightness setting in the system settings. The device also features automatic brightness adjustment.

9. Specifications

Specification	Value
Brand	wiiyii
Model Number	P1

Product Dimensions (LxWxH)	14.7 x 4.5 x 9.3 cm
Product Weight	260 grams
Connectivity	OBD2, GPS, Beidou
Display Type	LCD
Special Features	Inclinometer, Ambient Light, Multiple Alarms, Performance Tests
UPC	709923384586

10. Maintenance

- Clean the display screen regularly with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Ensure the OBD2 cable connections are secure and free from damage.
- Keep the device free from dust and debris.

11. Warranty and Support

wiiyii offers a **24-month warranty** for the P1 Head-Up Display. In case of any issues or questions, please contact our customer service for assistance. We are committed to providing **24-hour after-sales service** to ensure your satisfaction.
For support, please refer to the contact information provided in your product packaging or visit the official wiiyii website.

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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.

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