

wiiyii P6

wiiyii P6 Car HUD Head Up Display Instruction Manual

Model: P6 | Brand: wiiyii

OBD+GPS Smart Gauge for Enhanced Driving Information

1. INTRODUCTION

The wiiyii P6 Car HUD Head Up Display is an advanced OBD+GPS smart gauge designed to provide essential driving data directly in your line of sight, enhancing safety and convenience. This dual-mode device offers comprehensive vehicle information, including speed, engine RPM, water temperature, voltage, fuel consumption, and more, through both OBD2 and GPS systems. It features multiple display interfaces, adjustable ambient lighting, and various performance tests.



Figure 1: wiiyii P6 HUD Head Up Display showing various real-time vehicle data.

2. WHAT'S IN THE BOX

Upon opening the package, please ensure all the following items are included:

- P6-HUD Unit
- Rotary Suction Cup Bracket
- User Manual
- OBD Cable
- 3M Tape
- Crowbar (for trim removal)

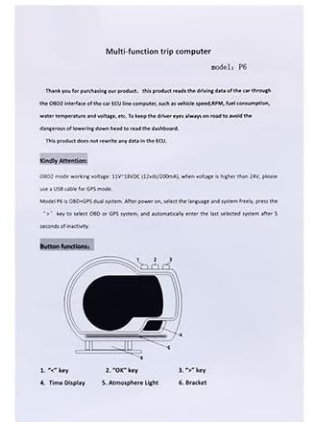
Accessories



【P6-HUD】



【Rotary suction cup bracket】



【Manual】



【OBD cable】



【3M tape】



【Crowbar】

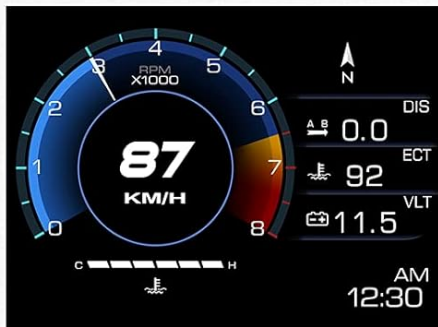
Figure 2: All components included in the wiyii P6 HUD package.

3. KEY FEATURES

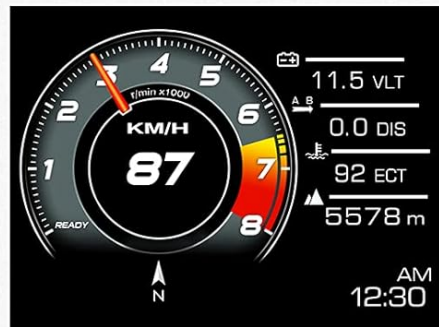
- **Dual Mode (OBD+GPS):** Provides comprehensive data from both vehicle's OBD2 system and GPS, ensuring compatibility with a wider range of vehicles.
- **Multiple Display Interfaces:** Choose from 10 different display interfaces to customize the information presented on the screen.
- **Real-time Data Display:** Monitor speed, water temperature, voltage, fuel consumption, RPM, single mileage, total mileage, driving time, driving direction, altitude, oil temperature, and more.
- **Alarm Functions:** Includes overspeed alarm, RPM alarm, water temperature alarm, and voltage alarm for enhanced safety.
- **Ambient Light Indicator:** The ambient light changes from blue (normal driving) to red (alarm) to provide visual alerts.
- **Performance Tests:** Features acceleration test and brake test functions.
- **Fault Code Clearing:** Ability to read and clear fault codes from the vehicle's ECU.

- **Easy Installation:** Two installation methods (on dashboard or stick to windshield) with non-destructive setup.

10 display interface



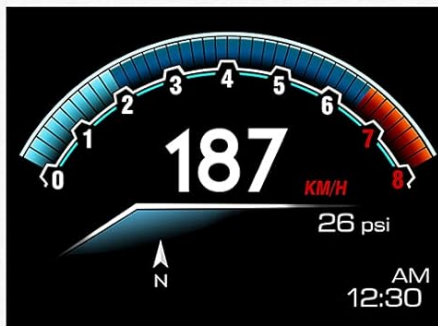
Interface 1



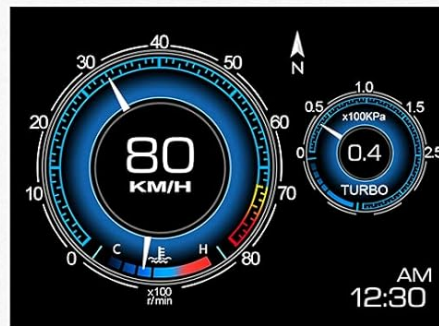
Interface 2



Interface 3



Interface 4



Interface 5



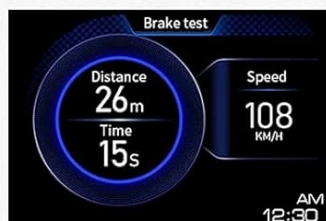
Interface 3



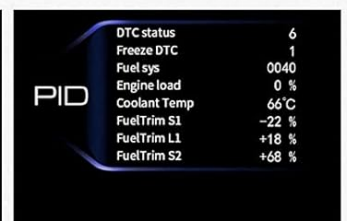
7 grid interface



Acceleration



Brake test



Data Stream

Figure 3: Various display interfaces of the P6 HUD, showing customizable data layouts.

4. SETUP AND INSTALLATION

The wiyii P6 HUD offers two primary installation methods: placing it on the dashboard or sticking it to the windshield using the provided suction cup bracket.

1. **Choose Installation Location:** Select a suitable flat surface on your dashboard or windshield that does not obstruct your view of the road.
2. **Attach Mounting Bracket:**
 - For dashboard placement: Use the 3M tape to secure the base of the HUD unit to your dashboard.
 - For windshield mounting: Attach the rotary suction cup bracket to the HUD unit, then secure it to the windshield.

3. **Connect OBD Cable:** Locate your vehicle's OBD2 diagnostic port, typically found under the dashboard on the driver's side. Plug the provided OBD cable into this port and connect the other end to the HUD unit's input port.
4. **Route Cable:** Carefully route the OBD cable to avoid interference with driving controls or passenger movement. Use the crowbar tool to tuck the cable neatly into trim gaps if desired.
5. **Power On:** Once connected, start your vehicle. The HUD unit should power on automatically.

2 kinds installation methods



Put on dashboard

Stick to windshield

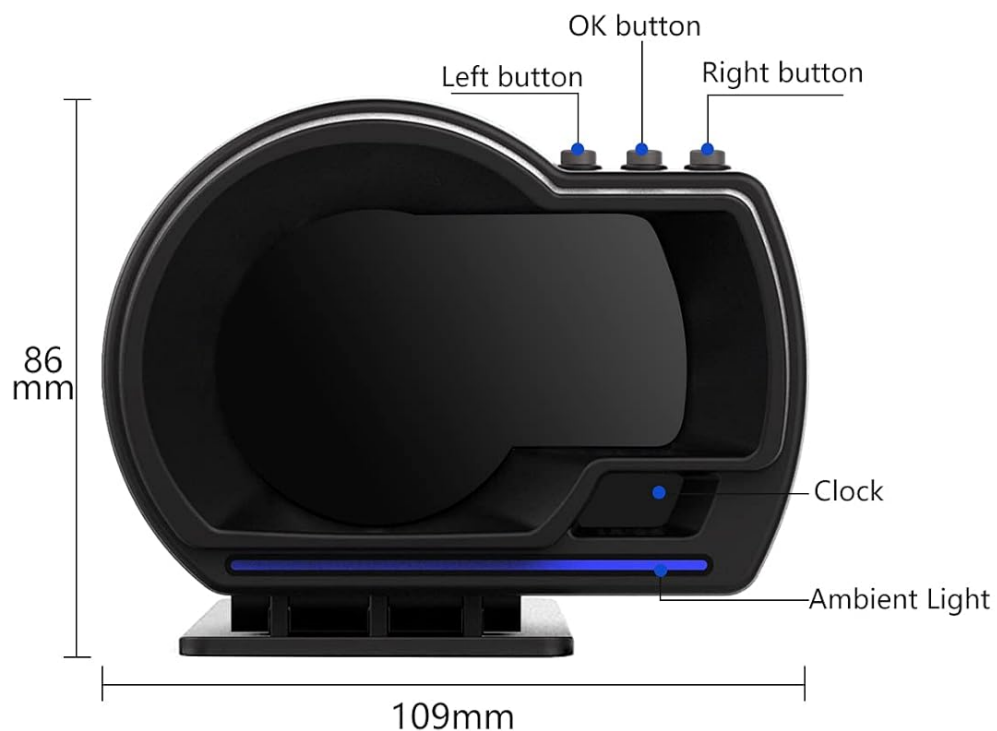


Figure 4: Illustration of the two available installation methods for the HUD.

For a visual guide on connecting the OBD cable and initial setup, please refer to the video below:

Your browser does not support the video tag.

Video 1: Demonstrates the connection of the wiiiii P6 HUD via the OBD port and initial power-on sequence.

5. OPERATING INSTRUCTIONS

The P6 HUD features three control buttons on the top: Left, OK (middle), and Right. These buttons allow you to navigate

menus, switch display interfaces, and adjust settings.

5.1. Power On and Mode Selection

The device automatically powers on when the vehicle starts. Within the first 5 seconds of power-on, you can press the 'Right' button to select between OBD mode and GPS mode. Press 'OK' to confirm your selection. If no action is taken, it will automatically enter the last used system after 5 seconds.

The default display combines both OBD and GPS functions for richer data. If your vehicle does not support the OBD2 protocol, the device will automatically switch to GPS-only mode.

5.2. Switching Display Interfaces

Press the 'OK' (middle) button briefly to cycle through the 10 available display interfaces. Each interface presents data in a different layout, allowing you to choose your preferred view.



Figure 5: Examples of different data displays and interfaces.

5.3. Ambient Light Functionality

The ambient light bar at the bottom of the unit provides visual feedback:

- **Blue Light:** Indicates normal driving conditions. The brightness adjusts automatically based on the environment.
- **Red Light:** Flashes when an alarm condition is met (e.g., overspeed, high water temperature). The red light remains at its brightest state during an alarm.

The ambient light can be turned off or adjusted manually through the settings menu. Even if turned off, it will still turn red and flash in case of an alarm.

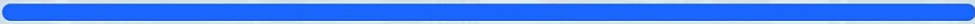
Ambient Light

Make driving more comfortable

Alarm flashing



Ambient
Light

- ① Turn on after power on, the color is blue (changing with the environment)

- ② When there is an alarm, the color is red and flashing (remains the brightest state)

- ③ The ambient light can be turned off or adjusted by manual (after turn off, it will still turn red and flashing in case of alarm)


Figure 6: Ambient light indicator showing normal (blue) and alarm (red) states.

5.4. Accessing Settings and Advanced Functions

Press and hold the 'OK' (middle) button for 2 seconds to enter the system settings menu. Use the 'Left' and 'Right' buttons to navigate through options and 'OK' to confirm selections.

Key functions accessible via settings include:

- **Speed Error Adjustment:** Fine-tune speed readings to match your vehicle's instrument panel.
- **Shutdown Voltage Settings:** Adjust the voltage threshold for automatic shutdown after the car is turned off.
- **Acceleration Test:** Measure 0-100 km/h acceleration time.
- **Brake Test:** Measure braking distance and time.
- **Clear Fault Code:** Erase diagnostic trouble codes (DTCs) from your vehicle's ECU.
- **Read Data Stream:** View raw data from your vehicle's sensors.



Figure 7: Performance testing and diagnostic features of the P6 HUD.

6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to wipe the display screen and exterior. Avoid abrasive cleaners or solvents that could damage the surface.
- **Temperature:** Do not expose the device to extreme temperatures (hot or cold) for prolonged periods, as this may affect its electronic components.
- **Cable Care:** Ensure the OBD cable is not pinched or excessively bent, which could lead to internal wire damage.
- **Storage:** If storing the device for an extended period, disconnect it from the vehicle and keep it in a cool, dry place.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your wiyii P6 HUD.

7.1. OBD2 Mode FAQs

- **Display on screen, no power:**
 - Check if the OBD line is tight. Pull it down and plug it repeatedly several times.
 - If the issue persists, the OBD diagnostic interface in your vehicle might be faulty. It is recommended to repair the OBD interface and then reconnect the device.
- **Powered on, but only the screen displays, automatically off after 30 seconds:**
 - This product's OBD2 mode is only available for vehicles with OBDII and EOBD protocols (European region:

after 2003; Other regions: after 2007). OBD I and JOBD are not supported in OBD2 mode.

- If your vehicle is incompatible, switch to GPS system by pressing the 'Right' button within 5 seconds of power-on.

- **Error between vehicle speed and instrument panel display:**

- Check the correct unit: km/h or MPH (refer to settings for unit switching).
- After normal display, press 'OK' for 2 seconds to enter system settings. Press 'Right' to switch to "Speed Error Adjustment" for fine-tuning. For example, if the instrument shows 100 Km/h and the HUD shows 105 Km/h, adjust the parameter value to 102.

- **Unable to shut down:**

- If the device does not shut down after the car is turned off, select "Shutdown Voltage Settings" in the menu and set it to 13.2V or 13.6V. The device should then automatically shut down within 3 minutes.

7.2. GPS Mode FAQs

- **Entering GPS System:**

- Press the 'Right' button within 5 seconds of power-on to select the GPS system. Short press 'OK' to confirm. If no operation is performed, it will automatically enter the last used system after 5 seconds.

- **No speed displayed:**

- After power on, the GPS is in a satellite search state. Please move the car to an open road. The GPS display should show "above 5" satellites for normal operation.

8. SPECIFICATIONS

Feature	Detail
Brand	wiiyii
Model Number	P6
Item Dimensions (L x W x H)	5.24 x 3.54 x 4.33 inches
Item Weight	190 Grams (6.7 ounces)
Screen Size	3.54 Inches
UPC	765530746162
Country of Origin	China

9. WARRANTY AND SUPPORT

For any product-related inquiries, technical support, or warranty claims, please contact the seller directly through the Amazon platform. The wiiyii team is committed to providing timely assistance and will respond to your queries within 24 hours.

Please retain your proof of purchase for any warranty-related services.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Answered questions about this manual

How do I set the time on the wiiyii P6 Car HUD Head Up Display?

To adjust the time on your wiiyii P6 Car HUD, you need to access the system settings and modify the Time Adjust parameter. Follow these steps: Enter Settings: Press and hold the OK (middle) button...

[Read full answer](#)

Is there a service center in the Philippines for fixing hardware issues, such as a white screen, on the wiiyii P6 Car HUD?

The manual for the wiiyii P6 Car HUD does not list specific physical service centers in the Philippines. For hardware issues like a "white screen," which typically indicates a display failure or internal fault,...

[Read full answer](#)

How do I fix my wiiyii P6 HUD if the device is working but the screen is only showing a white light?

If your wiiyii P6 HUD is powering on but only displaying a solid white screen, it typically indicates a hardware malfunction, a connection issue, or a system crash. Please try the following troubleshooting steps: Check...

[Read full answer](#)

