

iKiKin AP6

iKiKin AP6 OBD2 GPS Dual Smart Gauge Car Head-Up Display Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the iKiKin AP6 OBD2 GPS Dual Smart Gauge Car Head-Up Display. Please read this manual carefully before use to ensure proper installation, operation, and maintenance. This device is designed to enhance your driving experience by displaying crucial vehicle data directly in your line of sight.

2. PRODUCT OVERVIEW

Key Features

- **Rich Data Display & Alarm:** Offers 9 unlockable interfaces, displaying essential data such as speed, RPM, travel distance, coolant temperature, voltage, fuel consumption, satellite number, and turbo pressure.
- **RGB Color Change Ambient Light:** Features an ambient light that changes color based on driving conditions. It displays blue during normal operation and turns red during abnormal driving, such as rapid acceleration, to alert the driver.
- **OBD2 + GPS Dual Mode Compatibility:** This device supports both OBD2 and GPS systems. It defaults to OBD2 + GPS mode. If your vehicle does not have an OBD2 protocol, only GPS functions will be displayed. The GPS mode is universally compatible with all vehicle models.
- **Adjustable Support Structure:** Provides two flexible installation methods using an adjustable bracket, allowing placement on the windshield or dashboard for optimal viewing.
- **Durable Design:** Utilizes drawing technology for an anti-rust, anti-oxidation, anti-scratch, and chemical corrosion-resistant finish, ensuring a long-lasting bright appearance.

Components Included

AP-6

Accessories



【Meter】



【OBD2 cable】



【Manual】



【3M tape】



【Hexagon wrench】



【Crowbar】

Figure 2.1: Included components for the iKiKin AP6 Head-Up Display.

- **Meter:** The main Head-Up Display unit.
- **OBD2 Cable:** For connecting the device to your vehicle's OBD2 port.
- **Manual:** This instruction guide.
- **3M Tape:** For adhesive mounting.
- **Hexagon Wrench:** For adjusting the bracket.
- **Crowbar:** For assisting with cable routing during installation.

3. SETUP

Installation Methods

The iKiKin AP6 offers two primary installation methods to suit your preference and vehicle's interior:

1. **Dashboard Placement with Adjustable Bracket:** Secure the device on your dashboard using the adjustable bracket. This method allows for easy angle adjustment.
2. **Adhesive Mounting:** Use the provided 3M tape to firmly attach the device to your dashboard or windshield. This method ensures a stable placement without obstructing your view.

— 2 Install way —

Adjustable bracket



Figure 3.1: The adjustable bracket allows for flexible positioning on the dashboard.



Figure 3.2: The compact design allows for clear placement without blocking the line of sight.

Connection

Connect the provided OBD2 cable to your vehicle's OBD2 port. The port is typically located under the dashboard on the driver's side. Route the cable neatly using the crowbar to tuck it away from view and secure it with the 3M tape if necessary.

Mode Selection

The device automatically detects your vehicle's protocol. It defaults to OBD2 + GPS mode. If your vehicle does not support the OBD2 protocol, the device will automatically switch to GPS-only mode, displaying data available via satellite.

4. OPERATING INSTRUCTIONS

Display Interfaces

The iKiKin AP6 features 9 distinct display interfaces, allowing you to customize the information presented. You can switch between these interfaces using the control buttons.



Figure 4.1: Examples of the 9 available display interfaces.

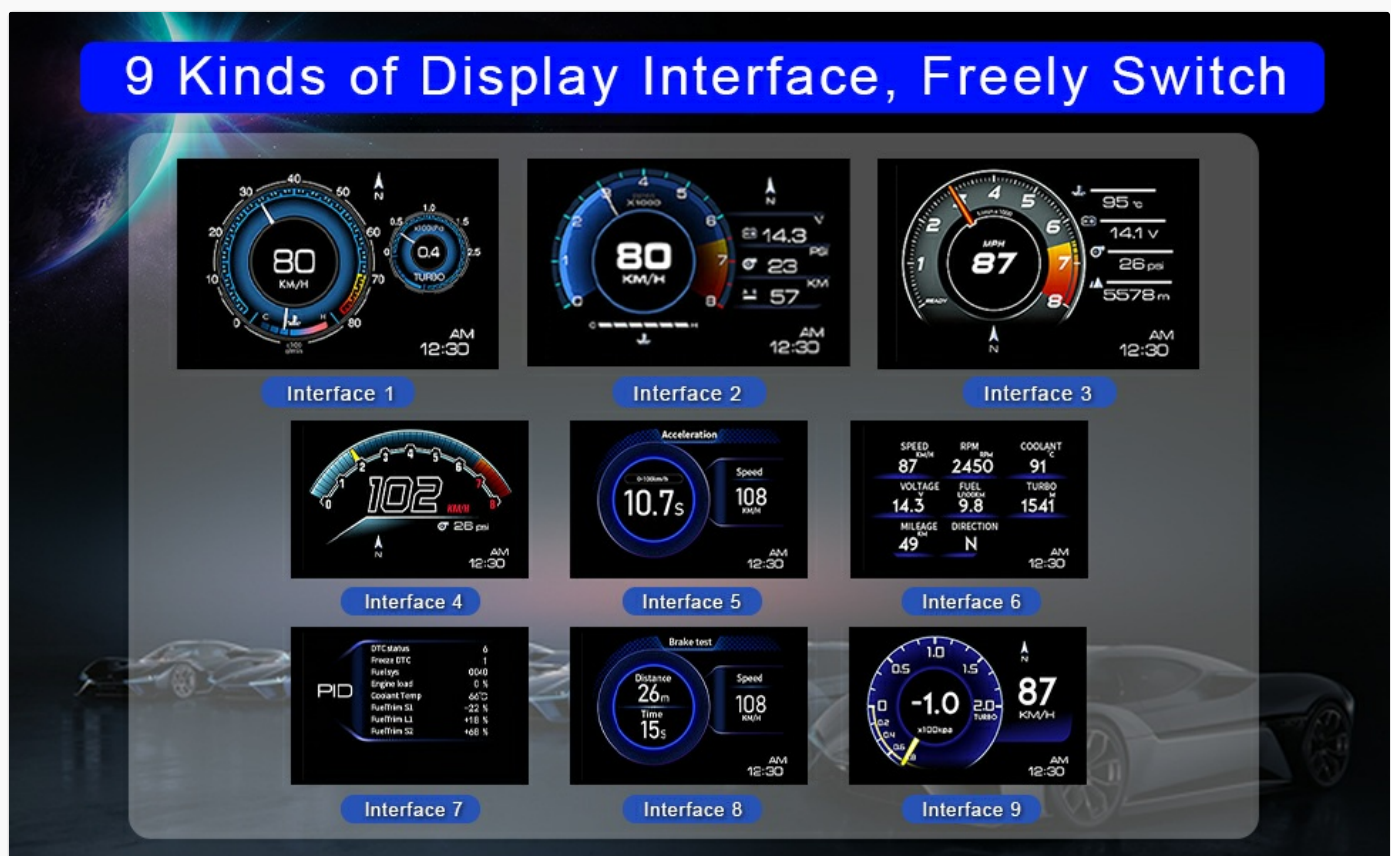


Figure 4.2: Visual representation of the nine switchable display interfaces.

Automatic Light Sensor

The device is equipped with an automatic light sensor that adjusts the display brightness according to ambient light conditions. This ensures clear readability during both day and night driving.



Figure 4.3: Automatic brightness adjustment for optimal visibility.

Control Buttons

The device features three control buttons (Left, OK, Right) for navigating menus, selecting options, and switching display interfaces. Refer to the on-screen prompts for specific button functions within each menu.

Displayed Data and Alarms

The iKiKin AP6 can display a wide range of vehicle data, including:

- Speed (km/h or mph)
- Engine RPM
- Coolant Temperature
- Battery Voltage
- Fuel Consumption
- Satellite Number (GPS mode)
- Turbo Pressure
- Driving Time and Distance
- Altitude and Compass
- Acceleration Test results
- Brake Test results
- Data Stream (PID values)
- Fault Codes (DTC)

The device also provides alarms for overspeeding and fatigue driving to promote safer driving habits.

Special Functions

- **Turbo Pressure Display:** Monitor your vehicle's turbo pressure in real-time.



Figure 4.4: Turbo pressure display.

- **Brake Test:** Measure your vehicle's braking performance, including distance and time.



Figure 4.5: Brake test function.

- **Acceleration Test:** Measure your vehicle's 0-100 km/h (or 0-60 mph) acceleration time.



Figure 4.6: Acceleration test function.

- **Clear Fault Code:** If the system is set to clear DTC (Diagnostic Trouble Codes), you can delete fault codes after addressing the underlying issue.



Figure 4.7: Clear fault code option.

5. MAINTENANCE

To ensure the longevity and optimal performance of your iKiKin AP6 Head-Up Display, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the display screen and exterior. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the device's finish and screen.
- **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, which could damage the internal wiring.

6. TROUBLESHOOTING

If you encounter issues with your iKiKin AP6, refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
Device does not power on/No display	Loose OBD2 cable connection; Vehicle ignition off; Faulty cable.	Check if the OBD2 cable is securely connected. Ensure vehicle ignition is on. Test with another OBD2 device if possible to rule out cable issues.
Inaccurate speed/data readings	Incorrect unit settings (km/h vs mph); Poor GPS signal (in GPS mode); OBD2 incompatibility.	Verify unit settings in the device menu. Ensure the device has a clear view of the sky for GPS signal. If using OBD2, confirm your vehicle supports the protocol.
OBD2 functions not working, only GPS data displayed	Vehicle does not support OBD2 protocol.	This is normal behavior. The device automatically switches to GPS-only mode if OBD2 is not detected. No action required unless you believe your vehicle should support OBD2.
Device freezes or malfunctions	Temporary software glitch; Power fluctuation.	Disconnect the device from the OBD2 port, wait a few seconds, then reconnect. If the issue persists, perform a factory reset via the device settings (refer to on-screen menu).
Cannot clear fault codes	System not configured to clear DTCs; Underlying vehicle issue persists.	Ensure the 'Clear DTC' option is enabled in the device settings. Clearing a code does not fix the problem; address the vehicle's underlying issue first.

7. SPECIFICATIONS

Specification	Detail
Model Number	AP6
Dimensions (L x W x H)	17.1 x 13.4 x 9.3 cm
Weight	380 grams
Material	Acrylonitrile Butadiene Styrene (ABS)
UPC	724873492198
Included Components	Car Head-Up Display (main unit)
Country of Origin	China

8. WARRANTY AND SUPPORT

Warranty Information

The manufacturer offers a quality guarantee. If there is a quality problem with the product, it can be returned to ensure your 100% satisfaction. Please retain your proof of purchase for warranty claims.

Customer Support

For further assistance, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official iKiKin website.

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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.

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