wiiyii G16

wiiyii G16 Head-Up Display Car Digital Meter User Manual

Model: G16

Thank you for choosing the wiiyii G16 Head-Up Display. This manual provides instructions for installation, operation, and maintenance to ensure optimal performance and safety.

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1. Introduction

The wiiyii G16 Head-Up Display is an advanced car digital meter designed to enhance your driving experience by providing crucial information directly in your line of sight. Utilizing GPS+BeiDou chip technology, it accurately displays various driving data, including speed, time, travel metrics, and alerts. Its large screen with clear fonts ensures easy readability, while automatic light adjustment optimizes visibility in different lighting conditions. The G16 is universally compatible with all car types, offering a seamless plug-and-play installation.

2. Safety Information

- **Driving Safety:** Always prioritize road safety. Do not attempt to adjust settings or interact with the device in a way

that distracts you from driving.

- **Installation:** Ensure the device is securely mounted and does not obstruct your view of the road or interfere with airbag deployment.
- **Power Source:** Use only the provided USB power cable. Incorrect power sources may damage the device or vehicle electrical system.
- **Temperature:** Avoid exposing the device to extreme temperatures (hot or cold) for extended periods, as this may affect performance and lifespan.
- **Water Exposure:** This device is not waterproof. Avoid contact with water or other liquids.

3. Package Contents

Verify that all items are present in your package:

- wiiyii G16 Head-Up Display Unit
- USB Cable
- Non-slip Mat
- Instruction Manual



Figure 3.1: The wiiyii G16 Head-Up Display package contents, showing the main unit, USB cable, non-slip mat, and user manual.

4. Product Overview

The G16 unit features a large display for clear data presentation and intuitive controls for easy navigation through settings and display modes.



Figure 4.1: Front view of the G16 HUD unit, highlighting the display area and control buttons.

4.1. Components and Controls

- **Display Screen:** Large, high-definition LED display for clear data.
- **Light Sensor:** Automatically adjusts display brightness based on ambient light.
- **USB Interface:** For power connection.
- **Control Buttons:** Used for navigating menus and adjusting settings. (Refer to Figure 6.1 for button functions).
- **Adjustable Stand:** Allows for 360° rotation to adjust viewing angle and height.



Figure 4.2: Detailed view of the G16 unit, showing dimensions, USB interface, photosensitive hole, and control buttons.

5. Setup & Installation

The wiiyii G16 offers flexible installation options to suit your preference and vehicle interior.

5.1. Power Connection (Plug and Play)

1. Connect the provided USB cable to the G16 unit.
2. Plug the other end of the USB cable into a 5V USB power source in your car (e.g., car charger, USB port).
3. The device will power on automatically.

Note: *The device consumes zero power when the car engine is off and the USB power supply is completely cut off,*

preventing battery drain.



Figure 5.1: USB power connection and cable routing for the G16 HUD.

5.2. Mounting Options

The G16 can be mounted in various positions using its 360° rotatable bracket and non-slip mat.

- **Dashboard Mounting:** Place the unit on your dashboard using the non-slip mat. Adjust the angle for optimal viewing.
- **Windshield Mounting (Inverted):** The bracket allows the unit to be inverted and attached to the windshield, providing a different viewing perspective.

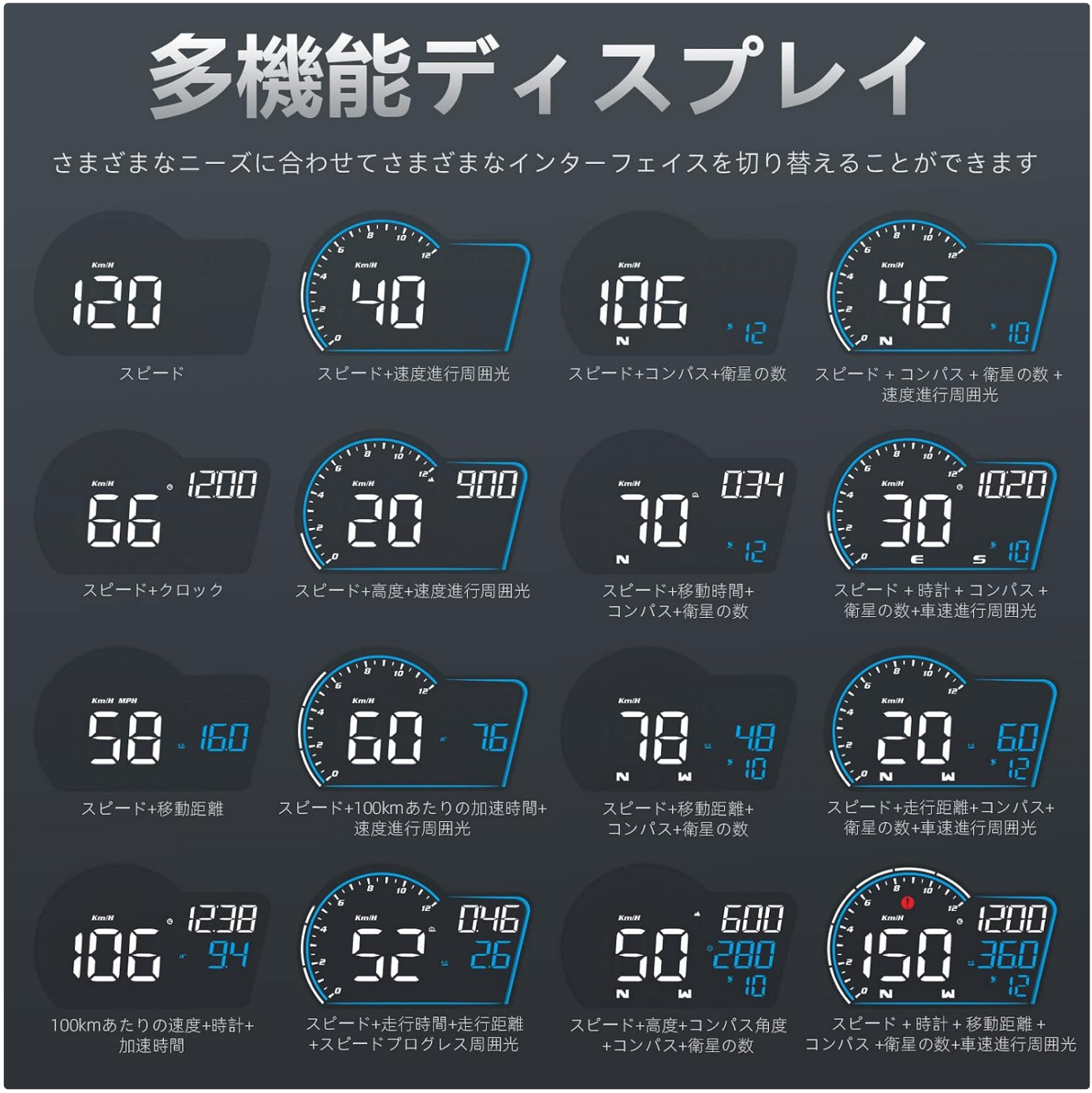


Figure 5.2: Multiple installation methods for the G16, including dashboard placement and inverted windshield mounting.



Figure 5.3: The G16 HUD in operation, mounted on a car dashboard.

Tip: *Ensure the device is placed in a position that does not obstruct your view of the road or any critical vehicle controls.*

6. Operating Instructions

The G16 is designed for intuitive operation. Use the control buttons to navigate through display modes and settings.

6.1. Button Functions

The device typically has three buttons: an "OK" button (often a central button or a press function on a scroll wheel) and "Up" (▲) and "Down" (▼) buttons (or scroll functions).

- **OK Button (Short Press):** Switches between different display interfaces.

- **OK Button (Long Press for 3 seconds):** Enters or exits the system settings menu.
- **▲ / ▼ Buttons (Short Press):** Navigates through options within the settings menu or changes values.
- **▲ / ▼ Buttons (Long Press):** (Specific functions may vary, refer to on-screen prompts).

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Video 6.1: Demonstration of button functions and screen navigation on a similar wiiyii HUD unit. This video illustrates how to switch between different display modes and access settings using the control buttons.

6.2. Display Modes

The G16 offers multiple display interfaces to show various data combinations. You can cycle through these by short-pressing the OK button.



Figure 6.1: Examples of various multi-function display interfaces available on the G16 HUD.

- **Speed Display:** Shows current vehicle speed prominently.

- **Speed + Progress Bar:** Combines speed with a visual progress bar.
- **Speed + Compass + Satellite Count:** Displays speed, direction, and number of connected satellites.
- **Speed + Clock:** Shows current speed and time.
- **Speed + Altitude + Acceleration Time:** Displays speed, current altitude, and 0-100km/h acceleration time.
- **Full Data Display:** Comprehensive view including speed, RPM, voltage, water temperature, fuel consumption, and more.

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Video 6.2: Demonstration of various display interfaces and data presentation on a wiiyii HUD unit. This video shows different layouts for speed, RPM, fuel, and other vehicle parameters.

6.3. System Settings

To access system settings, long-press the OK button for 3 seconds. Use the ▲ / ▼ buttons to select options and the OK button to confirm. Long-press OK again to exit settings.

- **Speed Alarm:** Set a speed threshold for alerts.
- **Fatigue Driving Reminder:** Configure reminders for long driving periods.
- **Brightness Adjustment:** Manual or automatic adjustment of display brightness.
- **Unit Selection:** Switch between Km/h and Mph.
- **Time Zone Adjustment:** Set the correct time zone.
- **Other Advanced Settings:** Refer to the on-screen menu for detailed options like voltage alarm, water temperature alarm, etc.



Figure 6.2: The G16 HUD displaying speed alarm and fatigue driving reminder features.

7. Key Features

- **GPS+BeiDou Chip:** Provides accurate speed, time, and positioning data.
- **Large Screen & Fonts:** Enhanced readability for critical driving information.
- **Speed Progress Bar:** Visual representation of speed.
- **Decorative Ambient Light:** Adds aesthetic appeal to the driving experience.
- **Comprehensive Data Display:** Includes GPS speed, clock, travel time, travel distance, altitude, 0-100km/h acceleration time, compass, satellite count, speed alarm, and fatigue driving reminder.
- **Automatic Light Adjustment:** HD LED display automatically adjusts brightness for day and night driving.
- **Automatic On/Off:** Powers on and off with the vehicle engine.

- **Universal Compatibility:** Suitable for all car types.



Figure 7.1: The G16 HUD in action, showcasing its clear display and ambient lighting.

8. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the display screen and unit body. Avoid abrasive cleaners or solvents.
- **Storage:** If storing the device for an extended period, disconnect it from the power source and keep it in a cool, dry place.
- **Cable Care:** Ensure the USB cable is not pinched or damaged during installation or use.

9. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	No power supply; loose cable connection.	Check USB cable connection; ensure car's USB port is active.
No speed display.	No GPS signal; device in incorrect mode.	Ensure device has clear view of sky for GPS signal; cycle through display modes. GPS acquisition may take a few minutes initially.
Inaccurate speed reading.	GPS signal interference; speed offset setting.	Move device to a location with better GPS reception; adjust speed offset in settings if necessary.
Display too dim/bright.	Automatic brightness not working; manual setting needed.	Check light sensor for obstructions; adjust brightness manually in settings.
Alarms not functioning.	Alarm settings incorrect.	Verify speed alarm and fatigue driving reminder settings in the menu.

10. Specifications

- **Brand:** wiiyii
- **Model:** G16
- **Product Dimensions (LxWxH):** 11.7 x 5.7 cm (approx. 4.62 x 2.24 inches)
- **Power Input:** USB 5V
- **Positioning System:** GPS + BeiDou
- **Display Type:** HD LED
- **Origin:** China

11. Warranty & Support

The wiiyii G16 Head-Up Display comes with a**1-year warranty service**. Each product undergoes factory testing and holds multiple external test certifications, including CE/FCC, ensuring product quality and reliability. Please purchase with confidence.
For any questions, technical support, or warranty claims, please contact your retailer or the manufacturer's customer service. Keep your purchase receipt as proof of purchase.

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