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› [ACECAR](#) /

› ACECAR G16 Digital GPS Speedometer User Manual

ACECAR G16

ACECAR G16 Digital GPS Speedometer User Manual

Model: G16

INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your ACECAR G16 Digital GPS Speedometer. The G16 is a universal Head-Up Display (HUD) designed to provide essential driving information directly in your line of sight, enhancing safety and convenience. Featuring a GPS+BeiDou dual-mode chip, it ensures broad compatibility and accurate data display for all vehicle types.



Figure 1: ACECAR G16 Digital GPS Speedometer

PRODUCT FEATURES

- **Universal Compatibility:** Equipped with a GPS+BeiDou dual-mode chip for compatibility with all vehicles worldwide, offering fast refresh speed and no delay.
- **Multi-Functional Display:** Features a 5-inch HD LED screen displaying speed (KM/H & MPH), clock, compass, travel time, travel distance, number of satellites, acceleration time, altitude, fatigue driving reminder, and overspeed alarm.
- **Enhanced Navigation & Safety:** Includes a GPS navigation direction compass to prevent getting lost. A built-in light sensor automatically adjusts brightness for clear visibility in both day and night driving conditions.
- **Easy Installation:** Simple plug-and-play operation. Powered via the included cigarette lighter USB cable.
- **Versatile Mounting Options:** Can be mounted on the car's center console with a non-slip sticker or on the front windshield/A-pillar with a swivel bracket.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x G16 Digital GPS Speedometer (HUD Unit)
- 1 x Micro USB Cable
- 2 x Non-slip Mat
- 1 x User Manual



Product accessories



【G16-HUD】



【Micro USB】



【Non-slip mat】



【Manual】

Figure 2: Included Accessories

SETUP AND INSTALLATION

The ACECAR G16 is designed for easy plug-and-play installation. Follow these steps to set up your device:

1. **Choose Mounting Location:** Decide whether to place the unit on your car's center console or attach it to the front windshield/A-pillar.
2. **Apply Non-slip Mat (Console Mount):** If mounting on the console, place one of the provided non-slip mats on a flat, stable surface on your dashboard.

3. **Attach Swivel Bracket (Windshield/A-pillar Mount):** If using the swivel bracket, ensure it is securely attached to the unit and then to your chosen location. The bracket supports 360° rotation for optimal viewing angle and height adjustment.
4. **Connect Power:** Insert the Micro USB cable into the USB interface on the back of the G16 unit. Plug the other end of the USB cable into your car's cigarette lighter adapter or a suitable USB power port.
5. **Position the Unit:** Place the G16 unit on the non-slip mat or adjust the swivel bracket to your preferred viewing position. Ensure it does not obstruct your view of the road.

Multiple installation methods

Split bracket that supports 360° rotation to adjust the visual angle and height



Figure 3: Multiple Installation Methods

Your browser does not support the video tag.

Video 1: Installation and Feature Overview. This video demonstrates the physical installation of the G16 unit, including connecting the USB cable and positioning it on the dashboard or windshield. It also showcases various display functions and automatic brightness adjustment.

OPERATING INSTRUCTIONS

The G16 HUD automatically turns on and off with your car's ignition. It uses GPS signals to provide accurate data.

Display Functions

The G16 can display a variety of information simultaneously. The main display shows your current speed, while other data points are arranged around it. The unit features a 5-inch HD LED screen for clear visibility.



Figure 4: Multi-functional Display Icons

Multi-function display

A variety of interfaces can be switched to meet different needs

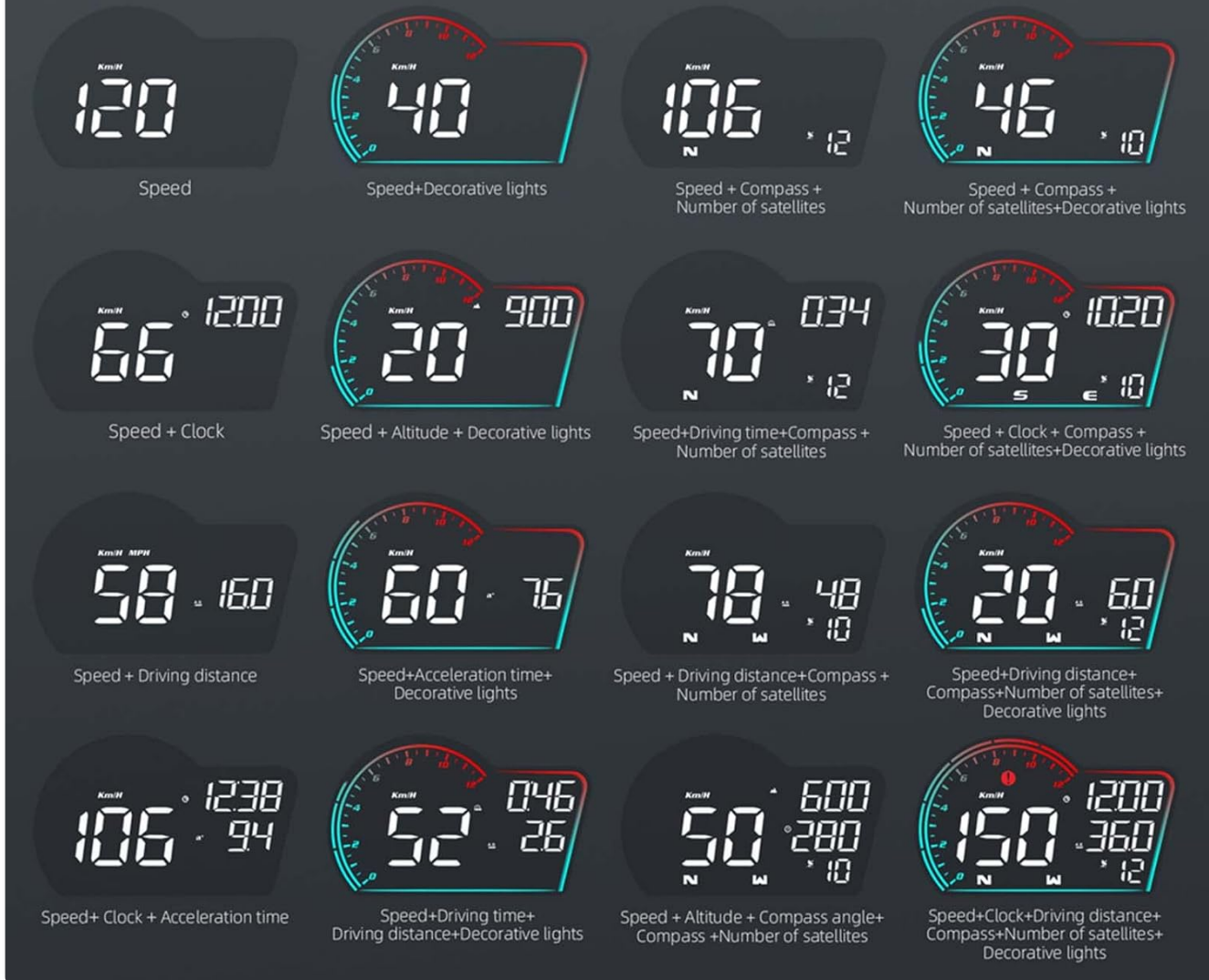


Figure 5: Multiple Display Interfaces

Brightness Adjustment

The G16 is equipped with a light sensor that automatically adjusts the screen brightness according to ambient light conditions. This ensures optimal visibility during both day and night driving, preventing glare or insufficient illumination.

Unit Switching (MPH/KM/H)

The unit supports switching between Miles Per Hour (MPH) and Kilometers Per Hour (KM/H). Refer to the included quick start guide or the video demonstration for specific button combinations to change the speed unit.

Alarm Functions

The G16 includes two main alarm functions to enhance driving safety:

- **Overspeed Alarm:** Can be set to alert you when your vehicle exceeds a predefined speed limit.
- **Fatigue Driving Reminder:** Alerts you after 8 hours of continuous driving, encouraging breaks to prevent fatigue.

MAINTENANCE

To ensure the longevity and optimal performance of your ACECAR G16 Digital GPS Speedometer, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the display screen and the unit's body. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the surface or internal components.
- **Storage:** If the device will not be used for an extended period, disconnect it from the power source and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Water Exposure:** The unit is not waterproof. Do not expose it to rain, splashes, or immerse it in water.
- **Handle with Care:** Avoid dropping the unit or subjecting it to strong impacts, which can damage the internal electronics or the display.

TROUBLESHOOTING

If you encounter any issues with your ACECAR G16, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Display / Unit Not Powering On	No power supply; Loose USB connection; Faulty USB cable/adapter.	Ensure the USB cable is securely connected to both the unit and the power source. Try a different USB port or car adapter. Check if the car's cigarette lighter socket is working.
Inaccurate Speed Reading	Weak GPS signal; Unit not properly calibrated (unlikely for GPS-based); Interference.	Ensure the unit has a clear view of the sky for optimal GPS signal reception. Drive for a few minutes to allow the GPS to stabilize.
Display Too Dim/Bright	Automatic light sensor issue; Extreme lighting conditions.	The unit has an automatic light sensor. Ensure the sensor (small aperture on the unit) is not obstructed. The brightness adjusts automatically.
Unit Does Not Turn Off with Car	Car's power outlet remains active after ignition off.	Some vehicle power outlets remain active. Disconnect the USB cable manually if this occurs, or use a power outlet that cuts off with ignition.

If the problem persists after attempting these solutions, please contact ACECAR customer support for further assistance.

SPECIFICATIONS

Attribute	Detail
Product Dimensions	4.62 x 3.37 x 2.24 inches (117 x 85 x 57 mm)
Item Weight	2.08 ounces (0.13 Pounds)
Model Number	G16
Brand	ACECAR

Attribute	Detail
Material	Plastic
Screen Size	5 Inches
Connectivity	USB (GPS+BeiDou dual-mode)

Product Size:



Figure 6: Product Dimensions

WARRANTY AND SUPPORT

ACECAR stands behind the quality of its products. For warranty information, technical support, or any inquiries regarding your G16 Digital GPS Speedometer, please refer to the contact information provided with your purchase or visit the official ACECAR website. Please retain your proof of purchase for warranty claims.

For more information, you can visit the [ACECAR Store on Amazon](#).

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

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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