ACECAR G6

ACECAR Digital GPS Speedometer G6 User Manual

Model: G6 | Brand: ACECAR

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ACECAR Digital GPS Speedometer, Model G6. This universal Head-Up Display (HUD) is designed to provide essential driving information directly in your line of sight, enhancing safety and convenience. It is compatible with all vehicle types, including new energy vehicles, trucks, vans, fuel vehicles, and hybrid vehicles, requiring only a USB port for power.
The G6 features a high-performance processing chip, dual running memory, and a dual-core processor to ensure smooth and real-time data display without lag. Key functions include speed display (MPH/KM/H), driving direction compass, altitude, driving distance, and overspeed/fatigue driving alarms.

Figure 1: In-Car Display. This image shows the ACECAR G6 Digital GPS Speedometer mounted on a car dashboard, displaying current speed and other driving information, demonstrating its in-car appearance and functionality.

Product Features

- **Comprehensive Display:** Shows speed, driving direction (compass), altitude, driving distance, and number of satellites.
- **Customizable Units:** Easily switch between Miles Per Hour (MPH) and Kilometers Per Hour (KM/H).
- **Safety Alarms:** Includes over-speed and fatigue driving alarms to promote safer driving habits.
- **Universal Compatibility:** Works with all vehicle models, powered via a standard USB interface.
- **High-Performance:** Equipped with a high-performance processing chip, dual running memory, and a dual-core processor for smooth and accurate data display.
- **Automatic Brightness Adjustment:** The display automatically adjusts brightness for optimal visibility during both day and night driving conditions.
- **Multiple Display Modes:** Offers various display themes and information layouts to suit user preference.

Figure 2: G6 Display Functions. This image illustrates the various data points displayed on the ACECAR G6, including speed, speed unit (KM/H, MPH), GPS compass (N, E, W, S), display time, driving time, driving distance, altitude, and number of satellites. Icons for GPS speed, satellite time, driving time, driving distance, altitude, number of satellites, compass, English km switch, auto-sensitivity, audible alarm switch, overspeed alarm, and fatigue driving reminder are also shown.

Setup Instructions

1. **Placement:** Choose a suitable flat surface on your dashboard for the speedometer. Ensure it does not obstruct your view of the road or interfere with vehicle controls.
2. **Secure Placement:** Use the provided non-slip mat to secure the device firmly to the dashboard.
3. **Power Connection:** Connect the provided Micro USB cable to the USB interface on the back of the G6 speedometer.
4. **Vehicle Power:** Plug the other end of the USB cable into an available USB port in your vehicle. The device will power on automatically.
5. **Initial Boot-up:** Upon power-on, the device will display a boot animation and then begin searching for GPS signals.

This may take a few moments.

Figure 3: Product Details and Dimensions. This image provides a detailed view of the G6 speedometer, highlighting its LED display, USB interface, buzzer hole, base bracket, and adjustable angle design. Dimensions are provided: depth 4.5cm, width 79mm (3.14in), height 90mm (3.57in), and base depth 65mm (2.57in).

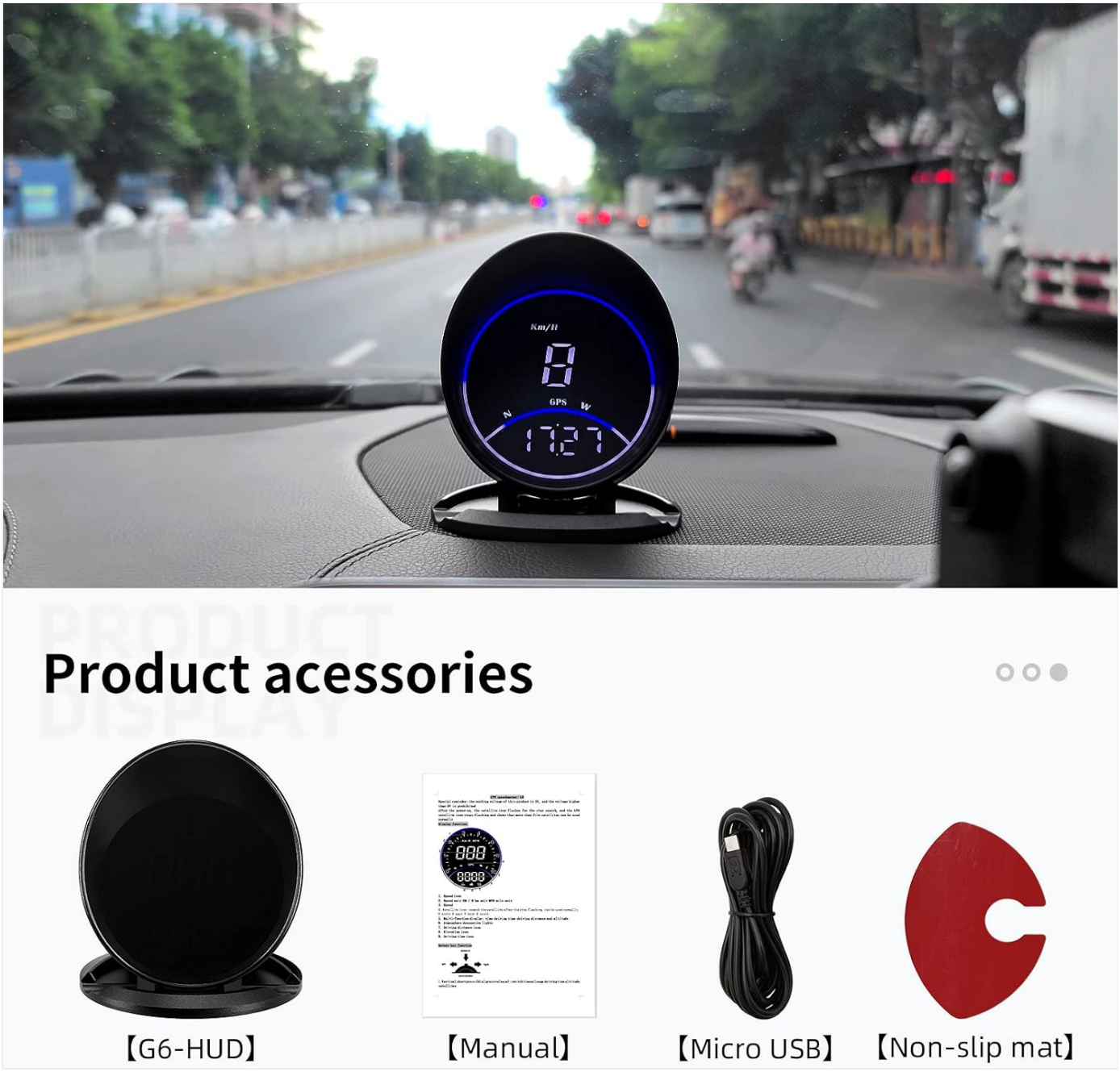

Figure 4: Product Accessories. This image displays the contents of the product package: the G6 HUD unit, a user manual, a Micro USB cable for power, and a non-slip mat for secure dashboard placement.

Installation Video Guide

Your browser does not support the video tag.

Video 1: G6 Digital GPS Speedometer Installation. This video demonstrates the simple installation process of the ACECAR G6 Digital GPS Speedometer. It shows plugging the USB cable into the car's USB interface, connecting it to the device, and placing the device on the dashboard. The video also illustrates the boot animation and various display modes in action during driving, including day and night visibility.

Operating Instructions

Power On/Off

The device powers on automatically when connected to a powered USB port in your vehicle. It will power off when the vehicle's power is cut or the USB cable is disconnected.

Switching Display Modes

The G6 speedometer features a dial button (often located on the back or side) for navigating through different display modes and settings. Pressing the dial button typically cycles through the available display interfaces. Holding the button may enter settings mode.

Figure 5: Multiple Display Modes. This image showcases various display themes available on the G6, including Standard theme, Blue theme, White theme, Speed mode, Speed + Ambient Light, Speed + Speed Icon + Ambient Light, Speed + Mileage + Compass, and Speed + Speed Icon + Altitude + Compass + Ambient Light. These modes can be switched with a single key press.

Unit Switching (MPH/KM/H)

Refer to the detailed instructions in the included paper manual for specific steps on how to switch between MPH and KM/H units. This setting is typically accessed via the device's menu system using the dial button.

Alarm Settings

The G6 includes over-speed and fatigue driving alarms. These can be configured through the device's settings menu. Consult the paper manual for precise instructions on adjusting alarm thresholds and enabling/disabling these features.

Automatic Brightness

The device features an auto-sensitivity function that adjusts display brightness based on ambient light conditions, ensuring clear visibility during both day and night driving. This feature is typically enabled by default.

Display Functions Overview

The ACECAR G6 provides a variety of useful driving data:

- **Speed:** Current driving speed in MPH or KM/H.
- **Clock:** Real-time clock, synchronized via GPS satellites.
- **Driving Time:** Duration of the current trip.
- **Driving Distance:** Distance covered during the current trip.
- **Compass:** Displays current driving direction (N, S, E, W).

- **Altitude:** Current altitude, acquired via GPS.
- **Number of Satellites:** Indicates the number of GPS satellites currently connected, affecting accuracy.

Figure 6: Multiple Functions. This image highlights specific functions: the compass for displaying travel direction, real-time driving time, accurate driving distance from start to end, satellite-acquired altitude, and a satellite-synchronized clock unaffected by weather.

TROUBLESHOOTING

- **Device Not Powering On:**
  - Ensure the USB cable is securely connected to both the G6 unit and the vehicle's USB port.
  - Verify that the vehicle's USB port is supplying power. Try a different USB port or a USB car charger if available.
  - If the device previously worked and now does not, try using a different USB cable. A faulty cable can prevent power delivery.
- **No GPS Signal / Inaccurate Speed:**
  - Ensure the device has a clear view of the sky. Obstructions like tunnels, tall buildings, or heavy tree cover can interfere with GPS reception.
  - Allow sufficient time for the device to acquire GPS signals upon startup, especially after being moved to a new location.
  - If speed readings appear consistently inaccurate, ensure the correct speed unit (MPH/KM/H) is selected in the settings.
- **Display Not Visible / Too Dim:**
  - The device has automatic brightness adjustment. Ensure the sensor is not obstructed.
  - In extremely bright conditions, direct sunlight might make the display harder to read. Adjust the device's angle if possible.
- **Alarms Not Functioning:**

- Check the device settings to ensure over-speed and fatigue driving alarms are enabled and configured to your desired thresholds.

Specifications

Feature	Detail
Brand	ACECAR
Model	G6
Item Dimensions (L x W x H)	Approximately 3.54 x 3.54 inches (79mm x 90mm)
Item Weight	100 Grams
Power Source	USB (5V)
Display Type	Digital LED
Compatibility	Universal for all vehicles with a USB port

Warranty and Support

Specific warranty information for the ACECAR Digital GPS Speedometer G6 is not provided in the product details. For warranty claims, technical support, or further assistance, please refer to the contact information provided in the packaging or visit the official ACECAR website. Keep your purchase receipt as proof of purchase.

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