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› ACECAR Digital GPS Speedometer G4S-Green User Manual

ACECAR G4S-Green

ACECAR Digital GPS Speedometer User Manual

Model: G4S-Green

Brand: ACECAR

1. INTRODUCTION AND OVERVIEW

The ACECAR G4S-Green Digital GPS Speedometer is a universal head-up display (HUD) designed to provide essential driving information directly in your line of sight. Utilizing GPS technology, it accurately displays speed, time, driving direction, and other critical data, enhancing driving safety and convenience. Its compact design and simple USB power connection make it compatible with all vehicle types, including new energy vehicles, gas-electric hybrids, fuel cars, buses, and trucks.



Image 1.1: The ACECAR G4S-Green Digital GPS Speedometer displaying speed in MPH.

2. PACKAGE CONTENTS

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

- G4S-HUD Main Unit
- Micro USB Cable
- Non-slip Mat
- Rotary Suction Cup Holder
- User Manual



Product accessories



【G4s-HUD】



【Micro USB】



【Non-slip mat】



【Rotary Suction
Cup Holder】



【Manual】

Image 2.1: All components included in the product package.

3. PRODUCT FEATURES

The G4S-Green Digital GPS Speedometer offers a range of features designed for optimal driving experience:

- **Multifunction Display:** Clearly shows speedometer, clock, number of satellites, and driving direction.
- **Abnormal Alarm Functions:** Includes overspeed alarm and fatigue driving reminder for enhanced safety.
- **Integrated Compass:** Features a GPS navigation direction compass to guide drivers.
- **Automatic Brightness Adjustment:** Equipped with a light sensor that adjusts display brightness according to ambient light, ensuring clear visibility day and night.
- **Universal Compatibility:** Works with all vehicle models, requiring only a USB power source.



Speed



Time



Driving
direction



Auto-sensitivity



Overspeed
alarm

MPH
Km/H

English km switch



Speed/Time
auto switch



Audible alarm
switch



Fatigue driving
reminder

Image 3.1: Breakdown of display elements including satellite icon, speed, time, driving direction, and alarm indicators.

2 big alarm functions

Overspeed alarm can be set,
continuous driving for 8 hours fatigue driving reminder



Image 3.2: Visual representation of the overspeed alarm and fatigue driving reminder.



Image 3.3: The display automatically adjusts brightness for optimal visibility in both bright daylight and dark night conditions.

4. SETUP & INSTALLATION

The ACECAR G4S-Green is designed for quick and easy installation, typically taking less than 1 minute without the need for special tools.

4.1 Power Connection

Connect the provided Micro USB cable to the USB interface on the G4S-HUD unit. Plug the other end of the USB cable into a USB port in your vehicle or a cigarette lighter car charger port. The device is powered by 5V USB.

4.2 Placement

Place the G4S-HUD unit on your dashboard using the non-slip mat or the rotary suction cup holder. Ensure the unit is positioned where it does not obstruct your view of the road. The compact size allows for flexible placement without blocking sight.



Image 4.1: Non-destructive plug-and-play installation via USB or cigarette lighter port.

Compact body suitable for placement

No matter where it is placed, it is clear and natural,
and does not block any sight



Display interface (speed, time and compass display, automatic switching time display when the speed is 0)



Speed + Time
(speed 0 automatic switch)



Time



Speed+Compass



Time+Compass

Image 4.2: The compact body of the device allows for suitable placement without obstructing the driver's view.

Your browser does not support the video tag.

Video 4.1: Official product video demonstrating the installation process and various display modes of the G4S-Green Digital GPS Speedometer.

5. OPERATING INSTRUCTIONS

The G4S-Green features a single wheel button for navigation and settings adjustment.

5.1 Basic Operation

- **Power On:** The device automatically powers on when connected to a power source.
- **Satellite Acquisition:** Upon power-on, the satellite icon will flash, indicating it is searching for a GPS signal. Move the vehicle to an open area until the icon stops flashing, signifying a stable GPS connection.
- **Automatic Time Display:** When the vehicle speed is 0, the display will automatically switch to show the current time.

5.2 Adjusting Settings (KM/H and MPH)

To switch between Kilometers per Hour (KM/H) and Miles per Hour (MPH):

1. After the GPS speedometer is turned on and displaying normally, press and hold the wheel button vertically for 3 seconds to enter the settings menu (items 1-7).
2. Toggle the wheel button to the left or right to navigate to item 5.
3. Press the wheel button vertically to enter the speed unit adjustment.
4. Toggle the wheel button to the left or right to switch to your desired speed unit ("0" for KM/H and "1" for MPH).
5. Finally, press and hold the wheel button vertically for 3 seconds to save your selection and exit the settings menu.

5.3 Alarm Functions

- **Overspeed Alarm:** This alarm can be set to alert you when you exceed a predefined speed limit.
- **Fatigue Driving Reminder:** The device will remind you to take a break after continuous driving for 8 hours.
- **Buzzer Control:** To turn off the buzzer, dial the wheel button to the left for 2 seconds. Dial left again to re-enable the buzzer.

6. DISPLAY MODES

The G4S-Green offers multiple display interfaces to suit your preferences:

- **Speed + Time:** Displays current speed and time (automatically switches to time when speed is 0).
- **Time:** Dedicated display for the current time.
- **Speed + Compass:** Shows current speed and driving direction (North, East, West, South).
- **Time + Compass:** Displays current time and driving direction.

Compact body suitable for placement

No matter where it is placed, it is clear and natural, and does not block any sight



Display interface (speed, time and compass display, automatic switching time display when the speed is 0)



Speed + Time
(speed 0 automatic switch)



Time



Speed+Compass



Time+Compass

Image 6.1: Examples of the various display modes available on the G4S-Green unit.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your G4S-Green GPS Speedometer.

7.1 No Display, No Power

- Check if the USB cable is damaged. Replace the USB cable and test again.
- Ensure you are not using a voltage higher than 5V.

7.2 No Speed Display

- The satellite icon flashing indicates the device is searching for satellites.
- Move the car to an open road and wait until the satellite icon stops flashing, indicating a stable GPS signal.

7.3 Inaccurate Speed Reading

- Check if the unit is set correctly (KM/H or MPH). Refer to Section 5.2 for instructions on switching units.
- Note that factory dashboards may display speed 5-7% higher than actual speed. The GPS speedometer provides data based on satellite information, which is the international standard.

7.4 Incorrect Driving Direction

- The satellite cannot determine your direction when there is no speed.
- Direction will be displayed accurately once the speed exceeds 5 KM/H.

7.5 Speed Still Displayed After Car is Stopped

- In underground parking lots, tunnels, or under overpasses, signal instability or satellite drift may occur due to shielding.
- Drive the car to an open road for stable signal reception.

8. SPECIFICATIONS

Specification	Value
Product Dimensions	2 x 2 x 0.86 inches
Item Weight	1.06 ounces (30 Grams)
Model Number	G4S-Green
Material	Plastic
Screen Size	0.8 Inches
Manufacturer	ACECAR
Country of Origin	China

9. WARRANTY & SUPPORT

The ACECAR G4S-Green Digital GPS Speedometer comes with a **6-month manufacturer's warranty**. This warranty covers malfunctions under normal use.

If you experience any issues or have questions regarding this product during the warranty period, please contact ACECAR customer support. We are committed to providing prompt assistance and resolving any problems you may encounter.

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