

Geloo Speedometer 80mph

Geloo 85MM Boat GPS Speedometer Gauge User Manual

Model: Speedometer 80mph

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Geloo 85MM Boat GPS Speedometer Gauge. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.

Product Overview

The Geloo 85MM GPS Speedometer Gauge is designed for accurate speed and mileage measurement in various vehicles, including cars, tractors, vans, motorcycles, racing vehicles, and boats. It receives speed signals directly from satellites, ensuring high precision and quick location confirmation.

Key Features

- **Universal Compatibility:** Suitable for all cars, tractors, vans, motorcycles, racing vehicles, and boats.
- **GPS Signal:** Speed signal derived directly from satellite GPS speed sensor.
- **Display Functions:** Shows Current Speed, TRIP (resettable), COG (Course Over Ground), and ODO (total mileage, non-resettable).
- **Measurement Range:** 0-80 MPH (0-120 Km/h).
- **Wide Operating Voltage:** Supports 9-32VDC.
- **Durability:** IP67 waterproof and dustproof rating, with a 316L stainless steel front cover and curved anti-fog glass.
- **Multi-Color Backlight:** Features 8 selectable backlight colors (Red, Green, Blue, White, Yellow, Kelly, Orange, Purple) and an automatic color cycling mode.

Video: Official product overview of the Geloo 85MM GPS Speedometer Gauge.

2. SETUP AND INSTALLATION

Package Contents

Verify that all items are present in the package:

- 1 x GPS Speedometer Gauge
- 1 x GPS Antenna
- 1 x Wiring Harness
- 1 x Instruction Manual

Installation Steps

1. Before installation, select a suitable location on your dashboard or panel.
2. Cut an 85mm (3 3/8 inch) diameter hole. Ensure there is a minimum depth of 2-3/4 inches (70mm) behind the panel for the gauge and wiring.
3. Insert the speedometer gauge into the prepared hole.
4. Secure the gauge by screwing down the mounting ring from the back.
5. Connect the GPS antenna to the designated port on the back of the speedometer.



Image: Front and back views of the speedometer, showing dimensions (97mm front diameter, 82.5mm depth, 52.5mm back diameter).

Wiring Diagram

Connect the wiring harness according to the following diagram:

- **Red Wire:** Connect to +9-32VDC power supply.
- **Orange Wire:** Connect to Backlight (+) power supply.
- **Blue Wire:** Connect to Ground (-).

Easy Installation

Connection:

- Blue : Ground(-)
- Red: 9-32VDC
- Orange : Backlight

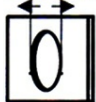


Length:15inch

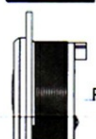
Image: Wiring connections showing blue for ground, red for 9-32VDC, and orange for backlight. The GPS antenna is also shown connected.

OWNER'S MANUAL

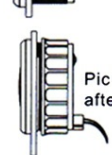
Φ85:87mm(3-2/5")



Pic A : Before installation , firstly ,to open a hole (Dia:85~87mm) of the panel, make sure there is a space with (70mm backyard of panel) as well

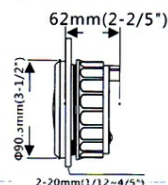


PicB: Twist off the cover then put the gauge in hole



Pic C: Mount the gauge in hole, twist the back cover on after adjustment.

Pic D: Size and annotations



(Default) Trip is for single accumulative total mileage, will be clear when power off.

ODO is for total mileage , will not be clear even the power off

Operation::

1) Press the Set button(less than 1 second) to change the back light color.

Color in sequence : Red(Default)->Green->Blue->White->Yellow->Kelly->Orange->Purple->Auto Mode

Remarks : When users select the AUTO MODE, the backlight will be off for around two seconds, and switch automatically as above sequence per minute.

2) Hold the MODE button for three seconds for Switch TRIP01 or TRIP02 or COG to display.

TRIP 01(Default): total mileage for one working cycle, data will not be recorded when power off

TRIP 02: total mileage for one working cycle, data will be recorded when power off, but, users could hold the set button for 3~5 seconds to clear.

COG 00: azimuth instantly indicating, data will not be recorded.

Remarks: The unit of trip ,total mileage and outta unit of dial are the same.

3) Malfunction:

Characters "COG" "TRIP" will be flickering when there is not any positive GPS signal.

When the GPS speedometer was connected ,it will search any positive GPS signal in 300 seconds. And it will account automatically second by second, displaying at the trip part.

Explanation:

E01: There is not any positive GPS signal although it is on

E02: Firstly the speedometer works well but suddenly lost signal (The gauges will display the same speed as previous if the GPS signal back again in 30 seconds, or, speedometer will return to be zero)

E03: The speedometer could not receive any data from internal. (The gauges will display the same speed as previous if the GPS signal back again in 10 seconds, or, speedometer will return to be zero)

Image: Detailed wiring diagram illustrating connections to a 12V/24V battery, including the GPS antenna connection.

3. OPERATING INSTRUCTIONS

Power On/Off

The speedometer will power on automatically when connected to a power source within the 9-32VDC range. It will power off when the power supply is disconnected.

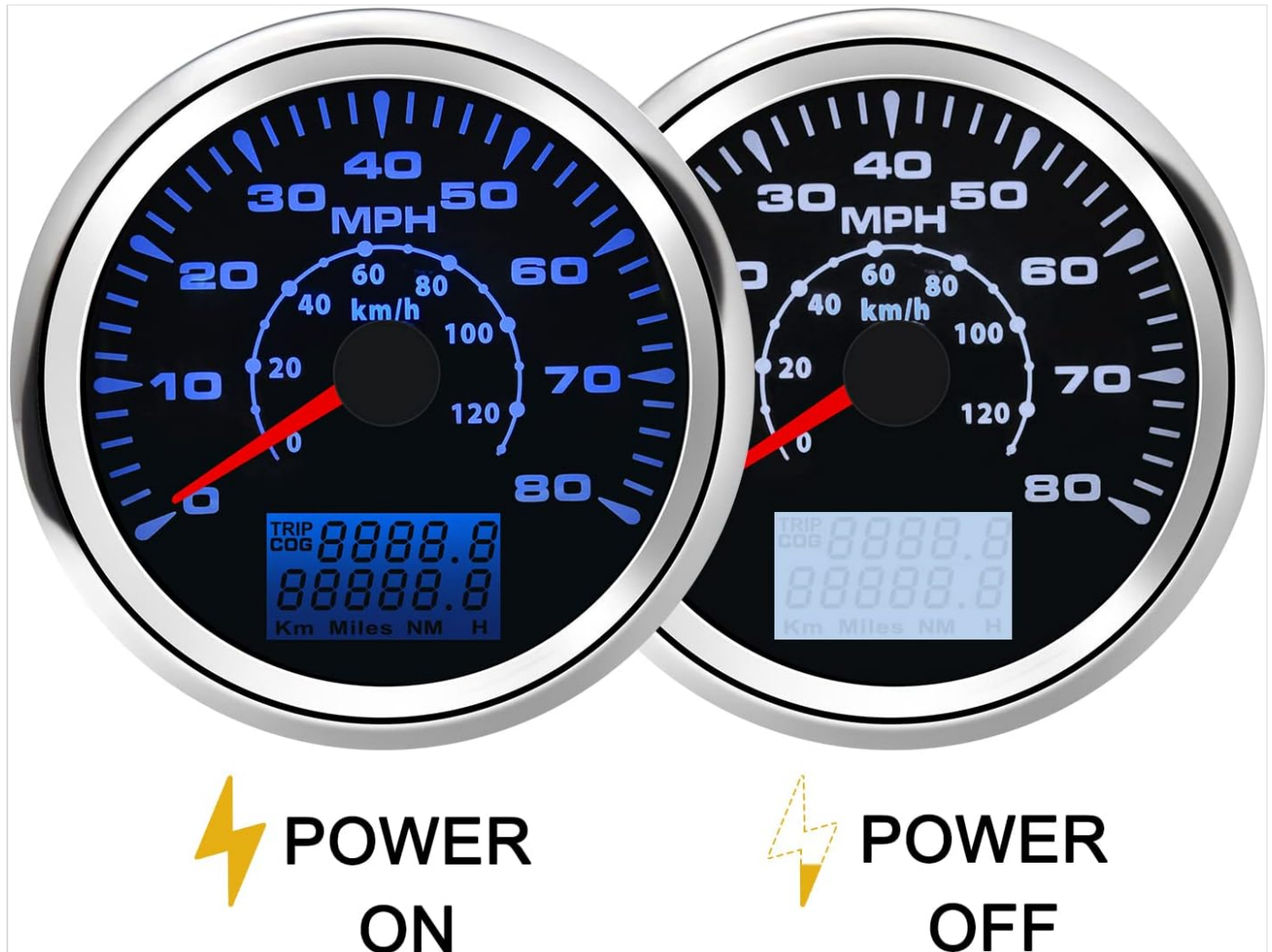


Image: Illustration of the speedometer display when powered on (showing readings) and powered off (blank display).

Speedometer Functions

The gauge displays Current Speed, TRIP, COG, and ODO. The TRIP and COG values can be toggled.

- **Current Speed:** Displays the real-time speed in MPH and Km/h.
- **TRIP (Default):** Represents the single accumulative total mileage. This value will clear when the power is turned off.
- **TRIP 02:** Represents the total mileage for one working cycle. This value will be recorded even when power is turned off. To clear TRIP 02, hold the 'Set' button for 3-5 seconds.
- **ODO:** Displays the total accumulated mileage. This value cannot be reset.
- **COG (Course Over Ground) / Azimuth:** Provides instantaneous direction indication. This data is not recorded.

To toggle between TRIP 01, TRIP 02, and COG, press the 'Mode' button for three seconds.

Backlight Color Selection

The speedometer features 8 backlight colors. To change the backlight color:

- Press the 'Set' button (less than 1 second) on the back of the gauge.
- The colors will cycle in the following sequence: Red (Default) > Green > Blue > White > Yellow > Kelly > Orange > Purple > Auto Mode.
- In **Auto Mode**, the backlight will turn off for approximately two seconds, then automatically switch to the next color in the sequence.

8 COLOR BACKLIGHT



Image: The speedometer display showcasing the eight available backlight color options.

4. MAINTENANCE

The Geloo GPS Speedometer Gauge is designed for durability and minimal maintenance.

Waterproof and Dustproof

The gauge has an IP67 waterproof and dustproof rating, meaning it is protected against dust ingress and can withstand immersion in water up to 1 meter for 30 minutes. This makes it suitable for marine and outdoor environments.

Waterproof

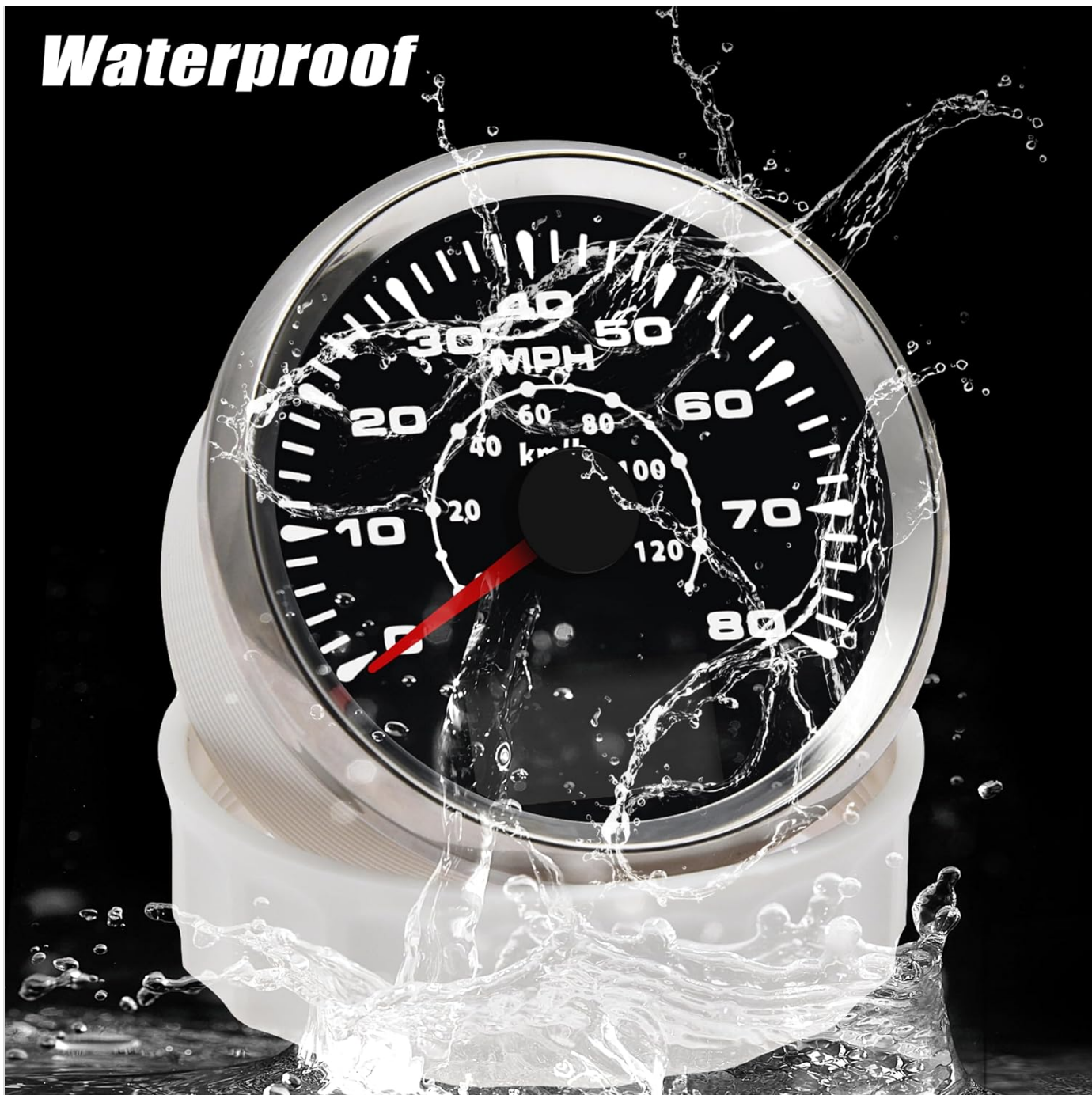


Image: The speedometer gauge shown with water splashing over it, highlighting its waterproof design.

Material Durability

The front cover is made of 316L stainless steel, offering excellent corrosion resistance, especially in acidic, alkaline, and humid environments. The curved glass features an anti-fogging function, ensuring clear visibility.

Cleaning

To clean the gauge, wipe the surface with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the display or housing.

5. TROUBLESHOOTING

Refer to the following information if you encounter issues with your GPS speedometer.

"COG" / "TRIP" Flickering

If the "COG" or "TRIP" display is flickering, it indicates that there is currently no positive GPS signal. The gauge will automatically

search for a positive GPS signal for 300 seconds. Once a signal is acquired, it will accurately display the traveling speed and mileage.

Error Codes and Messages

- **E01:** This error indicates that there is no positive GPS signal. Ensure the GPS antenna is properly connected and has a clear view of the sky.
- **E02:** This error signifies that the GPS signal has been suddenly lost. The gauge will display the same speed as the previous reading. If the GPS signal returns within 30 seconds, the display will update. Otherwise, the speedometer will return to zero.
- **E03:** This error means the speedometer cannot receive data from its internal components. The gauge will display the same speed as the previous reading. If the internal data flow resumes within 10 seconds, the display will update. Otherwise, the speedometer will return to zero.

6. SPECIFICATIONS

Feature	Specification
Brand	Geloo
Model Number	Speedometer 80mph
Material	Glass, Stainless Steel (316L)
Item Dimensions (L x W x H)	4.09 x 4.02 x 3.78 inches
Item Weight	10.56 ounces
Operating Voltage	9-32VDC
Operating Current	≤100mA (at 24V)
Operating Temperature	-30°C to +75°C
Storage Temperature	-40°C to +85°C
Indication Range	0-80MPH (0-120 Km/h)
Waterproof/Dustproof Rating	IP67

7. SUPPORT

For any questions regarding the Geloo 85MM Boat GPS Speedometer Gauge, please refer to the contact information provided with your purchase or visit the official Geloo website for assistance.

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