

## Geloo H-GJ001

# Geloo H-GJ001 Motorcycle LCD Speedometer and Tachometer Instruction Manual

Model: H-GJ001 | Brand: Geloo

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Geloo H-GJ001 Motorcycle LCD Speedometer and Tachometer. This multi-functional instrument combines a speedometer, tachometer, odometer, and fuel gauge into a single unit, designed for motorcycles with 1, 2, or 4 cylinders. Its robust construction ensures durability and reliable performance.

Key features include:

- Integrated speedometer, tachometer (up to 12,000 RPM), odometer, and fuel gauge.
- High-precision speed sensor for accurate readings.
- Durable ABS housing with a clear lens, resistant to minor impacts.
- Low fuel warning indicator (last cell flashes automatically).
- Overspeed warning light activates above 10,000 RPM.
- Waterproof and dustproof design for various riding conditions.

## 2. SAFETY INFORMATION

Please read all safety instructions before installation and operation to prevent damage to the product or injury. Improper installation or use can lead to malfunction.

- Ensure the motorcycle's power is off before beginning installation.
- All wiring connections must be secure and correctly insulated to prevent short circuits.
- Consult a professional mechanic if you are unsure about any installation steps.
- Do not attempt to disassemble or modify the unit, as this may void the warranty and cause damage.
- Keep the display clean and free from obstructions to ensure clear visibility while riding.

## 3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Geloo H-GJ001 Motorcycle Speedometer/Tachometer Unit
- 1 x Speed Sensor
- Mounting Hardware (nuts, washers, clips)
- Wiring Harness

## 4. PRODUCT OVERVIEW

The Geloo H-GJ001 unit features a clear LCD display and robust construction. Below are images illustrating the product and its components.



Figure 4.1: Front view of the Geloo H-GJ001 Motorcycle LCD Speedometer and Tachometer, showing the display and buttons.



Figure 4.2: Illustration of the speedometer's waterproof and dustproof capabilities, submerged in water.



Figure 4.3: Dimensions of the Geloo H-GJ001 unit, showing approximate measurements of 141mm width, 100.5mm height, and 41.3mm depth.



Figure 4.4: Close-up view of the wiring harness connectors for the speedometer.



Figure 4.5: Rear view of the speedometer unit, showing the integrated wiring harness connection point.

## 5. SPECIFICATIONS

Feature	Specification
Model Number	H-GJ001
Brand	Geloo
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	15 x 7 x 10 cm (approx. 141 x 100.5 x 41.3 mm)
Weight	310 grams
Max RPM	12,000 RPM

Cylinder Compatibility	1, 2, 4 Cylinders
Display Type	LCD with backlight
Features	Speedometer, Tachometer, Odometer, Fuel Gauge, Gear Indicator (1-6), Low Fuel Warning, Overspeed Warning

## 6. SETUP AND INSTALLATION

Proper installation is crucial for the correct functioning of the speedometer. Follow these steps carefully.

### 6.1 Mounting the Unit

1. Choose a suitable location on your motorcycle's handlebars or dashboard that provides clear visibility and does not obstruct your view or controls.
2. Use the provided mounting hardware to securely attach the speedometer unit. Ensure it is firmly fixed to prevent vibration-induced damage.

### 6.2 Wiring Connections

The speedometer comes with a multi-pin wiring harness. Refer to your motorcycle's wiring diagram and the following general guide for connections. **It is highly recommended to have this done by a qualified technician if you are not familiar with motorcycle electrical systems.**

- **Power Supply:** Connect the main power wires (typically red for positive, black for negative/ground) to the motorcycle's ignition-switched power source.
- **Speed Sensor:** Connect the speed sensor wires to the designated input on the speedometer harness. The sensor should be mounted near a rotating part (e.g., wheel, sprocket) to accurately measure speed.
- **Tachometer Signal:** Connect the tachometer signal wire to the motorcycle's ignition coil or ECU tachometer output.
- **Fuel Gauge:** Connect the fuel level sensor wire to the motorcycle's fuel tank sender unit.
- **Gear Indicator:** Connect the gear position sensor wires (if applicable and supported by your motorcycle) to the corresponding inputs.
- **Indicator Lights:** Connect wires for turn signals, high beam, neutral, etc., to their respective motorcycle circuits.

Ensure all connections are insulated with electrical tape or heat shrink tubing to prevent short circuits and corrosion.

### 6.3 Initial Configuration

After wiring, turn on the motorcycle's ignition. The speedometer will power on. You may need to configure initial settings such as:

- **Cylinder Setting:** Adjust the setting to match your motorcycle's engine (1, 2, or 4 cylinders) for accurate RPM readings. Refer to the operating instructions for button functions.
- **Wheel Circumference:** Input the correct wheel circumference for accurate speed and odometer readings.
- **Time Setting:** Set the current time.



Figure 6.1: The Geloo H-GJ001 speedometer mounted on motorcycle handlebars, showing the display with gear indicator and LCD backlight.

## 7. OPERATING INSTRUCTIONS

The Geloo H-GJ001 speedometer is designed for intuitive operation. The LCD display provides clear information day or night.

### 7.1 Display Functions

The main display shows:

- **Speed:** Digital display in km/h or mph.
- **RPM:** Analog bar graph and digital display (x1000 RPM).
- **Odometer:** Total distance traveled.
- **Trip Meter:** Resettable distance for individual trips.
- **Fuel Gauge:** 6-cell indicator. The last cell flashes when fuel is low.
- **Gear Indicator:** Displays current gear (1-6) or Neutral (N).
- **Clock:** Time display.
- **Indicator Lights:** Neutral, High Beam, Turn Signals, Engine Check, Overspeed Warning.

### 7.2 Button Functions

The unit typically features two buttons for navigation and setting adjustments:

- **Short Press:** Cycles through display modes (e.g., Odometer, Trip A, Trip B).
- **Long Press:** Enters setting mode or resets trip meters (depending on context).

To adjust settings (e.g., cylinder count, wheel circumference, time, units):

1. With the ignition on, press and hold one or both buttons (refer to specific product instructions if available) to enter the setting menu.
2. Use short presses to cycle through options.

3. Use long presses to confirm a selection or adjust values.
4. Exit setting mode by waiting for a timeout or confirming the last setting.

### 7.3 Warning Indicators

- **Low Fuel Warning:** The fuel gauge's last cell will flash when the fuel level is critically low, prompting you to refuel.
- **Overspeed Warning:** If your engine speed exceeds 10,000 RPM, a dedicated warning light will illuminate to alert you.



1. With 1-6 gear liquid crystal display

2. with LCD backlight, the dial ileage is clearly displayed whether you are driving at ninght or during the day

3. Applicable to 1、 2、 4 cylinder models

Figure 7.1: The speedometer display visible while riding on a road, showing speed, RPM, and other indicators.

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your Geloo H-GJ001 speedometer, follow these maintenance guidelines:

- **Cleaning:** Wipe the display and unit housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the plastic or LCD screen.

- **Waterproof Seal:** Periodically inspect the unit for any signs of damage to the housing or seals that might compromise its waterproof and dustproof integrity.
- **Wiring:** Check wiring connections periodically for looseness or corrosion. Ensure all connections remain secure and insulated.
- **Sensor:** Keep the speed sensor clean and free from debris to ensure accurate readings.

## 9. TROUBLESHOOTING

If you encounter issues with your Geloo H-GJ001 speedometer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Display off	Loose power connection, blown fuse, faulty wiring.	Check power wires, motorcycle fuse box, and all connections.
Inaccurate speed reading	Incorrect wheel circumference setting, faulty speed sensor, sensor not properly aligned.	Verify wheel circumference setting. Check speed sensor connection and alignment. Inspect sensor for damage.
Inaccurate RPM reading	Incorrect cylinder setting, faulty tachometer signal wire connection.	Adjust cylinder setting to match your engine. Check tachometer signal wire connection to ignition coil/ECU.
Fuel gauge not working	Faulty fuel level sensor, loose connection to fuel sender.	Check connection to the motorcycle's fuel sender unit. Test the fuel sender unit if possible.
Display flickering or dim	Unstable power supply, loose connection, internal fault.	Check power connections. Ensure stable voltage from motorcycle. If problem persists, contact support.

If the problem persists after attempting these solutions, please contact Geloo customer support.

## 10. WARRANTY AND SUPPORT

Information regarding specific warranty terms and conditions for the Geloo H-GJ001 is not available in the provided product details. Please refer to the retailer or Geloo's official website for the most up-to-date warranty information. For technical support or inquiries, please contact Geloo customer service through their official channels. Keep your purchase receipt and product model number (H-GJ001) handy when contacting support.