## Geloo GJ001

# Geloo Universal Digital Motorcycle Speedometer

INSTRUCTION MANUAL

## Product Overview

The Geloo Universal Digital Motorcycle Speedometer is an advanced instrument designed to provide comprehensive riding data. It integrates a speedometer, odometer, tachometer, and gear indicator into a single, compact unit. Its 7-color LCD display ensures readability in various lighting conditions, including night-time. This device is built with a durable ABS shell, making it waterproof and shock-resistant for reliable performance in diverse environments.




Image: Front view of the Geloo Universal Digital Motorcycle Speedometer, showcasing its digital display and analog tachometer.

## Setup and Installation

The Geloo motorcycle speedometer is designed for straightforward installation. It is compatible with motorcycles of various diameters and cylinder capacities. A detailed wiring guide is included with the product packaging to assist with the connection process.

### Wiring Connections:

Refer to the specific wiring diagram provided in your product package for precise connections. Generally, the installation involves connecting the main power, ground, speed sensor, and signal wires for various functions (e.g., turn signals, high beam, fuel level).




Image: Detailed wiring diagram illustrating the various connections for the speedometer, including power, ground, and signal inputs.

## Dimensions:

Ensure adequate space for mounting the unit. The dimensions are approximately 140mm (length) x 100mm (height) x 41mm (depth). The speed sensor cable length is approximately 125cm.




Image: Diagram showing the physical dimensions of the speedometer unit and its rear wiring harness.

## Operating Instructions

The LCD display provides a wealth of information at a glance. It can show current speed, total odometer reading, trip distance, current gear, oil level, and real-time clock.

### Display Functions:

- **Speed Display:** Shows current speed up to 299 km/h (or miles).
- **Odometer Display:** Records total distance traveled, up to 9999.9 km (or miles).
- **Trip Odometer:** Resettable trip distance, up to 999.9 km.
- **Gear Indicator:** Displays the current gear (1 to 6).
- **Oil Level Indicator:** Shows the current fuel/oil level.
- **Real-time Clock:** Displays the current time.
- **Tachometer:** Analog display for engine RPM (up to 15,000 RPM).
- **Warning Lights:** Includes indicators for high beam, turn signals, neutral gear, engine fault, and battery under voltage.




Image: Close-up view of the speedometer display with labels pointing to each function, such as speed, gear, odometer, and various warning lights.

### Adjusting Backlight Color:

The LCD backlight offers 7 adjustable color types. To change the backlight color, press the right button on the unit while in ODO (Odometer) display mode. Each press will cycle through the available colors, allowing you to select your preferred display hue.

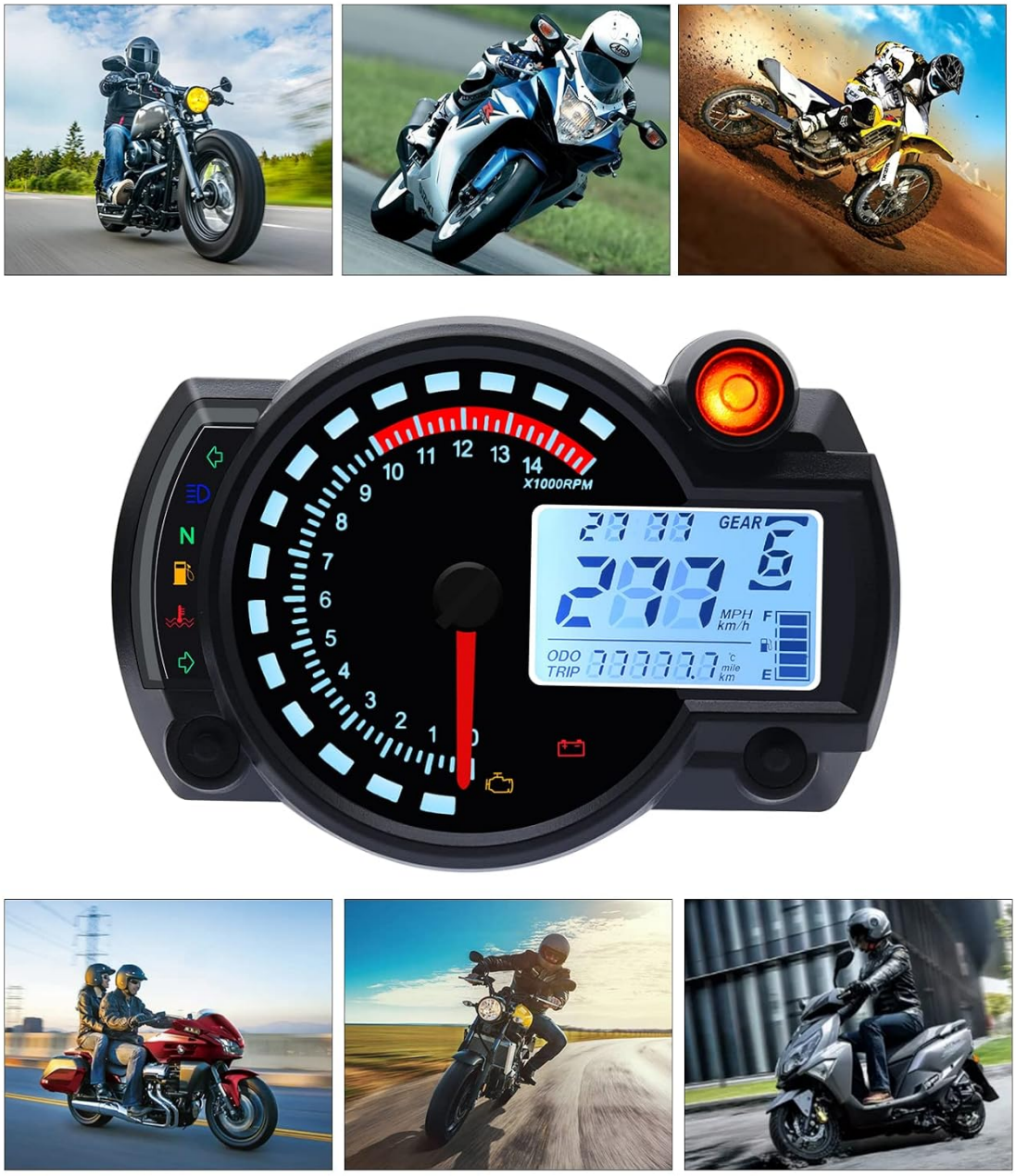



Image: Composite image displaying the speedometer with its screen illuminated in seven different backlight colors, demonstrating the adjustable feature.

## Maintenance

The Geloo speedometer is constructed with a durable ABS shell that is waterproof and shock-resistant, designed to withstand minor impacts and environmental exposure. To ensure longevity and optimal performance:

- **Cleaning:** Use a soft, damp cloth to clean the display and casing. Avoid abrasive cleaners or solvents that could damage the plastic or screen.
- **Protection:** While the unit is waterproof, avoid prolonged submersion. Ensure all connections are secure and sealed to prevent water ingress.
- **Inspection:** Periodically check the wiring and mounting for any signs of wear or looseness.

## Troubleshooting

If you encounter issues with your Geloo speedometer, consider the following basic troubleshooting steps:

- **No Power/Display:** Check all power connections and ensure the motorcycle's battery is adequately charged.

Verify fuse integrity.

- **Inaccurate Speed/Odometer:** Ensure the speed sensor is correctly installed and calibrated according to the instructions in your product package. Check the sensor's cable for damage.
- **Display Malfunctions:** If the display is erratic or frozen, try disconnecting and reconnecting the power to reset the unit.
- **Warning Lights:** Refer to your motorcycle's service manual for specific interpretations of warning lights displayed on the speedometer.

For persistent issues, please contact Geloo customer support or a qualified motorcycle technician.

## Specifications

| Feature | Specification |
|---|---|
| Product Dimensions | 15 x 8 x 10 cm; 150 g |
| Material | Acrylonitrile Butadiene Styrene (ABS) |
| Operating Voltage | DC 12V |
| Speed Display Range | 0 ~ 299 km/h (miles) |
| Odometer Display Range | 0 ~ 9999.9 km (miles) |
| Trip Odometer Max | 999.9 km |
| Gear Indicator | 1 to 6 |
| LCD Backlight Color | 7 adjustable colors (default blue) |
| Speed Sensor Cable Length | Approx. 125 cm |
| Speed Sensor Dimensions (L x D) | 40 x 12 mm / 1.6 x 0.5 inches |

## Warranty and Support

Specific warranty details for the Geloo Universal Digital Motorcycle Speedometer are typically provided with the product packaging or can be obtained directly from the manufacturer. For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided by Geloo or your retailer.

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