

Keenso Universal Motorcycle Speedometer Tachometer Odometer Gauge

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User Manual

1. INTRODUCTION

Thank you for choosing the Keenso Universal Motorcycle Speedometer Tachometer Odometer Gauge. This device is designed to provide accurate speed, RPM, and total distance readings for your motorcycle. Featuring a durable stainless steel shell and a dual-color LED backlight, it offers clear visibility and reliable performance. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of the product.

2. PRODUCT FEATURES

- **Multi-function Display:** Integrates speedometer, tachometer, and odometer in one unit.
- **Speed Measurement:** Displays speed in kilometers per hour (km/h).
- **RPM Indication:** Provides engine revolutions per minute (RPM) readings.
- **Odometer:** Records total accumulated distance.
- **Dual-Color LED Backlight:** Ensures clear readability in various lighting conditions.
- **Durable Construction:** Made with a high-quality stainless steel shell for enhanced durability.
- **Universal Mechanical Rotary Interface:** Compatible with a wide range of motorcycles.

3. SAFETY INFORMATION

Always prioritize safety during installation and operation. Improper installation can lead to malfunction or damage. If you are unsure about any step, consult a qualified motorcycle technician.

- Ensure the motorcycle's power is off before beginning installation.
- Wear appropriate safety gear, including eye protection.
- Do not modify the product in any way not described in this manual.
- Keep wiring away from hot or moving parts of the motorcycle.
- Verify all connections are secure before operating the motorcycle.

4. PACKAGE CONTENTS

Please check the package contents upon receipt. If any items are missing or damaged, contact your retailer.

- 1 x Keenso Universal Motorcycle Speedometer Tachometer Odometer Gauge
- Mounting Bracket and Hardware (pre-attached or separate)

5. SPECIFICATIONS

Attribute	Value
Brand	Keenso
Material	Stainless Steel
Dimensions (L x W x H)	9 x 9 x 9 centimeters
Item Weight	200 Grams
Number of Items	1
Manufacturer Part Number	Keensoxc5bqho3zv
UPC	757686046456

6. SETUP AND INSTALLATION

This section outlines the general steps for installing your Keenso speedometer. Specific wiring colors may vary by motorcycle model. Always refer to your motorcycle's service manual for detailed wiring diagrams.

6.1. Mounting the Speedometer

1. Choose a suitable location on your motorcycle's handlebars or dashboard for optimal visibility.
2. Secure the speedometer using the integrated mounting bracket and provided hardware. Ensure it is firmly attached and does not obstruct your view or controls.



Image: Angled view of the Keenso motorcycle speedometer, highlighting its chrome casing and the attached mounting bracket for secure installation.

6.2. Mechanical Speedometer Cable Connection

1. Locate the mechanical speedometer cable on your motorcycle, typically connected to the front wheel.
2. Carefully connect the motorcycle's speedometer cable to the mechanical rotary interface at the rear of the Keenso speedometer. Ensure a snug and secure fit.



Image: Rear view of the Keenso motorcycle speedometer, illustrating the mechanical cable input port and the electrical wiring for power and backlight.

6.3. Electrical Wiring for Backlight

The speedometer requires electrical power for its LED backlight. The wiring typically consists of two wires:

- **Red Wire:** Connect to a 12V positive (+) power source (e.g., ignition switched power).
- **Black Wire:** Connect to a ground (-) source.

Ensure all electrical connections are properly insulated to prevent short circuits.

7. OPERATING INSTRUCTIONS

Once installed and powered, the speedometer will function automatically.

7.1. Reading the Display



Image: Front view of the Keenso motorcycle speedometer, showing the dial for speed (km/h), the needle for RPM, and the digital odometer display.

- **Speedometer:** The large needle indicates your current speed in km/h.
- **Tachometer:** The smaller markings and needle (if present, or inferred from speed dial) indicate engine RPM.
- **Odometer:** The digital display shows the total distance traveled by the motorcycle.

7.2. Backlight Operation

The LED backlight will illuminate when the speedometer receives power, typically when the motorcycle's ignition is turned on. The dual-color feature provides enhanced visibility.

8. MAINTENANCE

To ensure the longevity and accurate performance of your speedometer, follow these maintenance guidelines:

- **Cleaning:** Wipe the display and casing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or display.

- **Cable Inspection:** Periodically check the mechanical speedometer cable for wear, kinks, or damage. Ensure it is properly lubricated and securely connected.
- **Electrical Connections:** Inspect electrical wiring for any signs of corrosion or loose connections.
- **Environmental Protection:** While designed for outdoor use, prolonged exposure to extreme weather conditions (e.g., heavy rain, direct sunlight) can affect performance. Consider using a motorcycle cover when parked for extended periods.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Speedometer/Odometer not working	Loose or damaged mechanical cable connection.	Check the connection of the mechanical cable at both the speedometer and the wheel. Ensure the cable is not broken or seized.
Backlight not illuminating	No power to the backlight wiring; loose electrical connection; blown fuse.	Verify the red wire is connected to a 12V positive source and the black wire to ground. Check for loose connections or a blown fuse in the motorcycle's electrical system.
Inaccurate speed reading	Incorrect speedometer drive ratio; worn mechanical cable.	Ensure the speedometer is compatible with your motorcycle's wheel size and drive ratio. Inspect the mechanical cable for smooth operation.

If the problem persists after attempting these solutions, please contact customer support or a qualified technician.

10. WARRANTY AND SUPPORT

Keenso products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for warranty claims.

