EBTOOLS Elerose35kfiqxhsp

EBTOOLS Elerose Motorcycle Speedometer Instruction Manual

Model: Elerose35kfiqxhsp

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EBTOOLS Elerose Motorcycle Speedometer. Please read this manual thoroughly before use to ensure proper function and longevity of the product. This device is a general-purpose round digital LCD tachometer and odometer designed for motorcycles.

PRODUCT OVERVIEW

Features

- Integrated speedometer, odometer, and tachometer.
- Digital LCD display for clear readings.
- Round design suitable for various motorcycle styles, including Cafe Racers.
- Includes indicator lights for turn signals, neutral gear, and headlights.
- Durable metal and plastic construction.

Package Contents

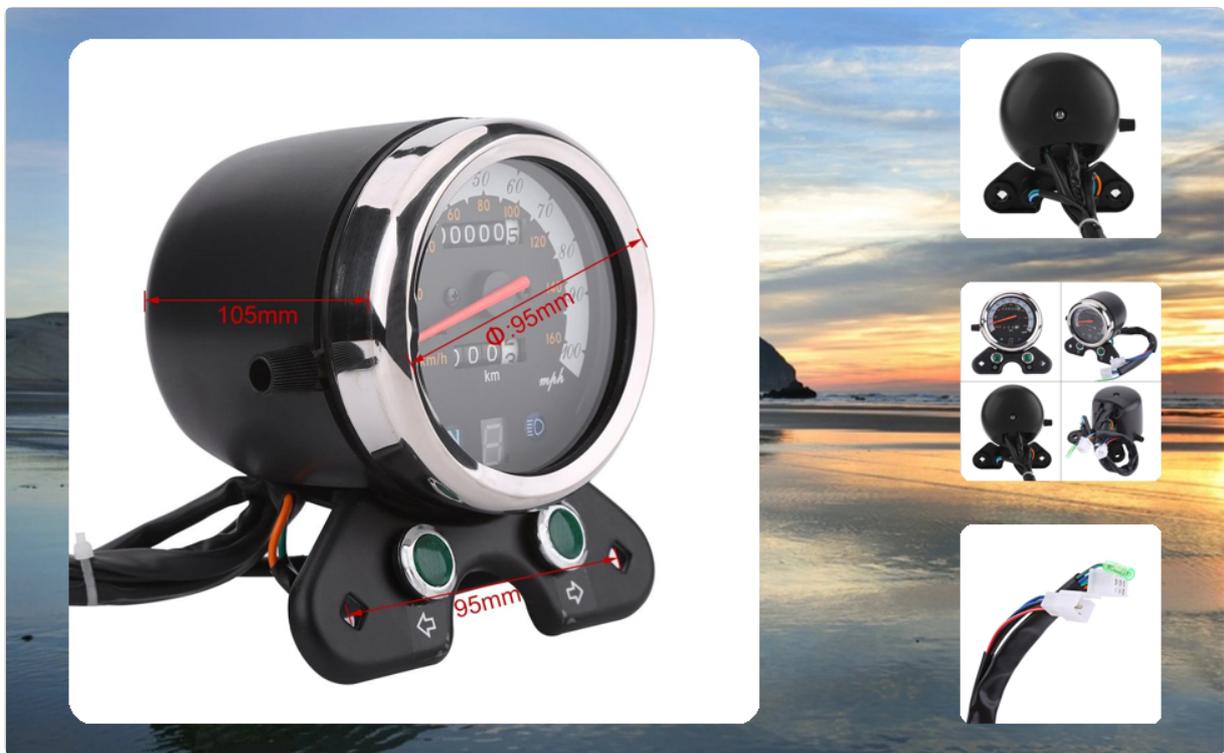- 1 x EBTOOLS Elerose Motorcycle Speedometer

Figure 1: EBTOOLS Elerose Motorcycle Speedometer. The top image shows the speedometer mounted on a motorcycle handlebar, while the bottom image displays the speedometer unit itself with its wiring harness.

SPECIFICATIONS

Material	Metal + Plastic
Color	Black
Voltage	12V DC
Dimensions (L x W)	95 x 105 mm (3.7" x 4.1")
Mounting Hole Distance	95 mm (3.7")
Package Weight	Approx. 734 grams
Manufacturer	EBTOOLS
Model Number	Elerose35kfiqxhsp
UPC	792117031618
Country of Origin	China

Figure 2: Speedometer unit displaying operating voltage (DC 12V) and material (Metal + Plastic).

SETUP AND INSTALLATION

Before beginning installation, ensure the motorcycle's power is off and the battery is disconnected. Professional installation is recommended.

Wiring Instructions

The speedometer features two main wiring interfaces:

7-Wire Interface (Main Functions)

- **Orange Line:** Connect to Left Turn Signal
- **Light Blue Line:** Connect to Right Turn Signal
- **Black Line:** Connect to Ignition Power (Positive)
- **Green Line:** Connect to Negative (Ground)
- **Brown Line:** Connect to Fog Light
- **Blue Line:** Connect to Headlights
- **Red Light Green Line:** Connect to Neutral Gear Position Indicator

5-Wire Gear Interface (Gear Position Indicators)

- **Blue/Red Line:** Connect to Gear 1 Indicator
- **Blue/Black Line:** Connect to Gear 2 Indicator
- **Blue/Yellow Line:** Connect to Gear 3 Indicator
- **Red/White Line:** Connect to Gear 4 Indicator
- **Brown/Yellow Line:** Connect to Gear 5 Indicator

Ensure all connections are secure and properly insulated to prevent short circuits. After wiring, reconnect the battery and test all functions.

Figure 3: Rear view of the speedometer unit, illustrating the various wiring connections for installation.

OPERATING INSTRUCTIONS

Once installed and powered on, the speedometer will display various information. Familiarize yourself with the display components:

Figure 4: Front view of the speedometer with key components labeled for identification.

Display Components

- **Speed Pointer:** Indicates current speed in km/h and mph.
- **Mileage Display:** Shows total distance traveled (odometer).
- **Neutral Gear Light Display:** Illuminates when the motorcycle is in neutral gear (labeled 'N').
- **Headlight Display:** Illuminates when headlights are active.
- **Gear Display:** Shows the current gear engaged (1-5).
- **Turn Signal Indicators:** Left and Right indicators illuminate when corresponding turn signals are active.
- **Odometer Reset Knob:** Located on the side, used to reset trip mileage (if applicable).

The digital LCD screen provides clear readings for all functions. Ensure the display is visible and not obstructed during operation.

MAINTENANCE

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

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

that may damage the surface.

- **Inspection:** Periodically check all wiring connections for looseness or corrosion. Ensure the mounting is secure.
- **Environmental Protection:** While designed for outdoor use, prolonged exposure to extreme weather conditions (heavy rain, direct sunlight) may affect performance. Consider using a motorcycle cover when parked for extended periods.
- **Avoid Tampering:** Do not attempt to open or modify the speedometer unit, as this may void any potential warranty and could cause damage.

TROUBLESHOOTING

If you encounter issues with your speedometer, refer to the following common troubleshooting steps:

- **No Power/Display:**
  - Check all power connections (Black line for positive, Green line for negative).
  - Ensure the motorcycle battery is charged and properly connected.
  - Inspect fuses in the motorcycle's electrical system.

- **Incorrect Speed/Mileage Reading:**
  - Verify the speedometer cable connection (if applicable, this model is digital, so check sensor connection if external sensor is used, though not specified in wiring).
  - Ensure the speedometer is correctly calibrated for your wheel size (if adjustable, this model does not specify calibration options).

- **Indicator Lights Not Working:**
  - Check the specific wiring for the affected indicator (e.g., Orange for left turn, Light Blue for right turn).
  - Ensure the corresponding function on the motorcycle (turn signal, headlight, neutral) is operational.

- **Gear Display Issues:**
  - Inspect the 5-wire gear interface connections.
  - Ensure the motorcycle's gear position sensor is functioning correctly.

If problems persist after attempting these steps, consult a qualified motorcycle technician or contact customer support.

WARRANTY INFORMATION

Specific warranty details for the EBTOOLS Elerose Motorcycle Speedometer are not provided in the product information. Please refer to the retailer or your purchase documentation for any applicable warranty terms and conditions.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your EBTOOLS Elerose Motorcycle Speedometer, please contact the retailer from whom you purchased the product. Have your model number (Elerose35kfiqxhsp) and purchase details ready when contacting support.