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Ejoyous Ejoyousvuskp8wy6g

Ejoyous Motorcycle Digital Tachometer Speedometer User Manual

Model: Ejoyousvuskp8wy6g

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ejoyous Motorcycle Digital Tachometer Speedometer. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The Ejoyous Digital Tachometer Speedometer is designed to provide essential riding information, including speed, engine RPM, mileage, fuel level, gear position, and water temperature, all displayed on a clear LCD screen with adjustable backlight.

2. SAFETY INFORMATION

- Always ensure the motorcycle's power is off before attempting installation or maintenance.
- Incorrect wiring can damage the unit or the motorcycle's electrical system. If unsure, seek professional assistance.
- Do not attempt to disassemble or modify the unit. This may void the warranty and cause malfunction.
- Ensure all connections are secure and waterproof to prevent short circuits and corrosion.
- Mount the unit securely to prevent vibration damage or detachment during operation.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x Ejoyous Digital Tachometer Speedometer Unit
- 1 x Wiring Harness
- (Optional: Speed Sensor and Magnets, if included in specific kits)



Image 3.1: Contents of the Ejoyous Digital Tachometer Speedometer package, showing the main unit, wiring harness, speed sensor, and two magnets.

4. PRODUCT FEATURES

- **Multi-Function Display:** Integrates speedometer, odometer, tachometer, fuel level, neutral gear indicator, and water temperature display.
- **High Visibility:** Features a 7-color adjustable backlight and green turn signal indicators for clear readability in various lighting conditions.
- **Precise Performance Metrics:** Tachometer displays engine speed up to 16000 r/min. Maximum speed display up to 299 KM/H.
- **Mileage Tracking:** Total mileage (ODO) up to 99999 KM, with switchable trip subtotal and accumulative modes.
- **Fuel Level Indicator:** Five-grid LCD indicator. Flashes when low.
- **Durable Construction:** Made from PC + LED materials for long-lasting performance.



Image 4.1: The Ejoyous Digital Tachometer Speedometer unit, showcasing its sleek black design and integrated wiring harness.

5. SETUP AND INSTALLATION

The unit comes with a wiring harness for convenient setup. Professional installation is recommended if you are unfamiliar with motorcycle electrical systems.

5.1 Wiring Diagram (General Guidance)

Refer to the provided wiring harness. Each wire is color-coded. Connect them according to your motorcycle's electrical system. Common connections include:

- **Red:** Positive power supply (usually 12V ignition switched).
- **Black:** Ground.
- **Orange/Yellow:** Left/Right Turn Signal.

- **Blue:** Headlight/Backlight power.
- **Green:** Neutral Gear Indicator.
- **White/Brown:** Fuel Level Sensor input.
- **Yellow/Green:** Tachometer signal input (from ignition coil or ECU).
- **Speed Sensor Wires:** Connect to the speed sensor (if included).

Note: Specific wire colors and functions may vary. Always consult your motorcycle's service manual for accurate wiring information.

5.2 Mounting the Unit

1. Choose a secure and visible location on your motorcycle's dashboard or handlebars.
2. Use appropriate mounting brackets (not included) to firmly attach the unit.
3. Ensure the unit is positioned to avoid obstruction of other controls and to minimize glare.



Image 5.1: The Ejoyous Digital Tachometer Speedometer installed on a motorcycle, demonstrating its integration into the vehicle's cockpit.

6. OPERATING INSTRUCTIONS

The unit features an LCD display and typically two control buttons for navigation and settings adjustment.

6.1 Display Overview



The maximum speed is displayed at 16000r/min. Left and right turn signals is green.

Image 6.1: A detailed view of the speedometer's LCD screen, highlighting the digital speed, gear indicator, fuel level, and other metrics.

- **Speedometer:** Digital display of current speed (KM/H).
- **Tachometer:** Bar graph or digital display of engine RPM (x1000r/min).
- **Odometer (ODO):** Total accumulated mileage.
- **Trip Meter (TRIP):** Resettable mileage for individual trips.
- **Fuel Level:** Five-grid indicator. Flashes when low.
- **Gear Indicator:** Displays current gear (N for Neutral, 1-5 or 1-6).
- **Water Temperature:** Indicator for engine coolant temperature.
- **Turn Signals:** Green indicators for left and right turns.

6.2 Button Functions

The unit typically has two buttons, often labeled "MODE" and "SET" or similar. Their functions may include:

- **Short Press:** Switch between ODO and TRIP mileage displays.
- **Long Press (in ODO mode):** Enter settings menu (e.g., wheel circumference, cylinder count, backlight color).

- **Long Press (in TRIP mode):** Reset TRIP mileage.
- **Adjusting Backlight Color:** In settings mode, use buttons to cycle through 7 available backlight colors.



Image 6.2: The Ejoyous Digital Tachometer Speedometer, highlighting the two control buttons on the left side of the unit, used for navigating display modes and settings.

7. SPECIFICATIONS

Feature	Specification
Brand	Ejoyous
Model	Ejoyousvuskp8wy6g
Material	PC + LED
Color	Black
Maximum Engine Speed Display	16000 r/min
Maximum Speed Display	299 KM/H
Total Mileage (ODO)	0D0 to 99999 KM
Backlight Colors	7 adjustable colors
Item Weight	357 g
Package Dimensions	19 x 13 x 10 cm

8. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the display and casing. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check all wiring connections for tightness and signs of wear or corrosion.
- **Environmental Protection:** While designed for outdoor use, prolonged exposure to extreme weather

conditions (e.g., heavy rain, direct sunlight for extended periods) should be minimized to extend product life.

9. TROUBLESHOOTING

- **No Power/Display:**
 - Check power connections (red wire to 12V, black wire to ground).
 - Verify motorcycle battery voltage.
 - Check for blown fuses in the motorcycle's electrical system.
- **Incorrect Speed/RPM Reading:**
 - Ensure speed sensor is correctly installed and calibrated (if applicable).
 - Verify tachometer signal wire connection.
 - Check settings for wheel circumference or cylinder count if adjustable.
- **Inaccurate Fuel Level:**
 - Check fuel level sensor wiring.
 - Ensure the fuel sensor in the tank is functioning correctly.
- **Backlight Not Changing:**
 - Ensure you are in the correct settings mode to adjust backlight color.
 - Check for any loose connections to the backlight power.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the retailer or manufacturer's official website where the product was purchased. Keep your proof of purchase for warranty claims.