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› Ejoyous Electric LCD Display EN06 User Manual

Ejoyous EN06

Ejoyous Electric LCD Display EN06 User Manual

Model: EN06

1. PRODUCT OVERVIEW

The Ejoyous Electric LCD Display EN06 is designed to provide essential riding data for electric bikes and scooters. It features a clear LCD screen for easy viewing of information such as battery power and real-time power consumption, helping users monitor their riding mileage effectively.

This display is built with a robust plastic casing, ensuring good toughness and waterproof performance to protect its internal circuitry. It is compatible with 24V, 36V, and 48V voltage systems, offering stable and reliable operation across various electric vehicle setups.



Figure 1: Front view of the Ejoyous EN06 Electric LCD Display, showing the screen and control buttons.

Key Features:

- **Multiple Data Display:** Real-time battery power, power consumption, and riding mileage.
- **Wide Voltage Compatibility:** Supports 24V, 36V, and 48V systems.
- **Durable and Waterproof:** Plastic casing provides protection for internal components.
- **Easy Installation:** Designed for mounting on 22.2mm handlebars.

2. SETUP AND INSTALLATION

The EN06 LCD display is designed for straightforward installation on your electric bike or scooter. Follow these steps for proper setup:

1. **Handlebar Mounting:** The display is suitable for mounting on 22.2mm handlebars. Securely attach the display bracket to your handlebar using the provided screws. Ensure it is positioned for optimal viewing while riding.



Figure 2: Close-up view of the handlebar mounting clamp, designed for 22.2mm handlebars.

2. **Electrical Connection:** Connect the display's cable to your electric vehicle's control system. The display is compatible with 24V, 36V, and 48V voltage systems. Ensure the connection is firm and secure.



Figure 3: Detailed view of the display's waterproof electrical connector, ensuring a secure connection to the vehicle's system.

3. **Verify Compatibility:** Ensure your electric vehicle's communication protocol matches the display's No. 2 communication protocol for proper function.



Figure 4: The EN06 display installed on a scooter, demonstrating its practical application.



Figure 5: The EN06 display installed on an electric bike, showing its versatility across different electric vehicles.

3. OPERATING INSTRUCTIONS

The EN06 LCD display provides clear and concise information about your ride. Here's how to operate it:

- **Power On/Off:** Press and hold the power button (usually marked with a power symbol) to turn the display on or off.
- **Data Display:** Once powered on, the LCD screen will show various data points, including current speed, battery level, and potentially other metrics like distance traveled or power consumption.
- **Adjusting Settings:** Use the '+' and '-' buttons to navigate through different display modes or adjust settings as per your vehicle's controller capabilities. Refer to your vehicle's main controller manual for specific display mode functions.



Figure 6: Detailed view of the display's control buttons: Power, Plus (+), and Minus (-).

- **Real-time Monitoring:** The display continuously updates data, allowing you to monitor your battery power and power consumption in real-time, which helps in managing your riding mileage.

4. MAINTENANCE

The Ejoyous EN06 LCD Display is designed for durability and requires minimal maintenance. Adhering to these guidelines will help prolong its lifespan:

- **Cleaning:** Wipe the display screen and casing with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the plastic or screen.
- **Water Resistance:** The display has good waterproof performance. However, avoid submerging the unit in water or exposing it to high-pressure water jets.
- **Storage:** When not in use for extended periods, store the display in a dry, cool place away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check the connecting cable and connector for any signs of wear, damage, or loose connections.

5. TROUBLESHOOTING

If you encounter issues with your Ejoyous EN06 LCD Display, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Display does not power on.	No power supply; Loose connection; Faulty unit.	Ensure the vehicle's battery is charged. Check all cable connections, especially the main power connector, for secure fit. If issues persist, consult a qualified technician.
Screen image is blurred or distorted.	Incompatible communication protocol; Loose internal connection; Damaged screen.	Verify that your vehicle's controller uses the No. 2 communication protocol. Gently tap the display to see if the image stabilizes (may indicate a loose internal connection). If the screen remains blurred, the unit may be damaged and require replacement.
Incorrect data displayed (e.g., speed, battery).	Sensor issue; Calibration needed; Incompatible settings.	Check the speed sensor connection and ensure it is clean and unobstructed. Refer to your vehicle's controller manual for display calibration procedures. Ensure the display is set to the correct voltage (24V/36V/48V) if adjustable.

For problems not listed here, or if the suggested solutions do not resolve the issue, please contact Ejoyous customer support.

6. SPECIFICATIONS

Detailed technical specifications for the Ejoyous EN06 Electric LCD Display:

Feature	Detail
Model	EN06
Material	PVC, Copper, ABS
Compatible Voltage	24V, 36V, 48V
Mounting Handlebar Diameter	22.2mm (0.87 inches)
Display Type	LCD
Screen Size	Approximately 2 inches
Item Weight	73 Grams (approx. 2.6 oz)
Dimensions (L x W x H)	Approx. 62mm x 40mm x 46mm (2.44in x 1.57in x 1.81in)
International Protection Rating	IP06
Human Interface Input	Buttons
Communication Protocol	Match No. 2 communication protocol



Figure 7: Dimensional drawing of the Ejoyous EN06 Electric LCD Display, showing key measurements.

7. WARRANTY INFORMATION

Ejoyous products are manufactured to high quality standards. Specific warranty terms and conditions may vary by region and retailer. Please retain your proof of purchase for any warranty claims.

For detailed warranty information, please refer to the documentation included with your purchase or visit the official Ejoyous website.

8. CUSTOMER SUPPORT

If you require further assistance, have questions about your Ejoyous EN06 LCD Display, or need technical support, please contact Ejoyous customer service through the following channels:

- **Online Support:** Visit the official Ejoyous website for FAQs, support articles, and contact forms.
- **Email Support:** Refer to your product packaging or the Ejoyous website for the customer support email address.
- **Retailer Support:** If purchased from a specific retailer, their customer service may also be able to assist with product inquiries or returns.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question