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> WnewTools Ji Pin Instrument Electric Scooter Meter LCD Display User Manual

WnewTools PANN1976388

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1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your WnewTools Ji Pin Instrument Electric Scooter Meter LCD Display. Please read these instructions carefully before use to ensure optimal performance and longevity of the product. Retain this manual for future reference.

Important Safety Notice: Always ensure your electric scooter is powered off before attempting any installation or modification. If you are unsure about any step, consult a qualified technician.

2. PRODUCT OVERVIEW

The WnewTools Ji Pin Instrument is an LCD display meter designed for electric scooters with a voltage of 60V or less. It provides essential data recording functions for your ride.

2.1 Key Features

- Material: Durable Metal & Plastic construction.
- Function: Records various ride data.
- Compatibility: Designed for electric scooters with voltage $\leq 60V$.

2.2 Package Contents

Upon unpacking, verify that the following item is included:

- 1 x Ji Pin Instrument Electric Scooter Meter LCD Display

2.3 Applicable Scooter Models

This instrument is compatible with various electric scooter models that are equipped with a Jipin 60V meter, including but not limited to: ES19, TI30, ES18P, T30, SR10, ES18 Lite, L8S PRO, ES10P, L6 Pro.



Figure 1: Front view of the WnewTools Ji Pin Instrument Electric Scooter Meter LCD Display, showing the circular screen and control buttons.



Figure 2: Close-up view of the control panel, highlighting the power button (top right) and mode button (bottom right) next to the

3. SETUP AND INSTALLATION

This instrument is intended for modification of electric scooters with a voltage of 60V or less. Installation typically involves connecting the meter to the scooter's existing wiring harness. It is crucial to ensure correct wiring to prevent damage to the meter or the scooter.

1. **Power Off Scooter:** Before beginning, ensure your electric scooter is completely powered off and the battery is disconnected if possible.
2. **Locate Mounting Position:** Identify a suitable and secure location on your scooter's handlebars for mounting the display.
3. **Mount the Display:** Use the provided mounting hardware to securely attach the Ji Pin Instrument to the handlebars. Ensure it is positioned for clear visibility during operation.
4. **Connect Wiring:** Carefully connect the instrument's wiring harness to the corresponding connectors on your electric scooter. Refer to your scooter's specific wiring diagram if available. Ensure all connections are secure and insulated.
5. **Test Functionality:** Once installed, reconnect the scooter's battery and power it on. Verify that the display powers up and shows readings correctly.

Note: If you are not experienced with electrical modifications, it is highly recommended to seek professional assistance for installation to avoid potential damage or safety hazards.



Figure 3: The Ji Pin Instrument showing its integrated wiring harness, which connects to the scooter's electrical system.

4. OPERATING INSTRUCTIONS

The Ji Pin Instrument LCD Display provides real-time data for your electric scooter. While specific button functions may vary slightly, the general operation involves powering on, selecting display modes, and monitoring data.

4.1 Power On/Off

- **Power On:** Press and hold the **Power button** (often marked with a power symbol ) for a few seconds until the LCD screen illuminates.
- **Power Off:** Press and hold the **Power button** again until the display turns off.

4.2 Display Modes and Data Recording

The instrument is designed to record and display various data points. Use the **Mode button** (often marked with 'M') to cycle through different display modes.

- **Speed Display:** Shows current riding speed.
- **Time Display:** May show ride duration or current time.
- **Power Display:** Indicates remaining battery power or voltage.
- **Odometer/Trip Meter:** Displays total distance traveled or distance for the current trip.

Press the **Mode button** briefly to switch between these data displays. Consult your scooter's specific manual or experiment with the buttons to understand all available functions and settings.

5. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your Ji Pin Instrument.

- **Cleaning:** Use a soft, damp cloth to wipe the display screen and housing. Avoid abrasive cleaners or solvents, which can damage the plastic and screen.
- **Water Resistance:** The instrument is designed to be waterproof. However, avoid submerging it in water or exposing it to high-pressure water jets. Ensure all connections are sealed to maintain water resistance.
- **Storage:** When not in use for extended periods, store the scooter and instrument in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check the mounting screws and wiring connections to ensure they are secure and free from damage.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Display does not turn on	No power, loose connection, damaged wiring, scooter battery low.	Check all wiring connections. Ensure scooter battery is charged. Verify the scooter's power system is functional.
Incorrect speed/data readings	Improper calibration (if applicable), sensor issue, loose connection.	Ensure the instrument is correctly configured for your scooter's wheel size (if adjustable). Check sensor connections.
Buttons unresponsive	Software glitch, physical damage, moisture ingress.	Try powering the scooter off and on again. Inspect buttons for physical damage. Ensure the unit is dry.

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

7. SPECIFICATIONS

- **Model Name:** PANN1976388
- **Brand:** WnewTools
- **Material:** Aluminum (Outer Material)
- **Item Package Dimensions:** 4.72 x 3.94 x 1.97 inches
- **Package Weight:** 450 Grams
- **Manufacturer:** Wnew
- **Country of Origin:** China

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the point of purchase or contact your retailer. Specific warranty terms and conditions may vary.
For technical assistance or inquiries, please reach out to the manufacturer or authorized service centers.

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