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› Ruitoo T2 Max Electric Scooter User Manual

Ruitoo T2 MAX(28 MPH 31 MILES)

Ruitoo T2 Max Electric Scooter User Manual

Your comprehensive guide to setting up, operating, and maintaining your Ruitoo T2 Max Electric Scooter.

1. SETUP AND ASSEMBLY

Your Ruitoo T2 Max Electric Scooter comes partially assembled for safe transport. Follow these steps for initial setup.

1.1 Unboxing and Initial Inspection

Carefully open the packaging and remove all components. Verify that all parts listed in the packing list are present and undamaged. The package includes the scooter, charger, toolkit, and user manual.

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Video 1.1: Unboxing and initial setup of the Ruitoo T2 Max Electric Scooter. This video demonstrates how to safely remove the scooter from its packaging and identify included accessories.

1.2 Handlebar Installation

To install the handlebar, first unfold the main stem of the scooter. Secure the handlebar to the stem using the provided screws and Allen wrench from the toolkit. Ensure all connections are tight and secure before use.

1.3 Attaching Accessories

Attach the provided storage bag to the handlebar stem using its straps. This bag is designed for small personal items.

1.4 Initial Charging

Before first use, fully charge the scooter's 48V/15.6Ah battery. Connect the charger to the charging port located on the side of the deck. The indicator light on the charger will change when charging is complete. The battery has passed UL2272 certification and is equipped with a Battery Management System (BMS) for safety.



Figure 1.1: The scooter's battery capacity and maximum range.

2. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features for optimal riding experience.

2.1 Powering On/Off and Speed Modes

To power on the scooter, insert the key and turn it to the ON position, then long press the power button located under the accelerator. The smart LED display will illuminate. Short press the power button to cycle through speed levels (Mode 1: up to 15 km/h, Mode 2: up to 20 km/h, Mode 3: up to 25 km/h).

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Video 2.1: Demonstrates powering on the scooter and cycling through speed modes on the LED display.

Smart LED Display

Adjustable Body



Figure 2.1: Overview of the Smart LED Display and controls.

2.2 Unlocking Speed Limit

To unlock the full speed potential (up to 28 MPH), press the brake bar and the power button four times simultaneously. This will remove the speed limiter.

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Video 2.2: Instructions on how to unlock the speed limit of the scooter.

2.3 Lighting System

The scooter is equipped with a comprehensive lighting system for safety, including a headlight, brake light, front and rear turn signals, and cool LOGO and side lights. Press the power button twice to turn on the pole light.

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Video 2.3: Demonstration of the scooter's lighting system, including the pole light.



Figure 2.2: The scooter's colorful safety warning light system.

2.4 Riding Performance

The Ruitoo T2 Max features a powerful 1000W motor, allowing for speeds up to 28 MPH and climbing slopes up to 30 degrees. The 10-inch off-road explosion-proof tires provide excellent traction and can support a weight of up to 264 lbs. The dual suspension and hydraulic braking system ensure a comfortable and safe ride.



Figure 2.3: Key performance features of the scooter.



Figure 2.4: Illustration of the Dual Suspension and Dual Braking Systems.

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Video 2.4: Demonstrates the scooter's performance, including off-road capability, speed, range, and suspension.

3. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

3.1 Battery Care

To maximize battery life, avoid fully discharging the battery frequently. Charge the scooter regularly, especially if it will be stored for an extended period. Store the scooter in a cool, dry place away from direct sunlight.

3.2 Tire Maintenance

Periodically check the 10-inch off-road tires for wear and tear. Ensure they are free from punctures and maintain proper inflation if applicable (though described as 'explosion-proof', regular checks are still advised for optimal performance).

3.3 Braking System Check

Regularly inspect the dual disc brake system for proper function. Check brake pads for wear and ensure brake levers respond smoothly. If you notice any issues, consult a qualified technician.

3.4 General Cleaning and Storage

Clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electrical components. The scooter has an IPX4 waterproof rating, meaning it is resistant to splashing water from any direction. For storage, utilize the portable and foldable design to save space.



Figure 3.1: The scooter's foldable design for easy storage.

4. TROUBLESHOOTING

This section provides guidance on common issues. For more detailed troubleshooting, please refer to the full user manual included with your product or contact customer support.

- **Scooter not powering on:** Check battery charge, ensure key is in ON position, and long press the power button.

- **Speed not reaching maximum:** Verify the speed limit is unlocked (refer to section 2.2).
- **Unusual noises or vibrations:** Inspect for loose components, tire issues, or braking system problems. Discontinue use and consult a technician if issues persist.

5. SPECIFICATIONS

Feature	Specification
Model Name	T2 Max
Motor Power	1000W
Max Speed	28 MPH (45 km/h)
Max Range	31 Miles (50 km)
Battery Capacity	48V/15.6Ah
Weight Limit	264 Pounds (120 kg)
Wheel Size	10 Inches (Off-road Pneumatic)
Suspension Type	Dual Suspension
Brake Style	Dual Hydraulic Disc Braking with ABS
Frame Material	Aluminum Alloy Steel
Waterproof Rating	IPX4
Max Climbing Angle	Up to 30°

6. WARRANTY AND SUPPORT

6.1 Warranty Information

Ruitoo provides a one-year limited warranty service for this product. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use conditions.

6.2 Customer Support

If you encounter any product quality or usage problems, please contact the seller, Junling Home, for assistance. Their support team is available to help with inquiries and provide solutions.

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