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Ruitoo T2 MAX

Ruitoo T2 MAX Electric Scooter User Manual

Model: T2 MAX

INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Ruitoo T2 MAX Electric Scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your scooter.

SAFETY INFORMATION

Operating an electric scooter carries inherent risks. Adhere to all local laws and regulations regarding electric scooter use. Always wear a helmet and appropriate safety gear. Ensure the scooter is in good working condition before each use.

- Always wear a helmet and protective gear (knee pads, elbow pads).
- Do not ride in heavy rain or through standing water deeper than 1 inch. The scooter has an IPX4 waterproof rating, meaning it is resistant to splashing water from any direction, but not submersion.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding on slippery surfaces, loose gravel, or uneven terrain.
- Do not perform stunts or sudden maneuvers.
- Ensure both brake levers are functioning correctly before each ride.
- Check tire pressure and condition regularly.
- Do not allow children under the age of 16 to operate the scooter.
- The maximum weight limit for this scooter is 264 lbs (120 kg).



Image: The image shows the Ruitoo T2 MAX electric scooter being ridden through shallow water, illustrating its IPX4 waterproof rating, which indicates resistance to splashing water from any direction.

PACKAGE CONTENTS

Upon unpacking, verify that all items are present and in good condition:

- Ruitoo T2 MAX Electric Scooter
- Charger
- User Manual (this document)
- Scooter Bag
- Tools for assembly (if applicable)

SETUP

Follow these steps to prepare your Ruitoo T2 MAX Electric Scooter for its first use:

1. **Unfolding the Scooter:**

Carefully remove the scooter from its packaging. Locate the folding mechanism on the stem. Release the latch and lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is securely engaged.



Image: The image illustrates the compact, folded state of the Ruitoo T2 MAX electric scooter, demonstrating its portability for storage in a vehicle trunk. Dimensions of 49 inches length and 21 inches height are indicated.

2. **Handlebar Adjustment:**

The handlebar height can be adjusted for rider comfort. Loosen the quick-release clamp on the stem, adjust the handlebar to the desired height, and then securely tighten the clamp.



Image: This image highlights the adjustable handlebar feature of the scooter, allowing riders to customize the height for optimal comfort and control during operation.

3. Initial Charge:

Before your first ride, fully charge the scooter's battery. Connect the charger to the charging port on the scooter and then to a power outlet. The charging indicator on the charger will typically change color (e.g., red to green) when fully charged. Refer to the charging section for more details.

4. Pre-Ride Inspection:

Before each ride, check the brakes, tire pressure, and ensure all quick-release levers and bolts are tightened. Verify that the lights are functional.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls and riding techniques before operating the scooter in public areas.

Controls Overview

Smart LED Display

Adjustable Body



Image: A detailed view of the scooter's handlebar, showcasing the Smart LED Display which indicates gear position, headlight status, speed, and battery level. Key controls such as the brake handle, turn ON/OFF button, horn key, acceleration lever, and power on key are also visible.

- **Power On/Off:** Press and hold the power button (usually on the display or near the throttle) to turn the scooter on or off.
- **Acceleration:** Use the throttle lever or button to control speed.
- **Braking:** The scooter is equipped with a dual disc braking system. Use the brake levers on the handlebars to slow down or stop. Apply both brakes gently and evenly for optimal control.
- **Lights:** The scooter features a headlight, brake light, and front/rear turn signals. Activate them as needed for visibility and safety, especially in low-light conditions.
- **LED Display:** The smart LED display shows current speed, battery level, gear position, and headlight status.

Riding Tips

- Start in a low-speed mode until you are comfortable with the scooter's handling.
- Maintain a balanced stance with both feet on the deck.

- Lean into turns rather than steering sharply with the handlebars.
- Anticipate stops and use brakes smoothly.
- Be aware of your surroundings and potential hazards.
- The scooter can handle slopes up to 30 degrees. Adjust your speed accordingly.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Ruitoo T2 MAX Electric Scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Battery Care:**
 - Charge the battery fully after each use.
 - Do not overcharge or completely drain the battery.
 - Store the scooter in a cool, dry place when not in use, and charge it periodically if stored for extended periods (e.g., once every 30-60 days).
 - Only use the original charger provided.
- **Tires:** Check tire pressure regularly. The 10-inch pneumatic off-road tires require proper inflation for optimal performance and safety. Inspect for wear and tear.
- **Brakes:** Periodically check the brake pads and discs for wear. Adjust brake tension as needed.
- **Fasteners:** Ensure all screws, bolts, and quick-release mechanisms are tight and secure.
- **Suspension:** The dual suspension system is designed for comfort. Inspect for any visible damage or unusual noises.



Dual Suspension System

Improves the balance of the electric scooter

Dual Braking System

Improves the safety of the electric scooter

Image: This image illustrates the scooter's dual suspension system, designed to improve balance and riding comfort, and the dual disc braking system, which enhances safety and stopping performance.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Ruitoo T2 MAX Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose battery connection; faulty power button.	Charge the battery fully. Check battery connections. If issue persists, contact customer support.
Battery not charging.	Charger not properly connected; faulty charger; faulty charging port; battery issue.	Ensure charger is securely connected to both scooter and power outlet. Check if the outlet is working. Try a different outlet. If the charger indicator light does not change, contact customer support.

Problem	Possible Cause	Solution
Reduced range or speed.	Low tire pressure; heavy load; riding uphill frequently; cold weather; battery degradation.	Check and inflate tires to recommended pressure. Reduce load. Ride on flatter terrain. Battery performance can be affected by temperature.
Brakes feel weak or noisy.	Worn brake pads; loose brake cable; disc contamination.	Inspect brake pads and discs. Adjust brake cable tension. Clean discs with a suitable brake cleaner. If unsure, seek professional assistance.
Unusual noises during operation.	Loose components; suspension issue; motor issue.	Inspect all visible parts for looseness and tighten as necessary. If the noise persists or is from the motor, contact customer support.

SPECIFICATIONS

Key technical specifications for the Ruitoo T2 MAX Electric Scooter:

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
Wheel Type	Pneumatic Off-road
Brake Style	Dual Disc Braking System
Suspension	Dual Suspension System
Special Feature	Foldable, LED Lights (Headlight, Brake Light, Turn Signals, LOGO light, Side light)
Material	Alloy Steel
Waterproof Grade	IPX4
Max Climbing Angle	30°

WARRANTY AND SUPPORT

Ruitoo provides a one-year warranty service for this product. For any product quality or usage problems, please contact Ruitoo customer support.

- **Warranty Period:** 1 Year from the date of purchase.
- **Contact Support:** Refer to the contact information provided with your purchase documentation or visit the official

Ruitoo website for support options.

- **Online Resources:** For additional information and FAQs, you may visit the [Ruitoo Store on Amazon](#).