

[Manuals.plus](#) /

› [Ruitoo](#) /

› Ruitoo M5 Pro Electric Scooter User Manual

Ruitoo M5 Pro

Ruitoo M5 Pro Electric Scooter User Manual

Model: M5 Pro

INTRODUCTION

Welcome to the user manual for your new Ruitoo M5 Pro Electric Scooter. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your scooter. The M5 Pro is designed for adults, featuring a powerful 1600W brushless motor, a long range of 70-80KM, and a maximum speed of 34 MPH. It is equipped with dual suspension and a hydraulic damping system for a smooth ride, along with a comfortable seat and a convenient storage box.



Image: The Ruitoo M5 Pro Electric Scooter, showcasing its robust design, front headlights, and integrated seat with storage box.

SAFETY WARNINGS

Your safety is paramount. Please read and understand all safety instructions before operating the scooter. Failure to follow these instructions may result in serious injury or damage to the scooter.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride in wet conditions, heavy rain, or through puddles.
- Ensure all bolts and fasteners are tightened before each ride.

- Do not exceed the maximum load capacity of 264 LBS (120 kg).
- Adhere to local traffic laws and regulations.
- Avoid riding on steep slopes exceeding 30 degrees.
- Keep fingers and hair away from moving parts.
- Children should not operate this scooter without adult supervision.

PACKAGE CONTENTS

Upon unboxing, please verify that all the following items are included:

- Ruitoo M5 Pro Electric Scooter (main unit)
- Charger
- Toolkit (as specified in product details)
- User Manual (this document)
- Removable Seat Assembly
- Storage Box
- Keys (for ignition and storage box)

SETUP AND INITIAL ASSEMBLY

1. Unfolding the Scooter

1. Carefully remove the scooter from its packaging.
2. Locate the folding mechanism latch near the base of the handlebar stem.
3. Release the latch and gently lift the handlebar stem until it locks into the upright position. Ensure it is securely locked.

2. Attaching the Seat and Storage Box

The M5 Pro comes with a removable seat and storage box for added convenience.

1. Align the seat post with the mounting bracket on the scooter's deck.
2. Insert the seat post and secure it with the provided fasteners using the toolkit.
3. Attach the storage box to its designated mounting points, typically located behind the seat. Ensure it is firmly attached.

Removable Seat and Tailgate



Image: Detailed view of the removable seat and storage box, illustrating how they attach to the scooter's frame.

3. Initial Charging

Before your first ride, fully charge the scooter's battery.

1. Locate the charging port on the scooter.
2. Connect the charger to the scooter, then plug the charger into a standard wall outlet.
3. The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
Charging typically takes 7 hours.
4. Disconnect the charger once fully charged.

OPERATING INSTRUCTIONS

1. Controls and Display

Familiarize yourself with the scooter's controls and the smart LCD display.

Foldable Design



Image: Close-up of the M5 Pro's handlebar, showing the LCD screen, brake lever, headlight switch, horn button, turn signal controls, and acceleration throttle.

- **LCD Screen:** Displays real-time data such as speed, battery level, and driving mode.
- **Power Button:** Press to turn the scooter on/off.
- **Acceleration Throttle:** Located on the right handlebar, twist to accelerate.
- **Brake Levers:** Located on both handlebars, activate the front and rear disc brakes.
- **Headlight Switch:** Controls the front headlights.
- **Horn Button:** Activates the scooter's horn.
- **Turn Signal Controls:** Activates left or right turn signals.

2. Riding Modes

The M5 Pro offers 3 adjustable speed modes (Low/Medium/High) for different riding conditions. Refer to the LCD display

and control buttons to switch between modes.

3. Folding for Transport

The scooter features a convenient folding design for easy transport and storage.



Image: The M5 Pro scooter in its folded configuration, demonstrating its portability for storage in a car trunk, bus, or subway.

1. Ensure the scooter is powered off.
2. Locate the folding release mechanism, typically a lever or button near the base of the handlebar stem.
3. Activate the mechanism and carefully fold the handlebar stem down towards the deck until it latches securely.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Ruitoo M5 Pro scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse any part of the

scooter in water.

- **Tire Pressure:** Check tire pressure regularly. The 11-inch pneumatic tires require proper inflation for optimal performance and safety. Refer to the tire sidewall for recommended PSI.
- **Brake System:** Inspect the front and rear disc brakes periodically for wear. Ensure brake levers engage smoothly and provide adequate stopping power. Adjust or replace brake pads as needed.
- **Battery Care:**
 - Charge the battery fully before long periods of storage.
 - Store the scooter in a cool, dry place.
 - Avoid completely draining the battery before recharging.
- **Fasteners:** Periodically check and tighten all screws and bolts, especially on the folding mechanism, wheels, and handlebar.
- **Suspension:** The hydraulic damping system is designed for durability, but inspect for any visible damage or leaks.



Image: Illustration highlighting the dual hydraulic suspension and the dual disc braking system, crucial components for ride comfort and

TROUBLESHOOTING

This section addresses common issues you might encounter with your M5 Pro scooter.

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery; Power button not pressed correctly; Loose connections.	Charge the battery fully. Press and hold the power button. Check all visible cable connections.
Reduced range or speed.	Low tire pressure; Overloaded; Battery degradation; Riding uphill frequently.	Inflate tires to recommended PSI. Ensure load is within limits. Charge battery fully. Adjust riding style.
Brakes feel weak.	Worn brake pads; Loose brake cable; Air in hydraulic system.	Inspect and replace brake pads. Adjust brake cable tension. Consult a professional for hydraulic system bleeding.
Unusual noises during operation.	Loose components; Debris in wheels/motor; Worn bearings.	Check all fasteners. Inspect wheels and motor for obstructions. If noise persists, seek professional service.

SPECIFICATIONS

Key technical specifications for the Ruitoo M5 Pro Electric Scooter:

Feature	Detail
Model Name	M5 Pro
Motor Power	1600W Brushless Motor
Battery	48V/18.2Ah Lithium-ion
Max Speed	34 MPH (55 km/h)
Max Range	70-80 KM (43-50 miles)
Max Load Capacity	264 LBS (120 kg)
Wheel Size	11 Inches (Pneumatic)
Suspension Type	Hydraulic Suspension (Front & Rear)
Brake Style	Front & Rear Disc Braking
Frame Material	Aluminum
Product Dimensions (LxWxH)	49"L x 23"W x 48"H (124.5 x 58.4 x 122 cm)

Feature	Detail
Item Weight	77 Pounds (35 kg)
Charging Time	7 Hours
Special Features	Adjustable Handlebar Height, Digital Display, Dual Braking System, Seat, Wide Platform



Image: Visual representation of the 1600W brushless motor and its capability to handle inclines up to 30 degrees.



Image: Diagram showing the 48V/18.2Ah battery and its impressive 70-80KM range per charge.

WARRANTY AND SUPPORT

Warranty Information

The Ruitoo M5 Pro Electric Scooter comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty claims, or spare parts, please contact Ruitoo customer support. You can visit the official Ruitoo store on Amazon for more information and contact options:

**Visit the Ruitoo Store on
Amazon**

When contacting support, please have your scooter's model number (M5 Pro) and purchase details ready.



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