



Manuals.plus /

› Motus /

› Motus Scooty 10 Lite 2022 Electric Scooter User Manual

Motus Scooty 10 Lite 2022

Motus Scooty 10 Lite 2022 Electric Scooter User Manual

Model: Scooty 10 Lite 2022

1. INTRODUCTION AND SAFETY GUIDELINES

Thank you for choosing the Motus Scooty 10 Lite 2022 Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your scooter. Please read this manual thoroughly before your first ride to ensure proper use and to prevent accidents or damage.

Important Safety Information

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Observe all local traffic laws and regulations. Riding on public roads may be restricted in some areas.
- Do not ride in wet conditions, heavy rain, or through puddles. Water damage is not covered by warranty.
- Ensure the scooter is fully charged and all components are securely fastened before each use.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid sudden braking, especially at high speeds, to prevent loss of control.
- The maximum weight capacity for this scooter is 120 kg. Do not exceed this limit.
- This scooter is designed for individuals aged 14 and above.

2. PACKAGE CONTENTS

Please check the contents of your package carefully. If any items are missing or damaged, contact your retailer.

- Motus Scooty 10 Lite 2022 Electric Scooter
- Power Charger

3. SCOOTER COMPONENTS OVERVIEW

Familiarize yourself with the main parts of your Motus Scooty 10 Lite 2022 Electric Scooter.



Figure 3.1: Side view of the Motus Scooty 10 Lite 2022 Electric Scooter, showing the deck, wheels, and handlebar assembly.



Figure 3.2: Front 3/4 view of the scooter, highlighting the front wheel and handlebar.

- **Handlebar:** Controls steering and houses the display, throttle, and brake lever.
- **LCD Display:** Shows speed, battery level, and speed mode.
- **Throttle:** Accelerates the scooter.
- **Brake Lever:** Activates the rear brake.
- **Front Light:** Provides illumination for night riding.
- **Folding Mechanism:** Allows the scooter to be folded for portability and storage.
- **Deck:** The platform where the rider stands.
- **Kickstand:** Supports the scooter when parked.
- **10-inch Wheels:** Provide a smooth ride.
- **Rear Brake:** Disc brake system for effective stopping.
- **Rear Fender & Taillight:** Protects from splashes and enhances visibility.



Figure 3.3: Close-up view of the handlebar, showing the LCD display, throttle, and brake lever.

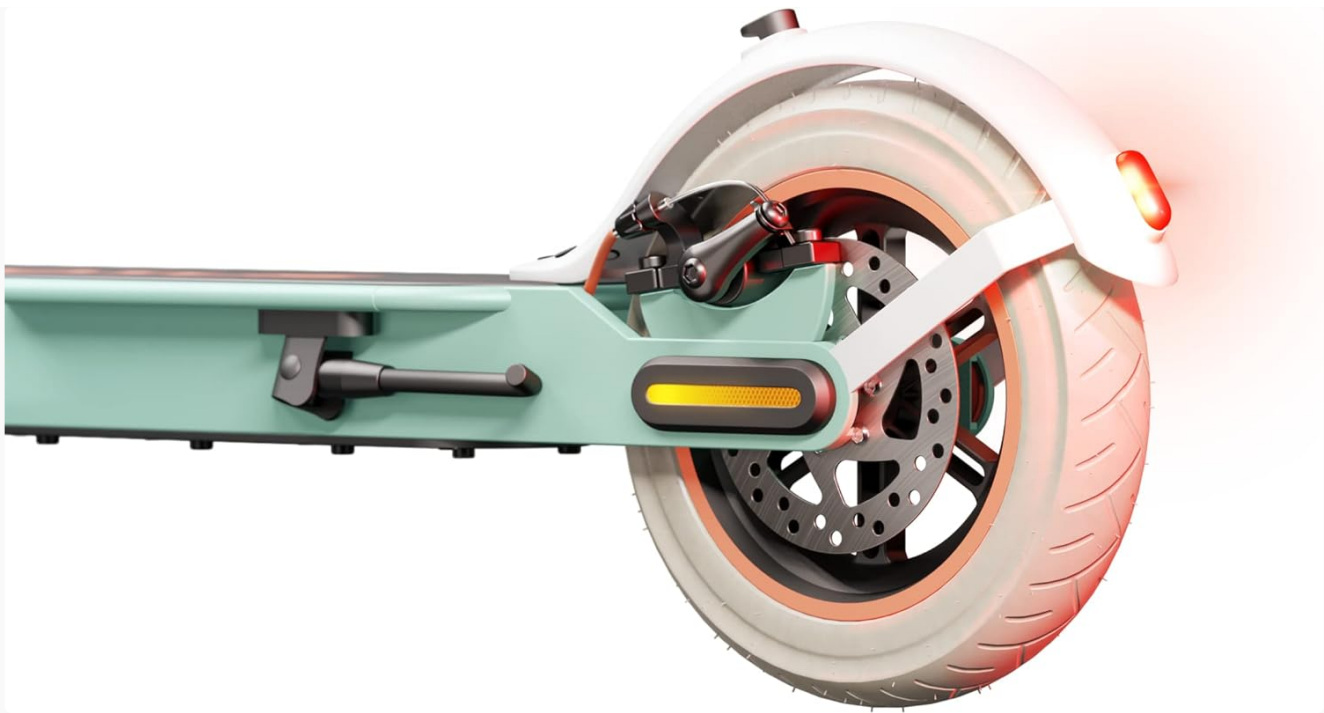


Figure 3.4: Detailed view of the rear wheel and disc brake system.

4. SETUP AND INITIAL PREPARATION

4.1 Unpacking and Assembly

1. Carefully remove the scooter and all accessories from the packaging.
2. Lift the handlebar stem until it locks into the upright position. Ensure the folding mechanism is securely latched.
3. Attach the handlebars to the stem, ensuring they are aligned and tightened with the provided tools.

4.2 Initial Charging

Before first use, fully charge the scooter's battery.

- Locate the charging port, usually on the side of the deck.
- Connect the charger to the charging port, then plug the charger into a power outlet.
- The indicator light on the charger will typically turn red during charging and green when fully charged.
- Charging time may vary, but typically takes several hours for a full charge. Do not overcharge.

4.3 Tire Pressure Check

Ensure tires are properly inflated for optimal performance and safety.

- Check the recommended tire pressure (usually printed on the tire sidewall or in the specifications section).
- Use a suitable pump to inflate the 10-inch tires to the correct pressure.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on: Press and hold the power button on the LCD display for a few seconds. The display will light up.

- To power off: Press and hold the power button again until the display turns off.

5.2 Riding the Scooter

1. Place one foot firmly on the deck.
2. Use your other foot to push off the ground, gaining some initial momentum.
3. Once you have momentum, gently press the throttle to engage the motor.
4. Place your second foot on the deck and maintain balance.

5.3 Speed Modes

The Motus Scooty 10 Lite 2022 features 3 speed levels. You can switch between them by pressing the power button briefly while the scooter is on.

- **Mode 1 (Eco):** Lower speed for beginners or extended range.
- **Mode 2 (Standard):** Balanced speed for everyday commuting.
- **Mode 3 (Sport):** Maximum speed for experienced riders.

5.4 Braking

To slow down or stop, gently squeeze the brake lever on the handlebar. The scooter is equipped with a rear braking system.

- Apply the brake smoothly to avoid sudden stops.
- For emergency stops, apply the brake firmly while maintaining balance.

5.5 Folding the Scooter

The scooter can be folded for easy transport and storage.

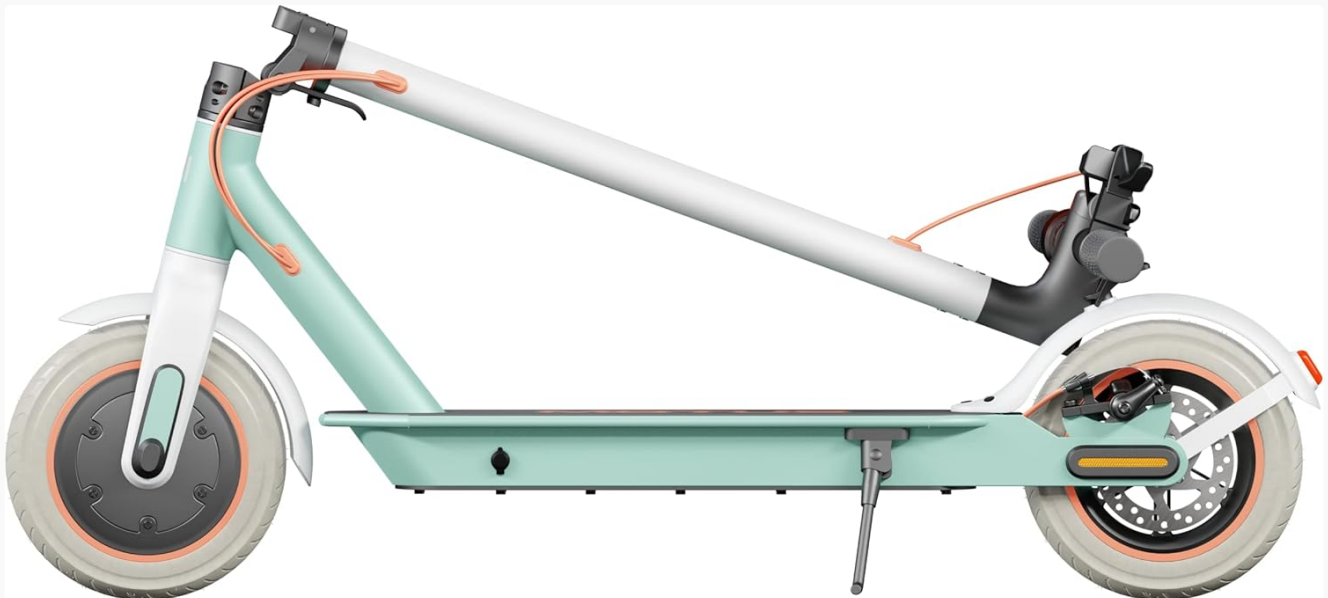


Figure 5.1: Side view of the Motus Scooty 10 Lite 2022 Electric Scooter in its folded state.

1. Ensure the scooter is powered off.
2. Locate the folding latch mechanism at the base of the handlebar stem.
3. Follow the instructions specific to the folding latch to release the stem.
4. Carefully fold the handlebar stem down towards the rear wheel until it clicks into place.

6. MAINTENANCE

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

6.1 Cleaning

- Wipe the scooter with a damp cloth. Do not use high-pressure water jets or corrosive cleaners.
- Ensure the charging port cover is securely closed before cleaning.

6.2 Battery Care

- Charge the battery regularly, even if the scooter is not in use, to maintain battery health.
- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery to approximately 50-70% every 1-2 months.

6.3 Tire Maintenance

- Regularly check tire pressure and inflate to the recommended PSI.
- Inspect tires for wear, punctures, or damage before each ride.

6.4 Brake Inspection

- Periodically check the brake lever for proper tension and responsiveness.
- Ensure the brake pads are not excessively worn. Consult a professional for brake adjustments or replacements.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Scooter does not turn on	Low or depleted battery Loose battery connection Power button malfunction	Charge the battery fully Check battery connections (if accessible) Contact customer support
Reduced range or power	Low tire pressure Battery degradation Riding conditions (hills, heavy load)	Inflate tires to recommended pressure Ensure full charge, consider battery replacement if old Adjust riding style
Brakes feel weak or loose	Brake cable needs adjustment Worn brake pads	Adjust brake cable tension Inspect and replace brake pads if necessary
Unusual noises during operation	Loose components Debris in wheels/motor Motor issue	Check all screws and fasteners Inspect wheels and motor area for foreign objects Contact customer support

8. SPECIFICATIONS

Technical details for the Motus Scooty 10 Lite 2022 Electric Scooter.

Feature	Detail
Model	Motus Scooty 10 Lite 2022
Brand	Motus
Wheel Size	10 Inches
Battery Type	Lithium-ion
Battery Capacity	36V 7.8Ah (280Wh)
Max Range	Up to 30 km
Max Weight Capacity	120 Kilograms
Braking System	Rear Braking
Frame Material	Aluminum / Metal
Speed Levels	3 Levels
Display	LCD Screen
Product Dimensions (L x W x H)	24 x 69 x 2.5 cm (likely folded/packaged)
Product Weight	14.24 Kilograms
Recommended Age	Youth (14+)