mytoys MT560

Mytoys MT560 Electric Scooter Instruction Manual

Model: MT560

1. Introduction

Welcome to the Mytoys MT560 Electric Scooter instruction manual. This document provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before first use to ensure proper assembly and to maximize your riding experience.



Figure 1: Mytoys MT560 Electric Scooter, showcasing its sleek design and 10-inch pneumatic tires.

2. Safety Information

Operating an electric scooter carries inherent risks. To ensure your safety and the safety of others, always adhere to the following guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Do not ride in adverse weather conditions, such as heavy rain or snow. The scooter has IPX5 water resistance for core parts, but it is not fully waterproof.
- Avoid riding on slippery surfaces, uneven terrain, or steep inclines.
- Maintain a safe distance from other vehicles, pedestrians, and obstacles.
- Do not allow children under the recommended age to operate the scooter.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and overall stability.
- Do not operate the scooter under the influence of alcohol or drugs.

3. Setup and Assembly

The Mytoys MT560 Electric Scooter comes largely pre-assembled. Follow these steps for initial setup:

1. **Unfolding the Scooter:** Carefully lift the handlebar stem until it locks into the upright position. Ensure the folding mechanism is securely latched.
2. **Handlebar Attachment:** If the handlebars are detached, align them with the stem and secure them using the provided screws.
3. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port and a power outlet. The charging indicator will change when fully charged.
4. **Tire Check:** Verify that the 10-inch pneumatic tires are adequately inflated to the recommended pressure.



Figure 2: The Mytoys MT560 Electric Scooter in its folded state, demonstrating its portability.

4. Operating Instructions

Operating your Mytoys MT560 Electric Scooter is intuitive. Follow these steps for a smooth ride:

4.1 Power On/Off

Press and hold the power button on the LED dashboard to turn the scooter on or off.

4.2 Riding Modes

The MT560 offers multiple riding modes accessible via the intuitive LED dashboard:

- **Eco Mode:** For extended range and energy efficiency.

- **Drive Mode:** Balanced performance for everyday commuting.
- **Sport Mode:** Maximum speed (up to 45 km/h) and acceleration.
- **Pedestrian Mode:** Allows you to walk alongside the scooter at a slow pace.

4.3 Braking System

The MT560 features a dual braking system for enhanced safety and control:

- **Front Wheel Mechanical Drum Brake:** Provides reliable stopping power.
- **Back Wheel Regenerative Electric Brake:** Recovers energy during braking, extending battery life.

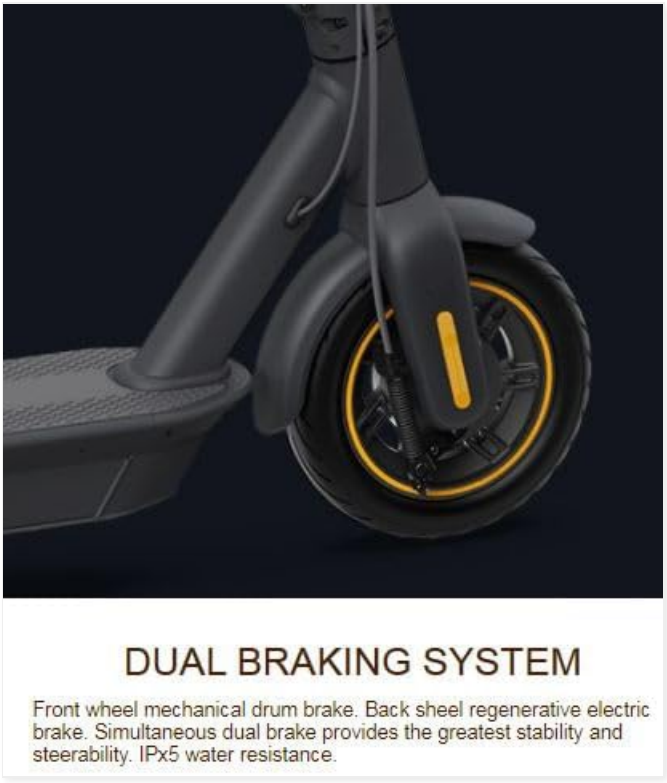


Figure 3: Illustration of the dual braking system, highlighting the front drum brake and rear regenerative electric brake.



Figure 4: Detailed view of the regenerative braking system, which recycles energy back into the battery.

4.4 Lights

The scooter is equipped with built-in front and back LED lights for improved visibility, especially during low-light conditions. Activate them via the dashboard controls.

5. Key Features

The Mytoys MT560 Electric Scooter is designed with advanced features for a superior riding experience:

- **Extended Range:** Boasts a class-leading mileage range of up to 50 km on a single charge.
- **Robust 10-inch Pneumatic Tires:** Equipped with self-healing tires capable of withstanding multiple punctures (less than 6mm in diameter) without immediate deflation, enhancing safety and reducing maintenance.
- **Water Resistance:** Core parts feature IPX7 and IPX5 water resistance, providing durability against splashes and light rain.
- **One-Push Folding Frame:** Allows for quick and easy folding in approximately 3 seconds, making it highly portable for storage or transport.
- **Integrated LED Lights:** Front and rear LED lights ensure visibility and safety during night rides.

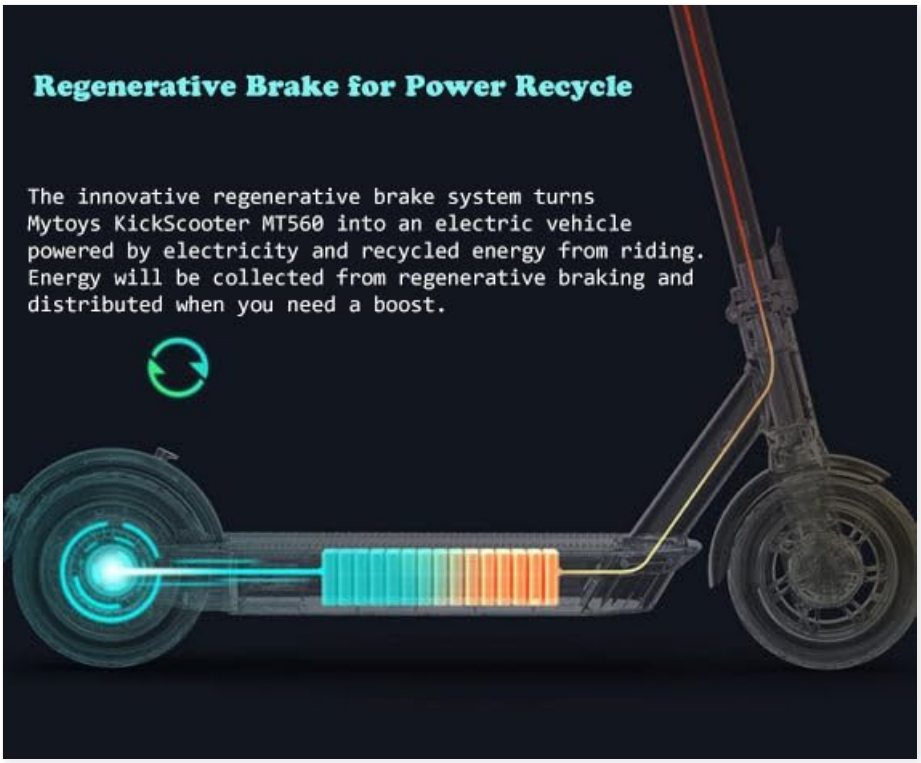


Figure 5: Close-up of the 10-inch pneumatic tire, highlighting its robust design and self-healing properties.



Figure 6: The MT560 KickScooter demonstrating its one-step folding mechanism for easy portability and storage.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Mytoys MT560 Electric Scooter:

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using high-pressure water jets directly on electronic components.
- **Tire Pressure:** Regularly check and maintain the recommended tire pressure for optimal ride quality and battery efficiency.
- **Brake Inspection:** Periodically inspect the brake levers, cables, and pads for wear and proper function. Adjust or replace as needed.
- **Battery Care:**
  - Charge the battery fully before long-term storage.
  - Avoid completely draining the battery before recharging.
  - Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Fasteners:** Check all screws and bolts regularly to ensure they are tight.

7. Troubleshooting

If you encounter issues with your Mytoys MT560 Electric Scooter, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose power connection; Faulty power button	Charge the battery; Check all connections; Contact support if button is unresponsive

Problem	Possible Cause	Solution
Reduced range or speed	Under-inflated tires; Overloaded scooter; Battery degradation; Riding uphill frequently	Inflate tires to recommended pressure; Reduce load; Ensure full charge; Adjust riding style
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable)	Inspect and replace brake pads; Adjust brake cable tension; Consult a professional for hydraulic systems
Unusual noises during operation	Loose components; Debris in wheels; Motor issue	Check all fasteners; Inspect wheels for foreign objects; Contact support if motor noise persists

If the problem persists after attempting these solutions, please contact Mytoys customer support for further assistance.

8. Specifications

Detailed technical specifications for the Mytoys MT560 Electric Scooter:

Feature	Detail
Model Name	MT560
Brand	mytoys
Max Speed	Up to 45 km/h
Mileage Range	Up to 50 km
Wheel Size	10 Inches
Wheel Type	Pneumatic (Self-healing)
Frame Material	Aluminum
Braking System	Front Mechanical Drum Brake, Rear Regenerative Electric Brake
Water Resistance	IPX7 (core parts), IPX5 (overall)
Features	Foldable, Built-in Front and Back LED Lights
Product Dimensions	115 x 47 x 120 cm
Item Weight	41 Kilograms
Batteries	1 Lithium Ion battery (included)
Recommended Use	Urban commuting

9. Warranty and Support

For information regarding the product warranty, please refer to the warranty card included with your purchase or contact the retailer where the Mytoys MT560 Electric Scooter was acquired. For technical support, spare parts, or service inquiries, please visit the official Mytoys website or contact their customer service department. Keep your proof of purchase for warranty claims.

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