

## SPEEDY WHEELS MB1 Pro

# SPEEDY WHEELS Speedywheels MB1 Pro Electric Motobike User Manual

Model: MB1 Pro

## 1. INTRODUCTION AND OVERVIEW

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The SPEEDY WHEELS Speedywheels MB1 Pro is an electric motobike designed for efficient and stylish urban commuting. It features a powerful 500W nominal motor (700W peak), capable of reaching speeds up to 60 km/h. The 48V 12Ah lithium-ion battery provides an autonomy of up to 60 km per charge, with a full recharge time of approximately 8 hours. This motobike is equipped with 14-inch tubeless tires and a dual front and rear suspension system for enhanced comfort and stability on various terrains. Safety features include LED front lighting and directional lights with sound. A digital display allows real-time speed monitoring. Constructed with a solid aluminum frame, it supports a maximum load of 150 kg, making it suitable for carrying an additional passenger. The MB1 Pro offers a balance of power, range, and comfort for an eco-friendly transportation solution.



Figure 1.1: The Speedywheels MB1 Pro Electric Motobike, showcasing its design and features.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before operating the Speedywheels MB1 Pro. Failure to follow these instructions may result in serious injury or damage to the motobike.

- Always wear a helmet and appropriate safety gear (gloves, knee pads, etc.) when riding.
- Ensure all components are securely fastened and in good working order before each ride.
- Check tire pressure and brake functionality regularly.
- Do not operate the motobike under the influence of alcohol or drugs.
- Adhere to local traffic laws and regulations.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice).
- Do not exceed the maximum load capacity of 150 kg.
- Keep hands and feet away from moving parts.
- Charge the battery in a well-ventilated area, away from flammable materials.

## 3. PACKAGE CONTENTS

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Upon unpacking, please verify that all items listed below are present and undamaged:

- SPEEDY WHEELS Speedywheels MB1 Pro Electric Motobike
- Battery Charger
- Remote Control (for anti-theft alarm)
- User Manual
- Basic Tool Kit (for assembly)

## 4. SETUP AND ASSEMBLY

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The Speedywheels MB1 Pro requires minimal assembly. Follow these steps to prepare your motobike for its first ride:

1. **Unpacking:** Carefully remove all packaging materials. Inspect the motobike for any signs of damage during transit.
2. **Handlebar Installation:** Attach the handlebars to the steering column. Ensure they are centered and tightened securely using the provided tools.
3. **Initial Battery Charge:** Before first use, fully charge the battery. Connect the charger to the motobike's charging port and then to a standard power outlet. The indicator light on the charger will change when charging is complete (typically 8 hours).
4. **Tire Pressure Check:** Verify that the tubeless tires are inflated to the recommended pressure, usually indicated on the tire sidewall.
5. **Brake Adjustment:** Test both front and rear brakes to ensure they engage smoothly and effectively. Adjust cable tension if necessary.
6. **Remote Control Pairing:** If the remote control is not pre-paired, follow the instructions in the remote control's specific manual to pair it with the motobike's anti-theft system.

# MOTOBICI ELÉCTRICA



Autonomía  
máxima **≤60 km**



Motor de  
**700W**



Display  
*integrado*



Llantas de **14"**



Batería de  
**48V/12.5Ah**



Figure 4.1: Overview of key features including battery, motor, display, and tires, relevant for initial setup and understanding components.

## 5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your Speedywheels MB1 Pro for a safe and enjoyable ride.

### 5.1 Powering On/Off

- To power on, insert the key into the ignition and turn it to the 'ON' position. The digital display will illuminate.
- To power off, turn the key to the 'OFF' position and remove it.

### 5.2 Digital Display

The digital display provides essential information during operation:

- **Speed Indicator:** Shows your current speed in km/h.
- **Battery Level:** Displays the remaining battery charge.
- **Odometer/Trip Meter:** Tracks total distance or current trip distance.
- **Light Indicator:** Shows when headlights are active.

## 5.3 Riding

- Once powered on, gently twist the throttle on the right handlebar to accelerate.
- Use the brake levers on both handlebars to slow down or stop. Apply both brakes simultaneously for optimal stopping power.
- Activate the LED headlight for visibility, especially in low-light conditions.
- Use the directional signals (with audible sound) when turning to alert other road users.



Figure 5.1: The motobike in motion, illustrating its speed capability for urban and inclined routes.

## 5.4 Anti-theft Alarm

The motobike is equipped with an intelligent anti-theft alarm system controlled by the remote.

- Press the lock button on the remote to arm the alarm. Any movement or tampering will trigger an audible alert.
- Press the unlock button to disarm the alarm.
- Refer to the remote control's specific instructions for advanced features.

# CONTROL REMOTO

Control inteligente con alarma antirrobo



Figure 5.2: The remote control for the intelligent anti-theft alarm system, providing enhanced security for the motobike.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Speedywheels MB1 Pro.

- **Battery Care:**

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery.
- Store the motobike and battery in a cool, dry place.

- **Tire Maintenance:**

- Check tire pressure weekly and inflate to the recommended PSI.
- Inspect tires for wear, cuts, or punctures.

- **Brake System:**

- Regularly inspect brake pads for wear and replace them when necessary.
- Ensure brake levers operate smoothly and return to their original position.
- Check brake cables for fraying or damage.

#### • General Cleaning:

- Clean the motobike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- Do not use abrasive cleaners or solvents.

#### • Suspension:

- Periodically check the front and rear suspension for proper function and lubrication.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Speedywheels MB1 Pro.

Problem	Possible Cause	Solution
Motobike does not power on.	Battery is low or depleted. Key is not in 'ON' position.	Charge the battery fully. Ensure the key is turned to 'ON'.
Reduced range or power.	Battery not fully charged. Overloaded motobike. Low tire pressure.	Ensure battery is fully charged. Do not exceed max load. Check and inflate tires.
Brakes feel weak or spongy.	Worn brake pads. Loose brake cables.	Inspect and replace brake pads. Adjust brake cable tension.
Alarm not responding to remote.	Remote battery low. Remote not paired.	Replace remote battery. Re-pair remote control (refer to remote manual).

## 8. SPECIFICATIONS

Detailed technical specifications for the Speedywheels MB1 Pro Electric Motobike.

Feature	Specification
Motor Power	500W Nominal (700W Peak)
Max Speed	Up to 60 km/h
Battery Type	48V 12Ah Lithium-ion
Max Range	Up to 60 km (per charge)
Charging Time	Approximately 8 hours
Tire Size	14-inch Tubeless
Suspension	Front and Rear
Max Load Capacity	150 kg
Frame Material	Aluminum

Feature	Specification
Lighting	LED Front Light, Directional Lights with Sound
Display	Digital Display



Figure 8.1: Visual representation of key technical data including HD display, max load, tire size, and LED illumination.

## 9. WARRANTY AND SUPPORT

SPEEDY WHEELS products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to your purchase documentation for specific warranty terms and duration.

For technical support, warranty claims, or spare parts, please contact SPEEDY WHEELS customer service through the retailer where the product was purchased or visit the official SPEEDY WHEELS website for contact information.

When contacting support, please have your product model (MB1 Pro) and purchase date readily available.

