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› WEELMOTION Hoverboard User Manual

WEELMOTION WM-11

WEELMOTION Hoverboard User Manual

Model: WM-11

Thank you for choosing WEELMOTION. Please read this manual carefully before use to ensure safe and optimal operation.

1. INTRODUCTION

The WEELMOTION 6.5" Self-Balancing Electric Vehicle is a state-of-the-art personal transporter designed for fun and efficient movement. Equipped with dual 200W brushless motors, LED front lights, and a built-in music speaker, it offers a dynamic riding experience. This hoverboard is UL 2272 certified, ensuring high safety standards.



Image: The WEELMOTION 6.5" Self-Balancing Electric Vehicle in blue, showcasing its sleek design and integrated lights.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to these guidelines.

- **UL 2272 Certified:** This hoverboard has undergone rigorous testing and is UL 2272 certified for electrical and fire safety.
- **Weight Limits:** Supported weight range is a minimum of 40 lbs (18 kg) to a maximum of 220 lbs (100 kg). Do not exceed these limits.
- **Age Recommendation:** While the product is listed for adults, supervision is recommended for younger riders.
- **Protective Gear:** Always wear a helmet, knee pads, elbow pads, and wrist guards when riding.
- **Riding Environment:** Ride on smooth, dry surfaces. Avoid wet conditions, steep inclines (max climbing angle 12°), and uneven terrain.
- **No Fall Technology:** The built-in no fall technology assists beginners, but caution is still advised.
- **Safety Features:** Equipped with Overheat Protection, Short Circuit Protection, Fire Protection Shell, and Over-speed alert for enhanced safety.
- **Awareness:** Be aware of your surroundings, pedestrians, and other vehicles.

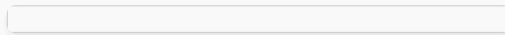


Image: Visual representation of the hoverboard's safety features including advanced chip, smart sensor, no fall technology, UL 2272 certification, overheat protection, non-slip pedal, fire protection shell, and over-speed alert.

3. SETUP

3.1. Initial Charging

Before first use, fully charge your hoverboard. The Lithium-Ion battery is included and requires charging with the provided charger.

1. Connect the charger to the charging port on the hoverboard.
2. Plug the charger into a standard wall outlet.
3. The indicator light on the charger will change (e.g., from red to green) when charging is complete.
4. Unplug the charger once fully charged to prevent overcharging.

LONG LASTING **JOY**

-  **36V BATTERY**
-  **10KM RIDING**
-  **UL 2272 CERTIFIED**
-  **OVERHEAT PROTECTION**



Image: The hoverboard alongside a battery icon and UL 2272 certification, highlighting its long-lasting battery and safety features.

3.2. Bluetooth Speaker Pairing

The hoverboard features a built-in music speaker for entertainment during your ride.

1. Turn on the hoverboard.
2. Enable Bluetooth on your portable device (smartphone, tablet, etc.).
3. Search for available Bluetooth devices and select the hoverboard (usually named 'WEELMOTION' or similar).
4. Once paired, you can play your favorite music through the hoverboard's speaker.

SHINE YOUR WAY

VIBRANT LIGHT SHINES
AS YOU RIDE



The ISED Certification Number: 29383-D02
Hardware Version Identification Number (HVIN): D02

Image: The hoverboard with glowing wheels and musical notes, illustrating its wireless speaker and vibrant LED lights.

4. OPERATING INSTRUCTIONS

4.1. Basic Riding

The WEELMOTION hoverboard utilizes a gyroscope stabilization system for intuitive control.

1. **Mounting:** Place one foot firmly on a footpad, then quickly step up with the other foot. Maintain balance by keeping your body upright.
2. **Moving Forward/Backward:** Lean slightly forward to move forward, and lean slightly backward to move backward.
3. **Turning:** To turn left, press down slightly with your right foot. To turn right, press down slightly with your left foot.
4. **360° Rotation:** To rotate in place, push one foot forward and the other backward simultaneously.

5. **Dismounting:** Step off backward, one foot at a time, ensuring the hoverboard is stable.

RIDE WITH EASE



SELF-BALANCE MODE
BEGINNER FRIENDLY



GO-KART MODE
MORE FUN



- **NO-FALL TECH**
- **SMART-SENSOR**



- **EASILY COMPATIBLE
WITH HOVER-KART**

HOVER GO-KART IS NOT INCLUDED

Image: The hoverboard demonstrating its self-balance mode and compatibility with a hover-kart (hover-kart not included).

4.2. Performance

- **Speed:** Up to 10 km/hr (6.21 mph).
- **Range:** Up to 8-10 kms (5-6 miles) per charge, depending on terrain, rider weight, and riding style.
- **Motor:** Dual 200W brushless motors.
- **Lights:** Front LED lights illuminate the path, and shining wheels add visual appeal.

EMPOWER YOUR RIDE

400W DUAL MOTOR
MAX 220LB

MAX 12° CLIMB
MAX 10KM/H



Image: An exploded view of the hoverboard's wheel and motor, detailing its 400W dual motor, max 220lb weight capacity, max 12° climb angle, and max 10km/h speed.

5. MAINTENANCE

5.1. Cleaning

Use a soft, damp cloth to wipe down the hoverboard. Do not use harsh chemicals or abrasive cleaners. Ensure the charging port is dry before charging.

5.2. Battery Care

- Charge the battery regularly, even if not in use, to maintain battery health.
- Avoid completely draining the battery.

- Store the hoverboard in a cool, dry place away from direct sunlight and extreme temperatures.

5.3. Tire and General Inspection

The hoverboard comes with 6.5-inch solid tires, which require minimal maintenance. Periodically inspect the hoverboard for any loose parts, damage, or unusual wear. Ensure footpads are clean and provide good grip.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hoverboard not turning on	Low battery; Power button not pressed correctly	Charge the hoverboard fully; Press and hold the power button firmly.
Not balancing correctly	Calibration issue; Uneven surface	Turn off, place on a flat surface, hold power button for 5-10 seconds until lights flash, then release and restart. Ensure you are on a level surface.
Bluetooth speaker not connecting	Bluetooth not enabled; Device too far; Already connected to another device	Ensure Bluetooth is on; Keep device close; Disconnect from other devices.
Short battery life	Battery not fully charged; Riding on inclines/rough terrain; Overweight rider	Ensure full charge; Ride on flat, smooth surfaces; Check rider weight against limits.

7. SPECIFICATIONS

Feature	Detail
Model Number	WM-11
Product Dimensions	59.5 x 18.5 x 18 cm
Item Weight	6.8 kg (15 lbs)
Maximum Weight Capacity	220 lbs (100 kg)
Minimum Weight Capacity	40 lbs (18 kg)
Motor Wattage	200 watts (Dual Motors)
Wheel Size	6.5 Inches (Solid Tires)
Maximum Speed	10 km/hr (6.21 mph)
Maximum Climbing Angle	12°

Feature	Detail
Battery Type	Lithium-Ion (1 included)
Brake Type	Regenerative braking
Frame Material	Fireproof Plastic or Composite
Included Components	Hoverboard, Charger, Complimentary Hoverboard Bag
Color	Blue

8. WARRANTY AND SUPPORT

WEELMOTION stands behind the quality of its products. For any warranty claims, technical support, or inquiries, please contact our customer service team.

- **Customer Service Email:** support@weelmotion.co
- Please provide your model number (WM-11) and purchase details when contacting support.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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