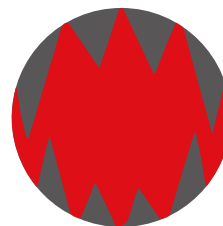




Magic - Inmotion



USER MANUAL

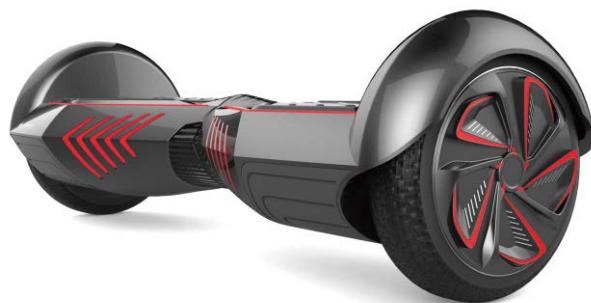


**MONSTER
WHEEL**



MONSTER WHEEL

LIVE ON
THE EDGE



WARNING: *READ THIS MANUAL PRIOR TO RIDING THE MONSTER WHEEL*

PREFACE >>

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Instruction before driving

For the best experience, we want you to stay safe. Read this entire user manual prior to riding the Monster Wheel. Always wear safety gear. Watch out for hazards. Get familiar with the way the Monster Wheel works before riding.

- Do not tamper with or separate any component. This could lead to abnormal performance and can affect the safety or even destroy the Monster Wheel. Property damage or injury may occur and is not covered by company warranty.
- Never ride the Monster Wheel on an uneven road or surface. Any bump can be a major hazard.
- Never jump off your Monster Wheel.
- Read the dismount instructions to avoid injury.

Safe Riding

- Do not ride if injured, pregnant, or incapable of riding safely
- Do not ride while under the influence of drugs or alcohol
- Keep body and clothing away from moving parts
- Maximum weight: 220 lbs.
- Minimum weight: 45 lbs.

Warning: Always charge the battery before each use. **NEVER RIDE ON LOW BATTERY**

Distance per Battery Charge will be affected by:

- Terrain (smooth, flat surfaces will extend ride time/distance)
- Rider's Weight (lighter riders will be able to use the Monster Wheel for longer periods of time)
- Gaps in Charging Battery (Charging battery regularly will improve efficiency)
- Acceleration (Maintain moderate speeds and avoid rapid acceleration or deceleration to extend ride time/distance)

Speed Information:

- Maximum Speed: 6.2 MPH (10km/h)
- It is not recommended to ride at maximum speed; excess speed could result in loss of balance, personal injury or accident.
- Watch out for bumps, cracks and other road obstructions while riding.
- Torque output will automatically adjust while riding uphill or downhill for safety



Warning: When learning how to ride the Monster Wheel, use help when mounting and dismounting to prevent loss of balance and injury.



Remote control

The Monster Wheel is equipped with a remote control that will work up to 16 feet (5 meters)



Off Switch: Hold to turn the Monster Wheel off

On Switch: Press to turn the Monster Wheel on

Lock: If SMART isn't on riding situation when power on, long press will lock any operation; press again in unlock situation with DUDU alert, then SMART enter the standby statue in red lights.

Alert: Press this button for a beep to confirm that it is on

Footpad Sensors:

- The Monster Wheel is equipped with four sensors under the footpads. The Footpads sense pressure causing the wheels to turn in that direction.
- Even pressure on the footpads (keeping the foot panel flat) will allow you to stand still
- Forward pressure on one footpad and backward pressure on the other footpad will cause the Monster Wheel to spin, whereas equal pressure in the same direction will cause the Monster Wheel to move in that direction.
- Always ride with your feet evenly on the footpad.
- Only use your own feet to apply pressure to the footpads. Avoid contact from baggage or other body parts with the footpads.

Indicator Lights:

The indicator lights are located in the middle of the Monster Wheel.

Left Indicator Lights (See Figure A):

- Green lights indicates no errors in operating system
- Red lights indicate error in operating system. Turn off and then turn on.
If red lights persist call Monster Wheel customer support.

Right Indicator Lights (See Figure B):

- 3 Green lights indicate a full battery
- 2 Green lights indicate medium battery level
- Red lights indicate low battery

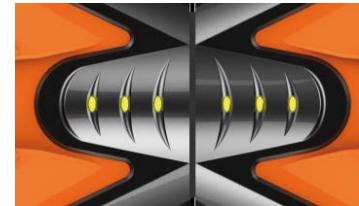


Fig. A

Fig. B



**Warning: DO NOT RIDE ON LOW BATTERY.
CHARGE BATTERY IMMEDIATELY BEFORE RIDING.**

Before Riding:

- Always wear appropriate safety gear including wrist guards, elbow pads, knee pads, and a helmet.
- Always wear appropriate shoes and clothes

Step 1: Turn on the Monster Wheel

Step 2: Hold onto a stable object or use a friend for help. Once you place your foot on the footpad keep the foot pad level. This will keep the wheels from turning. If wheels begin to turn, your foot is not evenly placed on the footpad.

Step 3: With your center of gravity over the Monster Wheel and even pressure on the front and back of the footpads, the Monster Wheel will remain stationary. You only need small adjustments in pressure by leaning or pressing forward or backward to activate the sensors and control your direction.

Step 4: Control the direction of the Monster Wheel by applying more pressure to one side.

Apply pressure forward with your right foot and the right platform will move forward faster allowing you to move to your left.

Step 5: DO NOT STEP OFF FORWARD. DO NOT JUMP OFF. Always step off backwards to dismount. When learning hold on to someone or some stationary object. To avoid movement by the Monster Wheel during dismount, keep the footpads flat and do not apply pressure to one side or the other.



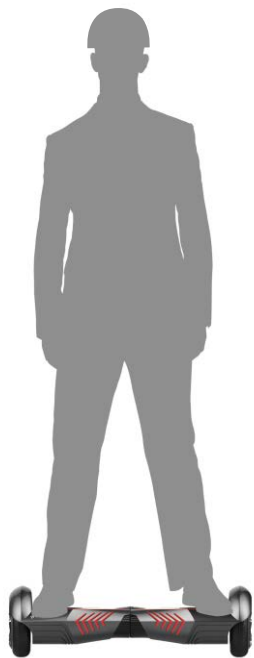
Tips: Practice dismounts with help to get used to how the Monster Wheel reacts to shifts in pressure.

Riding Tips:

- Riding through big crowds can cause injury to yourself or others
- Wear appropriate clothes and shoes for safety and enhanced ride
- Ride on flat ground with no obstructions
- Ride at slow speeds when unfamiliar with the terrain
- Do not let the Monster Wheel leave the ground



If footpad sensors are triggered while the Monster Wheel platforms are at a severe angle, the machine will alarm and indicator lights will turn on. Do not ride, reset if necessary, and try again while the Monster Wheel platforms are flat.

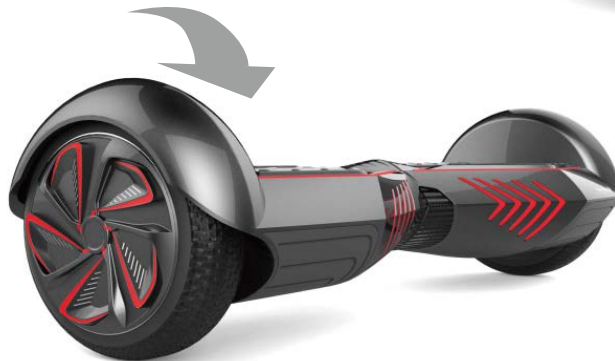


Use a wider stance for more stability

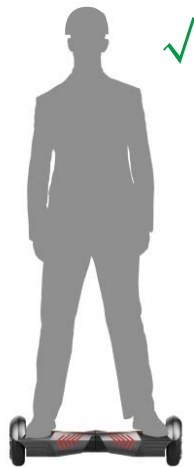
Point the left foot forward for right turn



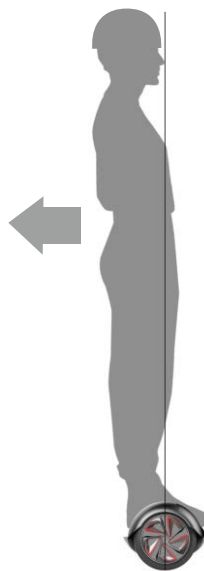
Point right foot forward for left turn



Turning operation schematic diagram



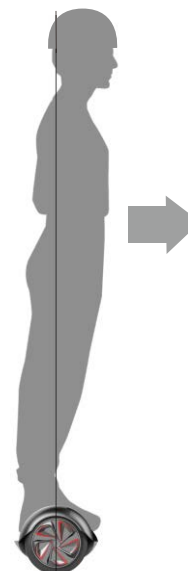
Evenly distribute weight over both feet



Move Backward



Stop



Move forward



Warning: High speeds on uneven surfaces, turns at high speeds, and turning on steep slopes can result in loss of balance and/or injury.

System Errors:

- If the Monster Wheel is tilted more than 10 degrees and rocked, the system will stop balancing, the indicator lights will turn red, and the alarm will sound.
- If the Monster Wheel is leaning more than 60 degrees, the system will turn off automatically.
- If the tire is blocked for more than 2 seconds, the system will turn off automatically.
- If the battery voltage reaches an unsafe riding level, the red indicator lights will illuminate.
- If a high current is detected, a continuous alarm will sound and the Monster Wheel will automatically turn off after 15 seconds.
- A voice alert will sound if a sudden turn or acceleration is detected.



WARNING

If any of these system errors or any other error occurs, turn off your Monster Wheel. If the problem persists after charging and restarting your Monster Wheel contact Monster Wheel customer support.

Safety Tips:

- Be sure that the Monster Wheel is in good condition before using.
- The Monster Wheel is for personal recreation and not meant to be ridden on streets or other roadways.
- Not intended for people weighing less than 88 lbs. (40kg).
- Do not ride if you are pregnant, have heart disease, hypertension, limited control over hands or feet, or anything that may limit safety while riding.
- Do not use under the influence of drugs or alcohol.
- The Monster Wheel is intended for single use. Do not ride with or carry backpacks, luggage, other people, etc.
- Observe all local laws and ordinances
- Always pay attention while riding and look out for and listen for debris or other obstacles.
- Keep your knees slightly bent to absorb uneven ground conditions.
- Make sure your feet are in contact with the footpad sensors.

- Do not ride the Monster Wheel if you weigh more than 220 lbs. (100kg).
- Always ride at safe speeds
- Keep a safe distance from other riders, pedestrians and stationary objects
- Keep in mind you are 4 inches (10 cm) taller, so be careful not to hit your head on something.
- When turning, keep weight distribution even to avoid collision or injury.
- No distracted riding including texting, phone calls, etc)
- Do not ride in wet conditions.
- Avoid riding areas with small branches, gravel, garbage, uneven surfaces and any other type of obstruction that could affect the performance and safety while riding the Monster Wheel.
- Ride in well lit environment. Riding in the dark can result in injury.
- Do not suddenly start and stop while riding.

This section will give you important information about charging and maintaining your battery. This information may help you increase battery performance and ensure safety.

LOW BATTERY

When you find the battery indicator light with only one light illuminated, it is lacking power and you should stop riding immediately. Continuing riding could result in injury.

- Do not continue use if you detect odor, smoke or liquid substance leaking from the Monster Wheel. Do not touch substance. Only a certified technician should disassemble and maintain Monster Wheel.
- Do not let kids and pets touch the battery.
- Only use the charger provided with the Monster Wheel

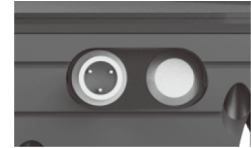
Danger: Unplug before riding. It is unsafe to operate the Monster Wheel while charging.



Tip: To ensure maximum battery performance, unplug your Monster Wheel when the light on the charging adapter turns from red to green; your Monster Wheel is fully charged.

CHARGING THE BATTERY:

- Do not charge if plug, adapter, or socket is wet
- Use standard power supply (110V-240V; 50-60HZ)
- If the Monster Wheel is plugged in and the red light on the adapter illuminates, your Monster Wheel is charging.
- If the light is green, your Monster Wheel is fully charged. Unplug the Monster Wheel to ensure maximum battery performance.
- Charging time is approximately 2-3 hours. *Do not leave the Monster Wheel charging for excess time.*
- Keep you Monster Wheel dry to avoid shorts, electrical damage, and injury.



TEMPERATURE

Use the Monster Wheel inside of the recommended temperature range for maximum efficiency and battery performance. In hot and cold temperatures, the charging time may take longer and the battery may not completely charge.

Battery specification

SPECIFICATION	PARAMETER
BATTERY TYPE	Lithium Ion Battery
CHARGING TIME	2-3 hours
VOLTAGE	36V
CAPACITY	4Ah
WORKING TEMPERATURE	5F°-122F° (-15C°-50C°)
CHARGING TEMPERATURE	32F°-105F° (0C°-40C°)
STORAGE RELATIVE HUMIDITY	5%-95%

Precautions in transporting batteries

Lithium batteries are considered hazardous materials in transportation. Check your local ordinances. Check with your airline for permitted in-cabin and checked baggage allowances.

Dispose of lithium ion batteries responsibly. Check with your local waste management company for disposal instructions.

MONSTER WHEEL SPECIFICATIONS

SPECIFICATION	PARAMETER
Net Weight / Gross Weight	22 lbs. / 28.5 lbs (10kg / 13kg)
Minimum Load	45 lbs. (20kg)
Maximum Load	220 lbs. (100kg)
Top Speed	6.2 MPH (10kn/h)
Maximum Range:	10-12 miles (15-20km)
Maximum Climbing Angle	15 degrees
Turning Radius:	0 degrees
Power:	Rechargeable lithium battery
Voltage:	100-240V
Product size:	23"x8.5"x7" (584mm x 220mm x 178mm)
Box size:	26"x11.5"x9.75" (660mm x 290mm x 150mm)
Clearance:	1" (25mm)
Footpad Height:	4.75" (120mm)
Tire Type:	Non Inflatable Traction Forming Tire
Tire Diameter:	8.6" (218mm)

Daily maintenance

Cleaning:

- Ensure the charger is disconnected from the Monster Wheel
- With a soft dry cloth wipe the outside surfaces of the Monster Wheel
- Do not use high-pressure water. Do not submerge in water.

Note: The Monster Wheel has an IP54 anti-dust and water certification. It can resist light splashes of water or dust, but is not designed to resist high pressure or submersion. Avoid water or other liquids as this can cause permanent damage to the internal electronics.

Storage:

- Charge Monster Wheel to capacity before storing.
- Unplug Monster Wheel when fully charged to avoid discharge while stored.
- Charge Monster Wheel at least once every 3 months to avoid discharge
- Charge in proper temperature conditions only (see page 15)
- Store in clean space free of dust to maximize performance
- Store indoors in a dry environment

Dear Monster Wheel Rider:

Thank you for purchasing the Monster Wheel. Please complete this card and keep it in your files with your proof of purchase from an authorized Monster Wheel reseller. Have fun!

CUSTOMER NAME		PHONE	
ADDRESS			
PRODUCT NAME		ITEM NUMBER	
PRODUCT SERIAL NUMBER			
PURCHASE DATE		WARRANTY TIME	
DISTRIBUTOR:			



Note: Do not open up the Monster Wheel. This will void the manufacturer's warranty



MONSTER
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THE FUTURE OF *ROBOTIC TRANSPORTATION*

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