

 **MAGWheel** (C) (E)



WELCOME TO THE MAGWheel'S WORLD

We want to keep you safe while you
experience a new sport.

In the user's manual, we'll share important safety
performance and service information with you.

Please read it before your first ride.

(USER' S MANUAL)



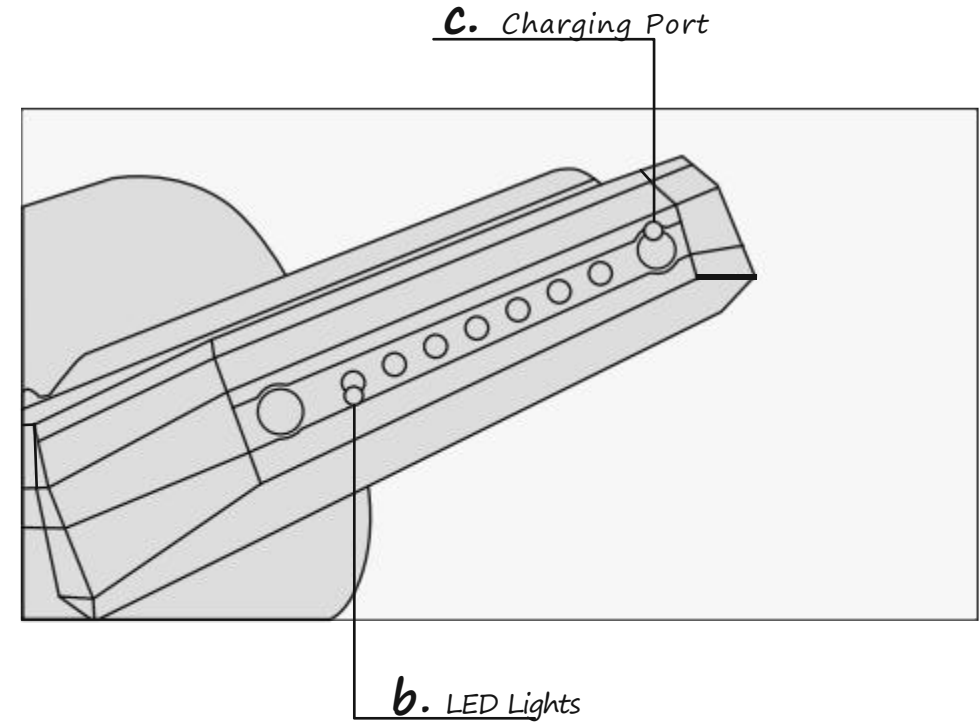
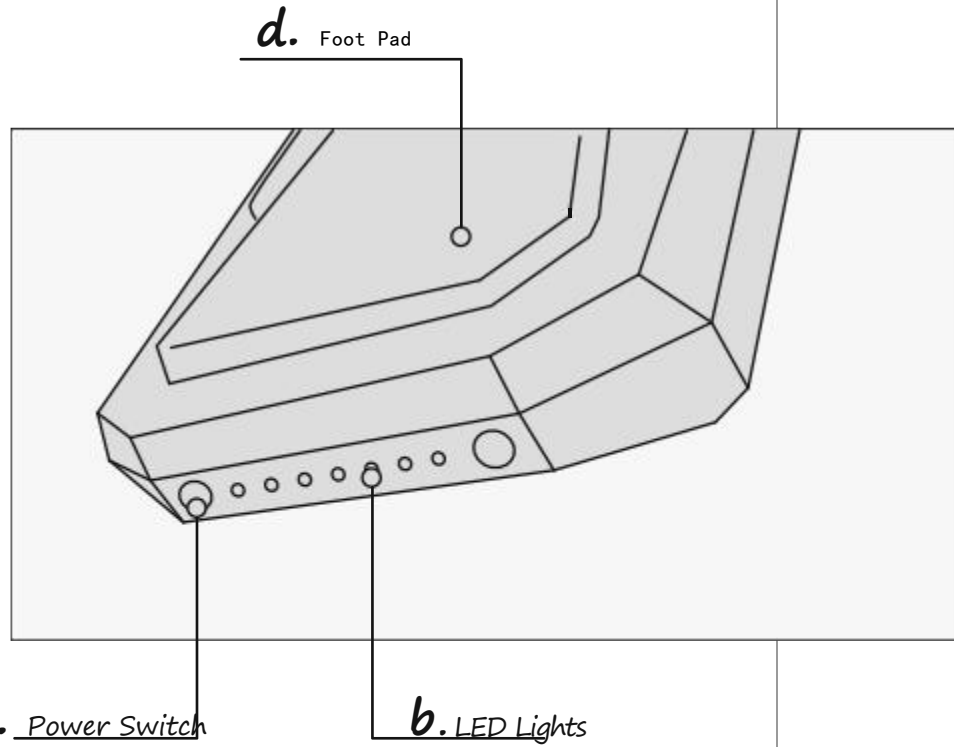
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STRUCTURE

MAIN STRUCTURE:

- a . Power Switch
- b . LED Lights
- c . Charging Port
- d . Foot Pad



Warning: Max Load: 120kg Not allowed for children under 18 years old!



▲ WARNING ▲

RISK OF DEATH OR SERIOUS INJURY

Whenever you ride MAGWheel, you risk death or serious injury from loss of control, falls or collision. For safety reasons, you must read and comply with all instructions and warnings in the user manual.

GENERAL WARNING


Like any sport, there is a risk of injury when using MAGWheel. By choosing MAGWheel, you have chosen to assume this risk.


It is important for you to understand and practice safety rules, as well as the use and maintenance of MAGWheel, to reduce the risk of injury.


Regarding the importance of safe use and proper maintenance and inspection of your MAGWheel.

This manual contains many 'Warnings' and 'Cautions'.

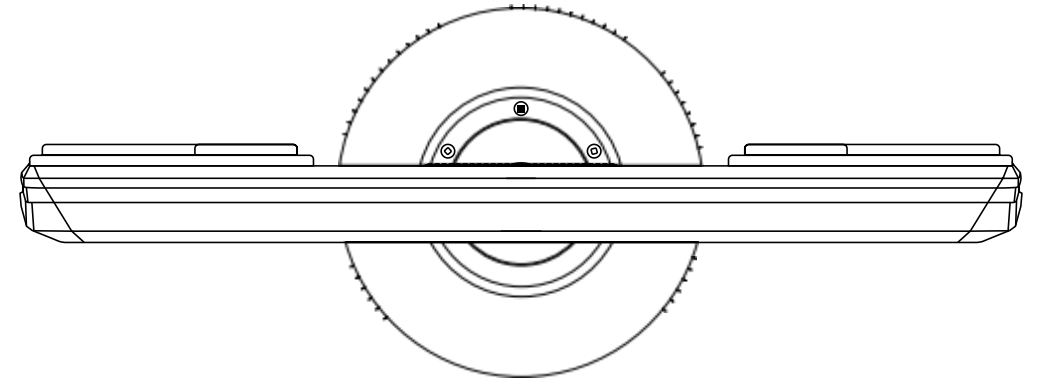
Any boardsports has unpredictable or unavoidable risks, These risks are responsibility of the players.

 **Warning:** Indicates a potential hazardous situation that, if not avoided, may result in serious injury or death.

 **Cautions:** Refers to potential hazardous situations or unsafe practices that, If not avoided, may result in minor or moderate injury, serious damage to your MAGWheel and void your warranty.

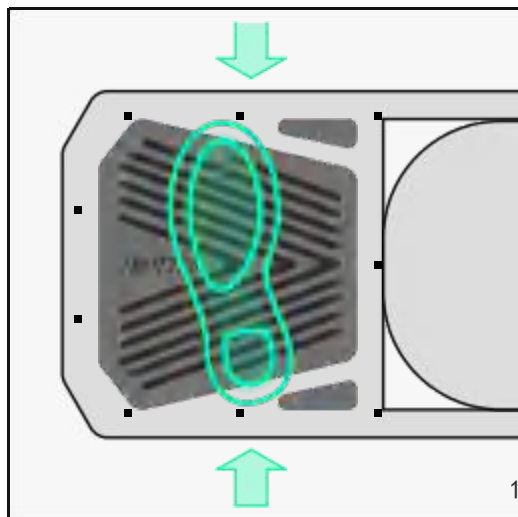
 **Tips:** Indicates information to help you use your MAGWheel better.

Congratulations on getting the new MAGWheel.
Please follow us for the latest information.



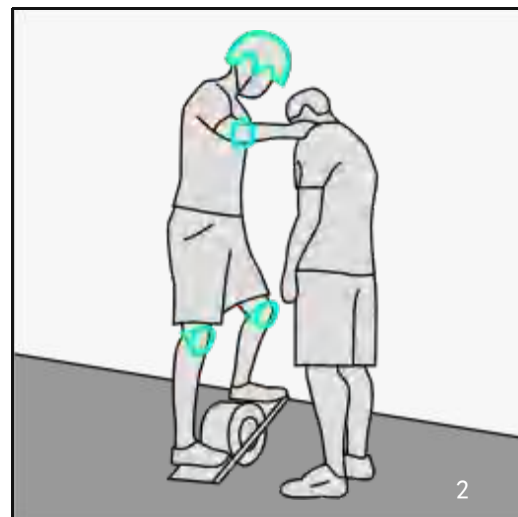
FOLLOW US





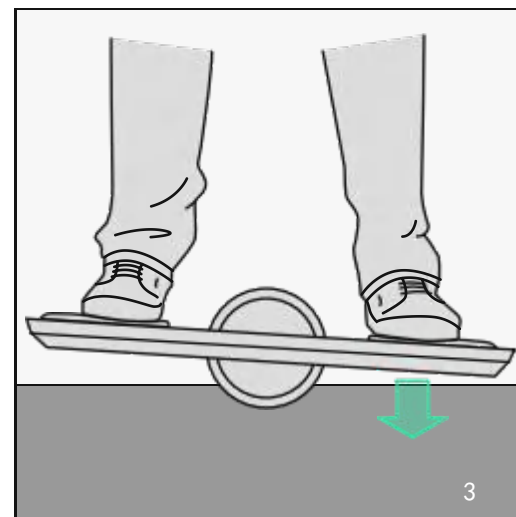
01

Turn on the power switch located on the side. Stand up with your foot fully, with the foot located in the center of the foot pad.



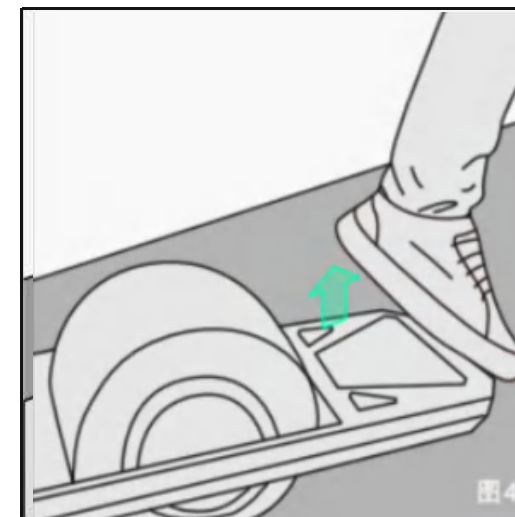
02

Helmet protection must be worn before use, Let friend help you for first ride, Try to achieve balance slowly.



03

When both feet come into contact with the foot pads, MAGWheel will activate, the lower side will lift to bring you to balance. Lean forward to accelerate, Lean back to slow down, and lean left or right to turn.



04

When decelerating to <math><1.5\text{km/h}</math>, step on the frame of the foot pad with your toes, and lift the sole and heel off the foot pad. You can also jump off with both feet, but don't just move one foot.



01 SAFETY OVERVIEW

SAFETY RIDING

Whether you are a professional or a new rider, safe use is always important. Here are some suggestions to ensure the safety of you and your MAGWheel

Helmet

When using MAGWheel, always wear a helmet that meets GB 24429-2009, ASTM F1492-08, CPSC, and/or CE EN1078 certification standards.

Shoes

Be sure to wear proper and anti-skid sports shoes, and never ride barefoot or wear flip-flops.

Other protective equipment

Be sure to wear wrist elbow, and knee protectors to make riding safer.

Refer to Section 04 "More Ways to Ride Safety"




Warning: It is your responsibility to familiarize yourself with and comply with local traffic laws and regulations.


Do not use MAGWheel on public roads and wear safety gear at all times.

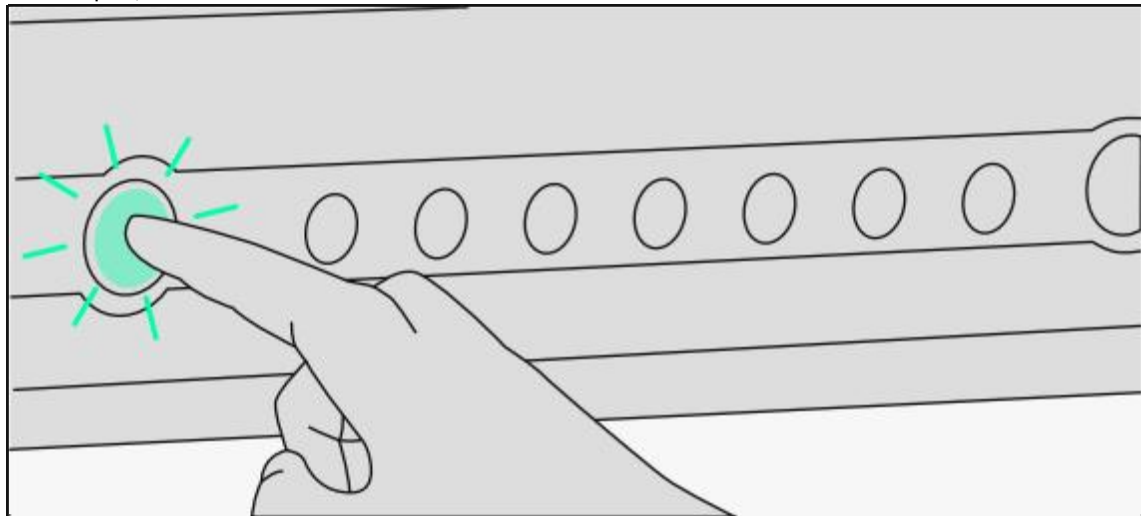
POWER SWITCH

The MAGWheel is powered ON or OFF by a switch button on one side.

Please ensure that your MAGWheel remains in the correct position on the ground before turning on the switch button. Be sure to turn off the power switch when charging, storing, or carrying.

 **Warning:** Do not pick up MAGWheel when the power is turned on, as the wheels may rotate and cause you to be injured.

 **Caution:** When charging MAGWheel, do not press the sensing area of the foot pad, otherwise it will not work.



STATUS INDICATOR

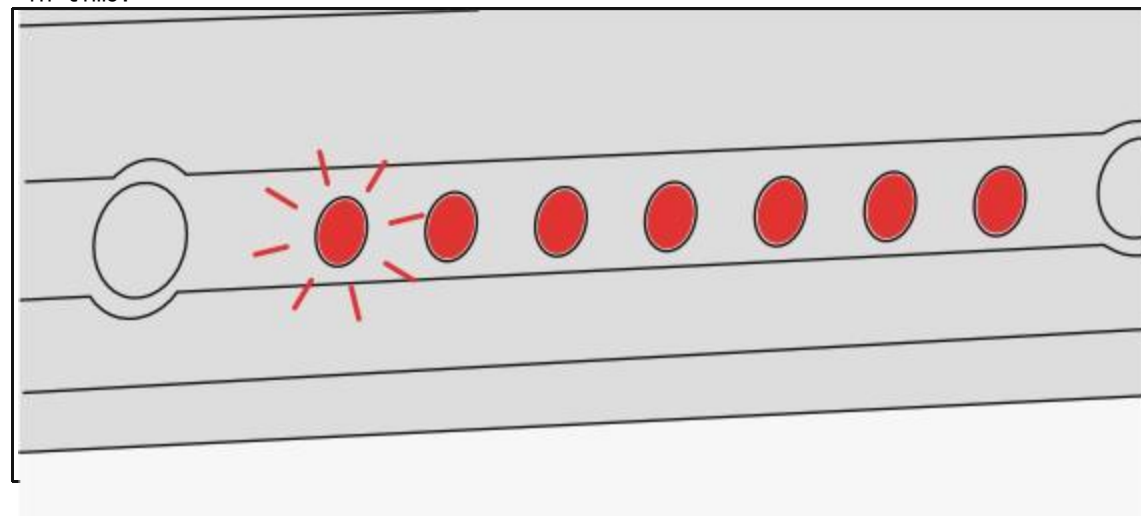
The LED lights on both sides are the only status indicators of the MAGWheel, provide power warning and speed warning.

NORMAL OPERATION

The LED lights are white with forward direction, the other side are red, no blink and alarming .

BATTERY STATUS

When the battery capacity is lower than 25%, the indicators on two sides turn red and blink continuously the buzzer will go off in every 15 seconds. Please charge it in time!



MAGWheel T3 SPECIFICATIONS

MODEL:	T3
MOTOR:	1500W HUB MOTOR
BATTERY:	LITHIUM 60V 7AH 16s2p
SENSORS:	OPTOELECTRONIC SENSOR
TIRE:	12IN*6.0-7
MAX LEAN ANGLE:	30°
TOP SPEED:	32Km/h
TYPICAL RANGE:	30 - 40Km
DIMENSIONS:	771*259*310mm
WEIGHT:	16.5kg
RECHARGE TIME:	3 - 4hours

CHARGER SPECIFICATIONS

INPUT:	AC100 - 240V	50/60Hz
OUT PUT:	+54 . 6VDC 2A	
OPERATING TEMPERATURE RANGE:	0 -40°C	
OPERATING HUMIDITY RANGE:	0 ~ 100% RH	

DECODING YOUR MAGWheel

The different blink codes differentiated by number of blinks in a row, may indicated different issues with your MAGWheel.

IF one occurs or the buzzer go off, You can solve the issue by switching your MAGWheel OFF and the ON again.

Please contact MAGWheel customer service on official website

Or email to service@trottermagwheel.com

PROBLEM			DESCRIPTION	SOLUTION
BUZZER	LED	OTHERS		
Buzzing slowly	Red blink both sides		Power below 20%	Charge it
Buzzing quickly			Power below 10%	Charge it
Buzzing quickly	Red blink both sides		Low voltage	Charge it
Buzzing 5 times	White blink both sides	front lift up	Too fast	Slow down
Buzzing 4 times in 5secs	Red and white flash alternately		Motor issue	contact us
Buzzing 6 times in 5secs	Red and white flash alternately		Mainboard issue	contact us
Buzzing 2 times in 5secs	Red and white flash alternately		Mainboard issue	contact us
Buzzing twice	Red blink both sides	stop	MOTOR issue	contact us
Buzzing twice	Red blink both sides	stop	Battery over voltag	contact us
Keep buzzing	Red on	stop	rollover	straighten
Keep buzzing 5 times	Red on both blink	front lift up	overhead warning	tire landing

03 RIDING MAGWheel

BRAND NEW CHALLENGE

Whether you're a professional player or a beginner, MAGWheel help you get a lot of fun .

MAGWheel is designed to be intuitive . Anyone can learn the basics in just a few minutes. Once you start riding regularly, there is plenty of room to challenge yourself.

Always do a safety check before each ride

Read all safety instructions .

Wear a helmet and other protective gear .

Choose a safe, controlled and calm environment away from

cars, crowds, obstacles and other potential hazards .

BASIC BALANCE

Remember MAGWheel is self-balancing

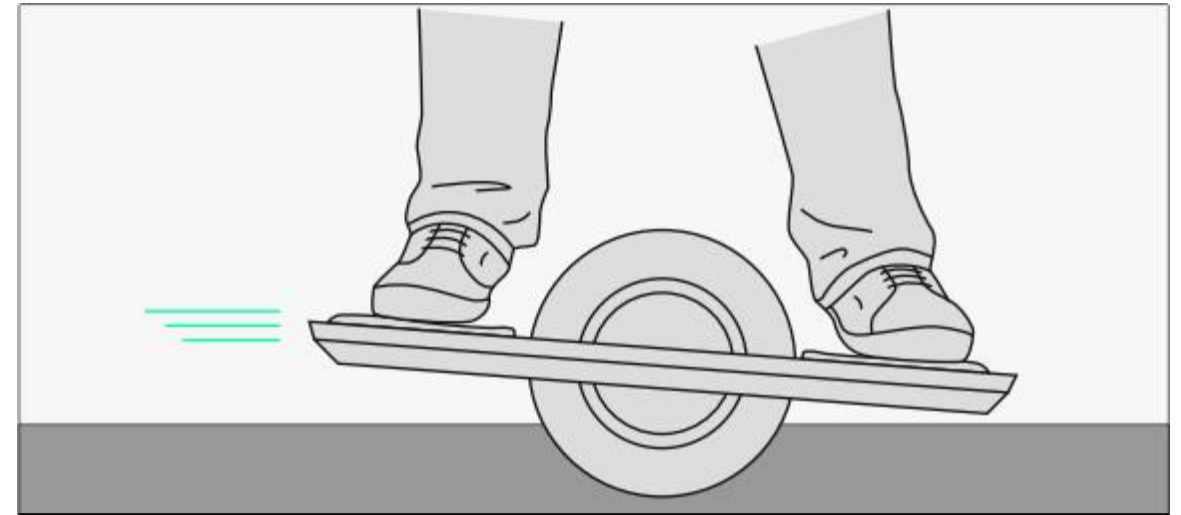
so there's no need to muscle your way onto the board. Instead,

use slow, small movements

- ✓ **TIP:** Have a friend's shoulders handy to help you the first few times you get on your board
- ✓ **TIP:** Look where you want to go .
Don't look down
- ✓ **TIP:** Use light, constant pressure to control
your MAGWheel
- ✓ **TIP:** Don't bend your knees, rather stand tall on your first rides.



Place a MAGWheel on the ground, step one foot on a pad, put another foot on another pad, now the board powered on, keep your legs straight (as standing on the ground), bending your knees slightly.



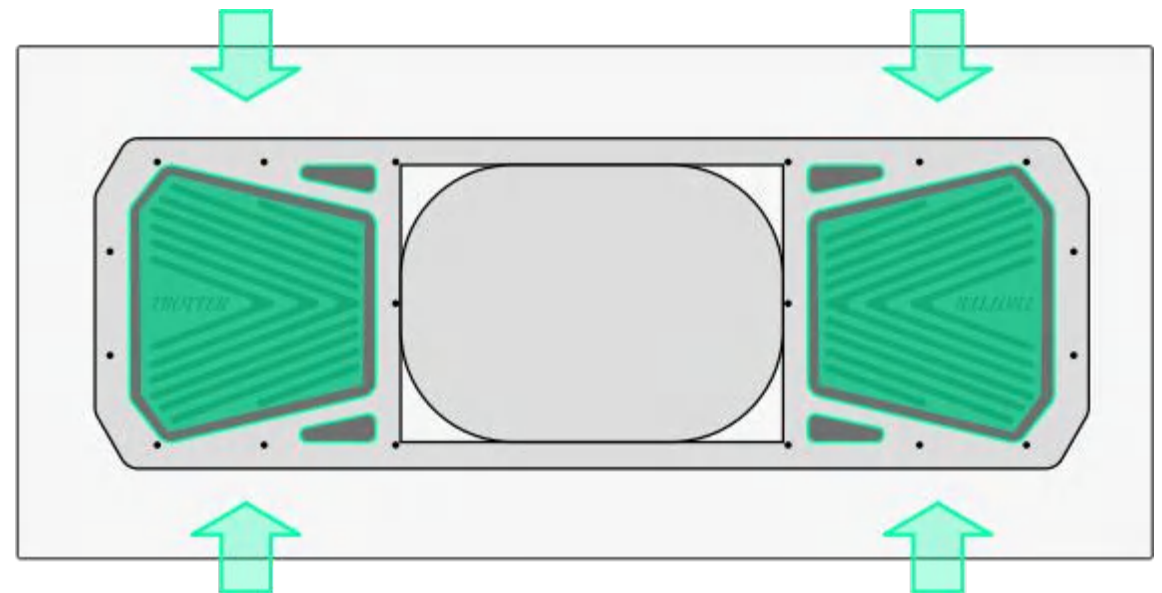


UNDERSTANDING THE FOOTPAD

MAGwheel pads are pressure sensitive, two feet on pads both, power on.

Slow it down, remove one foot from the sensitive zone, it stops .

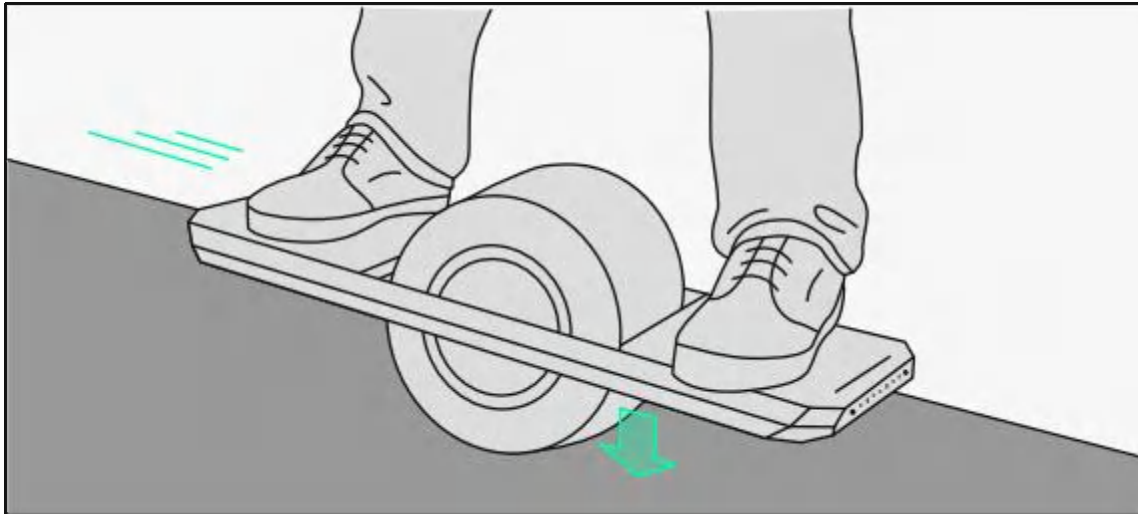
✓ **TIP:** Avoid moving your foot while riding.



DIRECTION AND SPEED

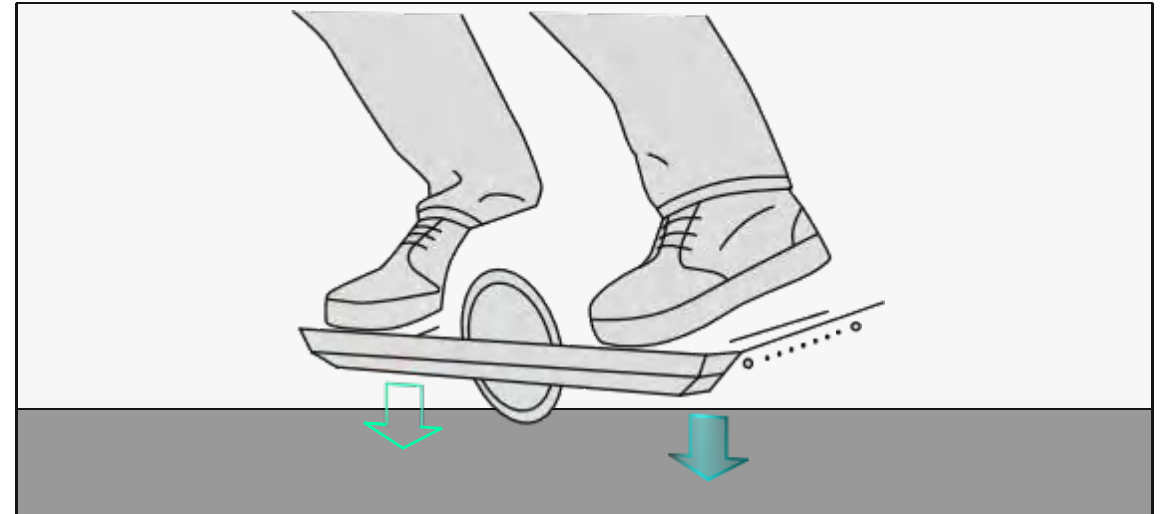
Lean forward to move forward, and lean back to slow down or to move backwards.

The more you lean, the faster you'll go.



TURNING

Use subtle heel-toe pressure for turning left or right . You will begin to turn in the direction you lean. The more you lean, the sharper the turn .



RANGE

Range varies on an assortment of factors including riderweight and riding style, terrain, inclines and declines and tire pressure. For optimal range, we recommend the following tips:

TIP: Fully charge your MAGWheel.

✓ **TIP:** Ensure the tire pressure 35 -40psi * (Tire to the frame 5mm)

✓ **TIP:** In winter, the range will be reduced because lithium-ion batteries

✓ degrade faster at low temperatures. Please notice.

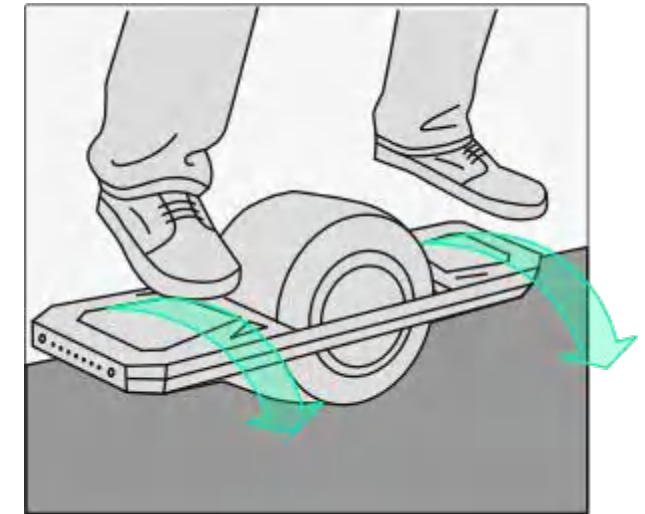
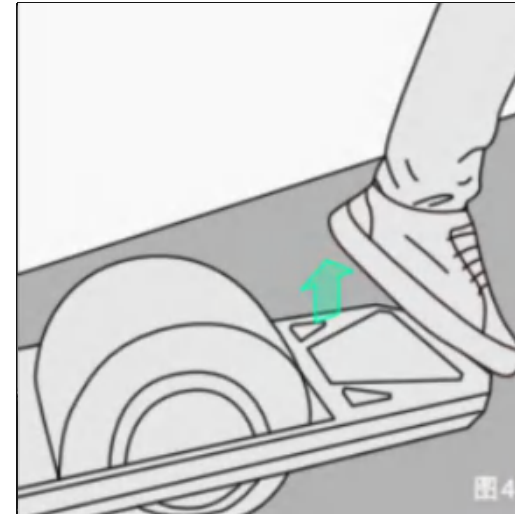
* MAGWheel tire is explosion - proof, no need to worry about blowouts .

* Tire pressure makes a significant difference to MAGWheel range, top speed and ride quality . Even a few PSI change can alter the ride.

DISMOUNT

When you' re done riding, slow down by leaning back. After maintaining balance, lift your heel off the sensing area or jump off with both feet.


✓ **TIP:** Both feet must be stepped on the foot pads at the same time to start riding. MAGWheel will stop iff you slow down and move one foot away from the sensing area on one side.





SPEED LIMIT PROTECTION

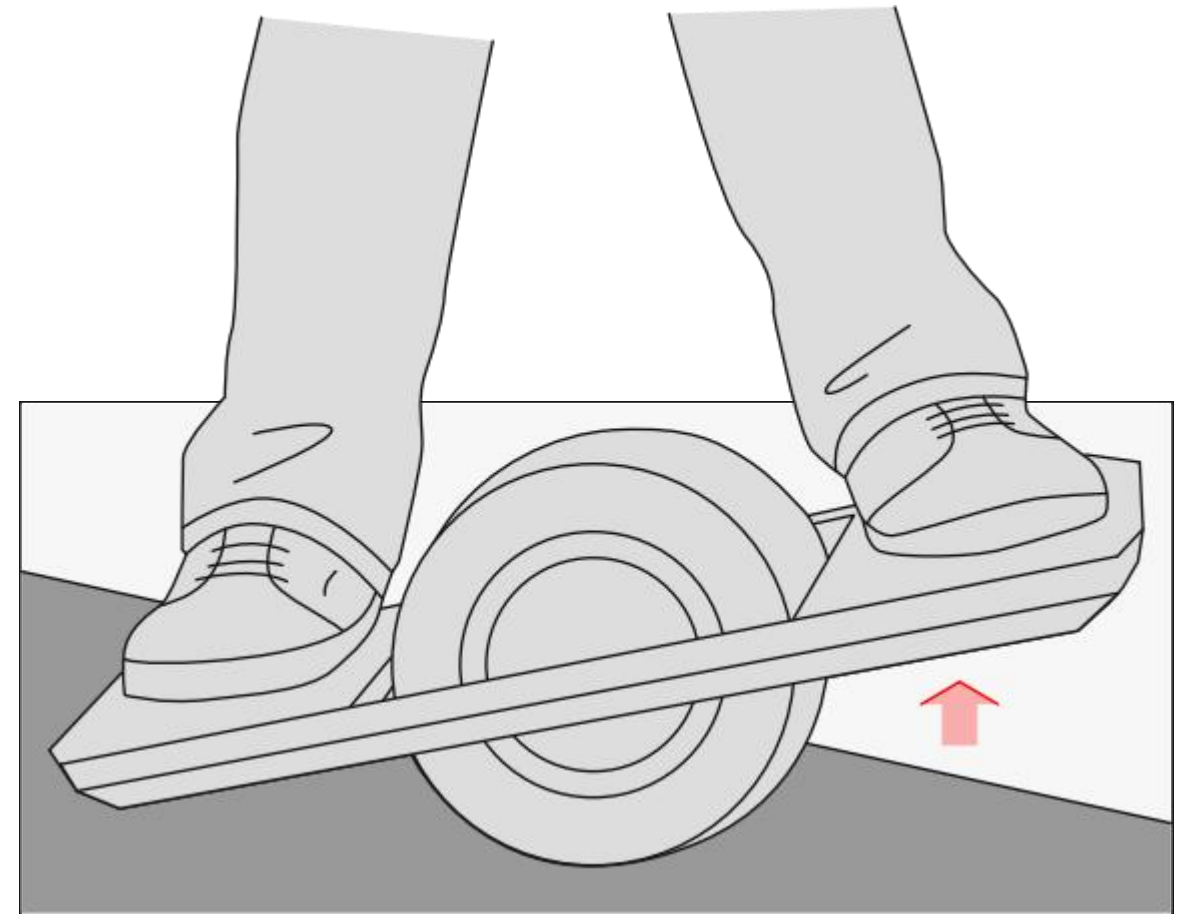
If at any time you attempt to go too fast (17km/h) , descend a steep hill or ride with low battery, The front of MAGWheel will lift and the buzzer will sound an alarm to remind players to slow down.

The only way to avoid this situation is to slow down by leaning back.

 **Warning:** Ignoring safety warnings, including deceleration warnings, may lead to loss of control, serious injury, or death.

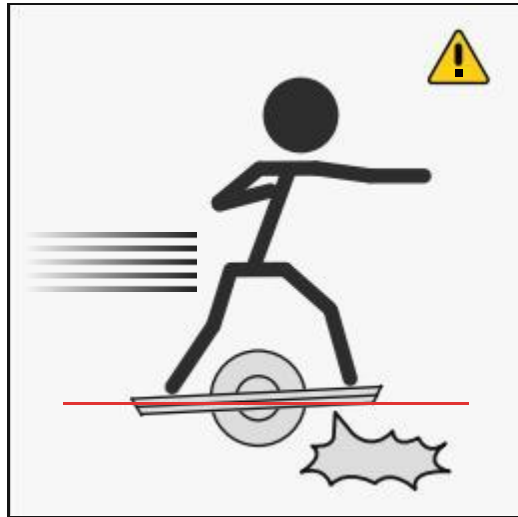
 **Warning:** Do not attempt to ride down a long or steep hill with fully charged MAGWheel as it may lose control or damage.

 **Warning:** Continuing to ride with low battery may cause MAGWheel to suddenly shut down or damage.



DECELERATION WARNING

Deceleration warning is very important, ignoring or continuing to accelerate is very dangerous



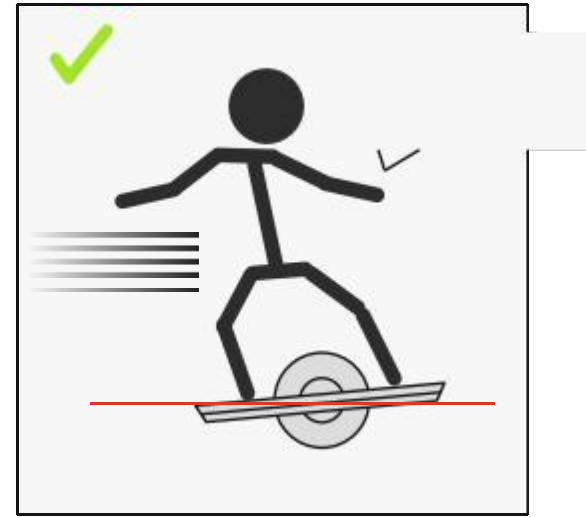
 **Caution:** Deceleration warning


The front of the board is lifting up, remind the rider to slow down.

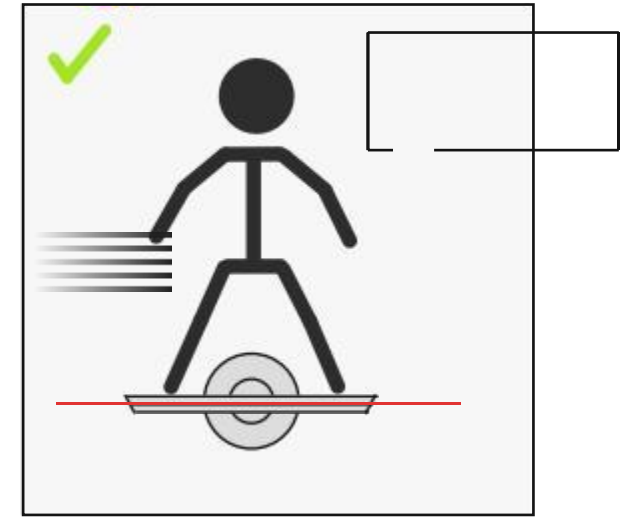



 **Caution:** Deceleration warning

The rider is aware of the warning and plans to make adjustments.



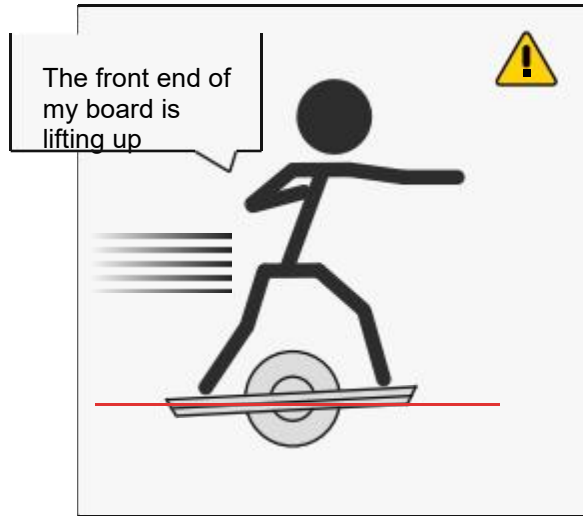

The rider shifts the weight to back foot in order to slow down.



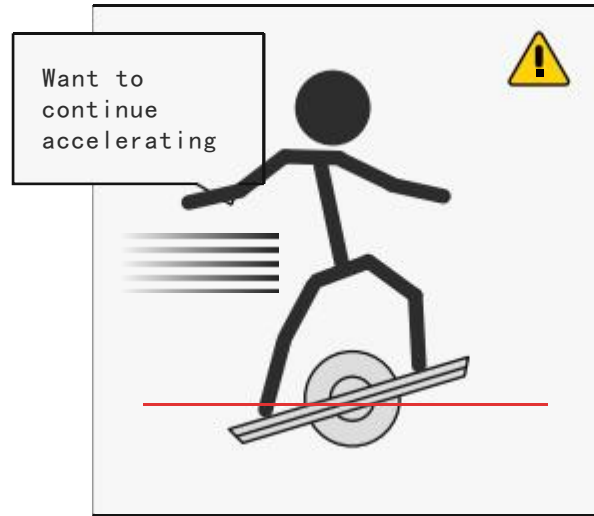

The rider has slowed down, the board returns to normal riding.

DECELERATION WARNING

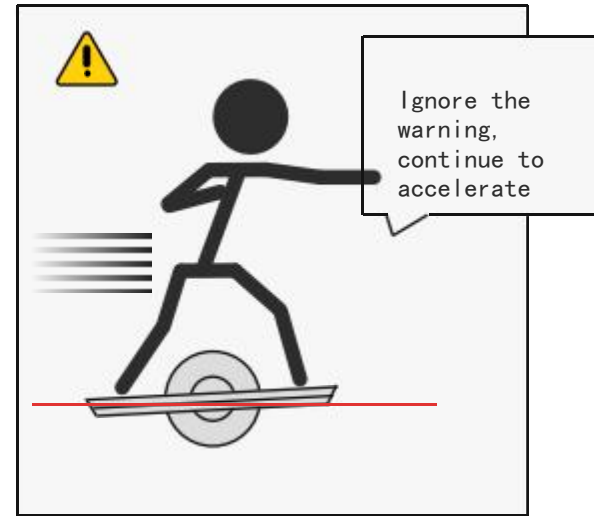
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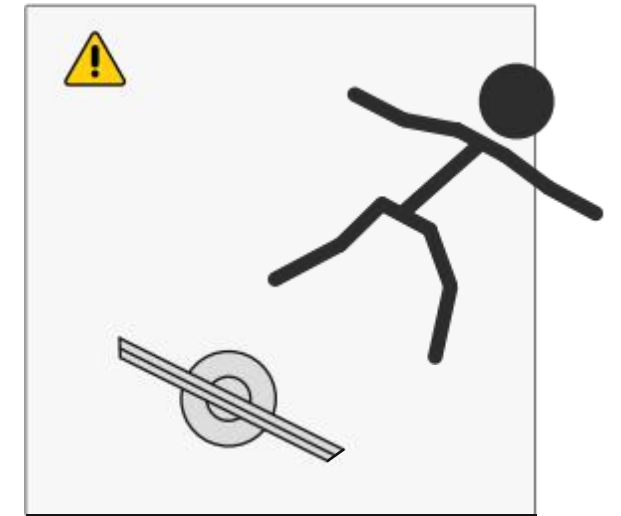
Caution: Front end lifting
The front of the board is lifting up, remind the rider to slow down.



Warning: Never ignore warning
If the rider keep leaning front, the board will continue to lifting up.



Warning: Never ignore warning
The rider keep leaning front, the board continue to lifting up.

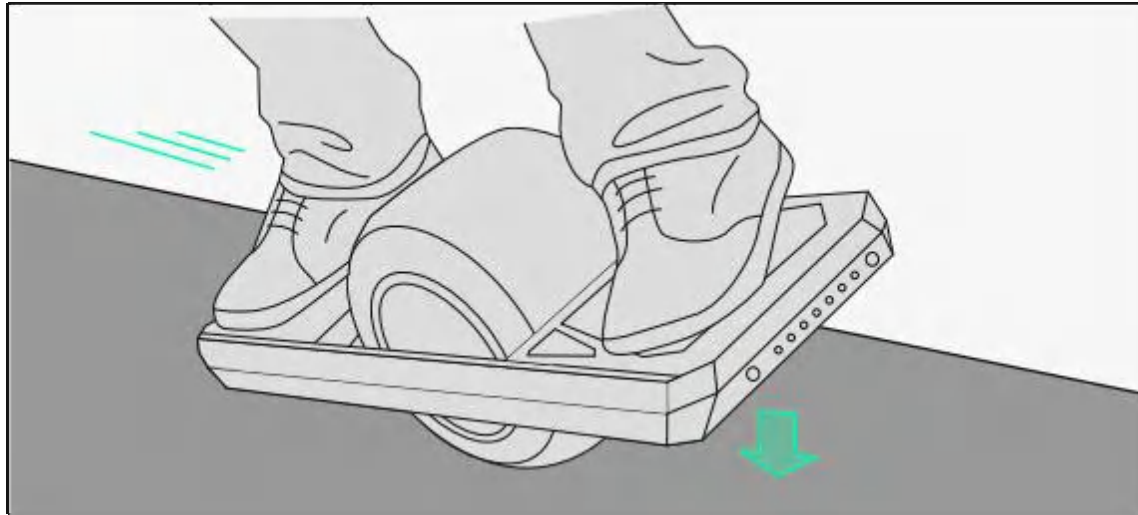


Warning: Never ignore warning
Ignore safety warnings can lead to loss of control, serious injury, or death.

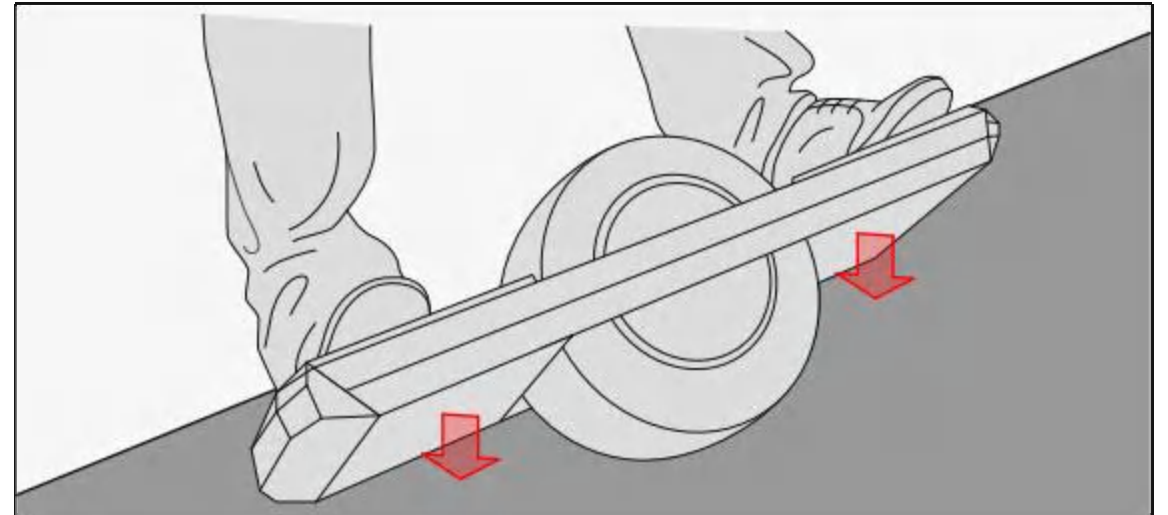
TILT PROTECTION

When the board tilts over 45°, such as the MAGWheel falls down, the tilt protection will be activated. The motor immediately stops rotating to prevent damage to the rider caused by the high-speed rotating.

When the tilt protection is activated, the buzzer will sound for a long time, and the board will automatically turn off 10 seconds after the alarm. To release the protection status, simply straighten the board. If the power is turned off, please turn it on again.



 **Warning:** Don't tilt the board over 45°




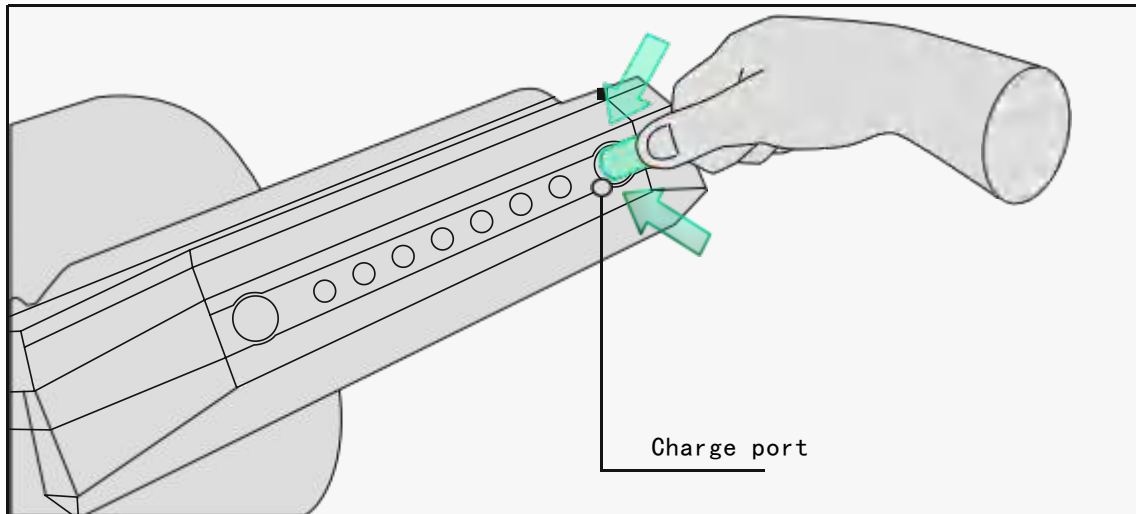
BATTERY CHARGER

Use only the official charger provided to charge your MAGWheel. The charger connected to the board for several days will not cause damage. But for long-term storage it needs to be stored according to the long-term storage instructions.

1, The charger connected to the board for several days will not cause damage.

2, Do not connect the charger to the board for several months of storage

 **Caution:** Use only the official charger provided to charge your MAGWheel. Use of any other charger will void your warranty and may damage your MAGWheel.

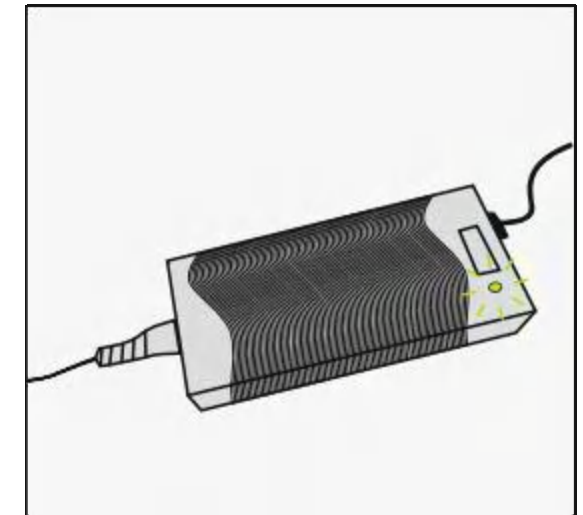
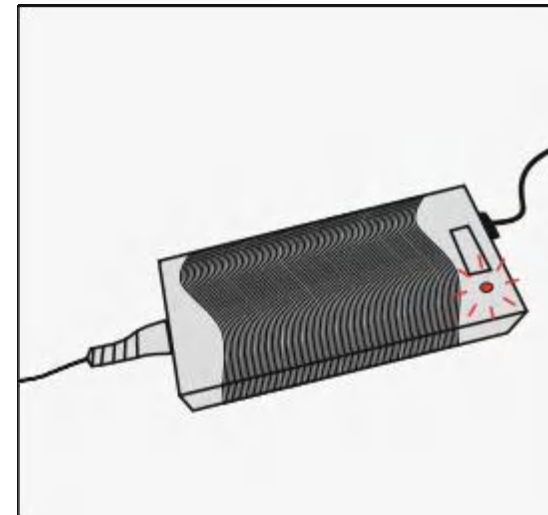


HOW TO CHARGE YOUR BATTERY


01, Connect the charger to an "AC" supply, the charger will display red light.


02, When the battery is fully charged, green light will appear.


03, Disconnect the charger to stop charge.





CHARGE


 **CAUTION:** Put the charger plug into the charging hole before the AC power on, otherwise the charger will not start, which can avoid potential risks and make charging safer.


 **CAUTION:** Under normal circumstances, it only takes about 120 minutes to complete the charge, and it takes 60 minutes to charge to 50%. When the indicator light is red, it means that it is charging, and when it turns green, it means charge finished.


 **CAUTION:** If not urgent, please wait for the end of charging before removing the charger, because the battery protection board will maintain the voltage balance of the battery in the later charging period.

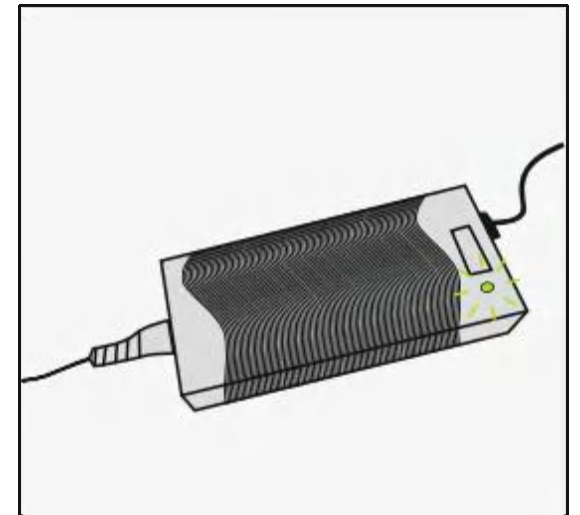
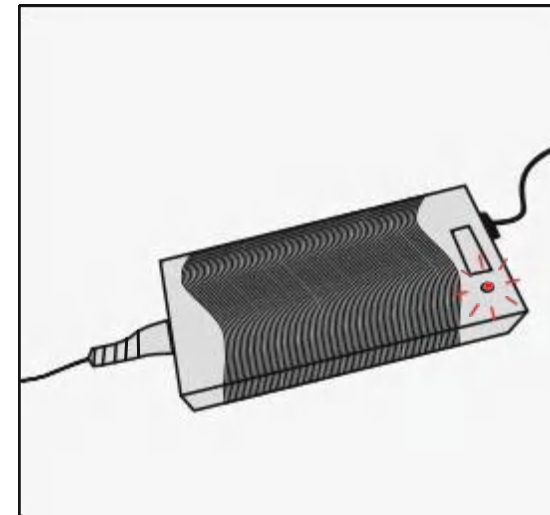
 **CAUTION:** For long-term storage, charge it 40–50% and check it once a month.

 **CAUTION:** All electronic and drive components can only be repaired through MAGWheel's authorized service centers. Any other adjustments will void your warranty.

 **CAUTION:** Do not make any repairs or adjustments to your MAGWheel unless you know how to operate it very well. Improper adjustments or repairs may cause damage to your MAGWheel or cause injury. Complex maintenance and repairs need to be done by professionals who are fully equipped.

 **CAUTION:** Indicator light on the charger is red, it means it is charging.

 **CAUTION:** Indicator light on the charger is green, it means the end.



04 MORE WAYS TO RIDE SAFELY

Be sure not to modify your MAGWheel

MAGWheel is pretty much perfect as is. So there is no need to add any extra bells and whistles.

Modifying or changing the appearance or performance of your MAGWheel is not advised and could potentially increase your risk of injury.

If you have specific questions, please contact MAGWheel customer service: service@trottermagwheel.com



WARNING: Failure to confirm the compatibility of, or to properly install, operate or maintain any component or accessory on your MAGWheel can result in serious injury or death and will void your warranty.



CAUTION: Changing or modifying any MAGWheel factory component will void your warranty.

MORE WAYS TO RIDE SAFELY (ONE)

Observe all local traffic laws and regulations regarding riding on side walks and trails. It is your responsibility to know and obey the laws in your riding area.

Share the road and respect the rights and safety of other motorists, pedestrians and cyclists.



WARNING: Never ride your MAGWheel on inclines or declines with grades steeper than 20%. This may cause the motor and battery to overheat and will also void your warranty.



CAUTION: Jumping and stunt riding will void your warranty.

LOOK AHEAD, AND BE READY TO AVOID OR YIELD TO:

Vehicles slowing or turning, entering your lane ahead of you or coming up behind you

Parked cars or opening car doors

Pedestrians

Children or pets

Pot holes, sewer grating, railroad tracks, expansion joints, road or sidewalk construction, debris and other obstructions that could cause you to swerve into traffic, catch your wheel or fall

MORE WAYS TO RIDE SAFELY (TWO)

ALWAYS WEAR:

Shoes that stay on your feet and will grip the board. Never ride barefoot or while wearing sandals or flip-flops.

Bright clothing that makes you clearly visible to drivers, riders and pedestrians.

Protective eye wear to protect against the sun, as well as airborne dirt, dust and, of course, bugs.

WARNING: Failure to wear a helmet when riding may result in serious injury or death.

Always wear a 24429 - 2009, ASTM F1492 - 08, CPSC和/或CE EN1078and/or CE EN1078 certified helmet, and follow the manufacturer's instructions for fit, use and care. Head injuries are some of the most serious and maybe avoided with proper protection.

Avoid sharp bumps, drainage grates and sudden surface changes.

Avoid streets and surfaces with water, sand, gravel dirt, leaves and other debris.

Wet weather impairment, distraction, braking and visibility.

Never ride near motor vehicles.

Always ride in designated lanes or paths or as close to the edge of the road as possible in the direction of traffic flow or as directed by local laws.

Never weave through traffic.

Never carry a passenger

Never carry anything that could obstruct your vision or that could cause you or your clothing to become entangled in the wheel.

Never hitch a ride holding onto another moving vehicle or object.

Never ride your MAGWheel while under the influence of alcohol or drugs.

Choose smooth stable paths made of concrete and asphalt.

Observe and yield the right of way.

MORE WAYS TO RIDE SAFELY (THREE)

Do not perform racing, stunt riding or other maneuvers that may cause loss of control.

Do not allow body parts, clothes, etc. to come into contact with moving parts, wheels or drive train while the motor is running.

Before each use, perform pre-operation checks as specified by the manufacturer.

The owner shall allow use of the unit only after clearly demonstrating its proper and safe use and confirming that the operator understands all components and aspects of operation of the unit, and is wearing a helmet.

Be thoroughly familiar with the way your MAGWheel works (e.g., speed, direction, turning)].

Always keep body parts, clothing and other objects away from the wheel.

Always do a mechanical safety check before getting on your MAGWheel.

When riding, be aware of your environment. Ride at a speed appropriate for your conditions. Increased speed equals higher risk.

Do not ride at night or during times of low visibility[e.g. fog, rain, dusk, dawn).

Follow all manufacturer's recommendations and instructions, as well as comply with all laws and ordinances.

Components shall be maintained and repaired in accordance with manufacturer's specifications. Only authorized replacement parts shall be used, and installation shall be by dealers or other skilled persons.

Persons with heart conditions, pregnant women, persons with head/back/neck ailments, persons with mental or physical conditions that make them susceptible to injury, and persons with impaired capabilities should not operate.

05 MAINTAINING YOUR MAGWheel

SAFETY CHECK

Doing regular safety checks will help prolong the life of your MAGWheel. We recommend that you carefully inspect your MAGWheel before every ride to make sure that there are no loose, damaged or unusually worn parts.

All nuts and bolts should be tight. Most MAGWheel components were designed so that they can be easily replaced if there is a problem.





WARNING: Before performing any minor work on your MAGWheel, make sure the power switch is in the "OFF" position.


CONTACT MAGWheel CUSTOMER SERVICE IF YOU HAVE QUESTIONS
OR EMAIL TO service@trottermagwheel.com

FOOTPADS

Inspect footpads for any cracks, punctures or tears in the grip tape, particularly in the rider-detection area. If you notice any damage, contact service@trottermagwheel.com for replacement parts.


 **WARNING:** Riding with a damaged footpad is extremely dangerous. Replace immediately.

 **WARNING:** The footpads are an integral part of the safety system for the MAGWheel. Never ride with damaged wood or grip tape, and never attempt to replace grip tape. Replacement foot pads are available at www.MAGWheel.com or MAGWheel Tmall shop.


 **CAUTION:** Riding a damaged MAGWheel will void its warranty

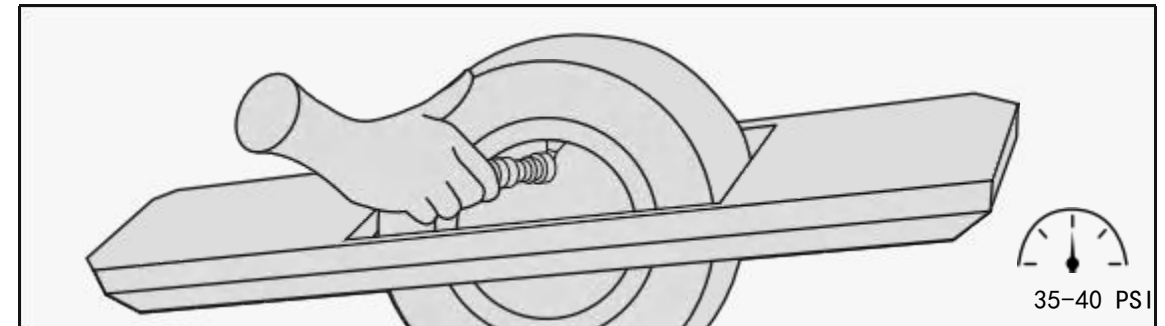
TIRE

Check your MAGWheel tire for any cuts in the tread and sidewall. Also be sure it is sufficiently inflated up to 35-40 PSI. The best way to check and inflate your MAGWheel tire is with a quality digital gauge and compressor at your local gas station. If your tire is damaged or has a hole, please contact our customer service for more information: service@trottermagwheel.com

 **WARNING:** Exceeding the recommended maximum pressure of 40PSI could damage your MAGWheel and result in injury. It will also void your warranty.


 **CAUTION:** Riding MAGWheel with a flat or under-inflated tire will void your warranty.


 **CAUTION:** Pencil-type automotive tire gauges can be inaccurate. Always use a quality digital gauge.

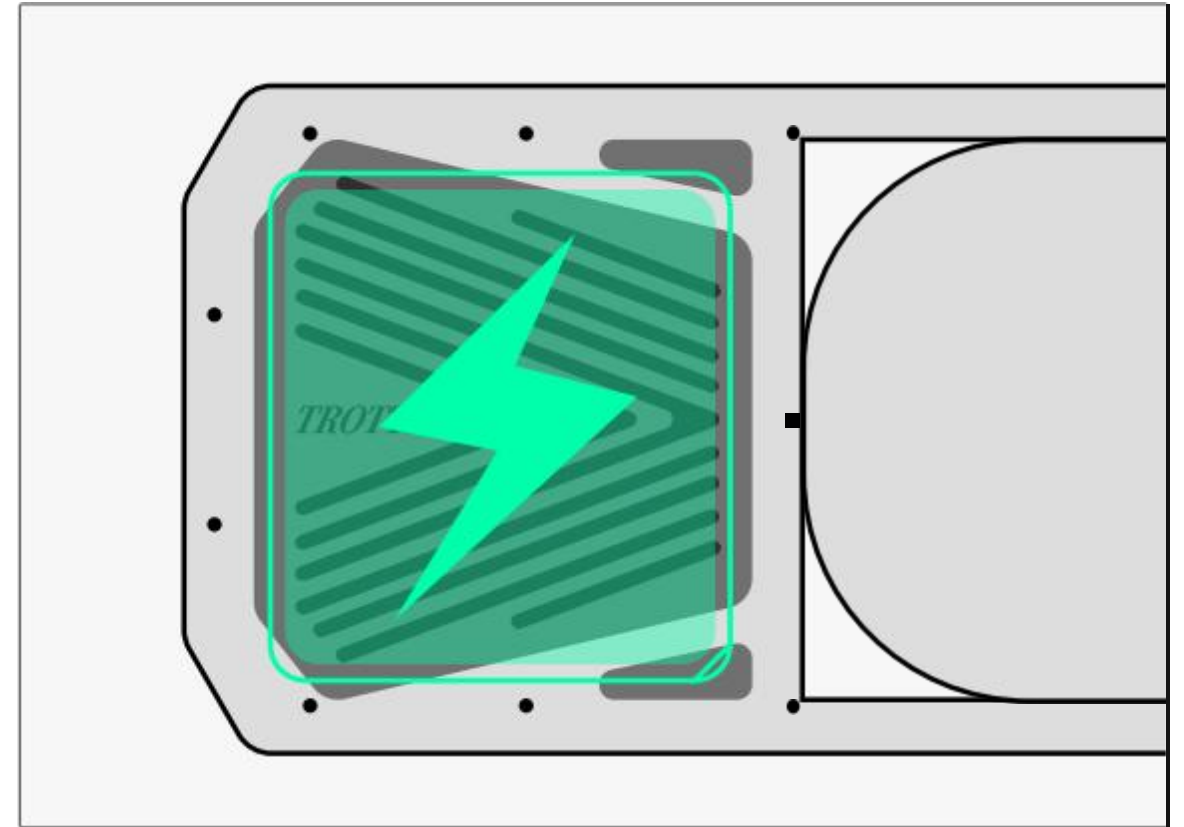


BATTERY

Be careful not to overcharge or undercharge your battery. The battery should be charged at least once every two months. Failure to do so may void your warranty. You must dispose lithium batteries according to local laws and regulations.

 **WARNING:** If the battery pack appears to be damaged or is not holding a charge, plz do not use it. Further assistance, contact MAGWheel customer service or email to service@trotermagwheel.com

 **CAUTION:** Do not expose the battery to extreme high or low temperatures. These may degrade or damage the battery pack.



MAGWheel BOARD CARE

DAILY USE

Keep it dry, keep it clean, and keep it charged. Easy to keep.

When you are done riding store your board in warm, dry place.

Don't leave it outside or in your car overnight .

WET ENVIRONMENTS

Make sure you completely wipe your board off after riding in any wet environments. Get all debris off and let it fully dry out before charging .

The board is water - resistant not waterproof .

Ride into wet environments at your own risk.

COLD WEATHER

MAGWheel can be operated in the cold. Don't let the winter cold ruin your fun . Don't leave your board outside or in the trunk of your car .

Long exposure to extremely cold temperature can adversely affect your board. If you do happen to leave your board out in the cold, you may have to bring it and warm it up.

It may take an hour or more to warm up to rideable temperature .

LONG TERM STORAGE

Make sure to charge between 40-50% and store it in dry place between 50-60°F (10-15C)

Check it monthly to ensure your battery remains between 40 - 50% .

WARRANTY

This agreement outlines the limited warranty coverage supplied by MAGWheel, which is defined as an individual who has purchased the MAGWheel in a retail establishment or via an on-line storefront as approved by the MAGWheel or from a MAGWheel-authorized sales representative. Purchasing any products from an unauthorized reseller, including any online purchase other than directly from the MAGWheel, will void all product warranties to the extent permitted by law.

The MAGWheel warrants that the product, other than the footpad, tire and battery pack, will be free from defects in materials and workmanship for a period of 12 months/2000 KM whichever comes first. The warranty for the footpad, tire and battery pack is 6 months/1000 KM

If the MAGWheel proves defective and a claim is filed during the warranty period, the MAGWheel, at its option, will:

01 Repair the MAGWheel by means of telephone support, email support, or by providing service at no charge for parts or labor.

02 Replace the MAGWheel with a comparable one which may be new or refurbished.

03 Refund the original amount paid for the MAGWheel less a reasonable allowance for usage, upon its return.



The MAGWheel recommends that the user first utilize support materials shipped with the MAGWheel. MAGWheel diagnostics, information contained on the Internet, and email support. If unsuccessful, to obtain service under this warranty the user must notify the MAGWheel or its authorized service.

MAGWheel provides paid repairs for products that are out of warranty.

All sales are final.

If you wish to discard this product please contact your local authorities or dealer and ask for the correct method of disposal.

COMPONENT WARRANTY DURATION NOTES

(For defects in materials and workmanship)

COMPONENTS	WARRANTY DURATION	notes
MAGWheel	1year	Parts that not listed separately
FOOTPADS, TIRE, BATTERY PACK	6 months	

WARRANTY

THE FOLLOWING ARE NOT COVERED BY THE WARRANTY:

Total mileage is over 2000km.

Damage has been caused by modification or use outside those specified in the User Manual.

The barcode or serial number of the product has been altered or removed.

The warranty registration is inconsistent with the product itself.

The product has been dismantled or repaired by an unauthorized third party .

Water damage is not covered under warranty.

Damage or fault has been caused by other issues [excluding product design, manufacture, quality. etc.].

Natural wear and tear that does not affect product function (including scratches and wear and tear on frame rails, footpad, tires, etc)].

Damage has been caused by accidents or human errors, such as breakage caused by dropping or rusting in a very wet environment.

Damage has been caused by overloading the MAGWheel.

Damage has been caused by acts-of-god such as fire. flood earthquake. freezing. etc.

Products purchased from an unauthorized reseller, including any online purchase other than directly from MAGWheel to the extent permitted by law.

All the above warranty policies are valid only within the warranty period specified above



CONTACT US

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Manufacturer: TROTTER

All rights reserved: TROTTER ECOTECH CO.,LTD

All rights reserved, pirates must investigate.
All sales are final.

