

HOVER-X

USER GUIDE



Bodi-Tek[®]





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PRECAUTIONS

Please be aware that riding the HOVER-X puts you at risk of collisions, falls, or loss of control that could potentially result in serious injury or death. Before using the HOVER-X, YOU MUST READ AND FOLLOW ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL. If you fail to follow any of the safety precautions, you could void the manufacturer warranty, damage the HOVER-X, damage property, or cause serious injury or death.

This manual outlines basic instructions on how to use your HOVER-X. As it's unable to predict all potential circumstances, the operator should be mindful to always use common sense and good judgement to identify and avoid potential dangers that could occur when using the HOVER-X. By operating the HOVER-X, you are accepting the potential hazards you could encounter.

Local laws for personal transportation devices may demand that you wear protective items and adhere to operation requirements – so always check and abide by these. You should also abide by any laws regarding local vehicles, personal transportation, and pedestrians.

Follow any national or local laws in regards to the operation of the HOVER-X, or similar transport products.

- Read all instructions thoroughly and retain for future reference.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge who have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and maintenance shall not be made by children without supervision.
- Never exceed the HOVER-X's maximum or weight limits.
- Never operate your HOVER-X with more than one person riding on it at one time.
- Never carry anything while you are riding your HOVER-X.
- Before operating the HOVER-X, the appropriate safety gear should be worn – as outlined in this user manual.
- Always wear flat, closed-toe shoes and comfortable clothing when operating your HOVER-X.
- Do not try to open up or make any changes to your HOVER-X. Doing this will void your manufacturer warranty, and could cause your device to fail – potentially leading to serious injury or death.
- Do not ride in extreme weather conditions such as snow, rain, hail, sleet, on icy roads or in extreme heat.
- The HOVER-X is not a skateboard. Never use it to ride off pavements or ramps, in a skate park, or in any way that is similar to a skateboard.
- Never turn the HOVER-X sharply, especially when travelling at high speeds.

PRECAUTIONS ...CONTINUED

- Do not spin around continuously on the HOVER-X, as this will make you dizzy and could cause you to fall and injure yourself.
- Do not mishandle your HOVER-X in any way, as this could damage it and cause the operating system to fail, which could lead to injury.
- Do not use your HOVER-X off-road.
- Do not ride in or near pools or other large bodies of water.
- Never drive in or close to puddles of water, mud, sand, stones, gravel or debris. Always steer clear of rough and rugged terrains.
- Do not operate your HOVER-X on steep slopes.
- Never jump on or off your HOVER-X.
- Never jump while you're riding the HOVER-X, as this may result in loss of control and you could injure yourself or others. Always keep your feet firmly on the HOVER-X while it's in operation.
- Never attempt tricks or stunts using your HOVER-X.
- The HOVER-X can be used on flat, even, paved surfaces. If you encounter areas of uneven pavement, you must lift your HOVER-X over and past the obstruction until you're back on an even surface.
- Never attempt to ride over surfaces or objects that are higher than 0.5 inches/ 1.2cm
- Always pay attention. You should be fully aware of other people, objects and property around you.
- Never use the HOVER-X in crowded areas.

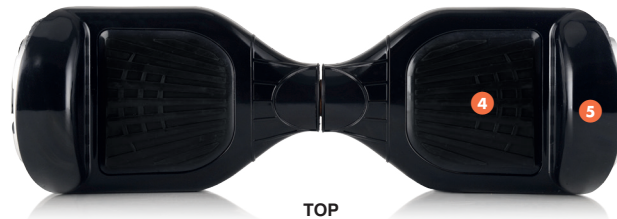
- When indoors, use extreme caution when operating your HOVER-X, especially around other people, property, and in narrow spaces – such as doorways.
- Do not use your phone to talk or text while operating your HOVER-X.
- Never use your HOVER-X where you are not permitted to do so.
- Never ride your HOVER-X on public roads, public pavements or close to motor vehicles.
- Do not attempt to ride the HOVER-X if you have poor balance skills.
- Never operate your HOVER-X in dark or dimly-lit areas.
- Be aware that you are 4.3 inches (11cm) taller when operating the HOVER-X, so consider this when travelling through doorways.
- Never ride the HOVER-X in areas where there are flammable materials, such as steam, gas, liquids or dust, or any material that could cause an explosion or fire.
- Always use your HOVER-X safely and responsibly.
- Pregnant women (or those who may be pregnant) should not use the HOVER-X.
- Do not use the HOVER-X if you have taken drugs or drank alcohol.
- Do not use the HOVER-X if you are feeling tired.
- Always exercise good judgment whenever you use your HOVER-X – to prevent possible danger.
- Always consider that you'll need a longer stopping distance if you are travelling at a higher speed.

INTRODUCTION

The HOVER-X is a high-tech, two-wheeled mobility device. It can be used both indoors and outdoors, thanks to its zero-degree turning radius and compact footprint. To use, the rider balances on two wheels that are fitted with battery-powered, brushless motors, while a technologically-advanced combination of digital gyroscope modules and acceleration sensors calculates their center of gravity and moves them along. It's easy to operate and control, and can move forwards or backwards, or turn left, right or a full 360 degrees. And as well as looking very cool, it's also environmentally-friendly!



YOUR HOVER-X



1 Light

2 Power button

3 Charging point

4 Foot pad

5 Wheel Arch



HOW DOES YOUR HOVER-X WORK?

A clever combination of digital electronic gyroscopes and acceleration sensors work together with the user's centre of gravity to control balance and motion. It's also fitted with an intelligent control system to drive the brushless motors that are located in the wheels.

There is a built-in stabilisation system that will help you balance as you move forwards or backwards, but this won't help you turn. So when turning, you will need to shift your weight onto either your left or right leg depending on which way you wish to turn to stabilise yourself, particularly when travelling at higher speeds.

WEIGHT & SPEED LIMITATIONS

Please be aware, the following weight and speed limitations are set for your own safety. Please adhere to the limits listed below.

Weight restrictions

Maximum weight: 120 kg / 18st

Speed limits

The HOVER-X is capable of reaching a maximum speed of 9 mph/15 km/h. As a safety precaution, it will beep when it has reached this speed to warn people of your presence. When operating the HOVER-X at high speeds, riders should be careful and wear protective gear.

CHARGING YOUR HOVER-X



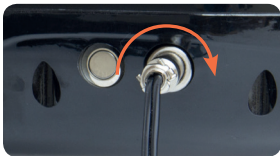
Always charge the battery before use, make sure the unit is fully charged.

Once the battery is fully charged, the indicator light on the top of the HOVER-X will become GREEN when you turn the unit on.



Charging your unit:

1. Make sure the charging port is dry and ensure there's no dust, debris or dirt inside it.
2. Plug the charger into a power supply (AC 220-240~50/60Hz), and make sure the light on the charger is GREEN.



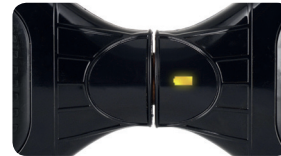
3. Connect the charging cable to the HOVER-X charging port - turning it clockwise to lock into position. The indicator light on the charger should now turn RED, to show the HOVER-X is being charged. When this RED indicator light turns GREEN, your HOVER-X is fully charged. The average time to fully charge is between two to three hours.



4. Finally, unplug the charger from your HOVER-X and unplug from the power source.

Charging information:

- If the GREEN light on your charger does not turn RED when you plug it into your HOVER-X, it could mean it's already fully charged, or that you need to check the cables to ensure you have a proper connection. To check the status of your battery on the display, push and hold the power button next to the charging port on the unit.



- If the unit shows a YELLOW battery icon, this means that the batteries are partially charged and need charging.
 - The charger will stop charging the unit when it is fully charged.
 - You must only use the charger included with your product.
- The best temperature in which to charge it are between 0°C - 40°C (32°F - 104°F). Extreme cold and extreme heat will mean your battery won't charge up fully.
 - For personal safety reasons, you must unplug your charger before standing on or using your HOVER-X.
 - Please note: only the indicator light on the charger will tell you the battery status when it's charging.
 - Be aware that the battery will run out faster if you are riding the HOVER-X at higher speeds and on inclines.

WARNING!

Do not attempt to open battery packs, as the cells contain toxic substances. If the HOVER-X gives off an unusual odour or excessive heat, or if it is leaking liquid, don't use the unit as the battery pack casing may be broken. Never touch a damaged or leaking battery pack.

BEFORE YOU GET GOING...

- For your personal safety it's recommended that you wear protective items such as (but not limited to) a helmet, knee pads, elbow pads, and wrist guards.



- To ride your HOVER-X, wear comfortable clothing and closed-toe shoes, such as trainers. Your clothes should not be so loose that they could get caught in the wheels or on another object, as this could make you lose control and cause injury.

WARNING!



We recommend you stop using the HOVER-X when the battery light indicator turns RED and charge the battery. If you turn on or are using the unit and the indicator light is solid red, stop using the HOVER-X – this shows that the battery power level is below 10 per cent full and the device needs to be recharged.

If the HOVER-X battery starts to become dangerously low, the light will flash red and the HOVER-X platform will tilt at an angle making it difficult to operate normally. If this happens, you must immediately slow down and stop, step off and turn the unit off then recharge the battery. You must not attempt to ride again until the battery has been fully charged.

HOW TO MOUNT YOUR HOVER-X

There is no correct 'front' or 'back' of the unit; the HOVER-X works in both directions. You should exercise caution when getting on and off it, and hold on to fixed objects to stabilise yourself. Always step forwards to mount the HOVER-X, and backwards to dismount.

Please note: when attempting to stand on the HOVER-X for the first time, you may want to hold on to someone or something until you have gained your balance. You may also want to enable 'beginner mode' - see page 14 for details.

To mount your HOVER-X

1. Place the HOVER-X in front of you on flat, level ground.
2. Press the power button to turn the HOVER-X on. Make sure the battery light is GREEN (this shows the unit is charged up). You'll find the power button next to the charging port.
3. Use your dominant foot to step forward and place it lightly on the HOVER-X.
4. Stabilise the HOVER-X by finding the correct, comfortable balance using your dominant foot.
5. Once you feel the HOVER-X is stable, shift your weight onto your dominant foot, then quickly bring your other foot up onto the HOVER-X.
6. Ensure you are completely stable before you start to move.
7. Your feet should be shoulder-width apart and your posture should be relaxed and upright with your knees slightly bent. Do not stand in the center of the HOVER-X.

IMPORTANT!

Never lift the HOVER-X off the ground when it is turned on, and never turn it on when it's in mid-air.

To dismount your HOVER-X

1. Bring the HOVER-X to a complete standstill.
2. With your dominant foot, angle your toes slightly downwards to stop the HOVER-X from rolling backwards.
3. Using your non-dominant foot, quickly step backwards and place it on the ground.
4. When your non-dominant foot is firmly on the ground, take your other foot off the HOVER-X too – so you are safely on stable ground.



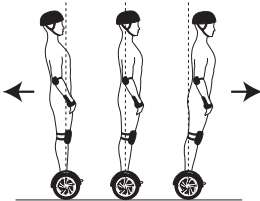
HOW TO RIDE YOUR HOVER-X

How to move forwards

Lean forwards slowly on both of the platforms so weight is transferred to the balls of your feet and/or point your toes downwards to move forward.

How to move backwards

Lean backwards on both of the platforms so weight is transferred to your heels and/or rock your heels backwards.



As the diagram shows, your center of gravity will dictate the direction in which you move, accelerate, decelerate, and come to a standstill.

How to turn right

Point your left toes downwards, rotating the platform forward. The light on the left side will flash when turning.

How to turn left

Point your right toes downwards, rotating the platform forward. The light on the right side will flash when turning.

...and remember!

The more relaxed you are, the easier you will find it to manoeuvre.

USEFUL TO KNOW...

Beginner mode: the HOVER-X features a 'beginner's mode' which makes the unit less sensitive to movement. To enable this feature press the power button again within 2 seconds of switching the unit on. To switch back to 'normal' mode, simply turn the unit off and then back on again - the unit always turns on in 'normal' mode.

Auto Power-off: after 10 minutes with no use, the unit will switch off to save battery power.

Please note: the HOVER-X can travel 9-12.5 miles (15-20km) with a fully-charged battery in optimum conditions.

Some factors that can affect the operating range include:

- **Rider weight**

The weight of the rider will affect the travelling distance; a lighter user will have a greater range.

- **Ground terrain**

A smooth, flat surface will increase your travelling distance. Driving uphill, or on rough or uneven surfaces will dramatically reduce your range.

- **Air temperature**

Using and storing the HOVER-X at recommended temperatures will help maintain travelling distances, battery life, and the general performance of your device.

- **Battery maintenance**

Consistent battery charging and maintenance will help maintain battery performance and its operating range.

- **Speed/driving style**

Operating at a moderate speed will increase your distance; while travelling at high speeds for extended periods runs the battery down faster.

MAINTENANCE AND CARE

Your HOVER-X requires regular inspection and maintenance, as outlined below. Always ensure the power and charging cable is disconnected before you carry out these procedures.

How to clean your HOVER-X

- Switch off your HOVER-X.
- Ensure the unit is disconnected from the charger.
- Routinely check the HOVER-X (body and tyres) for damage or wear and tear.
- To clean it: wet a clean cloth with clean soapy water, then thoroughly wring out the cloth, so it's damp not wet. Then gently wipe the body of the HOVER-X carefully, taking special care so that water doesn't get into the power button, charging port, foot mats or tyres. If any liquid seeps into the device it will permanently damage the internal electronics.



How to store your HOVER-X

For its protection, your HOVER-X has been specially packaged in high quality corrugated cardboard. Please keep this box in case you need to return it for servicing or repairs.

If you won't be using the HOVER-X for an extended length of time, you should fully recharge the battery at least once every 60 days to stop it from completely draining. The battery cannot be removed, so should you need a new battery, please contact customer care.

- If the air temperature of the storage location is below 0°C (32°F), please do not charge the HOVER-X immediately. Instead, bring it into a warmer environment for 2-3 hours before you charge it.
- To store your HOVER-X, try wrapping it or sealing it within its original packaging to prevent dust from entering it.
- Store it in a dry environment indoors at a reasonable room temperature.
- Please be aware: if you disassemble your HOVER-X, you will lose your right of warranty on it.

Your HOVER-X has built-in over-temperature protection designed to protect it from high internal temperatures which may result from continuous use and re-charging and/or if left in an extremely hot environment or a combination of both. If your HOVER-X stops working at any time please first leave it for several hours in a cool environment without charging it and then try using again before contacting a customer service agent.

System check



When the unit is turned on, an automated system check is carried out which is shown by a 'bird' icon on top of the unit. A GREEN icon means the unit is ok to use. A RED icon means you should switch the unit off and contact customer care.

CUSTOMER CARE

If you have any questions or experience any difficulties, please call our HOVER-X Careline on **+44 (0) 1242 702345** or email us at: **info@the-hoverboard-shop.com**

To reorder additional accessories, please visit **www.the-hoverboard-shop.com** or contact your local distributor.

GUARANTEE

To register your two year guarantee online, visit:

www.the-hoverboard-shop.com/warranty

If you have any questions, or if you experience any difficulties with this product, please call our customer care line on +44 (0)1242 702345 or email us at info@the-hoverboard-shop.com

Your Bodi-Tek HOVER-X is guaranteed for two years from the date of purchase and is limited to the first purchaser. This covers defects and failure caused through normal use, but excludes damage resulting from misuse. This guarantee is void if the product has been tampered with or unsealed. This guarantee does not limit the purchaser's rights under the Sale of Goods Act, Guarantees Act or any other legislation.

To register your two year guarantee online visit:

www.the-hoverboard-shop.com/warranty

DISPOSAL



The Waste of Electrical and Electronic Equipment (WEEE) Directive (2012/19/EU) has been put in place to recycle products using best available recovery and recycling techniques to minimise the impact on the environment, saving energy and resources and avoiding hazardous materials from going to landfill.

The product is classed as Electrical or Electronic equipment so please ensure that at the end of the life of this product it is disposed of in the correct manner in accordance with local authority requirements. It must NOT be disposed of with household waste.

IMPORTANT INFORMATION

- Misuse of this product can cause harm.
- This product must only be used for its intended purpose as described in this user guide.
- There are no user serviceable parts inside the unit.
- If you feel unwell while using the product, turn off the device immediately.

TECHNICAL SPECIFICATIONS

Weight	Approx.: NW/10kgs. GW/11.5kgs
Dimensions	590mm(w) x 180mm(d) x 170mm(h)

Adapter

Input	AC 220-240~50/60Hz
Output	DC 36V \Rightarrow 1.6A

Use only power adaptor supplied with this product (model: HG6S360160, DC 36V \Rightarrow 1.6A)

Environment

Temperature Operating	5 to 35 degrees Celsius
Storage	0 to 40 degrees Celsius
Humidity Operating	10% to 80% RH
Storage	5% to 90% RH



Read these instructions carefully before use and then retain for future use.



This product complies with current EU product legislation.



HOVER-X™



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