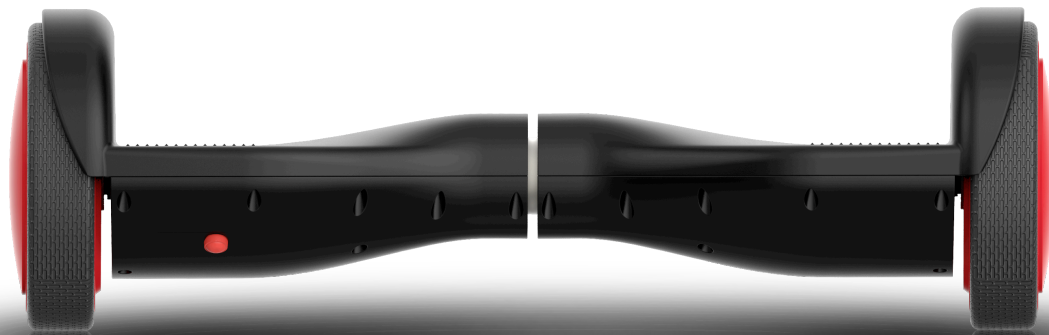




## **Guide and Manual**

Before using the Hovertrax,  
**READ THROUGH THESE INSTRUCTIONS COMPLETELY!**



**Inventist,® Inc.**





## **WARNING**

Whenever you ride the Hovertrax you risk serious injury or death from collisions, falls or loss of control. To ride safely, YOU MUST READ AND FOLLOW ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL.

This manual includes basic operational instructions for the Hovertrax. It cannot cover all situations where injury or death may occur. OPERATORS MUST USE GOOD JUDGMENT AND COMMON SENSE TO DETECT AND AVOID HAZARDS AND DANGERS that they may encounter when riding the Hovertrax. By using the Hovertrax, you accept of the inherent risks of operating this product.

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## **Introduction**

Congratulations on your purchase of the new Hovertrax! Invented to transcend transportation and focus on practical movement, this stylish and compact transporter celebrates personal and intuitive mobility. The Hovertrax is fun to use and easy to ride. It's both portable and stylish. Experience cutting edge technology as you glide effortlessly along on your way to your destination.

This manual will help you set up and use the Hovertrax. It is important that you adhere to all safety warnings and cautions that appear throughout and that you use good judgment when riding.

Traveling on the Hovertrax is a lot of fun—we hope you'll think so, too.



## **RISK OF INJURY**

Whenever you ride the Hovertrax, you risk injury from loss of control, collisions and falls. It is your responsibility to learn how to safely ride the Hovertrax in order to reduce the risks of riding.

This manual is designed to help you learn safe riding techniques.

**NO ONE SHOULD USE THE HOVERTRAX UNLESS THEY HAVE READ THROUGH THE MANUAL.**

Review all the material frequently to help remind you of proper riding techniques and safety procedures.

# IMPORTANT WARNINGS FOR SAFE USE

For your safety, READ THIS MANUAL IN ITS ENTIRETY, before you use the Hovertrax.

**⚠️WARNING:** Always inspect the Hovertrax prior to use. Properly inspecting and maintaining your product can reduce the risk of injury. Always check the battery charge before using the Hovertrax. Do not ride the Hovertrax when its battery is low, as indicated by a solid red indicator light or shaking of the wheels during operation. The Hovertrax may stop operating and cause you to fall.

**⚠️WARNING: ALWAYS WEAR A HELMET WHEN RIDING.** Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place and protects the back of your head. Local LAWS may require riders of wheeled products to wear a helmet and other protective gear. Never ride the Hovertrax barefoot or in open-toed shoes or high-heels.

**⚠️WARNING:** Check local laws and regulations to see where and how you may use your Hovertrax legally. Follow all applicable laws for vehicles and pedestrians.

**⚠️WARNING:** Only use the Hovertrax indoors or on completely smooth surfaces. Avoid obstacles and slippery surfaces, which could result in a loss of balance or traction and cause a fall. See the section on Terrain for more guidelines.

**⚠️WARNING:** Do not exceed the maximum weight of 200 pounds (90 kilograms)—including backpacks and other items that might be carried. Exceeding the weight limit

could injure the rider and damage the Hovertrax.

**⚠️WARNING:** The Hovertrax should not be ridden by young children. Use your judgment about whether a rider has the necessary coordination, strength and maturity to use the Hovertrax. Only children 13 years old or older should be permitted to use the Hovertrax.

**⚠️WARNING:** Do not lift the Hovertrax off the ground when the unit is turned on. Do not turn on the Hovertrax in mid-air. These will cause the wheels to spin freely which could result in injury to yourself or damage to things around you.

**⚠️WARNING:** Do not modify the Hovertrax. Modifications could interfere with operating the Hovertrax and could result in serious injury and/or damage. Modifications void the Hovertrax's Limited Warranty.

**⚠️WARNING:** Since the Hovertrax balances by accelerating in response to your leaning forward, if you lean too far forward too quickly, the motor will not be able to catch up with you and you may fall. When you reach maximum speed the Hovertrax will tilt backward. DO NOT attempt to accelerate further or you will fall.

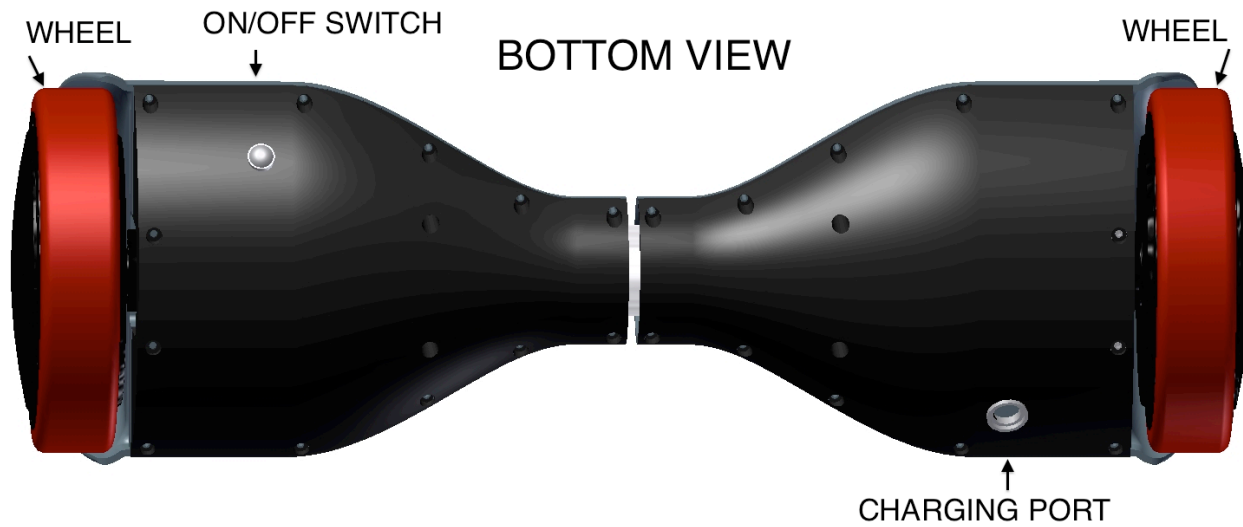
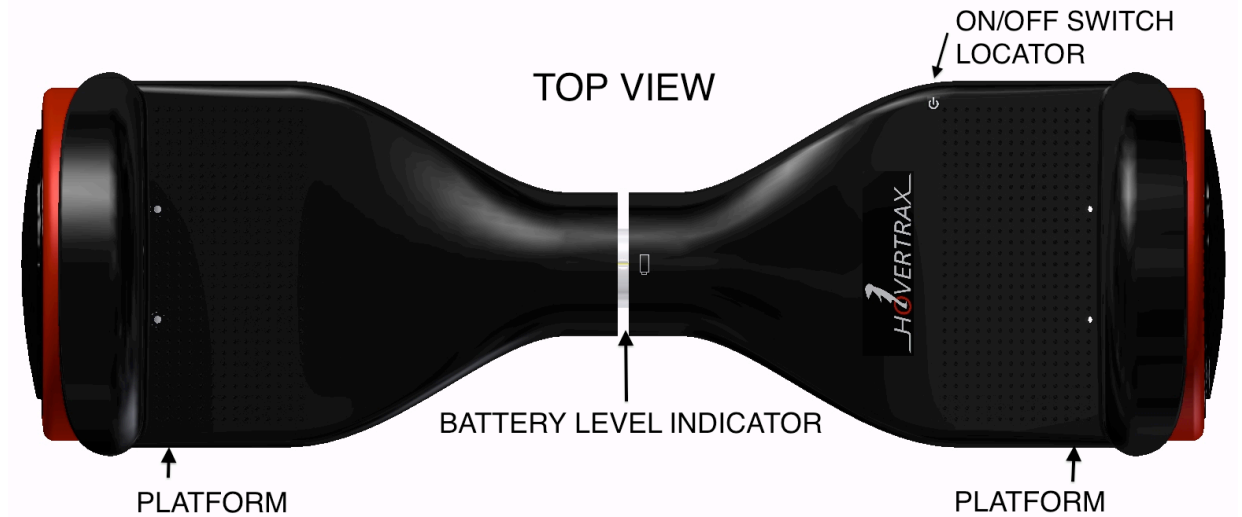
**⚠️WARNING:** Never operate any vehicle, including the Hovertrax, while under the influence of drugs or alcohol.

# Hovertrax Components

Your Hovertrax comes packaged in a high quality corrugated cardboard box for its protection. Please keep this box in case you need to send the Hovertrax back for service or repairs. If you use another box, Inventist will not be responsible for any damage caused during shipping.

Inside you will find:

1. The Hovertrax
2. Battery charger and power cord
3. User's Guide and Manual





# Getting Started

After unpacking your Hovertrax for the first time, follow all the steps below before you start riding.

## **Charging the Battery**

Your Hovertrax comes with a built-in LiFePO<sub>4</sub> (lithium ion phosphate) battery pack. Before you use the Hovertrax for the first time, you must fully charge the battery. Be sure to charge the battery in a clean, dry location away from direct sunlight flames or sparks.

1. Plug one end of the power cord into the Hovertrax. Plug the other end into a grounded AC outlet. The red charging light on the charger unit will turn on.
2. The charger may take up to one (1) hour to complete its charge. The red light on the charger will turn green once it is finished.

**IMPORTANT: If you are not regularly using your Hovertrax, you should fully recharge the battery at least every sixty (60) days. If the battery power drops too low, you may not be able to recharge it.**

## **Power Level Indicators**

Once the battery is fully charged, the indicator light on the top of the Hovertrax will be green when you turn the unit on. This is what the lights on the Hovertrax mean:

- Solid Green: indicates that the battery power level is 50 to 100 percent.
- Solid Blue: indicates that the battery power level is 10 to 50 percent.
- Solid Red: indicates that the battery power level is below 10 percent and should be charged.

**WARNING: The Hovertrax will notify you when the battery charge is dangerously low by slowing down and shaking the wheels when you are riding it. If these warnings occur, immediately slow down and safely step off. Turn the unit off. Do not attempt to ride again until the battery is recharged.**

# Riding Guidelines

**The Hovertrax is for indoors or smooth surfaces only.**

## **Riding Form**

- Learn to ride the Hovertrax in a large, safe area free from all forms of interference.
- Keep your posture upright, but relaxed. Align your body over the Hovertrax and use a wide stance with your feet close to the wheels.
- Be alert. Scan both far ahead and in front of you—your eyes are your best tool for safely avoiding obstacles and slippery surfaces.
- Hold your arms comfortably at your side.
- Start at a slow and comfortable pace. Never aggressively accelerate or lunge forward.

## **Preparation**

1. Always wear an appropriate safety helmet and other protective gear.
2. Wear comfortable clothes and shoes. Never ride the Hovertrax barefoot or in open-toed shoes or high-heels.
3. Make sure the battery is charged.

## **Riding Etiquette**

It is important to use proper etiquette when riding your Hovertrax.

- Be careful and considerate of others.
- Always ride under control at a speed that is safe for you and those around you.
- Always be prepared to stop.
- Respect pedestrians by always yielding the right of way.
- Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing. Pass on the left whenever possible. When approaching a pedestrian from the front, stay to the right and slow down.

# 7 Steps to Riding The Hovertrax

Once you have charged the battery, follow these seven easy steps:

1. Set the Hovertrax on the ground and turn the power on. The Hovertrax can face either direction. The green light on the top of the unit will light up. Put your dominant foot on the platform, next to the wheel. Use your foot to level the platform and activate the balancing system. The balancing system will not active until the platform is level.
2. With one foot on one platform stand up straight. Place your other foot on the other end of the platform.
3. Shift your body weight *gradually* forward to pick up speed. Do not lunge forward.
4. Shift your body weight backward to slow down or stop. If you continue to lean back, you will be able to travel backward.
5. To turn right, slightly tilt your right foot forward. To turn left, slightly tilt your left foot forward.
6. To rotate, slightly tilt one foot forward and the other foot backward.
7. When you are ready to get off, slow down, stop and step off with one foot first, then the other. Turn the Hovertrax off. If you do not turn it off, the Hovertrax will stay on for five (5) minutes allowing you to step on and go again without engaging the on/off switch. It will shut off automatically after five (5) minutes.

**REMEMBER:** Do not lift the Hovertrax off the ground when it is turned on. Do not turn on the Hovertrax in mid-air.

## **Hovertrax Tips**

- Remember to check for the green indicator light before you get on. If it is not lit, the unit is not on and you will fall.
- Do not stand on or near the center or rotating portion of the foot platform.
- Remember to keep your body relaxed through your back and legs. Stand naturally.
- Practice controlled stopping.
- If you stand with one foot on the platform with the unit on, keep your foot level, or the Hovertrax will move.
- Be aware of the width of the Hovertrax and the path you are traveling. Make sure you will fit.

**IMPORTANT:** The top speed of the Hovertrax is five (5) miles per hour (8 kilometer per hour). When you approach the maximum speed, the Hovertrax will try to prevent you from accelerating further. It will tilt back in order to shift your weight backward. You may feel that you are being 'pushed' back or that you cannot make it go any faster. **Do not continue leaning or bending forward to try and increase your speed or you will fall.** Beyond the speed limit, the motor does not have enough power to catch you. Lean back and slow down.

# Terrain and Avoiding Hazards, Slips and Trips

The Hovertrax is intended for indoors or use on smooth, flat surfaces. However, to prevent loss of traction, you must always be careful when riding and learn to identify and avoid slippery and wet surfaces, loose materials, slopes, potholes and other obstacles.

Stop and step off the Hovertrax over unsafe surfaces or terrain.

The Hovertrax wheels must be able to grip the ground for you to stay upright. Slips occur when the Hovertrax loses traction, potentially causing loss of control and a fall. Abrupt maneuvers and riding over slippery surfaces, bumps, and loose objects and materials, may cause the Hovertrax to lose traction.

- Keep alert.
- Avoid riding on slippery surfaces such as wet floors, or any other surface that might cause slipping.
- Never jump on or off the Hovertrax with both feet.
- Avoid abrupt maneuvers such as fast starting or stopping.
- Avoid riding over loose objects or materials such as litter, gravel, sand or rocks.
- Do not ride up, down or across sloped ground.
- Avoid sharp turns.
- Avoid holes, grooves, cracks, steps and other obstacles.
- Avoid riding over any surface where the undercarriage may strike an object.
- Use caution when riding over any change in terrain.
- Avoid bumps such as thresholds.
- Do not ride in the dark when visibility is poor and you cannot see your surroundings clearly.
- Stay centered on narrow or elevated paths, staying clear of the edge.
- Do not step off forward when you are ready to get off – always step backward.
- Do not put your foot directly behind the wheel when stepping off the Hovertrax. The wheels may move backward over your foot.
- Do not stop or jump off the Hovertrax when it is moving. Always come to a complete stop before getting off.

# Maintenance and Care

## Maintenance

- Do not store the Hovertrax without recharging it first. Keep your Hovertrax in a place away from moisture or direct sunlight.
- If you will not be using the Hovertrax for an extended length of time, you should fully recharge the battery at least once every sixty (60) days to keep it from draining completely. The battery cannot be removed. Should you need a new battery, please see our web site for a list of authorized service representatives or contact us at sales@inventist.com.
- To clean the Hovertrax, use a damp cloth and a mild detergent.

## Safety Guidelines for Continued Use: An important message to all users

Periodically review this information and make sure that you understand all warnings, cautions, instructions and safety topics. Do not let others ride the Hovertrax until they have read this manual. Any type of wheeled activity can be hazardous. Wheels can, and are intended to move and it is therefore possible to get into dangerous situations and/or lose control and/or fall off. In such situations serious injury or death could occur. **Remember:** You are required to inspect and maintain this product to insure your safety.

- Always wear proper protective equipment, such as an ANSI, SNELL, CPSC or ASTM approved helmet and elbow and knee pads and wrist guards. Long sleeve shirts, gloves, long pants, closed-toe shoes (lace-up with rubber soles is best) are mandatory. Keep shoelaces out of the way of the wheels.
- The Hovertrax should not be ridden by young children. Use your judgment about whether a rider has the necessary coordination, strength and maturity to use the Hovertrax. Only children 13 years old or older should be permitted to ride the Hovertrax.
- Always be aware of the activity around you. Use the Hovertrax in areas free from fixed or moving hazards. Watch your surroundings for pedestrians, animals and riders of other wheeled devices.

FAILURE TO USE COMMON SENSE AND GOOD JUDGMENT AND HEED THESE WARNINGS CAN CAUSE SERIOUS INJURY. USE AT YOUR OWN RISK AND WITH APPROPRIATE AND SERIOUS ATTENTION TO SAFE OPERATION. USE CAUTION AT ALL TIMES. Understand that no safety gear can fully protect you. Only you can reduce the risks of using the Hovertrax by using it safely and with control at all times.

**LIMITED WARRANTY**  
**Limited Warranty for U.S. Consumers**

**1. Warranty**

Inventist Inc. warrants to the original consumer purchaser of the Hovertrax ("Purchaser") that the product will be free from defects in materials and manufacture on the date of purchase and will remain serviceable for a period of one year after the date of Purchaser's purchase, subject to the exclusions in the following paragraph.

**2. Exclusions from Warranty Coverage**

This Limited Warranty does not cover damage to the Hovertrax or any component part caused by any of the following: all external causes such as (but not limited to) dropping, accident, collision, abuse, vandalism, negligence, improper handling, maintenance, or storage, neglect; misuse such as riding over obstacles, overloading, racing, or otherwise using the Hovertrax contrary to the instructions and warnings contained in the user manual by Inventist; normal wear and tear, deterioration of paint, trim and appearance items that results from use and/or exposure to the elements; cleaning with a high-pressure water system, abrasives or solvents; damage and/or defects caused by unauthorized and/or improper attempts to repair, alter, disassemble or otherwise modify the Hovertrax or any of its components; damage caused by improper electrical connection, exposure to chemicals, water or excessive temperatures; and/or any damage and/or failure resulting from earthquake, fire, flood or other casualty or acts of God.

**3. Exclusion and Limitation of Other Warranties**

The preceding warranty is the exclusive warranty applicable to the Hovertrax and supersedes any prior, contrary or additional representations, whether oral or written. Any implied warran-

ties, including any warranty of merchantability or warranty of fitness for a particular purpose are limited in duration to the one year period of the preceding warranty.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

**4. Exclusive Remedy**

If the Hovertrax fails to conform to the preceding warranties, the Purchaser must notify Inventist within a reasonable time and in no event more than thirty (30) days after the discovery of the nonconformity by telephone to 360-833-2357 (country code 1) or by e-mail to [sales@inventist.com](mailto:sales@inventist.com). Inventist will provide a Return Authorization number and form. Purchaser must deliver the Product, together with proof of date of purchase to Inventist at the following address: Inventist Returns, 4901 NW Camas Meadows Dr., Camas, WA 98607 USA. Purchaser shall be responsible for and must prepay any shipping expense for return of the Product. Inventist will examine the Product and, in the event of a breach of warranty, will provide, at its sole option and within a reasonable period of time: (1) repair of any nonconforming Hovertrax or components or (2) replacement of any nonconforming Hovertrax or components with conforming product or components. Repaired or replacement products will conform to the warranty for the unexpired duration of the warranty period for the original, nonconforming Product. Inventist may use used or repaired material for all warranty claims. THE REMEDY SELECTED BY INVENTIST IN ACCORDANCE WITH THIS PARAGRAPH SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

**5. Exclusion of Consequential, Incidental, and Other Damages**

Inventist and its distributors and dealers SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES for breach of any warranty or for damages arising from nondelivery or from the use, misuse, or inability to use the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

#### **6. Choice of Law; Disputes; Severability**

The laws of the State of Washington (excluding application of its

choice-of-law rules) shall govern all matters arising out of or relating to this Limited Warranty, including without limitation, its validity, interpretation, construction, performance and enforcement. No action arising out of any claimed breach of warranty or breach of any remedial promise arising out of or relating to this Limited Warranty may be brought more than one (1) year after the cause of action has accrued. If any part of this warranty is found to be void or unenforceable, then the remainder shall have full force and effect, and the invalid provision shall be partially enforced to the maximum extent permitted by law.

#### **Warranty for Consumers Outside the U.S.**

For consumers who buy their Hovertrax outside the U.S., the terms of the preceding warranty apply. In addition, Inventist grants to such consumers any additional warranty rights prescribed by the domestic statutory law regarding consumer warranties in effect where the consumer buys the Hovertrax, and

Inventist does not curtail or limit those rights that cannot be excluded or limited under that law. The U.N. Convention on Contracts for the International Sale of Goods will not apply to the sale of the Hovertrax. Units purchased in the US must be returned to the US for any warranty repair.

#### **Warranty for Commercial Buyers Worldwide**

For buyers of the Hovertrax who use the product in their trade, business, or profession or for commercial activity, Sections 1, 2, 4, 5, and 6 of the preceding “Limited Warranty for U.S. Consumers” apply, but Section 3 of the Limited Warranty does not apply. Instead, the following provision applies:

**WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES OTHERWISE ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE.**

#### **Exclusion and Limitation of Other Warranties**

The express warranty contained in Sections 1 and 2 of the preceding “Limited Warranty for U.S. Consumers” is the exclusive warranty applicable to the Hovertrax and supersedes any prior, contrary or additional representations, whether oral or written. INVENTIST DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING ANY

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