



# BEAST

ELECTRIC SCOOTER  
WITH BLUETOOTH SPEAKER



OPERATION MANUAL  
HY-X10

# HELMETS SAVE LIVES!

Always wear a properly fitted helmet that complies with CPSC or CE safety standards when you ride your bicycle.



**Correct Fitting:**

Make sure your helmet covers your forehead.



**Incorrect Fitting:**

Forehead is exposed and vulnerable to serious injury.

# **WARNING!**

## **PLEASE READ THE USER MANUAL THOROUGHLY.**

**Failure to follow the basic instructions and safety precautions listed in the user manual can lead to damage to your device, other property damage, serious bodily injury, and even death.**

Thank you for purchasing the Hover-1 Beast Electric Scooter. Please read all instructions carefully before using and retain this manual for future use and reference.

This manual applies to the Hover-1 Beast Scooter.

- In order to avoid dangers that are caused by collisions, falls, and loss of control, please learn how to ride the Hover-1 Beast safely.
- You can learn operating skills by reading the product manual and watching videos.
- This manual includes all operating instructions and precautions, and users must read it carefully and follow the instructions.
- Hover-1 can not be held liable for damage or injury caused by failure to understand and follow the warnings and instructions in this manual.

### **ATTENTION**

1. Use only the supplied charger with this scooter.  
Charger Manufacturer: Jin Xin Yu Power (Shenzhen) Supply Co., Ltd.  
Model: XVE-4200150
2. The operating temperature range of the charger is 50° F-77° F (10-25° C).
3. The operating temperature range of the Hover-1 Beast is 32-113° F (0-45° C).
4. Do not ride on icy or slippery surfaces.
5. Read the user manual and warning labels before riding.
6. Store the Hover-1 Beast in a dry, ventilated environment.
7. When transporting the Hover-1 Beast, avoid violent crashes or impact.

## **LOW TEMPERATURE WARNING**

Low temperature will affect the lubrication of moving parts inside the Hover-1 Beast scooter, increasing internal resistance. At the same time, in low temperatures, the discharge capacity and the capacity itself of the battery will be significantly decreased.

Use caution when riding the Hover-1 Beast in cold temperatures (below 40 degrees F).

Doing so may increase the risk of mechanical failures of the scooter, which may lead to damage to your device, other property damage, serious bodily injury and even death.

## **SAFETY INSTRUCTIONS**

- Keep the device away from heat sources, direct sunlight, humidity, water and any other liquids.
- Do not operate the device if it has been exposed to water, moisture or any other liquids to prevent against electric shock, explosion and/or injury to yourself and damage to the device.
- Do not use the device if it has been dropped or damaged in any way.
- Repairs to electrical equipment should only be performed by the manufacturer. Improper repairs voids the warranty and may place the user at serious risk.
- Do not puncture or harm the exterior surface of the product in any way.
- Keep the device free from dust, lint, etc.
- Do not use this device for anything other than its intended use or purpose. Doing so may damage the device or lead to property damage, injury or death.
- This product is not a toy. Keep out of reach of children.
- Do not expose batteries, battery pack, or batteries installed to excessive heat, such as direct sunlight, or open flame.
- Do not allow hands, feet, hair, body parts, clothing or similar articles to come in contact with moving parts, wheels or drive train, while the engine is running.

- Do not operate, or allow others to operate, the Hover-1, until the user understands all instructions, warnings and safety features described in this manual.
- Check with your doctor if you have a medical condition that could affect your ability to use the Hover-1 Beast.
- Persons with head, back or neck ailments or prior surgeries to those areas of the body are not recommended to use this Hover-1 Beast.
- Do not operate if you are pregnant, have a heart condition, or have both.
- Persons with any mental or physical conditions that may make them susceptible to injury or impair their physical or mental capabilities to recognize, understand and perform all of the safety instructions and to be able to assume the hazards inherent in unit use, should not use the Hover-1 Beast.



## NOTES:

In this manual, the above symbol with the word "NOTES" indicates instructions or relevant facts the user should remember prior to using the device.



## CAUTION!

In this manual, the above symbol with the word "CAUTION" indicates a hazardous situation which, if not avoided, can cause minor or moderate injury.



## WARNING!

In this manual, the above symbol with the word "WARNING" indicates a hazardous situation which, if not avoided, can cause death or serious injury.

## SERIAL NUMBER

Please keep the serial number on file for warranty claims as well as proof of purchase.

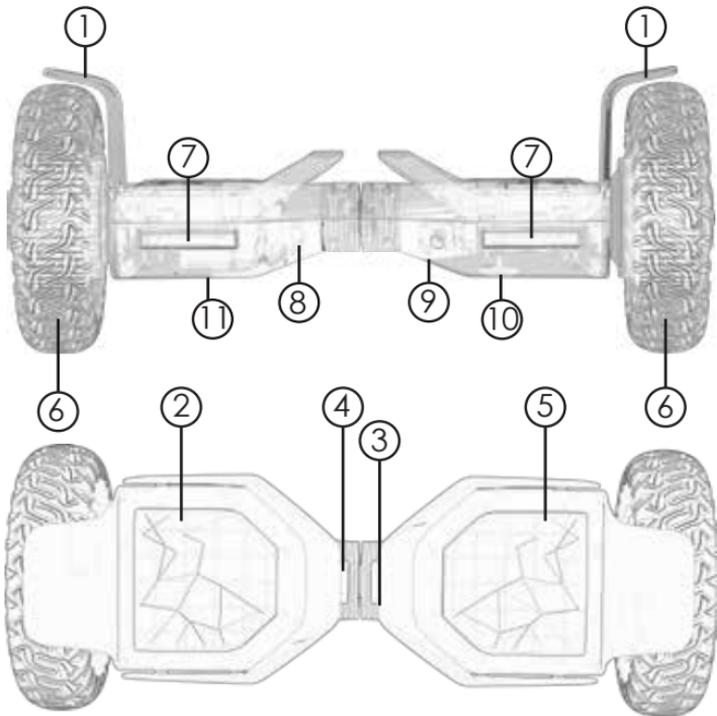
# INTRODUCTION

The Hover-1 Beast is a personal transporter. Our technology and production processes are developed with strict testing for each Hover-1 Beast scooter. Operating the Hover-1 Beast without following the contents of this manual may lead to damage to your Hover-1 Beast, or bodily injury.

This manual is designed to give you the information you need for the safe operation and maintenance of your Hover-1 Beast. Please read it thoroughly before riding your Hover-1 Beast.

## PACKAGE CONTENTS

- Hover-1 Beast Electric Scooter
- 3-pin Charge Cable
- Operation Manual



## FEATURES/PARTS

- |                      |                      |
|----------------------|----------------------|
| 1. Fender            | 7. LED Light         |
| 2. Left Foot Mat     | 8. Power Button      |
| 3. Running Indicator | 9. Charge Port       |
| 4. Battery Indicator | 10. Battery Cover    |
| 5. Right Foot Mat    | 11. Wireless Speaker |
| 6. Tire              |                      |

## OPERATING PRINCIPALS

The device uses digital electronic gyroscopes and acceleration sensors to control balance and motion, depending on the user's center of gravity. The device also uses a control system to drive the motors that are located within the wheels. The device has a built-in inertia dynamic stabilization system that can help assist with balance when moving forward and backwards, but not while turning.

TIP – To increase your stability, you must shift your weight in order to overcome the centrifugal force during turns, especially when entering a turn at higher speeds.

## WARNING

Any Hover-1 Beast that does not work properly can cause you to lose control and fall. Inspect the entire device thoroughly before every ride, and do not ride it until any problems have been corrected.

## SPECIFICATIONS

Model:	HY-X10 - Hover-1 Beast
Net Weight:	30 lbs (13.5 kg)
Load:	44-330 lbs (20-150 kg)
Max Speed:	Up to 7.45 mph (12 km/h)
Max Distance Range:	Up to 11 miles (18 km) (at 110lbs load)
Max Incline Angle:	20° degrees
Minimum Turning Radius:	0°
Battery Type:	Lithium-ion
Battery Voltage:	36 V
Battery Capacity:	4.3 Ah
Power Requirement:	AC 100-240V, 50-60 Hz
Wheel Size:	10 Inches (25.4 cm)
Product size:	28x11x12inch (730x280x300mm)
Bluetooth Range:	Up to 33ft
Bluetooth Speaker:	V4.0 with stereo sound quality

FCC ID: 2AANZX10

BT ID: D036974

# CONTROLS AND DISPLAY

**PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

## **TURNING YOUR DEVICE ON/OFF**

**Power On:** Take your device out of the box and place it flat on the floor. Press the power button (located on the rear of your device) once. Check the LED indicator (located in the center of your device). The battery indicator light should be lit, indicating the device is powered on.

**Power Off:** Press the power button once.

This Model also has self-balance mode: To activate this mode, press the power button twice when the scooter is on.

## **MAT SENSOR**

There are four sensors under the foot mats on your Hover-1 Beast. When the user steps off the scooter mats, it will automatically initiate self-calibration.

When riding the scooter, you must ensure you are stepping on the foot mats. Do not step or stand on any other area of your scooter.

Do not put items on the foot mats. Doing so will make the Hover-1 Beast turn on, and increase the probability of collision and cause injury to people, riders, or damage the device.

The Hover-1 Beast may vibrate or spin in one direction, if weight and pressure are applied to only one foot mat.

## **BATTERY INDICATOR**

The display board is located in the middle of the Hover-1 Beast.

- Green LED light indicates the device is above 50 percent.
- Red LED light indicates the power is down to 10 percent or lower.

When the LED light turns red, please recharge the device.

## **RUNNING INDICATOR**

When the operator triggers the foot mats, the Running Indicator LED will light up, which means that the system enters the running state.

When the system has an error during operation, the running LED light will turn red (for more details see SAFETY ALERTS).

# BLUETOOTH SPEAKER

The H1 has a powerful built-in wireless speakers so you can play your music while riding.

## PAIRING THE SPEAKER

1. Ensure your H1 is turned off. If it is not, please turn off your Hover-1 first before pairing.
2. Turn on your H1 and the speakers will "Ping" to announce that it's waiting for a Bluetooth® connection. This will indicate your Beast speaker is now in pairing mode.
3. Place the Beast and the Bluetooth® device to which you would like to pair it within the operating distance. We recommend keeping the two devices no further than 3 feet apart during pairing.
4. Ensure Bluetooth® is enabled on your phone or music device. Refer to manufacturer's instructions for how to enable Bluetooth® on your device.
5. Once you have activated Bluetooth® on your device, select the option "HY-X10" from the list of available Bluetooth® devices.
6. If required, enter the PIN code "000000" and confirm the entry.
7. The Beast will say "Paired" when successfully paired.
8. Please note, pairing mode on the Hover-1 will last for two minutes. If no devices are paired after two minutes, the H1 speaker will automatically return to standby mode.
9. If pairing is unsuccessful, turn off the H1 first and re-pair following the aforementioned steps.
10. If your smart phone is out of range, or the battery is low on your Hover-1 Beast, your speaker may disconnect from your smart device, and the Beast will say "Disconnected." To reconnect, follow the aforementioned steps, or recharge your scooter.

NOTE: Once you have paired the Beast speaker with a device, the speaker will remember this device and will pair automatically when the device's Bluetooth® is activated and in range. You do not need to re-pair any previously connected devices.

Your scooter can pair up to two multi-point devices. You can reconnect a previously paired device without going through the pairing or PIN process on up to two devices.

## LISTENING TO MUSIC

Once the Beast Bluetooth speaker is paired to your device, you can stream music wirelessly through it. Only one speaker will play music as the other speaker is strictly for safety alerts from your Hover-1. Select the track you wish to listen to on your device to listen via the speakers. All volume and track controls will be made using your music device. Should you encounter any problems while streaming, please refer to your device's user manual.

# BEFORE RIDING

It is important that you fully understand all elements of your Hover-1 Beast. If these elements are not used correctly, you will not have full control of your Hover-1 Beast. Before you ride, learn the functions of the various mechanisms on your scooter.

Practice using these elements of your Hover-1 Beast at slower speeds in a flat, open area before taking the device out in public areas.

## PRE-RIDE CHECKLIST

Ensure that your Hover-1 Beast is in proper working order each and every time you ride. If a part of the scooter does not function correctly, please contact our Customer Support Center.

### **WARNING**

Any Hover-1 Beast that does not work properly can cause you to lose control and fall. Do not ride a Hover-1 Beast with a part that is damaged; replace the damaged part before riding.

- Ensure the battery is fully charged before riding your scooter.
- Ensure that the screws on the front and back tires are locked firmly before each ride.
- Please wear all appropriate safety and protective gear as previously mentioned in the User Manual before operating your Hover-1 Beast.
- Make sure to wear comfortable clothes and flat closed-toe shoes when operating your device.
- Please carefully read the User Manual, which will assist in explaining the basic working principles and provide tips on how to best enjoy your experience.

# SAFETY PRECAUTIONS

The first rule in safe riding is to use common sense.

Different localities and countries have different laws governing riding on public roads, and you should check with local officials to ensure you are complying with these laws.

Hover-1 is not liable for tickets or violations given to riders who do not follow local laws and regulations.

- For your safety, always wear a helmet that meets CPSC or CE safety standards. In the event of an accident, a helmet can protect you from serious injury and in some cases, even death.
- Obey all local traffic laws. Obey red and green lights, one-way streets, stop signs, pedestrian crosswalks, etc.
- Ride with traffic, not against it.
- Ride defensively; expect the unexpected.
- Give pedestrians the right-of-way.
- Do not ride too close to pedestrians and alert them if you intend to pass them from behind.
- Slow down at all street intersections and look to the left and right before crossing.

Your Hover-1 Beast is not equipped with reflectors. It is not recommended that you ride in conditions of low visibility.

## **WARNING**

When you ride in low-visibility conditions such as fog, dusk, or night, you might be difficult to see, which could lead to a collision. In addition to keeping your headlight on, wear bright, reflective clothing when riding in poor lighting conditions.

Think about safety when you ride. You can prevent many accidents if you think about safety. Below is a helpful checklist for Compact riders.

## **SAFETY CHECKLIST**

- Do not ride above your skill level. Ensure you have had enough practice with all functions and features of your Hover-1 Beast.
- Do not ride too fast -- with increased speed comes increased risk. If you are moving at a higher speed, small bumps can turn into large impacts, leading to a higher risk of injury if an accident occurs.
- Do not ride with pets.
- Before stepping on your Hover-1 Beast, make sure it is placed flat on level ground, the power is on, and the Running Indicator light is green. Do not step on if the Running Indicator light is red.
- Do not try to open or modify your Hover-1 Beast. Doing so, voids the manufacturer warranty and may cause your Hover-1 Beast to fail, resulting in injury or death.
- Do not use the Hover-1 Beast in a manner that would put people or property in danger.
- If you and your friend(s) are riding Hover-1 Beasts together, be sure to keep a safe distance between each other to prevent collisions, property damage, serious injuries or even death.
- Be sure to keep your feet on the pedals at all times. Moving your feet off your Hover-1 Beast while driving is dangerous and may cause the Hover-1 Beast to stop or veer sideways.
- Do not operate the Hover-1 Beast while under the influence of drugs and/or alcohol.
- Do not operate the Hover-1 Beast when you are restless or sleepy.
- Use your best judgment to keep yourself out of dangerous situations with your Hover-1 Beast.
- Do not ride your Hover-1 Beast off of curbs, ramps, or attempt to operate in a skate park, empty pool, or in any way similar to a skateboard or scooter. The Hover-1 Beast IS NOT A SKATEBOARD. Misuse of your Hover-1 Beast, voids the manufacturer warranty and may lead to injury or damage.
- Do not continuously spin in place, it will cause dizziness and increases risk of injury.

- Do not abuse your Hover-1 Beast, doing so can damage your unit and cause failure to the operating system leading to injury. Physical abuse, including dropping your Hover-1 Beast, voids the manufacturer warranty.
- Do not operate in or near puddles of water, mud, sand, stones, gravel, debris or near rough and rugged terrain.
- The Hover-1 Beast can be used on paved surfaces that are flat and even. If you encounter uneven pavement, please lift your Hover-1 Beast over and past the obstruction.
- Do not ride in inclement weather: snow, rain, hail, sleet, on icy roads or in extreme heat or cold.
- Bend your knees when riding on bumpy or uneven pavement to absorb the shock and vibration and help you keep your balance.
- If you are unsure if you can safely ride on a specific terrain, step off and carry your Hover-1 Beast. ALWAYS BE ON THE SIDE OF CAUTION.
- Do not attempt to ride over bumps or objects greater than ½ in, even when prepared and bending your knees.
- PAY ATTENTION - look at where you are riding and be conscious of the road conditions, people, places, property and objects around you.
- Do not operate the Hover-1 Beast in crowded areas.
- Operate your Hover-1 Beast with extreme caution when indoors, especially around people, property, and narrow spaces.
- Do not operate the Hover-1 Beast while talking, texting, or looking at your phone.
- Do not ride your Hover-1 Beast where it is not permitted.
- Do not ride your Hover-1 Beast near motor vehicles or on public roads.
- Do not travel up or down steep hills.
- The Hover-1 Beast is intended for use by a single individual, DO NOT attempt to operate the Hover-1 Beast with two or more people.
- Do not carry anything while riding the Hover-1 Beast.
- Individuals with lack of balance should not attempt to operate the Hover-1 Beast.
- Pregnant women should not operate the Hover-1 Beast.

- Young children and the elderly should not operate the Hover-1 Beast.
- At higher speeds, always take into consideration longer stopping distances.
- Do not step forward off of your Hover-1 Beast.
- Do not attempt to jump on or off your Hover-1 Beast.
- Do not attempt any stunts or tricks with your Hover-1 Beast.
- Do not ride the Hover-1 Beast in dark or poorly lit areas.
- Do not ride the Hover-1 Beast near or over potholes, cracks or uneven pavement or surfaces.
- Do not operate your Hover-1 Beast off-road.
- Keep in mind that you are 4.3 inches (11.43 cm) taller when operating the Hover-1 Beast. Make sure to go through doorways safely.
- Do not turn sharply, especially at high speeds.
- Do not exceed the maximum or minimum weight limits.
- Do not step on the fenders of the Hover-1 Beast.
- Avoid driving the Hover-1 Beast in unsafe places, including near areas with flammable gas, steam, liquid, dust, fiber, which could cause fire and explosion accidents.
- This device is recommended for riders ages 15 and older.
- This shall not be operated to perform racing, stunt riding, or other maneuvers, which may cause loss of control, or may cause uncontrolled operator/passenger actions or reactions.
- Before riding, ensure that tires are in good condition and have sufficient tread remaining.
- Do not operate near swimming pools or other bodies of water.

 **WARNING:**

To reduce the risk of injury, adult supervision is required. Never use in roadways, near motor vehicles, on or near steep inclines or steps, swimming pools or other bodies of water; always wear shoes, and never allow more than one rider.

# RIDING YOUR Hover-1 BEAST

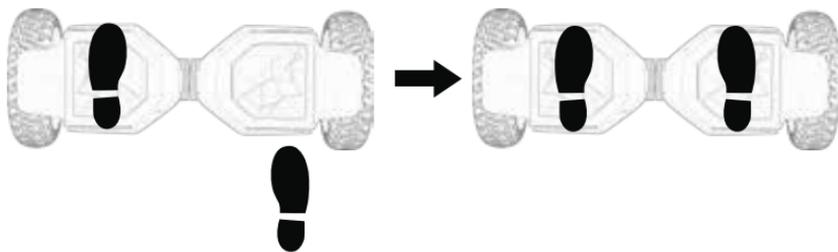
**FAILURE TO FOLLOW ANY OF THE FOLLOWING SAFETY PRECAUTIONS CAN AND MAY LEAD TO DAMAGE TO YOUR DEVICE, VOID YOUR MANUFACTURER WARRANTY, LEAD TO PROPERTY DAMAGE, CAUSE SERIOUS BODILY INJURY, AND CAN LEAD TO DEATH.**

Before using your device, be sure to familiarize yourself with the operating procedures.

## OPERATING YOUR DEVICE

Make sure the device is fully charged before your initial use. For charging instructions, please follow details under CHARGING YOUR DEVICE.

Stand directly behind your device and place one foot on the corresponding foot mat (as described in the diagram below). Keep your weight on the foot which is still on the ground, otherwise the device may begin to move or vibrate, making it difficult to step on evenly with your other foot. When you are ready, shift your weight to the foot already placed on the device and step on with your second foot quickly and evenly (as described in the diagram below).



## NOTES:

Stay relaxed and step on quickly, confidently and evenly. Imagine climbing stairs, one foot, then the other. Look up once your feet are even. The Hover-1 Beast may vibrate or spin in one direction, if weight and pressure are applied to only one foot mat. THIS IS NORMAL.

Find your center of gravity. If your weight is distributed correctly on the foot mats and your center of gravity is level, you should be able to stand on your device just as if you were standing on the ground.

On average, it takes 3-5 minutes just to get comfortable standing on your device and maintaining proper balance. Having a spotter will

help you feel more secure. The Hover-1 Beast is an incredibly intuitive device; it senses even the slightest bit of motion, so having any anxiety or reservation about stepping on may cause you to panic and trigger unwanted movement.

When you first begin using your device, the fastest way to move in your desired direction is to focus in that direction. You will notice that just thinking about which way you would like to go will shift your center of gravity, and that subtle movement will propel you in that direction.

Your center of gravity determines which direction you move, accelerate, decelerate, and come to a complete stop. As described in the diagram below, tilt your center of gravity in the direction you wish to move.

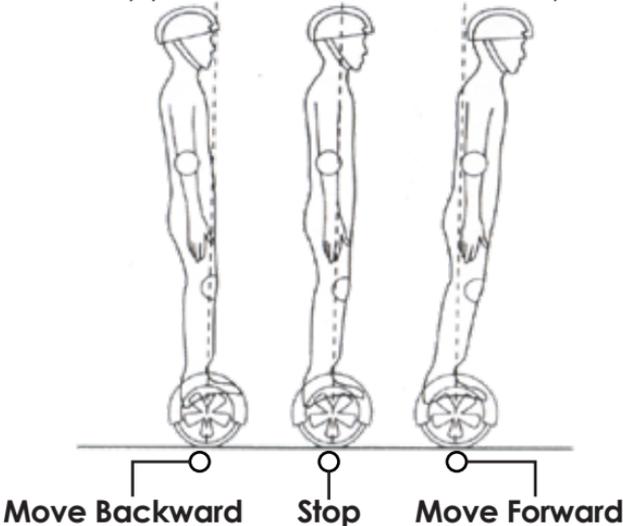
To turn, focus on the direction you wish to turn and stay relaxed.

**⚠ WARNING**

Do not turn sharply or at high speeds to avoid danger. Do not turn or ride quickly along slopes, as it may cause injury.

As you get comfortable on the device, you will notice it becomes easier to maneuver. Remember at higher speeds, it is necessary to shift your weight to overcome the centrifugal force.

Bend your knees if you encounter bumps or uneven surfaces, then dismount and carry your Hover-1 Beast to a safe operating surface.

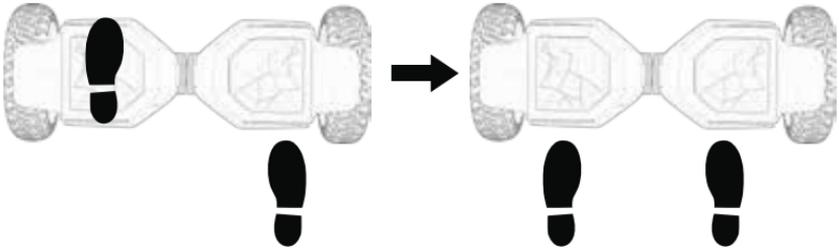




## NOTES:

Try staying relaxed and focus on finding your center of gravity to maintain full control of your Hover-1 Beast.

Dismounting your device can be one of the easiest steps, yet when done incorrectly, may cause you to fall. To properly dismount, from a stopped position, lift one leg up and set your foot back down on the ground (STEPPING BACK). Then step off completely as described in the following diagram.



## WARNING

Make sure to lift your leg completely off the foot mat to clear the device when stepping back to dismount. Failure to do so may send the Hover-1 Beast into a tailspin.



## NOTES:

If the Hover-1 Beast is not placed on a level surface, an alarm will sound and the warning indicator will light up and prevent the Hover-1 Beast from moving. Place the Hover-1 Beast on a level surface and try riding it again.

## WEIGHT AND SPEED LIMITATIONS

Speed and weight limits are set for your own safety. Please do not exceed the limits listed here in the manual.

- Maximum Weight: 330 lbs
- Minimum Weight: 44 lbs
- Maximum Speed: Up to 7.45 mph

## **WARNING**

Overweight exertion on the device may increase possibility of injury or product damage.

## **NOTES:**

To prevent injury, when max speed is reached, the Hover-1 Beast will beep to alert the user and tilt the rider slowly back.

## **OPERATING RANGE**

The Hover-1 Beast can travel a distance up to 10-11 miles on a fully charged battery in ideal conditions. The following are some of the major factors that will affect the operating range of your device.

- **Terrain:** Riding distance is highest when riding on a smooth, flat surface. Riding uphill and/or on rough terrain will reduce distance significantly.
- **Weight:** A lighter user will have further range than a heavier user.
- **Ambient temperature:** Please ride and store the device under recommended temperatures, which will increase driving distance; battery life, and overall performance of your device.
- **Speed and Riding Style:** Maintaining a moderate and consistent speed while riding produces maximum distance. Traveling at high speeds for extended periods, frequent starts and stops, idling and frequent acceleration or deceleration will decrease overall distance.

## **BALANCE & CALIBRATION**

If your Hover-1 Beast is unbalanced, vibrating, or not turning properly, you can follow the below steps to calibrate it.

- In order for the balance calibration system to work properly, please place the scooter on a flat, horizontal surface.
- Press and hold the ON/OFF button for a total of 15 seconds. The scooter will turn on, lighting the battery indicator on the board.
- Turn the board off and then turn the board back on. Press the power button twice. Calibration will now be completed.

# SAFETY ALERTS

While riding your Hover-1 Beast, if there is a system error or illegal operation performed the device will prompt the user in a variety of ways.

You will notice the Running Indicator Light will turn RED and you will hear a beep sound alerting you to take precaution and cease operation, which may make the device stop suddenly.

The following are common occurrences where you will hear the Safety Alerts. These notices should not be ignored, but appropriate action should be taken to correct any illegal operation, failure or errors.

- Unsafe riding surfaces (uneven, too steep, unsafe, etc.)
- When you step on the device, if the platform is tilted more than 17 degrees forward or backward.
- Battery voltage is too low.
- The device is still charging.
- During operation, the platform self initiates to tilt due to excess speed.
- Overheating, or motor temperature is too high.
- The device has been rocking back and forth over 30 seconds.
- If the system enters protection mode, the alarm indicator will light up and the board will vibrate. This typically occurs when the battery is about to run out of power and stop abruptly.
- **If the platform is tilted forward or backward more than 17 degrees, Hover-1 Beast will power off and stop suddenly, possibly causing the rider to lose balance or fall off.**
- If any or both tires are blocked, the device will stop after 2 seconds.
- When the battery level has depleted below protection mode, the device engine will power off and stop after 15 seconds.

- While sustaining a high discharge current during use (such as driving up a steep slope for a long period of time), the device engine will power off and stop after 15 seconds.

## **WARNING**

When the Hover-1 Beast turns off during a Safety Alert, all operation systems will halt. Do not continue attempting to ride the Hover-1 Beast when the system initiates a stop. Turn your Hover-1 Beast off and back on to unlock it from a Safety Lock.

# CHARGING YOUR Hover-1 BEAST

## CHARGING THE DEVICE

- Ensure that the charging port is clean and dry.
- Make sure that there is no dust, debris or dirt inside the port.
- Plug the charger into a grounded wall outlet.
- Connect the cable with the power supply (100V ~ 240V; 50, 60 Hz).
- Align and connect the 3-pin charging cable into the charging port of the Hover-1 Beast. **DO NOT FORCE OR BEND THE CHARGING CABLE INTO THE CHARGING PORT, AS IT MAY CAUSE THE PRONGS TO BEND OR BREAK.**
- The charging indicator light should change to RED, indicating that your device is now being charged.
- When the RED indicator light on your charger turns to GREEN, then your device is fully charged.
- A full charge may take up to 2.5 hours.
- After fully charging your Hover-1 Beast, unplug the charger from your device and from the power outlet.

# BATTERY CARE / MAINTENANCE

## BATTERY SPECIFICATIONS

Battery Type: Rechargeable lithium-ion battery

Charge Time: Up to 2.5 hours

Voltage: 36V

Initial Capacity: 4.3 AH

Working Temperature: 32°F - 104°F

Charging Temperature: 50°F - 77°F

Storage Time: 1 year

Storage Temperature: -4°F - 77°F

Storage Humidity: 5% - 95%

## BATTERY MAINTENANCE

The lithium-ion battery is built into the device. Do not disassemble the device to remove the battery or attempt to separate it from the device.

- When charging the device, please use the enclosed 3-pin charging cable or otherwise ensure that the battery charging conditions are met.
- Do not connect or attach the device or the battery to a power supply plug or directly to a car's cigarette lighter.
- Do not place the device or batteries near a fire, or into direct sunlight. Heating the device and/or the battery can cause additional heating,

breaking, or ignition of the battery inside the device.

- Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, rupture, or ignite.

To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries. Local, state, or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

## **WARNING**

Failure to follow the safety precautions listed below could lead to serious bodily injury and/or death.

- Do not attempt to modify, change, or replace your battery.
- Do not use your device if the battery begins to emit odor, overheats, or begins to leak.
- Do not touch any leaking materials or breathe fumes emitted.
- Do not allow children and animals to touch the battery.
- The battery contains dangerous substances, do not open the battery, or insert anything into the battery.
- Please only use the charger provided by Hover-1.
- Do not attempt to charge the device if the battery has discharge or emits any substances. In that case, immediately distance yourself from the battery in case of fire or explosion.
- Lithium-ion batteries are considered to be hazardous materials. Please follow all local, state and federal laws in regards to recycling, handling and disposing of Lithium-ion batteries.

## **WARNING**

SEEK IMMEDIATE MEDICAL ASSISTANCE IF YOU ARE EXPOSED TO ANY SUBSTANCE THAT IS EMITTED FROM THE BATTERY.

# BATTERY REPLACEMENT

The Hover-1 Beast comes with a replaceable lithium-ion battery. If you are experiencing problems with your battery, please contact our customer service department for steps on how to replace this battery. This battery should only be replaced using the same model from the same manufacturer listed below.

Battery Manufacturer: Shenzhen Elite Electronic Co., Ltd.

Battery Model: HY-CHH-1002U

To replace your battery, turn your Hover-1 Beast upside down, and remove the two screws that hold your battery door in place. Disconnect your lithium ion battery and remove it. Replace your battery with a new battery provided to you from the Hover-1 support team if required. Replace the battery door and affix the screws tightly.

# FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## FCC INSTRUCTIONS FOR A CLASS B DIGITAL DEVICE OR PERIPHERAL

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## CARE & MAINTENANCE

- Do not expose the device to liquid, moisture, or humidity to avoid damage to the product's internal circuitry.
- Do not use abrasive cleaning solvents to clean the device.
- Do not expose the device to extremely high or low temperatures as this will shorten the life of the electronic device, destroy the battery, and/or distort certain plastic parts.
- Do not dispose of the device in fire as it may explode or combust.
- Do not expose the device to contact with sharp objects as this will cause scratches and damage.
- Do not allow the device fall from high places, as doing so may damage the internal circuitry.
- Do not attempt to disassemble the device.
- Use only the charger provided by Hover-1.

### **WARNING**

Avoid using water or other liquids for cleaning. If water or other liquids enter the Hover-1 Beast, it will cause permanent damage to the internal components.

### **WARNING**

Users who disassemble the Hover-1 Beast scooter without permission will void the warranty.

# WARRANTY

This product comes with a 30 day limited replacement warranty for manufacturer's defects. This includes defects to the motor, gyroscopic sensor battery, etc.

This product comes with a 120 day parts and labor warranty. Shipping & handling costs are not included.

The condition of this warranty and our responsibilities under this warranty are as follows:

Manufacturer's warranty is non-transferable. And this warranty is limited to the original purchaser only.

\* You must be able to prove the date of original purchase of the device with a dated receipt.

\* Warranty period begins on date of purchase, not date of first use.

\* The warranty is not applicable if the product has been subject to physical abuse, improper installation, modification or repair by unauthorized third party.

\* The responsibility of manufacturer shall be limited to the repair or replacement of the product at its sole discretion.

\* Specifically exempt from any warranty are limited-life consumable components subject to normal wear and tear such as tires, decorates and other accessories.

\* The manufacturer will not take any responsibility if the failure of the unit has resulted from accident, abuse, misuse, or any unauthorized repair, modification or disassembly.

\* Modification and repair of the device should be done by authorized and qualified service personnel or the manufacturer.

\* This warranty gives you specific legal rights, and you may also have other rights which vary under local laws.

The following conditions comprise the requirements and scope of our warranty conditions and do not affect our legal and contractual warranty obligations.

We offer a warranty on our products in accordance with the following conditions:

1) The warranty does not cover over-charging, or damages due to improperly maintaining lithium-ion battery installed in unit. The warranty does not cover tires and other parts, which are considered consumables, parts that break easily such as glass or plastic or defects based on normal wear and tear. There is not warranty obligation in the event of marginal differences compared to the target appearance and workmanship provided these have a negligible effect on the product's fitness for use, in the event of damage caused by chemical or electrochemical effects, by water or generally from abnormal conditions.

2) The warranty will be performed in such a way that we shall decide whether to repair the defective parts or to replace them with working parts free of charge. Hover-1 reserves the right to exchange the product for a replacement product of equal value if the product sent in cannot be repaired within a reasonable time or at a reasonable cost. All repairs are performed at a Hover-1 facility. Parts that have been replaced or exchanged become property of Hover-1.

3) The warranty claim does not apply if repairs or other work is carried out by unauthorized persons or if our products are equipped with additional parts or accessories that are not approved for the Hover-1 Beast.

4) Warranties that have been activated do not cause the warranty period to be extended, nor do they trigger a new warranty period. The warranty period for any replacement parts installed ends with the warranty period for the entire product.

5) Any other further claims are excluded, especially those for replacement due to damage caused to the outside of the product, provided there is no obligatory legal liability.

We therefore accept no liability for accidental, indirect or other consequential damage of any kind, which leads to usage restrictions, data loss, and loss of earnings or interruption to business.

Asserting a warranty claim:

1) To make use of the warranty services, you must contact the Hover-1 Service Center by visiting [www.Hover-1.com](http://www.Hover-1.com) or emailing

support@hover-1.com

2) Hover-1 will try to diagnose and solve your problem. If it is determined that a warranty claim exists, you will be given an RMA number (Return Material Authorization) and will be asked to send the product to Hover-1.

**IMPORTANT:** Hover-1 will only accept parcels that have an RMA number.

Please observe the following when sending the product:

1) Send the product suitably packaged with carriage and insurance paid. The charger **MUST** be included. Use only a carrier that provides tracking.

2) Mark the RMA number on the outside of the package in such a way that is visible and clearly legible.

3) You must enclose a copy of the receipt as proof of purchase.

4) Once Hover-1 has received the product, it will meet its warranty obligations in accordance with the warranty conditions and will return the product to the sender. Outbound return shipping will be paid by Hover-1.

#### SERVICE OUTSIDE OF WARRANTY

Hover-1 can refuse any service claim made that is not covered by the warranty. Please contact support@hover-1.com for pricing and availability of repairs, outside of warranty.

If Hover-1 agrees to provide a service outside the warranty, the customer will be invoiced for all repair and transport costs. Hover-1 will not accept any packages that have not first been approved by Hover-1 by means of an RMA (Return Material Authorization).

Contact us with questions at:

support@Hover-1.com

wwwHover-1.com

Hover-1

Edison, NJ 08837

Affix Serial Number Label Here:

## DESIGN

Hover-1 Beast is designed to be easily controlled, providing a safe stable form of travel. With a zero degree turning radius, you can operate Hover-1 Beast in narrow spaces without moving forward at all. The built-in sensors are responsive with a balancing system. Accelerate or decelerate simply by applying pressure with your feet or by leaning. Two driver motors are controlled independently or with both feet for easy turns, rotations and smooth breaking. The Hover-1 Beast only requires around 2.5 hours of charging for a full charge.

## PERFORMANCE

Hover-1 Beast is a two-wheel balancing electric scooter. It provides a convenient, stable form of transportation, responsive to weight and angles, making it easier and safer to control, allowing you to travel up to 11 miles at up to 7.45 mph.

- TRAVEL UP TO 11 MILES
- MAXIMUM SPEED OF UP TO 7.45 MPH
- SUPPORTS UP TO 330 LBS
- FULLY CHARGES IN UP TO 2.5 HOURS