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SX-2000 Hoverboard



Colours and designs may vary

User Manual

[Revision 1.0]

THE BATTERY MAY HAVE SOME CHARGE ON ARRIVAL, IT IS IMPORTANT HOWEVER THAT THE BATTERY IS CHARGED PRIOR TO USE.

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description, and packaging.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **INJURED** if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases, or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol, or medication.
- This equipment is not intended for use by persons with reduced physical, sensory, or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well-ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start, or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines **OUTSIDE** only, and far away from windows, doors, and vents.

General Equipment Use and Care

- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage, or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases, or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids, or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!



• **WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.**

- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

Hoverboard Safety

- Riding can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. The product can and is intended to move, and it is therefore possible to lose control, fall-off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur, you can be seriously injured or die, even when using safety equipment and other precautions. **RIDE AT YOUR OWN RISK AND USE COMMON-SENSE. FAILURE TO USE COMMON-SENSE AND HEED ALL SAFETY WARNINGS AND RECOMMENDATIONS INCREASES RISK OF INJURY. USE THE PRODUCT ONLY WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.**
- **APPROPRIATE RIDER USE AND PARENTAL SUPERVISION** - The recommended minimum rider age of 8 years is an estimate only, and can be affected by the rider's size, weight or skills. Any rider unable to adequately understand the controls or techniques required to ride the product should not attempt to ride it. A parent's decision to allow his or her child to ride this product should be based on the child's maturity, skill and ability to follow rules.
- **MAXIMUM RIDER WEIGHT = 80KG** - Rider weight does not necessarily mean a person's size is appropriate to fit or control of the product, moreover the ability of the product to safely support the loads placed on it due to rider weight.

Acceptable Riding Practices and Conditions

- Handle your control, posture, speed etc so that you are able to maintain stability & stopping ability in the event of, loss of traction, loss of power from any condition such as battery exhaustion, control disruption, disruption of balance, moisture, overload cut-out, protection cut-outs etc. As with any vehicle or mechanical product, there is always a chance of failure.
- Always check and obey any local laws or regulations which may affect the locations where the product may be used. Ride defensively. Watch out for potential obstacles that could catch the rubber wheels or force you to swerve suddenly or lose control. Avoid pedestrians etc who may enter your path and respect the rights and property of others.
- The product is meant to be used on private property and on closed courses and not on public streets or pavements. Do not ride in any areas where pedestrian or vehicle traffic is present.
- Do not activate the product unless you are in a suitable environment for safe riding.
- The product is not for indoor use.
- The product is only for recreational use only. Do not use it as a means of transportation.
- Do not use the product while under the influence of drugs and/or alcohol.
- Do not use the product to carry objects or loads.
- This product is manufactured for performance and durability but is not impervious to damage. Stunts or other aggressive riding can over-stress and damage the product, and the rider assumes all risks associated with how the product is cared for.

SX-2000 Hoverboard

- Be careful and know your limitations. Risk of injury increases as the degree of riding difficulty increases. The rider assumes all risk associated with aggressive riding activity.
- Never carry passengers or allow more than one person at a time to ride the product.
- Never use near steps, drops or bodies of water, such as swimming pools.
- Do not use the product on steep inclines, slippery, uneven, or rough surfaces.
- Keep your fingers and other body parts away from the rubber wheels and all other moving components.
- Never use headphones or a phone when riding.
- Never hitch the product to another vehicle or person.
- Do not ride the product in rain or wet conditions and never immerse the product in water – electrical components may be damaged by water or create other possible unsafe conditions.
- Before each use, check the tyres for obstructions or damage, and for any loose parts. Contact an authorised service centre for repairs, if required.
- Do NOT modify or attempt to repair the product as this may affect its performance and / or render it as dangerous.
- Never lean forward while riding.
- Always ensure your centre of balance is toward the rear of the scooter to reduce chances of accident during braking or impact with an obstacle or a rough or soft surface.
- If local laws and regulations allow riding in areas that could be exposed to other people or vehicles, do not exceed a speed of walking pace while in these areas.
- **WARNING! AUTOMATIC OR UNINTENDED ACTIVATION OF CRUISE CONTROL (IF EQUIPPED) WHILE CORNERING AT THE LIMITS OF THE VEHICLE OR RIDER, OR DURING PERFORMANCE OF A WHEELIE, COULD RESULT IN LOSS OF CONTROL, ACCIDENT, INJURY OR DEATH.**

Proper Riding Attire

- Always wear proper protective equipment, such as an approved safety helmet (with chin strap securely buckled), elbow and knee pads. A helmet may be legally required by local law or regulation in your area. A long-sleeved shirt, long pants and gloves are recommended. Always wear closed shoes (preferably lace-up shoes with rubber soles), never ride barefoot or in sandals or thongs, and keep shoelaces tied and out of the way of the rubber wheels, motor, and drive system.

Using the Charger

- The supplied charger should be regularly examined for damage to the electrical cord, plug, enclosure, and other parts. If any damage or malfunction occurs, do NOT use the charger again until it has been repaired or replaced.
- Use only with the recommended charger.
- Use caution when charging.
- The charger is not a toy and should be operated by adults only.
- Do not operate the charger near flammable materials.
- Do not clean or perform any maintenance on the product when it is being charged.

Additional Safety Warnings

- Before use, please read the user manual and safety warnings carefully, and make sure you understand and accept all the safety instructions. The user will be responsible for any loss or damage caused by improper use. Our company is not liable for tickets or violations given to riders.
- Before each ride, the user shall perform a full pre-operation check and ensure the battery is fully charged.
- For your safety, always wear protective gear such as a helmet or knee pads.
- Obey all local laws, stop signs, crosswalks, etc. Obey all traffic signals.
- The user's height should not be less than 120 cm/42 inches and weight should not be less than 20 kg/44 lbs.
- Never ride the vehicle after consuming alcohol or drugs.
- Do not ride without proper training and guidance. Check whether all safety labels are in place and understood before riding.
- Do not ride at high speed beyond your control or turn abruptly. Ride with correct driving technique.
- Do not perform stunts, tricks, or turn sharply. It can lead to serious injury and damage the hoverboard.
- Do not carry more than one passenger.
- Do not ride at night. Always wear shoes.
- Avoid obstacles, slippery surfaces, turning on hills, bumpy terrain, steep slopes, or anywhere near water.
- NEVER use in roadways or around motor vehicles. It is strictly forbidden to use on roads and highways.
- Always respect pedestrians. 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.
- Watch for cars pulling out into traffic and for the sudden opening of car doors.
- Be careful when riding on soft road edges, gravel, sand, and uneven surfaces. Ride slowly and avoid quick turns when riding on these surfaces.
- Do not weave in and out of traffic or swerve from side to side. Never hitch onto other vehicles.
- A crash can put extraordinary stress on the hoverboard components, possibly causing them to fatigue prematurely. Components suffering from stress fatigue can fail suddenly, causing loss of control or serious injury.
- Do not ride your hoverboard in wet weather, as electronic components will be damaged if exposed to water. Store indoors at the recommended temperature when not in use.
- The hoverboard is not equipped with reflectors; do not ride under low visibility conditions.



SX-2000 Hoverboard





















- The rider should be at least 8 years old. ADULT SUPERVISION IS REQUIRED.
- **FAILURE TO FOLLOW THE ABOVE INSTRUCTIONS AND MISUSE OF PRODUCT CAN RESULT IN DEATH OR SERIOUS INJURY OR DAMAGE TO THE PRODUCT. USE AT YOUR OWN RISK.**

Battery Care

- Do not leave unattended while charging. Do not charge for more than 6 hours.
- Do not store the battery in rooms with temperatures higher than 40°C/104°F or lower than 0°C/32°F.
- The lithium-ion battery is built inside the hoverboard. Do not disassemble the hoverboard to remove the battery or attempt to separate it from the hoverboard.
- Use only the charger and charging cable supplied or approved. Use of any other charger or cable may lead to damage to the product, overheating, and risk of fire.
- Do not place the hoverboard or batteries near fire or in direct sunlight. Heating the hoverboard and/or the battery can cause additional heating, breaking, or ignition of the battery inside.
- 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.
- Do not attempt to open, modify, change, replace or insert anything into the battery.
- Do not ride if the battery begins to emit an odour, overheats, or begins to leak.
- Do not touch any leaking materials or breathe fumes emitted. Please seek immediate medical care if you are exposed to any substance that is emitted from the battery.
- Do not allow children and animals to touch the battery.
- Do not attempt to charge the hoverboard if the battery has discharged or emits any substances. In that case, immediately distance yourself from the battery in case of fire or explosion.
- Lithium-ion batteries are considered hazardous materials. Please follow all local, provincial (state), and federal laws regarding recycling, handling, and disposing of lithium-ion batteries.

Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

 <p>Flammable Material Hazard Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p>Toxic Fumes / Dust Hazard Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p>Explosive Material Hazard Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p>Crush Hazard The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing, and head hazards.</p>	 <p>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p>Moving Parts Hazard Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>











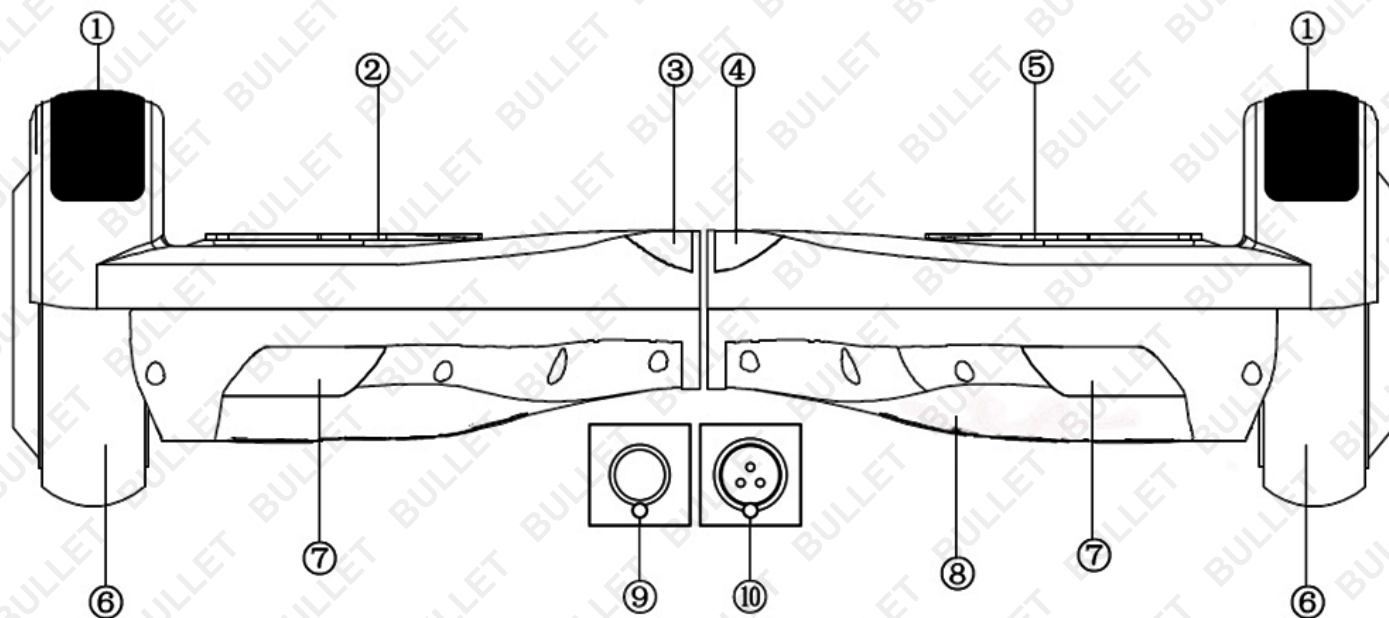
 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp, or wet conditions. Electrical shock can be fatal.</p>	 <p>Electrocution / Electrical Shock Hazard - Disconnect High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p>Power Line Electrocution Hazard High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	 <p>Choking Hazard Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.</p>



Table of Contents

Safety	2
Safety Symbols	6
Parts Identification	9
Operation	10
Power ON/OFF	10
Battery Indicator	10
Charging Your Hoverboard	10
Connecting To Bluetooth	10
Riding Range	11
Balance and Calibration	11
Driving Practices	11
Starting Guide	12
Alerts During Riding	13
Lithium Battery Care and Maintenance	14
Top 3 Battery Care Requirements	14
Maintenance	16
Specifications	17

Parts Identification



No.	Name	No.	Name
1	Fender & Strip Light	6	Tyre
2	Right Foot Mat	7	LED Light
3	Battery Indicator	8	Protective Cover
4	System Indicator	9	Power Button (REAR)
5	Left Foot Mat	10	Charging Port (REAR)

Operation

Do not use the hoverboard for high-speed sharp steering. Don't operate the hoverboard on slopes. It will lead to the hoverboard's balancing angle to offset, affecting your driving safety. Monitor battery usage when in use, the scooter may suddenly slow down as the battery charge reduces.

WARNING! AUTOMATIC OR UNINTENDED ACTIVATION OF CRUISE CONTROL (IF EQUIPPED) WHILE CORNERING AT THE LIMITS OF THE VEHICLE OR RIDER, OR DURING PERFORMANCE OF A WHEELIE, COULD RESULT IN LOSS OF CONTROL, ACCIDENT, INJURY OR DEATH.

Power ON/OFF

Press the power button (located on the rear of the hoverboard) once. The battery indicator light should be lit, indicating the hoverboard is powered on. To power OFF, press the power button again.

Battery Indicator

- **GREEN:** Indicates the hoverboard is fully charged or has sufficient battery.
- **RED:** Indicates low battery, often accompanied by a beeping sound. When the battery indicator turns red, please recharge your hoverboard as soon as possible.
- **ORANGE:** Indicates the hoverboard is charging and cannot be operated.

Charging Your Hoverboard

Only use the charger that came with your hoverboard.

- Insert the charger into a wall outlet and then connect the charging plug to the charge port on the hoverboard.
- When plugged in, the charger indicator will show a **GREEN** light when the hoverboard is fully charged and a **RED** light when it is charging.
- Charging time: 5-6 hrs. Never leave the charger unattended.
- It is not recommended to turn ON your hoverboard while charging. If the hoverboard is turned ON during charging, it will flash an **ORANGE** light indicating it is in charging status.

Connecting To Bluetooth

This hoverboard is equipped with a Bluetooth speaker.

1. Activate Bluetooth on your handheld device's settings.
2. Turn ON the hoverboard.
3. Find "Hoverboard" in your device's Bluetooth list and select it.
4. The Bluetooth speaker on the hoverboard will announce that a connection has been made, and now you can enjoy your music while riding.

If you experience issues connecting to Bluetooth, follow these steps:

1. Try restarting by turning it off and then on.
2. Click the search button to refresh.
3. If the issue persists, please contact customer support.

Riding Range

Several factors can affect the riding range of your hoverboard:

- **Driving Surface:** The longest riding distance is achieved on smooth, flat surfaces. Riding uphill or on rough terrain will reduce the distance.
- **Weight:** Heavier weight results in reduced distance.
- **Temperature:** Operating and storing your hoverboard under recommended temperatures can increase distance, battery life, and overall performance.
- **Speed and Riding Style:** Maintaining a moderate and consistent speed will prolong the distance. Frequent starts and stops will decrease the overall distance.

Balance and Calibration

If your hoverboard is unbalanced, vibrating, or not turning properly, follow these steps to calibrate it:

1. Place the hoverboard on a flat, horizontal surface, such as the floor or a table. Ensure the foot mats are even and not tilted forward or backward.
2. Ensure the charger is not plugged in and the hoverboard is turned OFF.
3. Press and hold the ON/OFF button for 8-10 seconds. The hoverboard will turn ON and the battery indicator will light up.
4. Once you hear a continuous beep, you may release the ON/OFF button.
5. Turn the board off and then back on. Calibration is now complete.

Driving Practices

WARNING! BEFORE YOU RIDE:

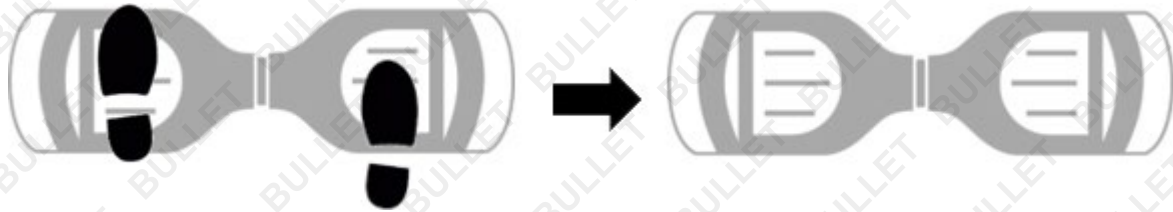
- Inspect the entire device thoroughly before every ride. Failure to do so may result in serious injury or death and damage to the unit. A malfunctioning hoverboard can lose control.
- Ensure you fully understand the functions of the hoverboard before riding. If not fully understood, you will not have full control of your hoverboard and may encounter risks.
- Ensure the battery of your hoverboard is fully charged and the tires are not worn.
- Always wear an approved helmet and other protective gear.
- Ride cautiously; expect the unexpected. Practice in an open area before riding in public. Individuals who lack balance should not attempt to operate or ride.
- Different places have different laws governing riding on public roads. Check with local officials to ensure you are complying with these laws.

Starting Guide

For beginners, getting comfortable with a hoverboard might be challenging and nerve-wracking. Having a spotter by your side can provide security and help you maintain balance during your initial trials.

1. Power ON the hoverboard by pressing the power button. Ensure the battery status indicator is ON.
2. **Getting on the hoverboard:**

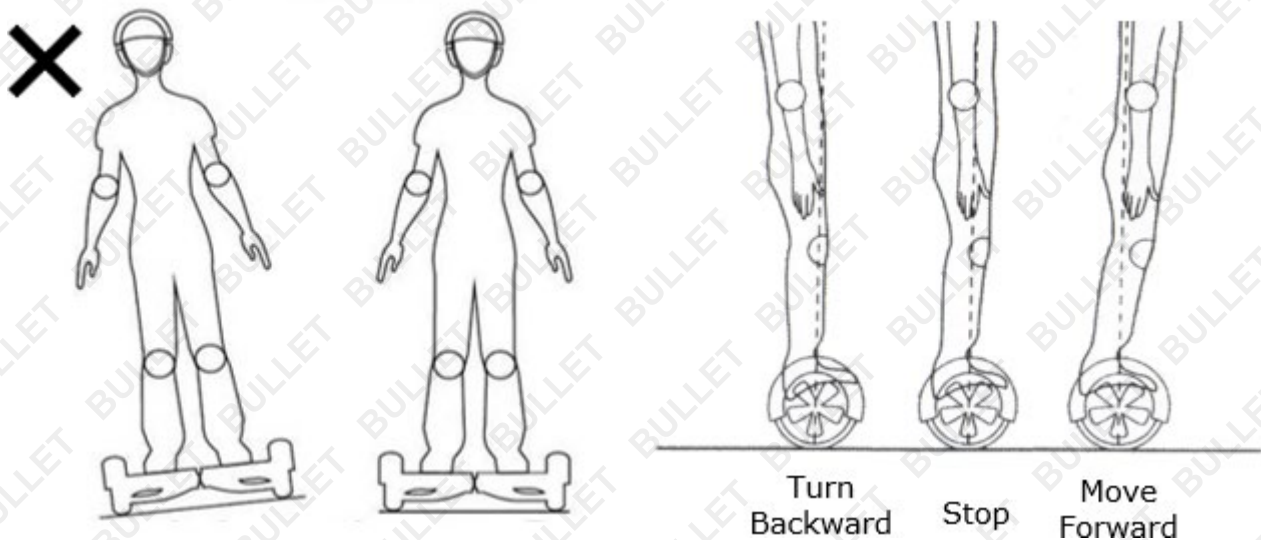
Stand behind your hoverboard and place one foot on the corresponding foot mat. Keep your weight on the foot that is still on the ground. If you shift your weight too soon, the hoverboard may begin to move or vibrate, making it difficult to step on evenly with your other foot. When you feel ready, shift your weight to the foot already on the hoverboard and step on with your second foot quickly and evenly.



Relax, and approach it as if you are climbing stairs: one foot, then the other. Look up once your feet are even. If weight and pressure are applied unevenly, the hoverboard may vibrate or spin in one direction.

3. **Moving:**

Keep the hoverboard steady. To move forward or backward, lean your body slightly in the desired direction.



Lean your body gently and in small increments to maintain control. Over-leaning can compromise driving safety and may lead to falls or loss of control.

4. **Turning the Hoverboard:**

To turn left: Push down with your right toes and gently shift your weight to the left.

To turn right: Push down with your left toes and gently shift your weight to the right.



IMPORTANT: Do not attempt to turn at high speeds and avoid riding across steep slopes for safety.

5. Dismounting from the Hoverboard:

Ensure the hoverboard is completely stopped and stable before attempting to step off.

Step off the hoverboard one foot at a time, always dismounting from the back side of the hoverboard to maintain balance and control.

These steps should help ease the learning process and improve your confidence and safety on a hoverboard. Remember, practice makes perfect, so take it slow and steady until you feel comfortable.

Alerts During Riding

During riding, if a system error occurs or improper operation is performed, the hoverboard will alert the user in several ways. You will notice the Running Indicator Light turn RED and you will hear a beep sound, alerting you to take precaution and cease operation, which may cause the device to stop suddenly.



Here are common scenarios where you will hear Safety Alerts. These alerts should not be ignored, and appropriate action should be taken to correct any illegal operation, failure, or errors:

- **Overspeed:** The device alerts when exceeding the speed limit.
- **Low Battery Voltage:** Alerts when the battery voltage is too low.
- **Unsafe Riding Surfaces:** Alerts if the surface is uneven, too steep, or unsafe.
- **Excessive Tilt on Mounting:** If the platform is tilted more than 10 degrees forward or backward when stepping on.
- **Excessive Tilt During Operation:** If the platform tilts too much due to excess speed.
- **Overheating:** Alerts if the motor temperature is too high.
- **Excessive Rocking:** If the hoverboard has been rocking back and forth for over 30 seconds.
- **System Protection Mode:** The alarm indicator will light up and the board will vibrate, typically occurring when the battery is nearly depleted.
- **Excessive Tilt:** If the platform is tilted forward or backward more than 10 degrees, the hoverboard will power OFF and stop suddenly, possibly causing the rider to lose balance or fall off.
- **Blocked Tyres:** The hoverboard will stop after 2 seconds if any or both tyres are blocked.
- **Depleted Battery:** When the battery level has depleted below the protection mode, the engine will power off and stop after 15 seconds.

CAUTION: Do not restart or ride your hoverboard after an empty battery condition has triggered an alarm or shutdown due to low battery. There is a risk of falling as the battery does not have enough power to keep you balanced. Additionally, this could damage your battery and significantly reduce its life.

Lithium Battery Care and Maintenance

Top 3 Battery Care Requirements

1. **Charge battery before first use.** The battery may arrive with some charge, regardless of this the battery must be charged for 5-6 hrs on the initial charge and 5-6 hrs for each subsequent charge. 
2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing. 

To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- If a battery is stored or otherwise unused for an extended period, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- The typical estimated life of a Lithium-Ion battery is about two to three years or 300 to 500 charge cycles, whichever occurs first. One charge cycle is a period of use from fully charged, to fully discharged, and fully recharged again.
- Explosion hazard – protect the battery against heat, for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating, or fire may result.

DANGER - BATTERY CHARGING, USE AND STORAGE

Like mobile phones, laptops, cordless vacuum cleaners etc, this product may contain or be related to a lithium ion battery pack (lithium ion batteries and lithium ion battery related items only). Lithium ion batteries allow fast charging and high capacities, however care must be taken to reduce chances of a fault, and increase safety in case a fault occurs. Catastrophic incidents involving lithium ion batteries have a tendency to result in large amounts of smoke and fire. Be sure to follow the points below to reduce the likelihood of danger whenever you use, charge or store any lithium ion battery.

- Never charge a battery that has been damaged or subjected to a forceful impact.
- Never charge a battery that has been exposed to moisture or water.
- Never charge a battery with a charger that wasn't supplied with the battery.
- Never use a battery in a device that it wasn't specifically designed for.
- Never use a battery with a modified or damaged device.
- Never modify the battery, product, charger, circuitry or wiring.
- Never charge a battery in an exit path that may be used by people to leave a room or building in case of an emergency, for example, the hallway or foyer of a residence.
- Never charge a battery in an area or building that doesn't have the recommended number of working smoke detectors that have been tested in accordance with local guidelines.
- Never charge a battery when the battery or charger is displaying a problem or charging incorrectly.
- Always charge batteries on a non-combustible surface, for example, on a concrete floor.
- Always charge batteries at least 3m away from anything combustible, such as floors, wall surfaces, furniture, storage shelves etc.
- Always charge batteries in an open area (outside if possible) ensuring the battery and charger are away from moisture and water.
- Always disconnect batteries from the charger after charging.
- Always remove or disconnect batteries from the device/product when not in use.
- Always ensure batteries are charged under adult supervision. Do not charge unattended. Do not charge batteries while no one is home or while people are sleeping.
- Keep batteries away from heat and moisture.
- Damaged batteries should be disposed of through your local e-waste collection service.
- Avoid mixing and matching chargers. Unplug products when fully charged, and charge batteries in a cool, dry place away from combustible materials like beds, lounges, or carpet.
- During charging and use, check your lithium-ion batteries for overheating, signs of swelling, leaking, or venting gas. Immediately stop using your product if these signs are present.
- Allow batteries to cool after use and before charging.

Maintenance

- **Avoid Moisture:** Do not expose the hoverboard to liquid, moisture, or humidity to prevent damage to the internal circuitry.
- **Temperature Exposure:** Avoid exposing the hoverboard to extremely high or low temperatures as this can shorten the lifespan of electronic components, damage the battery, and distort certain plastic parts.
- **Fire Hazard:** Do not dispose of the hoverboard in fire as it may explode or combust.
- **Cleaning:** Do not use abrasive cleaning solvents to clean your hoverboard. Instead, wipe it with a damp cloth and then dry it with a dry cloth. Avoid using water directly on the hoverboard as this could damage the frame or seat.
- **Storage:** Keep your hoverboard away from fire and excessive heat. Store the hoverboard in a dry indoor place.
- **Protection from Damage:** Avoid exposing the hoverboard to sharp objects to prevent scratches and surface damage. Avoid dropping it from high places.
- **Modifications and Repairs:** Do not attempt to disassemble or modify the hoverboard without proper authorization or instruction. Unauthorised modifications will void the warranty.

Following these maintenance and care guidelines will help ensure the longevity and safe operation of your hoverboard.

Specifications

Motor Type	Brushless
Power (Watts)	250W x 2
Battery Type	Lithium Ion
Battery Voltage	36V
Charge Time	5-6 hrs
Wheel Size	6.5 inches
Wheel Type	Rubber Tubeless Tyres
Max Climb Angle	8° (User Weight Dependent)
Maximum Range	Up to 10km
Max Speed	12km/h
Max User Load	80kg
Certifications	CE RoHS FCC UL

Note: No assembly required



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging, and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear, or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear, or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business, or employee, or financially affect the user, business, or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement, or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.





E-micromobility vehicle information

1

Brand:

Product name:

Serial number:

Certificate approval number (required from 1 August 2025):

This product complies with the following standards:

2

Vehicle specifications

Maximum speed:

Maximum weight:

Maximum continued rated power output (for e-bikes):

3

Before using this vehicle, check the applicable local laws relating to your intended use of the vehicle on roads, footpaths, shared paths, bicycle lanes and bicycle paths.

- e-bikes: transport.nsw.gov.au/ebikes
- other vehicles: transport.nsw.gov.au/skateboards-scooters-rollerblades

4

WARNING! Follow these safety instructions to reduce the risk of fire, explosion and electric shock.

DO:

- Only use batteries and chargers supplied or recommended by the manufacturer.
- Compatible products:

Model details and number:

Model details and number:

- Maximum charging time this vehicle should be charged for:
- Charge your vehicle and batteries in an open area away from combustible and highly flammable materials, such as beds, sofas and carpets.
- Store and charge your vehicle and batteries in a cool, dry place away from direct sunlight.
- Store and charge your vehicle and its batteries away from doorways.
- Allow time for batteries to cool before recharging or storing.
- Keep batteries away from moisture, heat and impact.

WARNING! Modifying or tampering with your vehicle can result in a fire, explosion or electric shock.

DON'T:

- Modify or tamper with any component of this vehicle.
- Charge this vehicle for more than the recommended charge time.
- Leave charging batteries unattended or on charge overnight.
- Use or charge a damaged battery.
- Use or charge this vehicle if it is damaged.
- Use batteries or vehicles that are overheating or showing signs of failure, such as swelling, leaking or venting gas.
- Buy or use a vehicle or battery that has been altered or modified.

 Learn more about lithium-ion battery safety: nsw.gov.au/lithium-ion-battery-safety

5 *This section is optional*

Do not attempt to repair your damaged vehicle, take it to a qualified repair person

For further information on service and repair of your vehicle or battery,

Insert preferred contact method, such as website, email or phone number

6 **WARNING! Fires involving lithium-ion batteries can occur rapidly and can be violent, involving toxic smoke and vapours, flames, and molten projectiles.**

If your vehicle or battery emits sparks, smoke or flames, evacuate the area and call Triple Zero (000). Close doors if safe to do so.

Warning signs include:

- Pungent odours
- Discolouration, blistering, bulging, or swelling of the casing
- Leaking electrolyte
- Heating up and becoming extremely hot to touch
- Abnormal popping, hissing or crackling sounds, smoke, and fumes

Never touch a swollen or ruptured device or battery with bare hands.

Seek urgent medical assistance if anyone has been exposed to spilled electrolyte, flying debris, smoke or vapours, or flames.

Make sure you know what to do if your device or battery is smoking or on fire:

fire.nsw.gov.au/batteries/what-to-do

7 *For vehicles where the battery can be separated from the vehicle*

Safely separate your vehicle battery for disposal by following these instructions:

Insert device specific instructions or link to instructions on how to safely separate battery

For all vehicles

WARNING: Do not dispose of this vehicle or components of this vehicle in household or kerbside garbage bins. When disposing of this vehicle or components of this vehicle, check the applicable local waste and disposal laws.

Learn how to safely dispose of your device and battery at: epa.nsw.gov.au/safe-battery-recycling

8 **Other important safety information**

Insert further safety information if required

9 *Insert name of business providing this information*

10 *Insert publication date of document*
