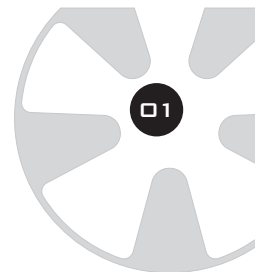


NEVA BOARD

GLIDE HAPPY



USER MANUAL



INTRODUCTION

**Thank you for purchasing the Neva Board -
the self-balancing, battery operated, two wheel vehicle.**

Before using please read this user manual carefully, taking particular notice of the safety warnings and precautions.

This manual will introduce you to basic riding skills and how to ride safely in order to avoid dangers that are caused by collisions, falls and loss of control.

Users are responsible for any consequences that are caused by not following the warning contents of this manual.

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1. OVERVIEW



1.1 Description

Safety and warning information to ensure every user can ride their self-balancing board safely and enjoy it. Familiarize yourself with every part of the self-balancing board manual, reading the warning and cautions will help you enjoy it more.

1.2 User Risk and Precaution

A self-balancing board is for personal transport. By not adhering or abiding to the user manual instructions you may cause danger towards yourself and others.

WARNING

Losing control or having a collision due to not following user instructions of the Neva Board manual may cause injury or even death. In order to minimize the risk of accidents please read the guidance on the following pages.

1.3 Preparation Before Use

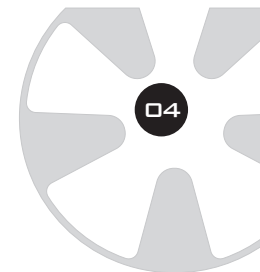
Any improper action will bring about danger to your personal safety and the safety of others.

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2. PRODUCT INTRODUCTION

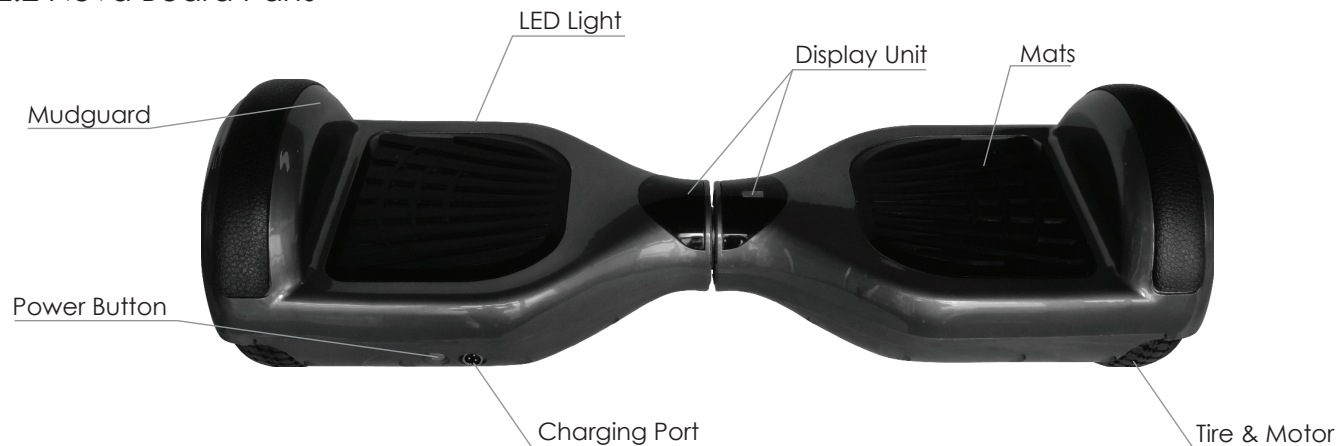


2.1 Description of Neva Board

Neva Board is a self-balancing high-tech electrical scooter. It is based on a dynamic balance principle, moving forwards, backwards and stop. It has easy to manage with flexible controls, low carbon output and green environmental credentials that is suitable for outdoor use.

Self-balancing boards are widely used in leisure walking, scenic tours, security patrol and many other fields.

2.2 Neva Board Parts



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2. PRODUCT INTRODUCTION



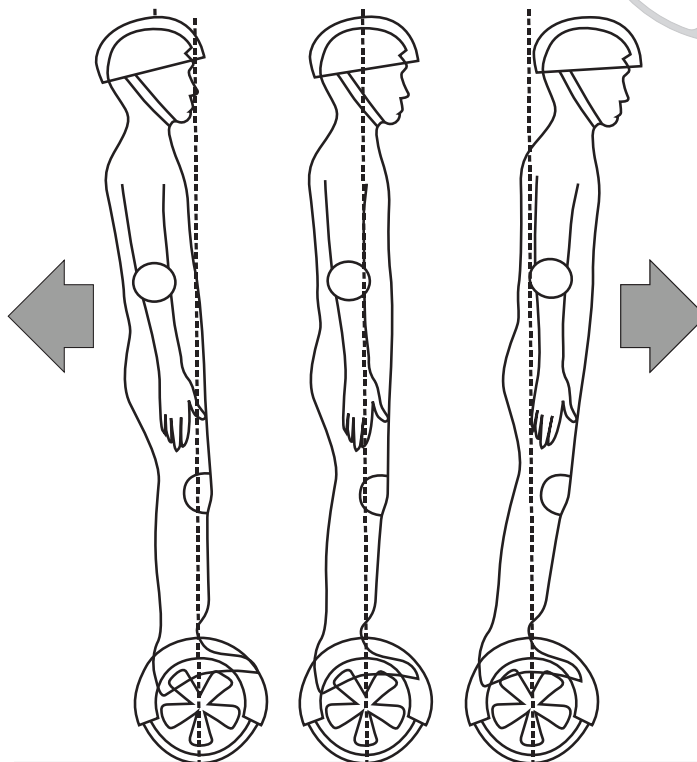
2.3 Working Principles

Neva Board uses gyroscope and acceleration sensors to control balance intelligently and dependent on centre of the gravity.

Self-balancing boards also use a servo-control system to drive the motor accurately so it works in sync with the human body. When you stand on the board and tilt your body forward or backwards the power unit will control the wheels in a forward or backward direction, adjusting balance when you need to turn, slow down, or move your body to the left or right.

The built-in inertia dynamic stabilization system controls the motion and direction, however it cannot guarantee the stability of sideways movements. When you ride the board, shift your weight in order to overcome the centrifugal force and the direction will adjust according to the pressure applied.

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3. CONTROL AND DISPLAYS



3.1 Power Button

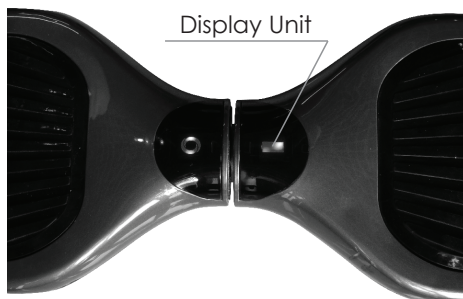
To start the board, press and hold this button and the same action to turn the board off.

3.2 Mat Sensors

There are four sensors under the mat which will automatically adjust to the balance mode when the user stands on the board. It is important that feet are planted evenly across the mats and footplates.

3.3 Display Unit

The display unit is located in the centre of the Neva Board and is designed to display the running information.



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3.4 Battery Display

The green light on the charger (transformer) indicates that the self-balancing board is fully charged. If the red light on the charger (transformer) is still displayed, this indicates that the Neva Board is not fully charged yet.

IMPORTANT

When the LED indicator light turns green, you must take off charge straight away to prevent the charging life of the battery being diminished.

Green LED light - Neva Board is fully charged.

Yellow LED light - Power is down to 50%

Red LED light - Power is approx 20%. Re-charge straight away.

Running LED - When the operator triggers the foot switches, the running LED will light up. This means that the system enters the motion state. If the system has an operating error the running LED light will turn to red.

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4. SAFETY



We hope every user can enjoy riding Neva Board safely with maximum fun and enjoyment. Learning how to ride a bicycle, drive a car, ski or similar means of transportation are experiences that can be applied to our products. We strongly recommend that you read the user manual carefully before riding for the first time. Checking tyres are damaged or parts have become loose before driving is essential. If in any doubt about abnormal operating conditions please contact your local dealer for assistance or repair.

Particular attention must be taken when recognizing speed limits, vibration alerts and safety shutdowns etc. DO NOT modify the parts of self-balancing board as it will affect the performance and could cause serious injuries.

4.1 Weight Limit

Maximum load : 100kg. Minimum load : 20kg

4.2 Maximum Range

Factors that will affect the drive distance:

- Terrain: A smooth, flat surface will increase the riding distance but inclines and rough uneven surfaces will have a contrary effect and reduce the overall distance on a single charge.
- Weight: The weight of the driver can affect riding distance. The heavier the user the quicker the battery usage increases.
- Maintenance: Regular battery charging and maintenance will increase the distance.
- Speed and riding style: Maintaining a moderate speed will increase distance, on the contrary, frequent start-stop, acceleration and deceleration will reduce the distance.

4.3 Speed Limit

- Maximum speed is 10 km/h.
- When approaching the maximum speed the buzzer alarm will ring.
- If the speed exceeds the specified the board will take the initiative to tilt the driver to make the speed work within a safe range.

IMPORTANT

The display board is located in the centre of the Neva Board and is designed to display the running information.

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5. LEARN TO RIDE

It is important to learn and remember the related safety instructions before riding the Neva Board for the first time.

5.1 Operation Procedure

Step 1: Start the board by pressing the power button.

Step 2: Prepare to ride by placing the board on FLAT ground. Put one foot on the pad, which will trigger the pressure plate and turn on the indicator light, after which the system enters the self-balancing mode. Then taking care place the other foot on the pad.

Step 3: After standing successfully, keep your balance and centre of gravity by keeping stationary. Only take small forward or backward movements through the body to start.

Step 4: Control and Turning - Lean your body and the board will turn to the left or right.

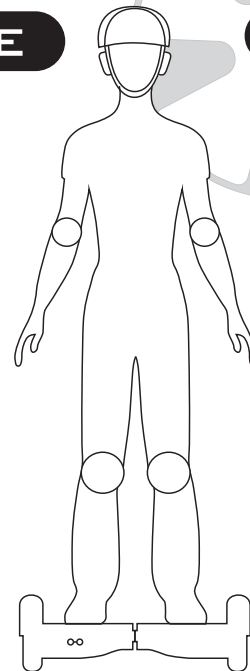
Step 5: To dismount keep the board still, step one foot down, then the other foot to leave the mat quickly.



Increased pressure on the right foot plate will move the board forward by turning left

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Increased pressure on the left foot plate will move the board forward by turning right



08

IMPORTANT

If user stands on the board incorrectly the buzzer will alarm and warning indicator will light up. Please step off and start again so that the system can enter self-balancing status.



5.2 Protection Function

During operation if there is a system error or illegal operation the Neva Board will prompt riders in different ways, normally by entering system protection mode with an alarm indicator buzzer lighting up.

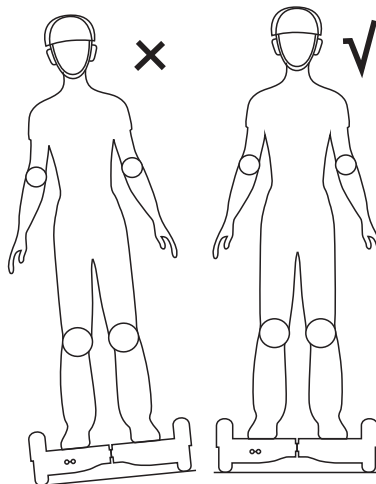
This can occur in the following situations:

- When you get on the vehicle the footplate surface tilts forward or backward more than 10 degrees.
- Battery voltage is too low.
- Riding on excessive uphill terrain causing sustained high discharge of the battery. The board will switch off after 15 seconds.
- Excessive speed.
- Battery is low with insufficient charge and below protection. The board will switch off after 15 seconds.
- Platform moves forward or backward more than 35 degrees.
- Tyres are blocked.

5.3 Practice Riding

- Learn how to ride the self-balancing board on different terrain but be cautious on unfamiliar terrain.
- The board is designed to be a personal transporter specifically for flat surfaces so if you drive on different terrain, please take extra care.
- If you are not confident or experienced in riding the board it is best to avoid crowded environments.

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IMPORTANT

When the self-balancing board is switched off the system will halt. Do not continue riding the board when the battery is exhausted or the system issues will auto terminate and could lead to poor future performance.

DO NOT turn sharply when traveling at high speed.
DO NOT ride and turn round quickly on slopes.

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6. SAFE RIDING

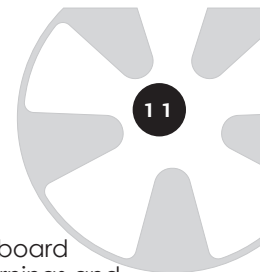


This section provides safety knowledge, tips and cautionary statements, letting you learn about safety precautions before using the self-balancing board. To ensure that you can safely ride the self-balancing board be sure to read this user manual and comply with the relevant safety instructions. Please note all the warnings and cautions that are mentioned in the user manual will improve your enjoyment, safety and experience of using your Neva Board.

- When you are riding the Neva Board make sure you take all the safety measures, such as: wearing a helmet, knee pads, elbow pads and other protective gear.
- Do not allow or encourage children (toddlers), the elderly or pregnant women ride the board.
- Do not ride after consuming alcohol or drugs.
- Do not carry heavy or awkward items when riding.
- Please comply with local traffic laws and give special attention to pedestrians.
- Be alert at all time, keeping aware of obstacles and potential hazards.
- Make sure the feet are always applying pressure to the pads.
- Please wear suitable sports apparel to drive, so that you can deal with emergencies better.
- Self-balancing board is only designed to be ridden by one person at a time.
- Users and their belongings should not exceed the maximum load (100KG), or it could cause functional damage to the board operation system. In addition, the driver should not weigh less than 20KG.
- If riding with other Neva Board users keep a safe and sensible distance of at least 5 metres between each other to avoid a collision
- Do not get distracted when riding by using your mobile phone, listening to music or engaging in any other activity.
- Do not ride in the dark or dimly lit areas.
- Avoid riding in/on:
 - slippery roads or in the rain.
 - hazardous conditions e.g. snow, ice or slippery floors.
 - narrow spaces.
 - steep slopes.
 - unsafe environments, e.g. inflammable gas, steam, liquid, dust or fire which could cause explosive reactions.

IMPORTANT

Using the self-balancing board may cause injury due to loss of control, collision and being involved in falls. To avoid injury carefully read the user manual and ride the self-balancing board according to the manual instructions. Please make sure to keep the product in good condition. Carefully read and have a good understanding of the materials provided by our company before using the product.



This section provides safety knowledge, tips and cautionary statements, letting you learn about safety precautions before using the self-balancing board. To ensure that you can safely ride the self-balancing board be sure to read product manuals and comply with the relevant safety instructions. Please note all the warnings and cautions that are mentioned in the product manuals will improve your enjoyment, safety and experience of using your Neva Board.

7.1 Battery Power

You must stop riding the board when the displays shows low power (red LED light) or it may affect battery lifetime and cause on-going problems. Don't use the battery if the following occur:

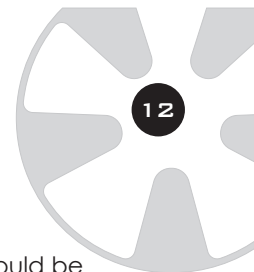
- Emits an odour or overheats.
- Don't touch any leaking materials.
- Children and animals are forbidden to touch the battery.
- Make sure the air vent fan of the battery is left UNCOVERED.
- The charger must be taken out before installing or riding the Neva Board.
- Battery contains dangerous substances therefore do not open the battery and do not insert anything into the battery.
- ONLY use the charger provided with your product .
- Don't charge the battery that has over discharged.
- It should be abandoned for safety.

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7.2 Charging Process

- Ensure charging port is dry.
- Open the charging port.
- Plug the charging cable into the board making sure the green indicator light lights up, then connect the cable with the power supply (100V - 240V; 50, 60 Hz).
- The red light on the battery (transformer) indicates it has begun to charge, otherwise check whether the cable is connected.
- When the indicator light changes from red to green the power is fully charged. At this point stop charging as over-charging will affect lifetime performance.
- The charging time is approx. 2-3 hours.





7.3 Temperature

The best charge temperature is 0-40 degrees Celsius.

7.4 Shipping Notes

Lithium batteries can be a dangerous article. Shipping lithium should be allowed by local law.

Please contact our authorized agent to deal with your requirements.

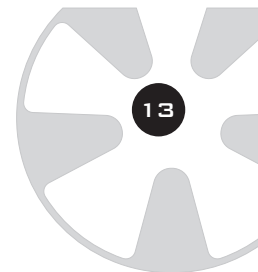
7.5 Description of Battery

Contents	Parameters
Battery	Lithium Battery
Charging time	2-3 hours
Voltage	36 V
Initial Capacity	2-4Ah
Working Temperature	-15°C ~- 50°C
Charging Temperature	0°C ~ - 40°C
Storage Time (-20°C - 25°C)	12 months
Storage Humidity	5% - 95%

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8. CLEANING AND STORAGE



- Disconnect the charger and turn off the board.
 - Wipe the cover.
 - Fully charge your battery before storing away.
 - If you store the board away for more than one month, please remove the battery and charge it at least every 3 months.
 - If the storage ambient temperature is below 0 degrees, please do not charge. You need to bring the board into a warm environment (above 10 degrees) for charging. Store your Neva Board indoors in a dry and suitable temperature.
- If you do not use it for a long period of time do not connect the power.

IMPORTANT

Avoid using water, detergents or other liquids on the board for cleaning. The IP is 54. If water or other liquids seep into the board it will cause permanent damage to the internal electronics. It should be abandoned for safety.

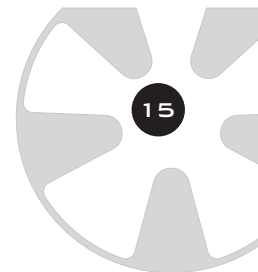
Users who disassemble self-balancing board without permission will invalidate their right of warranty.

USER MANUAL

Style	Parameter	Remark
Net Weight	10kg	
Load	20-100kg	Including rider and belongings
Maximum speed limit	10 km/h	
Range	15-20km	Terrain, riding style and payload may effect range
Max climbing limit	15°	Including rider and belongings
Minus turning radius	0°	Load will effect the climbing limit
Battery	Lithium-ion	
Power requirement	AC 1 00-240V /50-60Hz	
Dimensions	584*186*178mm	Applied to the global
Ground clearance	30mm	
Platform height	110mm	
Tire	Non-pneumatic hollow tire	
Battery Capacity	4.4AH	
Battery voltage	36V	

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10. AFTER SALES SERVICE



Please contact our service department to request any additional information.

Distributed by: Debut Sports & Leisure Ltd

Unit 1.9 Paintworks, Bath Road, Bristol, BS4 3EH. UK

Email: info@debutsport.co.uk www.debutsport.co.uk

Customer Service Helpline: 0117 977 1100

Product number: 1598

WARNING

Protective equipment should be worn at all times: Helmet, hand/wrist protection, elbow & knee pads. Wear sensible shoes.

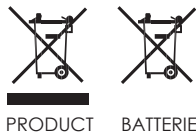
SAFETY NOTICE

Boarding is fun but can be dangerous, caution must be used with this balance board as it requires skill. Choose to use your Neva Board in places which allow you to improve your skills. Not on pavements or streets, it's not recommended to use in or around crowded areas where accidents have happened to boarders and other people.

Please read the enclosed instructions carefully before use. Please keep all the relevant information for future reference.

Batteries must be recycled or disposed of properly. If at any time in the future you should need to dispose of this product please note that waste electrical products should NOT be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. (Waste electrical and electronic equipment directive).

USER MANUAL



ENJOY YOUR NEVA BOARD