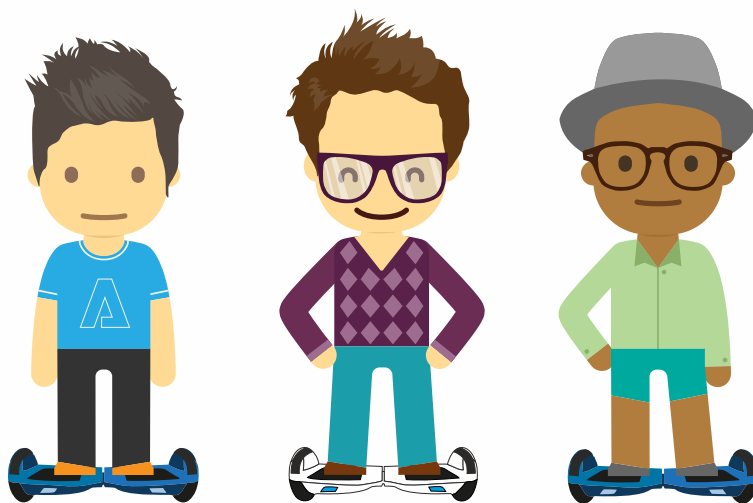


ZIMX

HOVERBOARDS
WITH ATTITUDE



Model : HB2

**Smart Balance Board / Hoverboard
User Manual**


www.ukbigbuy.com

SMART BALANCE BOARD / HOVERBOARD MODEL : HB2 (Smart-S)

YOUR SAFETY &
INSTRUCTION MANUAL
PLEASE READ CAREFULLY



Technical Data

Product Description	Smart Balance Board / Hoverboard / Swegway
Model	HB2 (Smart-S)
Lithium-ion Battery	36V, 2.0Ah, 72Wh, Lithium-ion Battery Pack
Motor	Dual 200W (x2) Motors with Dual Independent Gyros
Distance on full charge	Between 6 - 7.5miles / 10 - 12km
Charging Temperature	0°C to 40°C / 32 °F to 104 °F
Charging time	2 to 3 hours
Charger Input	100-240V ~ 50/60Hz, 1.5A Max
Charger Output	DC 42V  1.0A
Max Speed	7mph / 9.3kmh
Max Loading	100kgs
Max Climbing Limit	15 degree
Temperature	-10°C to 45°C /14°F to 113°F
Wheel size	165mm / 6.5 inch
Product Dimensions	598*180*178mm
Net Weight	6.55kgs

HELMETS SAVE LIVES!

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



Correct Fitting:
Make sure your helmet covers your forehead.



Incorrect Fitting:
Forehead is exposed and vulnerable to serious injury.

PRODUCT SAFETY

When using any electrical appliance, basic safety precautions should always be followed including the following:



ROTATING PARTS



WARNING

- WARNING: NOT SUITABLE FOR CHILDREN UNDER 14 YEARS.
- IMPORTANT: THE BOARD IS NOT A TOY
- WARNING: Whenever you ride the board you risk injury from collisions, loss of control and falls. It is the user's responsibility to learn how to safely ride and control the board in order to reduce the risk. It is essential for the safety of the user that all instructions and safety information are read and understood before first use.
- WARNING: Wear protective personal equipment at all times when using the board. This includes an approved bicycle or skateboard helmet, knee pads, elbow pads and any other protective gear.
- WARNING: Do not wear heeled shoes, open toed shoes or sandals whilst using the board.
- WARNING: Not for use by children, pregnant women or elderly people.
- Not suitable for individuals with lack of balance.
- DO NOT operate whilst under the influence of drugs and/or alcohol.
- DO NOT operate whilst restless or sleepy.
- The Smart Balance Board is only to be used for personal entertainment use.
- DO NOT use as a skateboard. Do not ride the board off of ramps, pavements, or attempt to operate in a skate park, or use in any other way similar to a skateboard or scooter.
- DO NOT use as a racing instrument.
- CAUTION: Do not ride on motorways, roads or other environments stipulated by any local laws and regulations. Adhere to area by-laws for use on public highways.
- Abide by all local traffic laws.
- The board must be used on private property with owner's consent.
- Do not operate in crowded areas.
- Please use on flat, dry, hard surfaces
- WARNING: Surfaces such as rough or rugged terrain, snow, ice, wet and/or slippery floors and any surfaces with obstacles such as twigs, gravel, stones or debris are NOT suitable for use.
- WARNING: Do not drive in or near puddles of water, pools or other bodies of water.
- WARNING: Do not drive in any extreme weather – snow, sleet, rain, hail, mist or extreme heat.
- WARNING: Do not ride your board over or near cracks, potholes or uneven pavement.
- Avoid driving in narrow spaces.
- Avoid driving on steep slopes.
- Avoid driving in unsafe places, including near to or around flammable gas, steam, liquid, dust, or fibre, which could cause fire and explosion accidents.
- Do not drive at night, in the dark or in badly lit areas.
- Do attempt to drive over bumps or objects greater than ½ an inch.
- If you do encounter any objects or debris blocking your path, safely step off the board and carry it over the obstacle.

- Do not carry anything whilst riding the board.
 - Do not allow distractions when driving, such as answering the phone, listening to music, or engaging in any other activities.
 - **WARNING:** DO NOT attempt to operate the board with two or more people at once. The board is intended for use by a single individual.
 - Do not exceed the minimum or maximum weight limits.
 - **CAUTION:** The maximum weight limit is 100kg, including the user and any belongings (i.e. backpacks). Do not surpass the maximum weight limit. Exceeding the maximum weight limit may result in functional damage, or a failure to the device which can result in injury or serious bodily harm.
 - **CAUTION:** The minimum weight limit is 20kg. The board will not be able to operate correctly when user is below the 20kg limit. This may result in functional damage, or a failure to the device which can result in injury or serious bodily harm.
 - Please note that when using the board, your height has increased by 10 centimetres.
 - Ensure you drive within the safety speed range.
 - Take caution when passing through doors or similar.
 - If riding with other users on boards, please keep a certain distance between each other to avoid a collision.
 - Do not turn sharply, especially at high speeds. Ensure you are well balanced before executing any turns.
 - DO NOT step forward off of your board.
 - DO NOT jump on or off of your board.
 - ALWAYS step backwards off of your board.
- Step one foot down behind the board and then step off completely.
- Ensure your feet are securely placed on the on the pads at all time. Do not stand on any other parts of the board.
 - Do not stand on the fenders.
 - **CAUTION:** Do not place any objects on the pads. This will trigger the pedal switch and the board will not be able to switch off. This increases the probability of collision, injury, or damage to the board.
 - **CAUTION:** Do not attempt to modify your board. Doing so will void your manufacture warranty and may cause a failure to your device which could lead to injury, serious bodily harm or death.
 - **CAUTION:** Do not immerse any part of the board in water or any other liquid.
 - **WARNING:** Do not insert the plug if the Charge Port is wet.
 - It is essential for your safety and for optimum performance of the product that you fully read and follow all instructions before use.
 - In the interests of the user's safety, by purchasing this product you confirm that you have read and understood this advice.
 - In the unlikely event the appliance develops a fault, stop using it immediately and seek advice from the service department.

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WHAT'S IN THE BOX

Instruction Manual

Charging Adaptor

- | | |
|---------------------|------------------------------|
| 1. Fender | 4. Tyre & Motor (LED Wheels) |
| 2. Rubber Foot Pads | 5. LED Path Finder Lights |
| 3. Display Board | 6. Underbody Protection |



BEFORE YOUR FIRST USE:

All assembly must be conducted by an adult.

1. Remove your Smart Balance Board from the packaging.
2. Charge as per the charging instructions.
3. Read all the safety and user instructions.
4. Your Smart Balance Board is now ready for normal use.

Dispose of the packaging in a responsible manner.

Using your Smart Balance Board

The HB2 Smart Balance Board is a self-balancing electric vehicle with two wheels.

The HB2 Smart Balance Board uses gyroscope and acceleration sensors to control balance intelligently depending on a centre of gravity and servo-control systems to drive the motor accurately. Simple movements of your body direct and control the movement of the Smart Balance Board. Built-in inertia dynamic stabilisation systems maintain forward and backward direction. When driving your Smart Balance Board, shift your weight in order to overcome the centrifugal force and improve the safety of your turns.

Display Board:

The display board is located in the middle of the Smart Balance Board. It displays the running and charging information.

Running Light:

When the user triggers the foot switches, the running light will come on, indicating that the Smart Balance Board is ready for use.

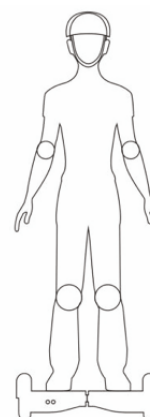
The indicator light will turn red when an error occurs.

Battery display:

The battery symbol will be lit green when the Smart Balance Board is fully charged. When the yellow LED lights up, the battery is on 50% and red indicates that the battery power is down to 20% and will need recharging

Driving Safety:

Before using the Smart Balance Board make sure you are wearing appropriate safety gear i.e. helmet, knee pads, elbow pads and suitable footwear.



Speed limit:

The maximum speed the Smart Balance Board can reach is 10km/h. This enables the Smart Balance Board to maintain the balance of the user safely.

Weight limit:

The minimum and maximum weights able to safely use the Smart Balance Board are as follows: minimum 20kg, maximum 100kg.

Maximum driving range:

A multitude of factors affect the driving distance possible per charge, such as:

Weight:

The amount of pressure placed on the Smart Balance Board by the user can affect driving distance.

Landform:

A smooth, flat surface will increase the driving distance.

Maintenance:

Reasonable battery charging, upkeep and maintenance will all increase the driving distance.

Speed:

Maintaining a moderate speed will enable you to drive further distances.

Driving style:

Frequent stopping and starting, acceleration and deceleration will all reduce the possible driving distance.

Ambient temperature:

Driving the Smart Balance Board within the recommend temperature range will help increase possible driving distance. It is recommended to use the Smart Balance Board in temperatures ranging from 5°C to 50°C.

Protection Functions:

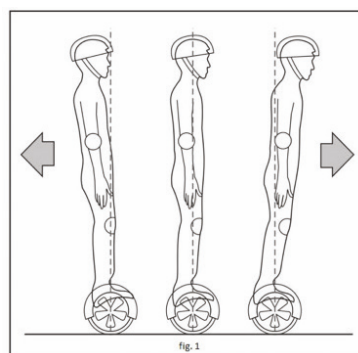
Problem	Response
Battery Shortage	If the battery is too low to function the Smart Balance Board will automatically switch off after 15 seconds.
Tilting forward or backwards too much	If the Smart Balance Board is tilted at more than a 35 degree angle the engine will automatically turn off.
Wheel Blocked	In the case of a wheel blockage the Smart Balance Board will stop after 2 seconds.
Driving uphill whilst speeding, rocking or with battery shortage.	The Smart Balance Board will enter protection mode. The red alarm indicator will light up and the buzzer will alarm to alert the user.

Learning to drive your Smart Balance Board:

1. Press the power button located next to the charging port on the Smart Balance Board. The display lights will come on.
2. Place the Smart Balance Board on flat ground.
3. Stand with the Smart Balance Board directly in front of you, so that the large turning lights are facing away from you.
4. Place on foot on the pad. This triggers the pedal switch. When the Smart Balance

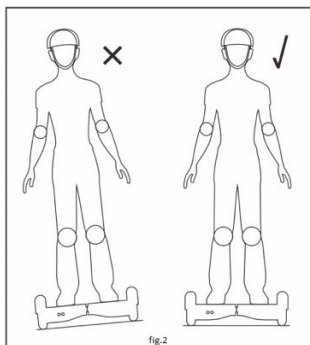
Board has entered self-balancing mode the indicator light will shine green. Place your other foot on the second pad.

5. Before driving the Smart Balance Board, you must find your centre of gravity and maintain your balance. This maintains the Smart Balance Boards stationary state.
6. To get off of the Smart Balance Board, ensure it is balanced and still, and step one foot down behind the board, and then the other.
7. It is recommended to practise stepping on and off the Smart Balance Board before driving for the first time. Repeat steps 5 and 6 until you are comfortable with stepping on and off the Smart Balance Board.
8. When you are ready to drive the Smart Balance Board, you can control it using small movements of your body. Gentle forward movements will drive the Smart Balance Board forward, whilst a backward movement will pull it to a stop. (See fig.1)



9. To turn, lean your body in the chosen direction. It is important to use small movements in order to control the Rider. Move your right foot slightly forward to turn left and your left foot forward to turn right.

Note: If you stand on the Smart Balance Board when it is not on a level surface a buzzer will sound and the red warning indicator will light up. The Smart Balance Board will not enter self-balancing mode and it will not be operational. Move to a level surface and try again. (See fig.2)



Practising and Tips:

It's important to practise using your Smart Balance Board so that you can drive safely and with confidence. We recommend adhering to the following tips:

- Dress in casual, comfortable clothes and flat shoes.
- Drive your Smart Balance Board in large open spaces until you have mastered the following points: getting on and off the board, moving forwards and backwards, turning and stopping easily.
- Drive on flat ground.
- When driving the Smart Balance Board on unfamiliar terrain, slow down and exercise caution
- Do not drive your Smart Balance Board on the motorway or public highways.
- Do not drive your Smart Balance Board in crowded places. Always exercise respectful use.

Charging:

Plug the charging cable into the charging port on the back of the Smart Balance Board and connect to the power supply.

When the red battery lights up on the display the Smart Balance Board is charging.

When the indicator light changes from red to green, the unit is fully charged. Do not leave the Smart Balance Board charging for longer, as overcharging can affect battery life.

It will take 2-3 hours for a full charge.

Cleaning and care:

- Ensure the Smart Balance Board is unplugged and switched off.
- Wipe the cover down with a clean, damp cloth.

Warning: Do not wash the Smart Balance Board or clean with excessive liquid. If liquid seeps into the unit it will cause permanent damage to the internal electronics.

Storage:

- Fully charge the battery before storing.
- Store your Smart Balance Board indoors, in a clean, dry place.

WARNING:
DO NOT IMMERSE THE UNIT IN WATER

MASTER RESET / CALIBRATION

Calibrating the Smart Balance Board

If the smart balance board is making or is sounding a continuous alarm or red error light is showing, then it's sensors may need to be reset. You need to calibrate the device, which only takes about 60 seconds in total (and can take up to 2 or 3 attempts before the device is running as new). Please follow the below steps to resolve the problem;

1. Make sure you do not press on the foot pads during calibration, as this will cause permanent damage to the sensors associated with the foot pad, and the part will need to be replaced. Before calibration press up and down the foot pads to make sure they are in the fully off position, which is fully horizontal and parallel to the ground/floor.
2. Perform the calibration on ground that is flat as possible. No hills, no sloping driveways, no inclines. The best place to calibrate the smart balance board is indoors on a completely flat surface/floor.
3. Align the two halves of the smart balance board with each other. They should be perfect and not twisted away from each other in any way.
4. Keeping the halves aligned, make sure the smart balance board is parallel with the ground surface and making sure that the footpads are also flat and parallel with the ground.
5. Power off/down the smart balance board if not already done so.
6. Now press and hold the power on/off button for 30 seconds, so the smart balance board comes on and keep the button pressed, and the smart balance board in a steady and level position.
7. You will see the lights come on and flash on and off continuously, this means the smart balance board has started to calibrate itself.
8. After about 30 seconds of keeping the on/off button pressed, please release the button and then switch the smart balance board off after about 10 seconds.
9. Turn on the smart balance board as per normal and the smart balance board can now be used as normal.

You may need to calibrate the smart balance board every so often if you notice a misalignment. You may also need to calibrate after it crashes it into something as the sensors get knocked and misaligned. We advise to calibrate the smart balance board before they are used, as sometimes during transport / shipping the sensors may get knocked about and this may cause misalignment.



- Do not use a Battery if the battery pack casing is broken or if the battery emits an unusual odor, smoke, excessive heat or leaks any substance. Avoid contact with any substance seeping from the Batteries.
- Keep out of reach of children and pets. Exposure to battery voltage could result in death or serious injury.
- Unplug or disconnect the scooter from AC power before removing or attaching Batteries or performing any service. Never work on any part of the Scooter when it is plugged into AC power source. You risk serious bodily injury from electric shock as well as damage to the scooter.
- The cells within the batteries contain toxic substances, Do not attempt to open the batteries. Do not insert any object into the batteries or use any device to pry at the battery casing. If you insert an object into any of the battery ports or openings you could suffer electric shock, injury, burns, or cause a fire. Attempting to open the battery casing will damage the casing and could release toxic and harmful substances, and will render the pack unusable.
- Observe and follow all safety information on the warning label found on the batteries
- Failure to charge the batteries could result in permanent damage to them. Left unplugged, the batteries could fully discharge over time, causing permanent damage.
- Using only charging devices approved by Scooter and never attempt to bypass or override their charging protection circuits.

If you will not use the product for 30 days, please charge the battery completely.

Please fully charge the battery after 90 days. Otherwise the battery could discharge itself and be damaged so it will lose its charging capacity. Please note that this kind of damage is not covered by the warranty.

- Do not attempt to wash the scooter with a power washer or high pressure hose. Avoid getting water into the charge port. Always close the charge port cover after charging is completed. Make sure that the Charge port is dry before you plug in the power cord, Failure to follow these instructions could expose you to electric shock, injury, burns, or cause a fire.
- Do not submerge the batteries or platform in water, If you suspect the Batteries or powerbase have been submerged or experienced water intrusion, do not attempt to remove the batteries. Do not plug the Power Cord into the scooter. Failure to follow these instructions could expose you to electric shock, injury, burns, or cause are.
- As with all rechargeable batteries , do not charge near flammable material.
- If you use, charge , or store the scooter batteries outside the limits specified, you may void the limited warranty, damage your batteries, and/or experience reduced range and ineffective battery charging.

Note: Lithium-ion batteries are regulated as “Hazardous Materials”. Transporting Lithium battery by air, or other methods, might be prohibited by policies or law . Please contact the designated agents from the carrier company for more details.

Customer Service / Support

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800682
UL-2272 CERTIFIED



Warning!

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Saving you money every day



To reduce the risk of injury, the user must read the User Manual in detail, before using this product.

For re-charging the battery of the product, use only the accompanied UL certified charger provided.



- Always wear shoes, a helmet, and appropriate safety gear such as knee and elbow pads, etc. while riding this product.
- Do not operate this product after consuming alcohol or drugs, recreational or otherwise.
- Do not ride without proper training, at high speeds, on uneven terrain, or on steep slopes.
- Do not carry passengers, perform stunts, or turn abruptly.
- The rider should be over 4ft. (121cm) tall and must weigh at least 44lbs and no more than 265lbs to use this product.
- You must comply with local laws and give way to pedestrians.
- Store indoors when not in use.



Charge Product with Original UL Charger Supplied

Model: HB2
Voltage: 36V DC
Capacity: 2.0Ah
Power: 72Wh

Assembled in China

Manufacturer: Haining Qike Intelligent Technology Co. Ltd



Made
in
China



UL2272 CERTIFIED
PERSONAL MOBILITY DEVICE



WARRANTY

For further warranty information, please visit us at;
www.ukbigbuy.com

Tel : +44 (0)121 454 7589
Email : info@ukbigbuy.com

This product is guaranteed for 12 months from the date of original purchase. If any defect arises due to faulty materials of workmanship, the faulty products must be returned to the place of purchase. Refund or replacement is at the discretion of the retailer.

The following conditions apply:

- Please call **+44 (0)121 454 7589** or email to **info@ukbigbuy.com** before returning to the retailer as we should be able to assist you if the product has become faulty or not.
- The product must be installed and used in accordance with the instructions contained in this instruction guide.
- It must be used only for domestic purposes.
- It does not cover wear and tear, damage, misuse or consumable parts.
- This guarantee is only Valid in the UK and Eire Only.

We hope you enjoy your product for many years to come.



DISPOSAL OF THE UNIT

The HB2 Smart Balance Board can not be disposed of in domestic rubbish. You are required to dispose of old electrical and electronic appliances like this separately.

Please visit www.recycle-more.co.uk or www.recyclenow.co.uk for access to information about the recycling of electrical items.

Please visit www.weeeireland.ie for access to information about the recycling of electrical items purchased in Ireland.

The WEEE directive, introduced in August 2006, states that all electrical items must be recycled, rather than taken to landfill.

Please arrange to take this appliance to your local Civic Amenity site for recycling, once it has reached the end of its life.



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Saving you money every day

If you have any other questions please
contact us on info@ukbigbuy.com