



UK Segboards

## Smart Segboard User Manual

[www.uksegboards.co.uk](http://www.uksegboards.co.uk)



**SAMSUNG** Battery  **Bluetooth**  **CE**

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## **1) Safe use of the Smart Segboard**

UK Segboards hope that you can use this product safely and have fun by using our Segboard in safe manner. Just think of it as learning to ride a bicycle or drive a car, where practice is required to become a safe user.

We strongly recommend you read this manual carefully and keep it for future reference. Before you start to use your Segboard please check for damage, missing or loose parts. If there are any issues, please contact us immediately by emailing us on [hi@ukseboards.co.uk](mailto:hi@ukseboards.co.uk)

Please read these instructions carefully. You will find there is a lot of information, including the speed limit indicator light warning and safety shutdown.

Please do not modify any parts of the Segboard. This can affect the performance of your Segboard as well as invalidating the warranty. Any misuse or attempts to modify the Segboard can result in serious harm or injury.

### **User Weight**

The weight of the user is limited to the specification on the packaging. The recommended maximum user weight limit is 100kg. Any persons heavier than 100Kg may risk injury by using the Segboard and may damage the product as well as invalidating the warranty.

The minimum user weight is 20kg.

### **Smart Segboard range**

The range of the smart Segboard is affected by a number of factors, including:

**Terrain:** on a smooth and flat ground the range of the Segboard will increase. On an uneven terrain, the range will decrease.

**Weight:** User's weight will affect the range of the Segboard.

**Environment temperature:** please refer to the specification of the packaging for the recommended storage temperature.

Maintenance: reasonable charging and maintenance of the battery can increase the range.

Speed and driving style: use at a medium speed to increase range.

Sudden acceleration and de-acceleration or stopping can \_\_\_\_\_  
decrease the range of the battery and increase the risk of injury.

## **The speed limit**

The maximum speed of the Segboard is 10-12 km/hour. When attempting to use the Segboard over the maximum allowed speed, the Segboard will send out an alarm and sustained use over the speed limit may cause damage to the Segboard and increase the risk of injury.

## 2) Using a Smart Segboard

Step 1 – Start the Segboard by pressing the power switch on the back of the Segboard.

Step 2 – Place both feet equally on the rubber pads, one foot at a time. At this point we highly recommend you get someone to help you to maintain balance and to ensure safe mounting on the board.

Step 3 – Maintaining a steady upright balance will ensure the Segboard does not move. By leaning forward/backwards you are able to dictate its direction and speed. You can stop the Segboard by returning to the upright balance.

Step 4 – The Segboard can be directed left or right, simply by applying more weight/pressure with your feet to the side you want the Segboard to move.

**Sharp steering and erratic use can result in injury.**

**The smart Segboard must NOT be used on an uneven surface.**

### 3) The Smart Segboard Protection Function

During use of the smart Segboard, users are prompted of any issues with the Segboard by way of the indication symbol appearing red next to the battery light.

The following issues will cause a red light to appear on the Segboard or the Segboard will make an alarm sound.

- The battery voltage is too low
- During charging
- When the maximum speed reached
- When the battery is low
- The smart Segboard rocking back and forth for more than 30 seconds continuously
- When tyres are locked
- When the battery voltage is lower than the protection value.
- Continued maximum current discharge, such as attempting to use above the permitted slope and the maximum speed simultaneously

#### **WARNING!**

If there is a problem with the Segboard, it will automatically lock and will require you to manually unlock it.

Once the battery is completely discharged you are advised to safely park the board immediately and do not continue its use as the lack of power will result in the inability to keep the board stable, and thus increase the risk of injury.

Continued use of the board when the battery is at minimum charge, will affect the life of the battery and may also result in destabilising the board and cause injury.

If the battery light appears red, then you will need to stop using the Segboard and then recharge the Segboard to eliminate it to cut off whilst you ride it, as this may cause serious injury.

## **4) Segboard Driving Practice**

For your safety please ensure that you have practiced how to use the board in conditions that are not a danger to you or others.

Please wear comfortable sportswear, flat shoes and let the body maintain flexibility. Please practice in an open environment until you can easily get on the Segboard and move forward, backwards, turn, stop and get off safely.

When initially learning how to use the board ask another person to assist you to maintain balance.

Attention should be paid to ensure the ground is flat and level.

In case of unfamiliar terrain you are advised to slow down and exercise extra caution i.e. on gravel, rocky surfaces or unstable surfaces.

The Segboard is designed for use on flat surfaces, when using on uneven surfaces you should decelerate and move very slowly.



## 5) Driving Safety Instruction

### **WARNING!**

Under no circumstances should you use the smart Segboard in a busy environment where you are likely to lose control, collide and fall and cause injury to yourself or others.

- You must keep both feet on the Segboard at all times during use.
- In order to avoid damage to the Segboard or cause you/others harm, you must carefully read and refer to this instruction manual.
- When using the Segboard you **MUST** ensure you are wearing protective clothing, such as; a helmet, knee and elbow pads etc.
- The smart Segboard is for personal use and is prohibited for any public transportation.
- Any person with any medical conditions **MUST** consult a doctor for advice before use of the Segboard.
- Pregnant women and people with disabilities are prohibited from using the Segboard.
- Do not use the Segboard if you are under the influence of drugs or alcohol.
- The smart Segboard much only be used on dry surfaces and in dry conditions.
- The smart Segboard is for intended only for indoor use, and not in public places

## 6) Learning Charging and Maintenance of Batteries

Please read this section carefully to protect and preserve the life of the battery.

### **Lack of battery**

- Amber/Red indicator lights shows battery is low.
- Flashing red light shows there is insufficient power in the battery and you are advised to stop using the Segboard and charge the battery before re use. If the battery runs out whilst riding the Segboard, this could cause an injury and must be avoided at all times.

If you notice any of the following, please stop any further use of the Segboard immediately:

- Emitting smell, heat or smoke
- Leakage of any part or material

Do NOT remove the battery or attempt to remove the cover or any other parts of the Segboard.

You must ensure that anyone does NOT come in contact with internal components of the Segboard, including the battery and its cells.

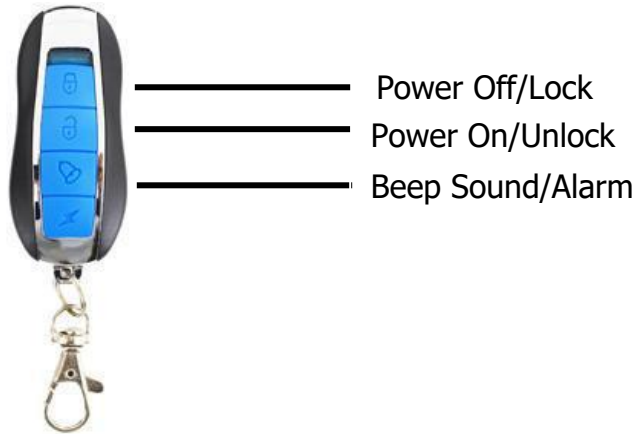
## 7) The Charging Step & Remote Use

- Ensure the charger is in a perfect working order and wires attached properly to the plug
- Open or Locate the charging port at the rear of the Segboard.
- Insert the charger into the unit ensuring the pins are correctly aligned. DO NOT USE any excessive force to push the charger into the port as this may cause damage and will invalidate the warranty
- Now plug the adaptor into the power socket
- The red light indicates the Segboard is charging
- When the red lights turns green it means the Segboard is fully charged and ready to use. At this stage, you must remove the adaptor and stop the charging process. This will assist in preserving the battery life.



- You must use the plug provided
- The charging time is approximately 2-3 hours for a full charge

## Remote for certain Segboard Models



## 8) Temperature Too High or Too Low

To ensure the smart Segboard is operated at its optimal level, the temperature of the environment in which the battery is used, stored and charged should be maintained as per the table below.

Item	Parameter
The battery type	36V 4.4A Lithium (Samsung)
Charging time	2-3 hours
Voltage	36V
Initial capacity	2-2 AH
Working temperature	-15°C to 50°C
Charging temperature	0 to 40°C
Storage time (-20°C and 25°C)	12 months
Stored relative humidity	5% to 95%

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## 9) Master Reset

### CALIBRATING THE SEGBOARD

If the Segboard is making is sounding a continuous alarm or Red error light is showing, then its sensors may need be tuned or reset. You need to calibrate the device, which takes about 60 seconds. Follow these steps to resolve the problem.

- 1. Make sure you do not press down on the foot pads during calibration. This will cause permanent damage to the sensor associated with the foot pad, and the part will need to be replaced. Before calibration, press up and down on the foot pads to make sure they are in the fully off position, which is fully horizontal and parallel to the ground.**
2. Perform calibration on ground that is as flat as possible. No hills, no sloping driveways, no inclines. The best place to calibrate the Segboard is indoors on a completely flat surface, but any flat ground will do.
3. Align the two halves of the Segboard with each other. They should be perfectly aligned and not twisted away from one another in any way.
4. Keep the halves aligned, make sure the Segboard is parallel with the ground. The footpads should be flat and parallel with the ground.
5. Push and hold the power button for about 5 seconds. You will first

hear a single beep , but after a few seconds you will hear another beep. At that time let go of the power button.

5. You will see the lights flash.
6. You will see all the lights turn off.
7. You will see a slow light sequence flash.
8. When you see the slow flash of the lights demo, calibration is done. Turn off device.
11. Turn on device as per normal, the Segboard can be used as normal.

You may need to calibrate the device every so often if you notice a misalignment. You may also need to calibrate after you crash it into something as the sensors get knocked and misaligned. We make sure that we pre-calibrate each of our products before we ship them out, but during transport the sensors may get knocked about and this may cause misalignment.

## 10) Frequent Questions and Answers

### 1) If it doesn't feel balanced under your feet?

Each wheel is connected to a separate motor. It is therefore important that both motors must be synchronised with each other for a smooth ride. In order to do that please follow the below instructions;

- Switch off the board
- Level both the pedals/sides so that they exactly aligned with each other
- Press the power button and keep it in pressing position. After a few seconds, the lights will both start blinking
- Once the blinking stops, after one or two seconds they will be turned on for a few seconds however they will be in steady state at this time. They sync process is complete
- Switch off the device and turn it back on again. It is now ready to ride
- Please note: During the sync process keep the Segboard steady as sliding/movement will affect the sync process.

### 2) How to use the Bluetooth for the Bluetooth Segboard?

Pair your phone with the board Bluetooth and play the music on your phone.

### 3) How to charge?

Connect the charger socket to the port and switch on device. You will see battery mode light starts blinking, when fully charged the light will change colour to green. For first time use, please charge it for around 2/3 hours.

### 4) If the board doesn't start for the first time?

Please fully charge the board, if it still doesn't work please speak to us for technical help and advice.

### 5) Precautions;

Please keep it away from moisture and water. Please DO NOT use it in rainy or wet conditions.



Any other queries?

**Contact us on**

hi@uksegboards.co.uk

