

Senstroke : Play drums on everything, everywhere.

Hello there, and welcome to the Senstroke application configuration page.

In this guide, we will explain how to use the sensors and the Senstroke application correctly.

1 - Required

The 4 sensors Senstroke box

Please check that the following things are in the box :

- Four Senstroke sensors
- Two straps to attach the sensors to the feet
- A USB cable to charge two sensors at the same time
- A bass drum adapter, in the form of a foam tube, to attach a sensor to a bass drum pedal

Before you start, please bring:

- A pair of drumsticks size 7A or 5A.
- A solid playing area: training pads, cushions, books, tables, furniture, etc.
- A smartphone or tablet using an operating system greater than or equal to IOS10 or Android 6.0
- An Internet or mobile connection.

1.2 - Download and installation of the Senstroke application.

The Senstroke application is free and allows you to configure your Senstroke sensors.

You can download the application from the App Store on your IOS phone or tablet, or on the Play Store from your smartphone or Android tablet.

Note: We strongly recommend that you first update your sensors with the "Senstroke Updater" application. It will ensure an optimized use of your sensors. You can also find it on the App Store and the Play Store.

1.3 - Account creation

Before you start, you must create an account to use the Senstroke application.

This account will allow us to offer you customized features.

2 - Sensor configuration

2.1 - Instructions

In order to be able to use the sensors to their full potential, a few guidelines for use must be observed.

Our patented technology is able to separate your hitting areas and the power of your shots. To do this, it is important to clearly differentiate the areas used.

The dissociation of the striking zones is mainly based on the angles that your wrists create when you configure or play. We recommend that you define separate play areas that require different angles of hitting: either vertically and/or horizontally.

Note: With two equivalent wrist angles for two elements, the system will not be able to differentiate between them.

2.2 Charging the sensors

The sensors are delivered pre-charged. As soon as the red LED starts flashing (see 2.3) we recommend that you charge the sensor(s) involved.

To do this, simply use the supplied Micro USB cable, connect it to the sensor and the USB end to your computer or approved smartphone charger socket.

A 3-hour cycle is recommended for a full charge. The LED will turn green once the sensor is charged.

A full charge provides about 15 hours of play time.

2.3 The different colors of the LED

- A short green LED indicates that the sensor is on.
- A blue blinking LED indicates that the sensor is on and ready to be paired.
- A flashing red LED indicates that the battery is almost empty and needs to be recharged (via the cable provided).
- A continuous green LED indicates that the sensor is paired.

The sensor will go into standby mode if it is not quickly paired (after 10sec), the LED will be off. Turn the sensor back on to wake up from standby mode.

3 - Configure your drum kit

3.1 - Pairing of sensors

- Go to the "configure" screen, accessible by touching the configure icon.
- Press the button of the first sensor
- In the right column the sensor appears under the name "Senstroke".
- Click on the sensor in the list
- The sensor LED turns green and the role of the sensor will be indicated on the display.
- Repeat the operation for the other sensors.

The sensors are paired in the following order: left hand, right hand, right foot, right foot and left foot.

Note : if the sensors do not appear in the list, make sure they are on (blue LED blinking), and/or that the Senstroke smartphone application has the necessary rights (Bluetooth enabled and GPS location enabled for Android)

3.2 - Calibration

To ensure proper use of the sensors, it is essential to calibrate them regularly or when you feel that the accuracy of the sensors is less good. Calibration helps the sensor to be located in space.

In order to calibrate the sensors, slide 1 sensor on each drumstick (see 4 for mounting instructions).

In the sensor pairing screen, on each line of the connected sensors, slide your finger to the left to access the "calibrate" option.

Several sensor manipulations are expected:

- The first consists in placing the drumstick equipped with the sensor to be calibrated on a table and leaving it completely immobile for a few seconds. An animation will show you the validation of the calibration.
This step allows the sensor to position itself in space.
- The second step consists in rotating the sensor on itself on the vertical and horizontal axes so that the sensor can visualize all the axes of the room.
- A message will then be displayed to let you know that the calibration has been completed.
This calibration step will allow your sensors to resist shocks without losing their configuration.
- Repeat this operation for all sensors.

For foot sensors, we recommend that you replace the drumstick sensors with the drumsticks, then after calibration reposition them.

4 - Installation of the sensors

- Slide the sensors associated with the hands onto the drumsticks. To do this, hold the sensor tightly between your fingers and slide the drumstick from the olive into the sensor while rotating it on itself .
- Then slide the sensors associated with the feet into the straps provided for this purpose.
- Attach the strap to your foot, with the sensor upwards.

5 - Drumkit configuration

5.1 Configuring the elements with the drumsticks

- Press on configure.
- Select an item from the drum kit, then press configure to start configuring the sensors.

Follow the instructions on the screen :

- Hit once slowly with your left drumstick in the center of the chosen area.
- Hit once slowly with your right drumstick in the center of the chosen area.

- Repeat the operation until the application notifies you that the configuration has been successful.

Note : It is important to hit the center of the area in a natural and consistent way (do not change the grip of the drumstick or the hitting area or the angles of the wrists during configuration).

- Return to the previous screen to add more items to your drum kit.
You can add several items, but remember to respect the rules for the play area we saw above: the larger your drum kit is, the more space you will need to use it optimally.
- You can also watch this video, which summarizes the different steps of configuring a drum kit with Senstroke:

5.2 - Configuring the elements with the feet

- Bass Drum Pedal: The bass drum pedal is very easy to configure: press the element, then configure, and you're done !
- Hi-hat pedal : You will need to configure both positions of the hi-hat pedal: closed and open position. This step is important in order to be able to modify the opening of your hi-hat thanks to the inclination of your foot with the ground.
- Press the hi-hat pedal of the drumkit, then press configure.
- The closed position corresponds to the closed position of the hi-hat. Keep your foot on the ground for this step without moving for a few seconds.
- Once the closed position is validated on the screen, put your foot in the " hi-hat open " position for a few seconds, which will finish configuring the hi-hat pedal. To do this, simply create with your foot an angle corresponding to the angle that your foot would form on the hi-hat pedal if you had to release the cymbals.
- Hold the position for a few seconds. The application will confirm the correct configuration.

Note : The "semi-open" position of the hi-hat (when the cymbals barely touch each other) is calculated automatically.

5.3 - Examples of well-configured play areas

[minti_image img="16486"][vc_column_text]These different zones, well spaced, allow the optimal configuration of a kit without any risk of error.[/vc_column_text]

[minti_image img="16487"][vc_column_text]This configuration of play areas is also functional: the elements are not vertically aligned.[/vc_column_text]

[minti_image img="16498"][vc_column_text]This configuration is perfect: with a silent drumkit, it is very easy to reproduce the layout of an acoustic kit.

On the other hand, here are some examples of play areas that can cause problems with the sensors :[/vc_column_text][minti_image img="16488"][vc_column_text]In this configuration, the two central zones are aligned vertically, which can cause problems when playing with the sensors.

Indeed, the angle formed by your wrists will be the same between the central zone and the central zone located on top.

The sensor will not be able to make the distinction between the two. This configuration will obviously cause some problems for the sensors during your drumming sessions...

5.4 Instantly reorient the drum kit

If you have to move or rotate on yourself, simply point the drumsticks towards the new snare drum location, and press the sensor ignition button with a single touch (not prolonged).

This instant calibration allows you to move in any direction, play on stage in a stable way, and correct the occasional drift of sensor angles without having to re-configure the sensors.

Note: this feature is available from firmware version 0.1.6. If you have an older version, please update your sensors via the Senstroke updater application.

6 - Play !

Once the configuration is done, you can play.

Make sure that the sound on your smartphone is turned on.

You can use the drum sounds emulated by our application, or switch to another application (on Smartphone, Tablet or Computer) that accepts midi on Bluetooth.

Note : for increased accuracy of the sensors in play, be careful not to hit too hard with your drumsticks while playing, avoid rotating your drumsticks or forcing your movements.

7 - Turn off the sensors

To turn off the sensors, press and hold the button for a few seconds, then release it. The 3 LEDs will light up together briefly to indicate that the sensor is off.

8 - Warranty

8.1 - What does this warranty covers ?

This warranty covers Senstroke sensors, excluding accessories (foot straps, USB cables, bass drum adapter).

8.2 - What is not covered by this warranty?

Our warranty does not cover equipment damaged due to misuse or accident, such as in particular :

- the use of an incorrect or defective USB port to recharge the sensors
- charging the sensor on a defective device, or an unsuitable cable
- failure to follow the storage and transport instructions described above
- Unnecessary or unauthorized repairs carried out by an unauthorized third person
- damage caused by fire, flood, natural disaster, or other unforeseeable circumstances

- deliberate and deliberate damage to the sensors contrary to the rules of use: striking with the sensor directly on a surface, exposing the sensor to a liquid, deliberate degradation of the sensors.
- there is a risk of explosion if the battery is replaced by an incorrect type of battery. dispose of used batteries in accordance with instructions

The warranty does not cover surfaces used as a play area. Prefer non fragile surfaces to avoid damaging them.

The warranty does not cover equipment used with Senstroke sensors (smarpthones, tablets, computers, amplifiers, etc.).

8.3 - How long does this warranty cover ?

The warranty coverage is one year from the date of purchase. The duration of this warranty may vary depending on the laws in force in your country of residence.

8.4 - What solutions does this guarantee provide ?

If necessary, we will provide you with simple instructions to correct any problems. If necessary, we will send you spare parts, unless this is impossible within the limits of a reasonable effort.

9 - Going further

If you have any further questions or comments, please visit our Redison Forum or contact us at contact@senstroke.com. Our team of specialists will provide you with a quick answer.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

US

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

CANADA

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device

ATTENTION
IL Y A RISQUE D'EXPLOSION SI LA BATTERIE EST REMPLACÉE
PAR UNE BATTERIE DE TYPE INCORRECT.
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