

# Swiss Sabers

User Manual




Bedienungsanleitung

Mode d'emploi

Istruzione d'uso



[www.swissabers.ch](http://www.swissabers.ch)

-  Die Bedienungsanleitung auf Deutsch ist auf unserer Website zu finden.
-  Le mode d'emploi en français est disponible sur notre site web.
-  Le istruzioni in italiano sono disponibili sur nostro sito web.

## First start-up

### Insert the battery (if not already installed)

Insert the Li-ion battery into the lightsaber if it is not already installed. On most lightsabers, the lower part is unscrewed to gain access to the battery holder. Additional steps may be required for certain models. Further information can be found on our website.

**On certain models, a „killswitch“ is integrated inside the lightsaber. Make sure that this is set to „On“ to be able to switch on the lightsaber.**

### Installing the blade

Remove the protective film and cap (if available) from the blade. Insert the blade into the handle. For Neopixel blades, the blade must make contact with the golden pins in the handle. Use the small worm screws from the plastic bag to secure the blade. Only tighten the screws until the blade can no longer move freely. Small marks and signs of wear from the screws are normal. Be careful not to overtighten the screws as this can damage the blade (especially with Neopixel blades).

Charge the lightsaber first if it cannot be switched on.

## Charging

**Only use the supplied charging cable and power adapter to charge the lightsaber. Charge with a maximum of 1 ampere (5 volts). DO NOT use a fast charger (such as a smartphone charger)! Failure to follow these instructions may result in a fire hazard and damage to the electronics, which will invalidate the warranty. Swiss Sabers accepts no liability for damage caused by failure to follow these instructions.**

The charging time is approx. 5 hours. The lightsaber is fully charged when a „ready“ signal sounds. The exact charging status can be viewed in the app.

## Control your lightsaber via app

Connect your lightsaber to your smartphone via Bluetooth and adjust blade colours, sound fonts, effects and settings directly in the app. You can find the download links for iOS/Android on our website.

## Further information

You can find a list of all sound fonts, blade effects, blade modes and information about the app at [www.swissabers.ch/bedienung](http://www.swissabers.ch/bedienung) or scan the QR code on the first page.

After use, the lightsaber should always be put into sleep mode to save the battery and prevent it from being switched on accidentally. If the lightsaber is not used for 10 minutes, it switches off automatically.

If the lightsaber is not used for a longer period of time, we recommend removing the battery from the housing to prevent deep discharge.

For models with an integrated „killswitch“, it is sufficient to set the switch to „Off“. This is located inside the lightsaber.

## Troubleshooting

### Problem: The lightsaber cannot be switched on

Is the battery fully charged? Charge the lightsaber for a few hours and then try again.

The battery may also have slipped out of its holder due to impact. Try removing the battery from the housing and reinserting it.

### Problem: The lightsaber cannot be charged with the USB-charging cable

The battery could be deep discharged. Remove the battery from the housing and try to charge it directly with the black battery charger.

### Problem: The lightsaber does not produce any sounds

Is the lightsaber muted?

=> With the blade switched off, hold the button until it has flashed exactly once, then release it. If the problem persists, fully charge the battery and try again.

### Problem: The LED/blade cannot display all colour tones correctly.

For RGB lightsabers: The battery charge level is low.

If your problem persists, please contact our support team at [www.swissabers.ch/support](http://www.swissabers.ch/support)

## Operation and functions

The lightsaber can be operated by pressing the power button or by motion controls (or a combination of both). To change different settings and functions, the button is pressed for a set duration (or a set number of flashes). On most premium models, the power button does not have an LED for aesthetic reasons. The following applies for orientation: **One flash corresponds to holding the button for 0.5 seconds.**

To bring the lightsaber out of sleep mode, press and hold the power button for one second. The power button will now light up. Press the button briefly to switch on the blade.

By default, each sound font has a specific blade effect, blade mode and blade colour. All three settings can be overwritten individually for each sound font. When switching to a different sound font, the settings can be changed separately without affecting the other sound fonts.

A table of all functions is listed below. Please note that the gestures depend on whether the blade is lit or off („blade switched on or off“).

### Operation with blade switched off

Press briefly or move forwards quickly (stabbing movement)	Switch on the blade
Turn* the lightsaber clockwise	Switch on the blade
1x flashing (hold for 0.5 seconds)	Change volume (high volume, low volume, mute)
2x flashing (hold for 1 second)	Change blade effect
3x flashing (hold for 1.5 seconds)	Change blade mode
4x flashing (hold for 2 seconds)	RGB: Clash on/off Pixel: Switch to previous sound font
5x flashing (hold for 2.5 seconds)	RGB only: Motion controls on/off
6x flashing (hold for 3 seconds)	RGB only: Switch to the previous sound font
Point the lightsaber downwards and turn* anti-clockwise	Switch to the next sound font
Point lightsaber upwards and turn* clockwise	Play music / soundtrack (if available)

### Operation with blade switched on

Press briefly and release	Blaster deflect
1x flashing (hold for 0.5 seconds)	★ Pixel: Drag effect
2x flashing (hold for 1 second)	Change colours (slowly)
3x flashing (hold for 1.5 seconds or longer)	Switch off the blade
Turn* the lightsaber clockwise	Switch off the blade
Point the lightsaber downwards, hold down the button and turn* anti-clockwise	Change colours (quickly)
Point the lightsaber downwards, hold down the button and turn* clockwise	Change colours „Twist Colour Change“ (rotating the lightsaber changes the colour tone)
Point the lightsaber upwards, hold down the button and turn* clockwise	Force effect
Hold down the button and hit the lightsaber	Lockup effect
Hold down the button and move the lightsaber forwards quickly (stabbing motion)	Pixel: Melt effect
Move the lightsaber forwards quickly (stabbing motion)	Pixel: Stab effect
Hold for 10 seconds	Switch off the lightsaber (standby)
Hold for 13 seconds	Pixel only: Pixel-to-RGB / RGB-to-Pixel Mode

\*Note: For motion controls with rotations, the lightsaber must be rotated quickly around its longitudinal axis in the corresponding direction (e.g. clockwise) and then rotated back again.

We reserve the right to make changes. The functions may change at any time due to updates. The latest version of these operating instructions is always available on our website.

## Motion controls

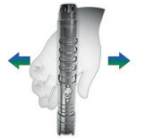
### Switch the blade on/off:

Push the handle forwards in a quick „stabbing motion“ or turn\* it clockwise.



### Change sound font (with the blade switched off):

To select the next sound font, point the blade towards the floor and turn\* it quickly anti-clockwise.



### Play music (with the blade switched off):

Point the blade upwards and turn\* it anti-clockwise. Music/soundtracks must first be transferred to the SD card.



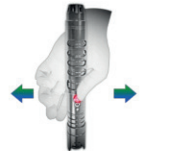
### Activate lockup (with the blade switched on):

Hold the button and hit the lightsaber to activate the lockup. Press the button again to end the effect.



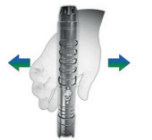
### Change blade colour quickly (with blade switched on):

Point the lightsaber towards the ground. Hold the button and turn\* the lightsaber anti-clockwise. The blade colours will now change quickly. Press the button to select the desired colour.



### Change blade colour („Twist Color Change“ with the blade switched on):

Point the lightsaber downwards. Hold down the button and turn\* the lightsaber clockwise. The colour of the blade can now be changed by rotating the lightsaber around its own axis. Press the button to select the desired colour.



### Activate force effects (with the blade switched on):

Point the lightsaber upwards. Hold the button and turn\* the lightsaber clockwise. For some sound fonts, there are no or even multiple force effects available.

