

ENDOR
LIGHTSABERS

HELLO

Let's introduce ourselves !

We are a team of science-fiction enthusiasts from France.

We heart everything related to a galaxy far, far away. Our goal is to bring affordable, yet realistic and enjoyable lightsabers on the European market.

We were able to develop a very healthy relationship with our partners, who allow us to mount/assemble very high quality sabers, at an affordable range of prices. They also allow us to design our own parts, components, models, and edit our own programs

Thank you for embarking in this adventure with us !

Ecologically Responsible

Our planet is a huge concern to all of us, and we are aware that we can't wait after governments to change things. Each one of us need to make the change if we want to preserve what can be saved. So we decided to be as environmentally friendly as possible.

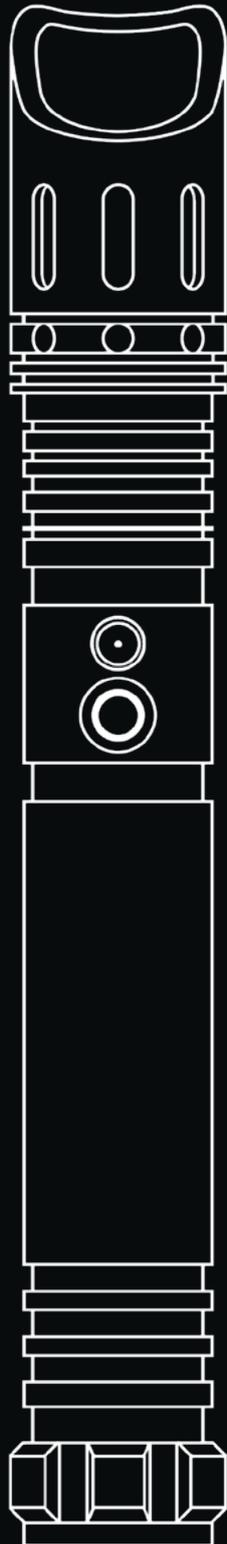
We are already using 100% recycled and recyclable items for our packagings, we work with FedEx and Mondial Relay, both engaged in reducing harmful emissions and recycling resources. And we are currently working on developing better, more efficient batteries.

Closer to our customers

All your orders are prepared and checked with passion and love for what we do. We take care of our customer services ourselves and we do our best to do it well. We answer all your messages and try to do it as fast as possible. We listen to you.

TRANSPARENCY

Understand our Prices



- 35% - Materials, components, logistics.

- 27% - Taxes, administrations.

- 12% - Tools, bills, packaging

- 5% - Advertising

FIRST STEPS

Warranty

Our lightsabers come with a one year warranty. It starts from the day of the purchase, goes on for 365 days and covers defects in original materials and original workmanship.

Warning

This product is not suitable for children under the age of 12. Children under the age of 15 should be supervised by an adult. Don't hit anybody with the lightsaber. Be responsible for your acts. Be respectful to others.

Always use included charging accessories. Voltage : always at a maximum of 5V 1A. Failure to comply with these instructions will result in a fire hazard, damage electronics and will void your warranty.

Any modifications, or damages done to your lightsaber, will void your warranty.

First Steps

The hilt and the blade come separately inside the box to prevent any damage during delivery. Please note that before any use of your lightsaber, it is important to fully charge the battery. Let it charge for a straight 8 hours.

Most of our lightsabers have a connector directly on the hilt. But other models such as "LK-83" or "OB-77", have the recharge port inside the chassis, you need to remove the pommel in order to access this port.

Other models such as GFX-1, AH-SK (shoto), RY-19 and VD-80, don't have a recharge port. You have to unscrew the handle and remove the battery, then place it in the appropriate charger, sent with your order.

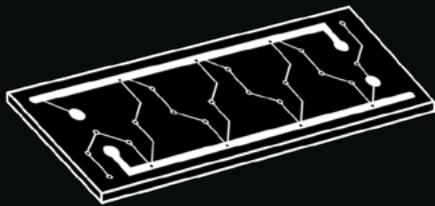
When the battery is fully charged, you can insert the blade, or plug inside the hilt. For the Master and Exile series, be sure that the blade makes contact with the pogo-pins inside the chassis. Screw the blade firmly to the hilt with all the retention screws. Not too strong either as you don't want to brake the screws or the blade, but firmly enough so the blade is not able to move inside the hilt.

PACKAGE

Included in your package :

- **a hilt**, two if you have ordered a double bladed lightsaber
- **a blade**, two if you have ordered a double bladed lightsaber
- **a charging cord / device** depending on the model you have ordered
 - **an allen key** or any needed tools for your saber
 - **screws** to tighten the blade inside the hilt
- **extra** depending on the models, they will come with extra control box cards, buttons, rings or shims.

What is this :

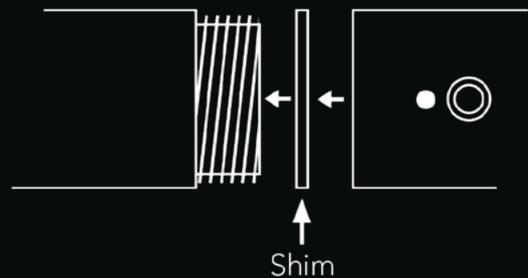
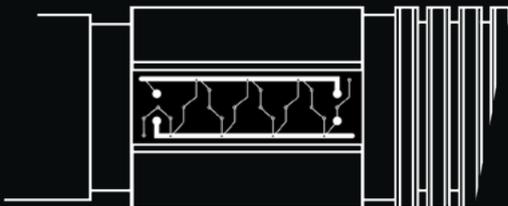


This is a replacement control box card (button plate) for our LK-83, OB-77, VD-80 and GFX-1 models.

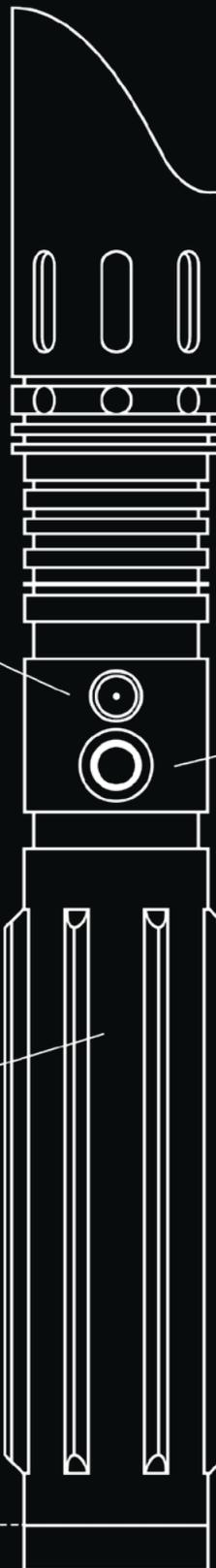
It is totally optionnal and only customize the aesthetics of your saber.



These "rings" are called shims. They are to be placed in between two parts of your hilt if you want to change the alignment of these two parts. It is totally optionnal.



LIGHTSABER



EMITTER

Most of our sabers feature 1" blade's emitters. Exile and Exquisite series come with 7/8 blades and an adaptor. See details on the next page.

RECHARGE PORT

Hidden inside the hilt on a few models (LK-83, OB-77...)
Some sabers such as GFX-1 or RY-19 for example don't have a charging port but come with a separate charger instead.

ACTIVATION BUTTON

Can be hidden under a button plate, or "control box card" on models such as LK-83, OB-77, GFX-1...

Our RY-19 model comes with a different button design that rotates around the hilt.

HANDLE

Depending on the saber, grip or strap can be added.

POMMEL

COVERTEC WHEEL

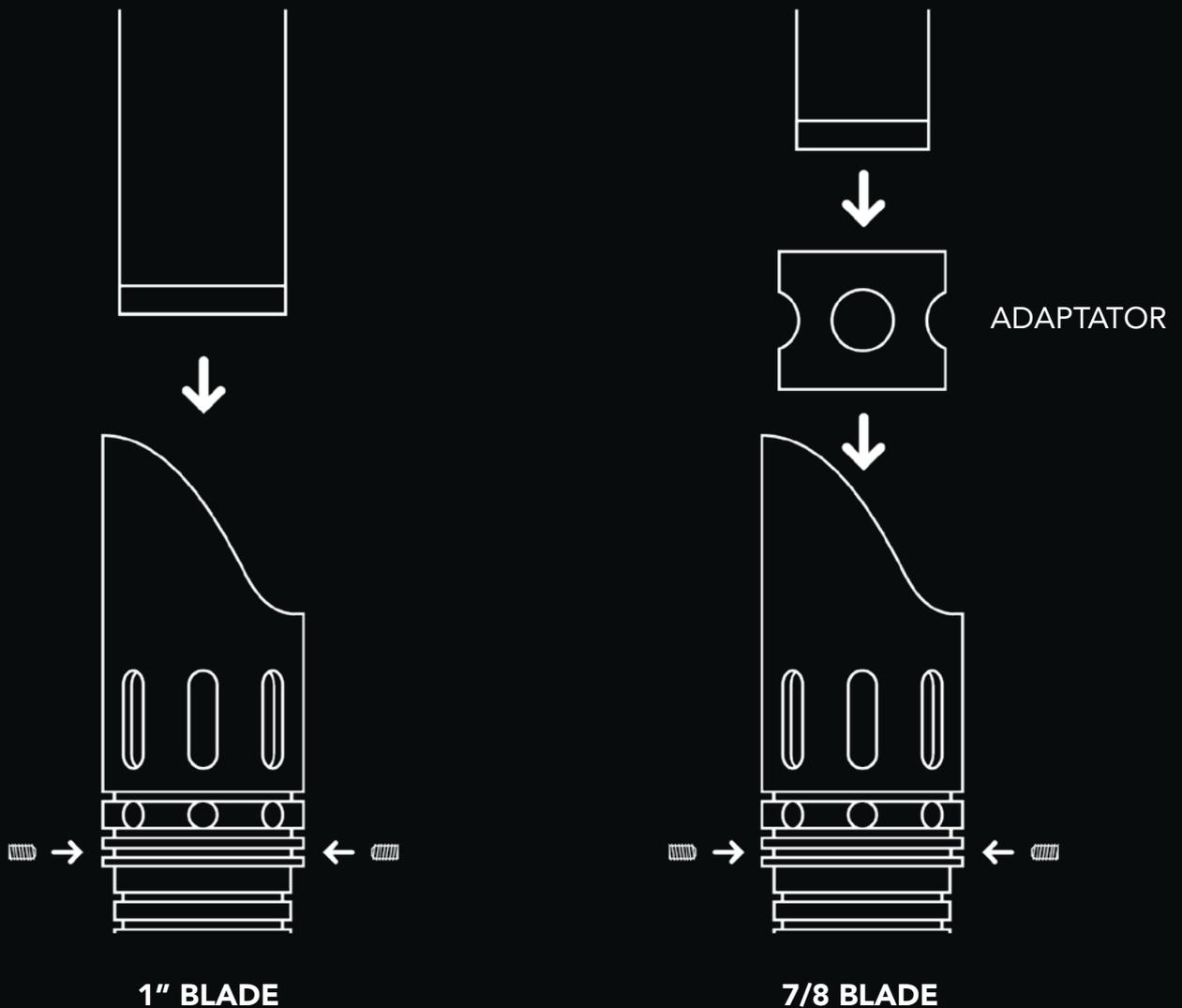
Can be added here on specific models.

Can be replaced by hilts connectors on specific models.

BLADES

Assembling Blades

If send our sabers and blades separated in order to prevent any damages during transport. Once you get you lightsaber, the first thing you will want to do, (after charging the battery), will be to assemble the blade. Of course, if you have purchased an EXILE or EXQUISITE series, make sure that the bottom of the blade is in contact with the little pogo pins inside the hilt.



Insert the blade inside the hilt and fasten the little screws, strong enough to secure the blade, but not too strong to prevent any damages.

The process is the same as with the 1" blades, except that you will need to place an adaptator at the bottom of the blade.

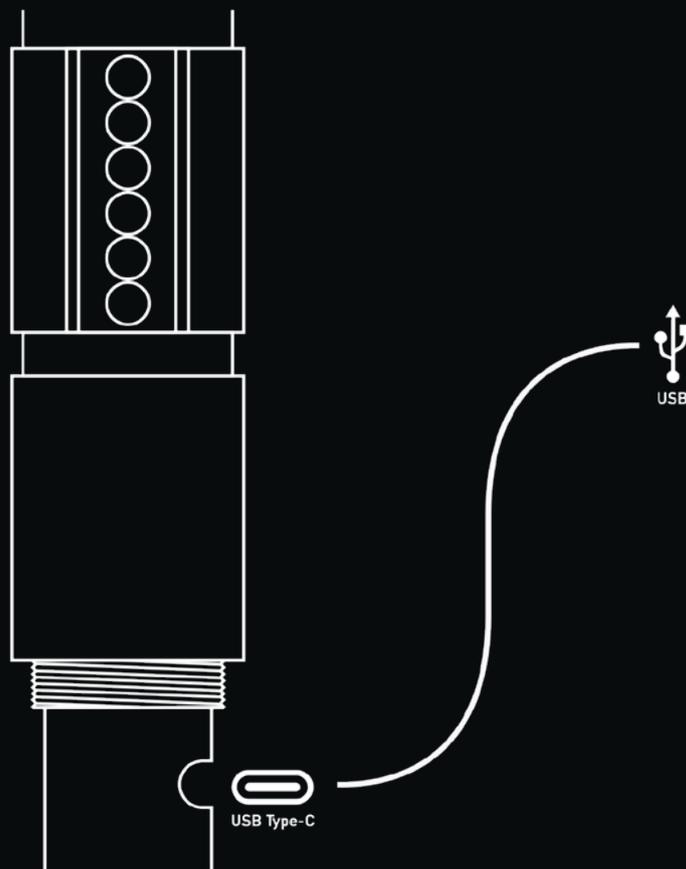
BATTERIES

Charging my LK-83 or OB-77

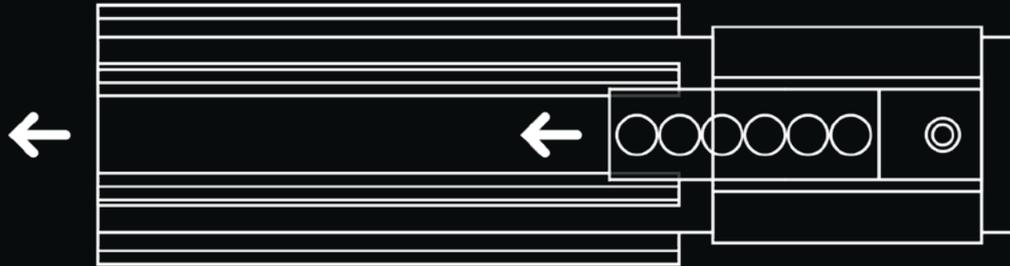
As mentioned before, most of our lightsabers feature a charging port directly on the hilt. But our LK-83 and OB-77 lightsabers have their charging ports inside the hilt. In order to access the charging port, you will have to unscrew and remove the pommel (lowest part of the hilt).

Once you have removed the pommel, you will have access to the charging port. It is a Type-C USB port. Use the cable that was inside your package to charge the battery. You can connect this cable to your computer or phone charger.

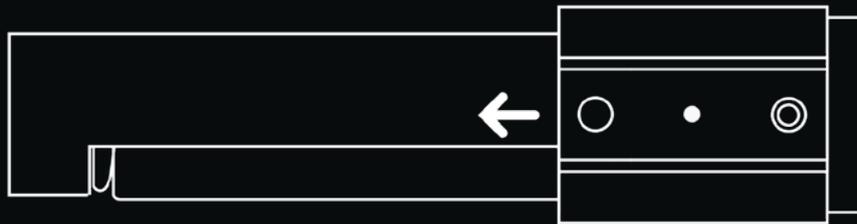
Always use the charging devices we send along with your sabers. If there are no charging devices in your package, please contact us. We will send you what's needed right away. Don't try to use other devices, that could damage the electronics inside your lightsaber.



Charging my GFX-1



In order to access the battery on the GFX-1, you need to remove the button plate (by sliding it down) and unscrew the screw under the button plate. Remove the button plot and unscrew the lower part of the hilt.



You can now remove the battery. Once the lower and button parts are removed, you have access to the battery.



You can now remove the battery and place it in the charger you have received with the saber. Be careful to always check the polarity when placing the battery back.

INSTRUCTIONS

APPRENTICE SERIES

- **Turning ON** : Press and hold the button until you hear "Power On" to get out of sleep mode.
- **Ignite the Blade** : Short click on the button
- **Lock-Up Effect** : While the blade is ON, hold the button 0,5 second, or 1 LED flash.
- **Change Color** : While the blade is ON, hold the button 1 second (2 LED flashes) and release.
- **Turning OFF the blade** : While the blade is ON, hold the button 2 seconds (4 LED flashes).
- **Change Volume** : While the blade is OFF, hold the button 0,5 second (1 LED flash).
- **Change Blade Style** : While the blade is OFF, hold the button 1 second (2 LED flashes).
- **Turn ON/OFF Flash on Clash** : While the blade is OFF, hold the button 2 seconds (4 LED flashes).
- **Change Fonts** : While the blade is OFF, hold the button 2,5 seconds (5 LED flashes).
- **Sleep Mode** (turn your saber completely OFF) : Press and hold the button for 10 seconds.
(the lightsaber will automatically enter deep sleep mode after 10 minutes of inactivity)

MASTER SERIES

- **Turning ON** : Press and hold the button until the introduction sound. The lightsaber is ON
- **Blade Activation** : short click when the blade is OFF
- **Blaster Block** : short click when the blade is ON
- **Drag Effect** : hold the button for 0,5 seconds (1 flash) and release while the blade is ON
- **Change Color** : hold the button for 1 second (2 flashes) while the blade is ON, release to enter cycle
- **Confirm Color** : short click while the blade is in color change mode
- **Force Effect** : hold the button for 1,5 seconds (3 flashes) and release while the blade is ON
- **Blade Deactivation** : hold the button for 2 seconds (4 flashes) while the blade is ON
- **Change Volume** : hold the button for 0,5 seconds (1 flash) and release while the blade is OFF
- **Change Blade Effect*** : hold the button for 1 second (2 flashes) while the blade is OFF
- **Change Blade Mode**** : hold the button for 1,5 second (3 flashes) while the blade is OFF
- **Change Soundfont** : hold the button 2 seconds (4 flashes) while the blade is OFF
- **Enter Deep Sleep Mode** : hold the button for 10 seconds
(the lightsaber will automatically enter deep sleep mode after 10 minutes of inactivity)

* Blade Effects: Steady, Unstable, Pulse, Fire, Rainbow

** Blade Modes : Blaster Blade, Ghost Blade, Pre-on Effects...

Motion Controls

- **Blade Activation/ Deactivation** : Quick stabbing motion forward
- **Change Soundfont** : Quick twist while pointing the saber down while the blade is OFF
- **Play Music** : Quick twist while pointing the saber up. Twist again will stop the music.
- **Lockup Effect** : Hold the button and hit the hilt. Release the button to end Lockup.
- **Change Color** : Quick twist while pointing the saber down and holding the button. Release to select color.

INSTRUCTIONS

MASTER SERIES

Updating Firmware

In order to update your firmware, fix possible issues or make improvements, it is possible to update your firmware. Before doing so, please check on our website if any updates are available. It's in the "MEDIA" section of our website. <https://www.endorlightsabers.com/media>

To access your SD Card, remove/unscrew the pommel/lower section of your lightsaber. Remove the battery. Please always be careful to remove your battery prior to access your SD Card as the SD Card is way more fragile than what we could think.

Locate the SD Card and gently remove it from the board. Plug it into a SD Card reader and into your computer. Open the "Set" folder that is on the SD Card, drop, or copy/paste the "update.bin" file you have previously downloaded.

Safely eject your SD Card from the reader by right clicking the SD Card from your computer and hit "eject". Carefully place the SD Card back onto your board. Do not force it. It should slide in smoothly. If not, check that your SD Card is in the right direction and correctly placed.

Place back your battery. Please be sure to place it back in the right way, be extremely careful of the polarity. There is a + and a - sign, both on the battery and on the chassis. Misplacing the battery would fry your board, and the warranty doesn't cover this kind of error.

Do not turn on your saber yet, wait until you hear the "update complete" sentence. Now you can enjoy a fully updated lightsaber.

Adding Soundfonts

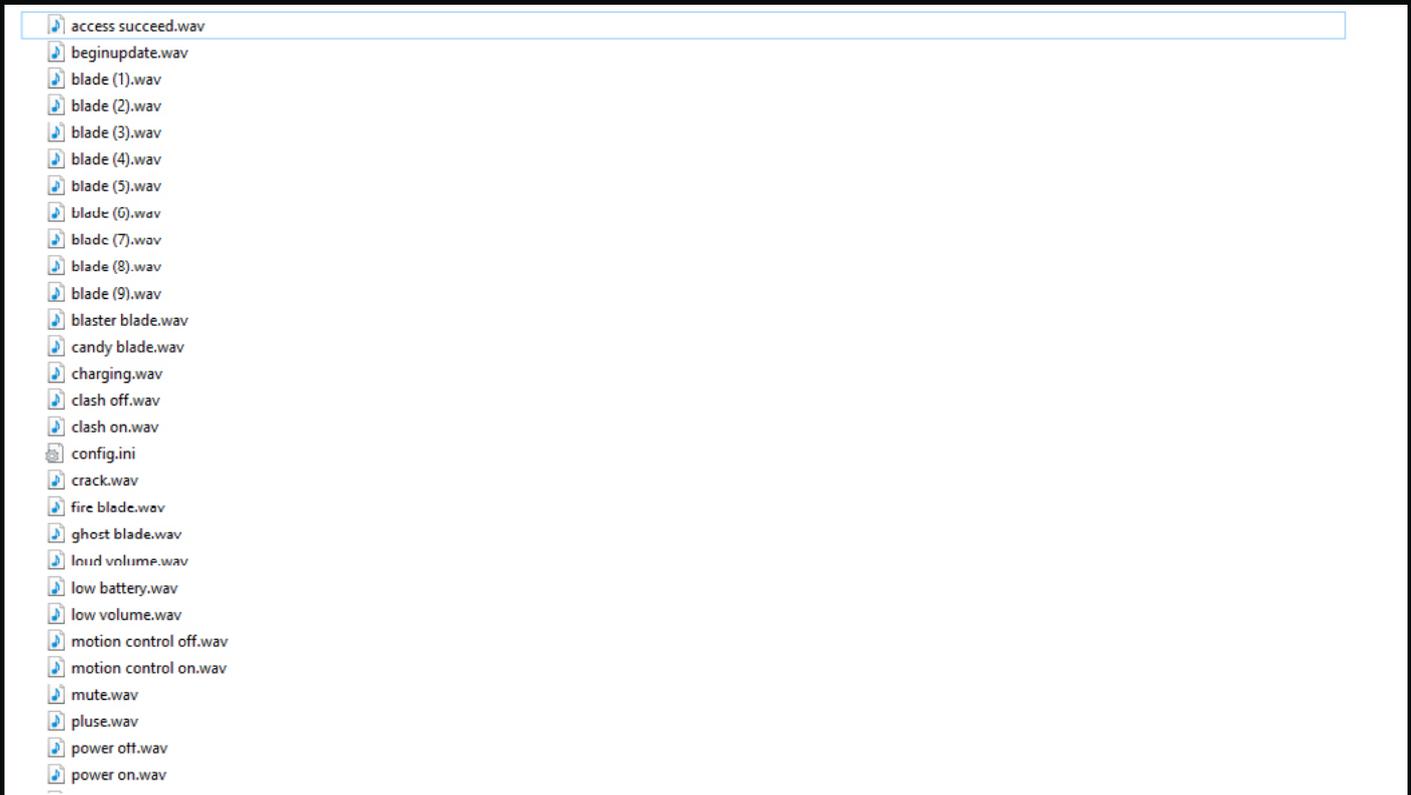
Before attempting this, please do know that by customising your saber you will void any warranty you have and also note that we do not offer support on Xenopixel V2 board editing. Please also create a back up of all original files that are installed on your saber before replacing or editing any them.

Converting sounds over to work with Xenopixel can take some patience, but is not a difficult process. At this time, conversion must be done manually.

In order to add soundfonts, you need to access your SD Card. It's the exact same process as mentioned above in the "Updating Firmware" section.

Open the "Set" folder, and add your soundfont(s). Please note that your soundfont's folder(s) can't have names, it needs to be numbered according to the folders you already have on your SD Card. The fonts folder must be numbered sequentially, therefore, if you have 34 fonts folder already installed, you need to add your folders following those number, so folder 35, 36, 37...

If you have downloaded soundfonts not specifically designed for Xenopixel, such as Proffie or CFX, you will need to rename your sound files. Take example of the soundfonts you already have installed. You files names should always look like "font, font (1), clash, clash (1), clash (2)" ...



Also note that the only accepted format for your audio files is the wave form ".wav" with a frequency of 44100Hz. If the frequency differs, your audio files won't be working.

Edit Motion Controls, Pixels length, default font's Colors :

To edit the Motion controls, the Pixel Length, each default fonts' colors, the start up and shut down times, clash sensitivity or volume, pen the "Set" folder, then open the "config" file.

The config file has brief descriptions and instructions on how to change each of these when open.

Once you have created any new fonts, edited any existing fonts or changed the config file (& saved it), safely remove your SD card and reinsert it in to the saber.

Please remember to make a back up of all files before any editing !

INSTRUCTIONS

EXILE SERIES

Coming Soon

REMINDER

My saber started sounding weird, it crackles or the sound goes off.

Don't worry, your lightsaber isn't broken. This sound only means your battery is running low and needs to be recharged.

I have charged my lightsaber several hours but it still does the same.

No worries. Again, your lightsaber is fine. It's unusual but may occur from time to time, with transport, or if you do dueling, the battery might have moved a little in the chassis. Unscrew the pommel/bottom part of your saber to access the battery, remove the battery and place it back.

This should have solved the problem. It usually solves many issues you might encounter with your saber.

For the "Exile" series, if this didn't solve the problem, do it again but this time, remove the SD card too, wait a minute, place it back in, place your battery back in. You're all set.

My saber won't ignite anymore and all I hear is a beep.

No worries, you've just entered volume changing mode. You activated it by pressing/holding the button and gave a little kick in the hilt. That is the trick to enter this mode. Each time you hit the button, the beep will either decrease or increase. Once you've reached the volume you want, or if you want to exit this mode press/hold the button again and hit the hilt with your other hand. This will save your setting and exit volume changing mode.

Please note that we always double check your sabers before sending them. When we assemble them, again when we pack them. They are strong products and are unlikely to break. They are designed to handle shocks.

Most of the issues you might encounter are either minor issues that can be very easily solved, or a simple misunderstanding of how to handle the saber. It does take time to get familiar with a lightsaber.

They are complex items with several functions and only one button, it's common to enter a mode without knowing it. If you have any questions, please contact us, we will gladly answer you.

contact@endorlightsabers.com

