



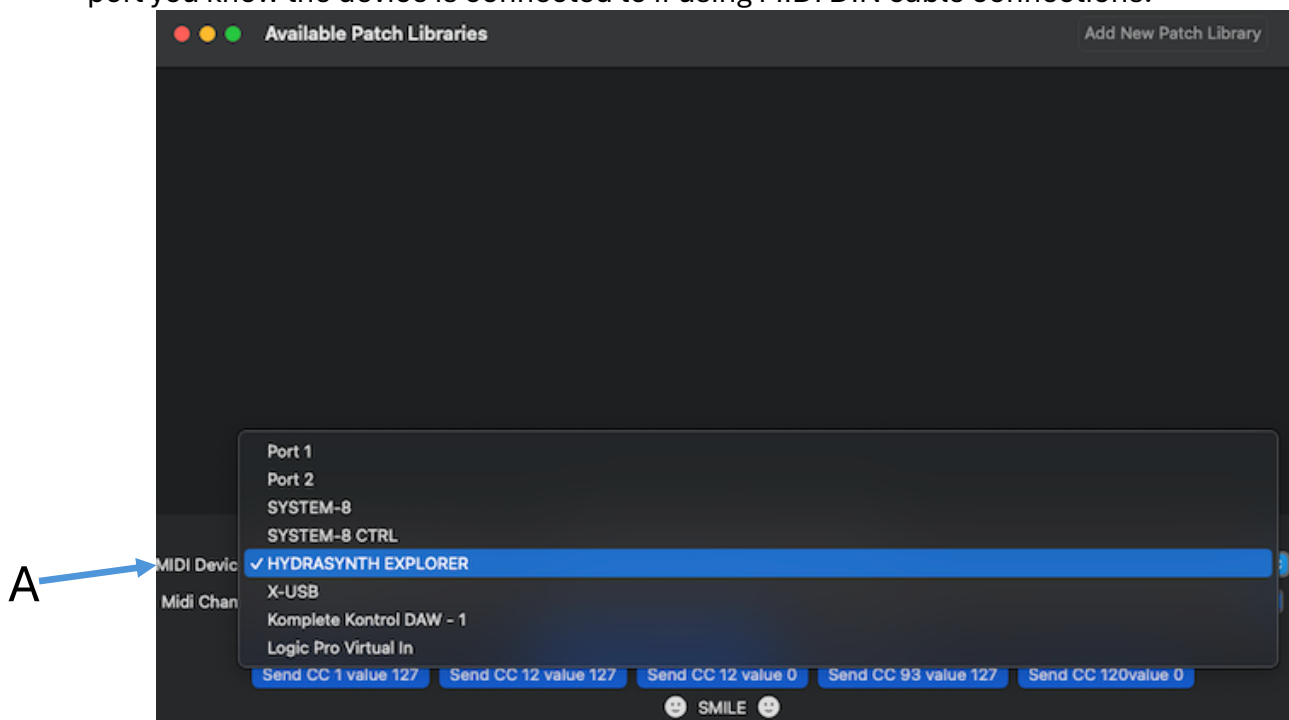
# SMILE GETTING STARTED

## Smile (Studio Midi Interface Link Enhancer)

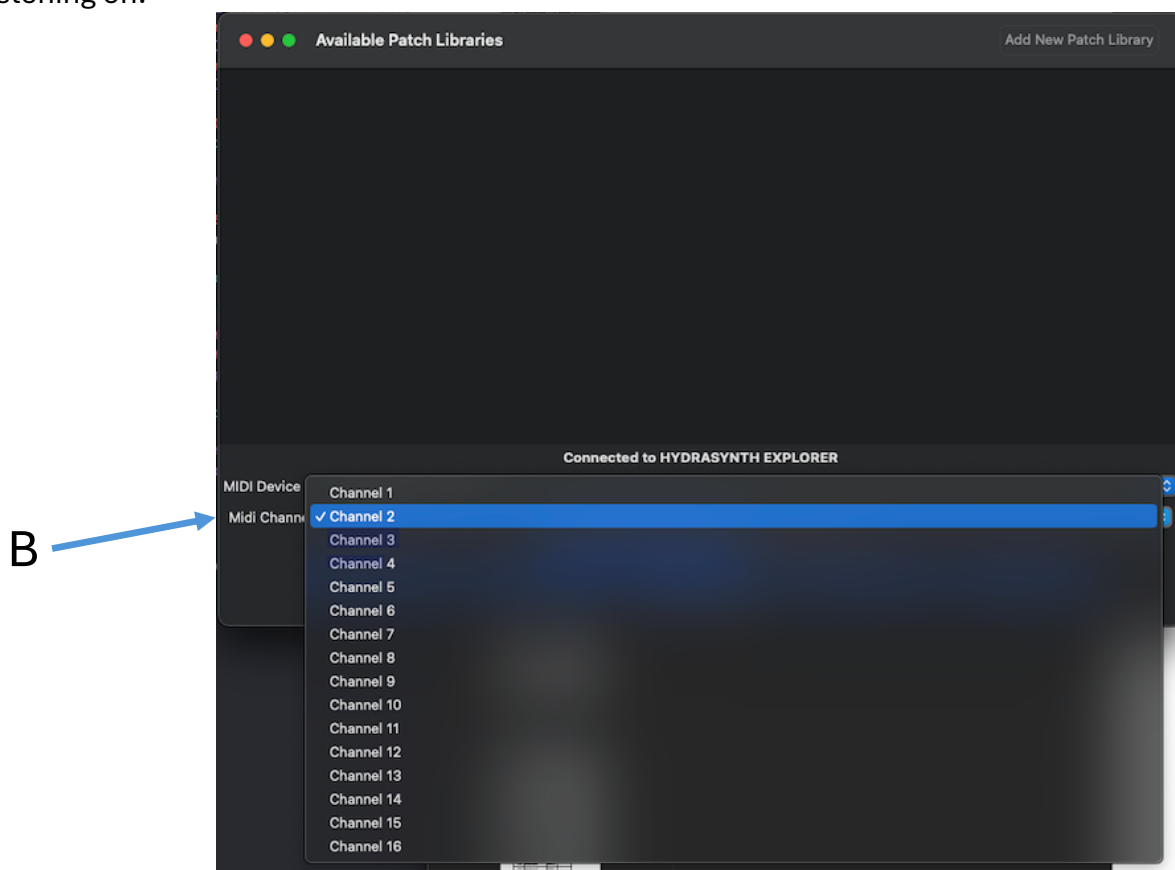
Smile is mainly made up of two things; curating lists of Patches with their patch no.'s etc., and then connecting to MIDI devices and sending patch change messages based upon the lists (you can also do some other stuff such as send MIDI Continuous Controller messages to the devices, more on that below)

You can start building your lists of patches before connecting to any MIDI devices, but here we will connect to a MIDI device first...

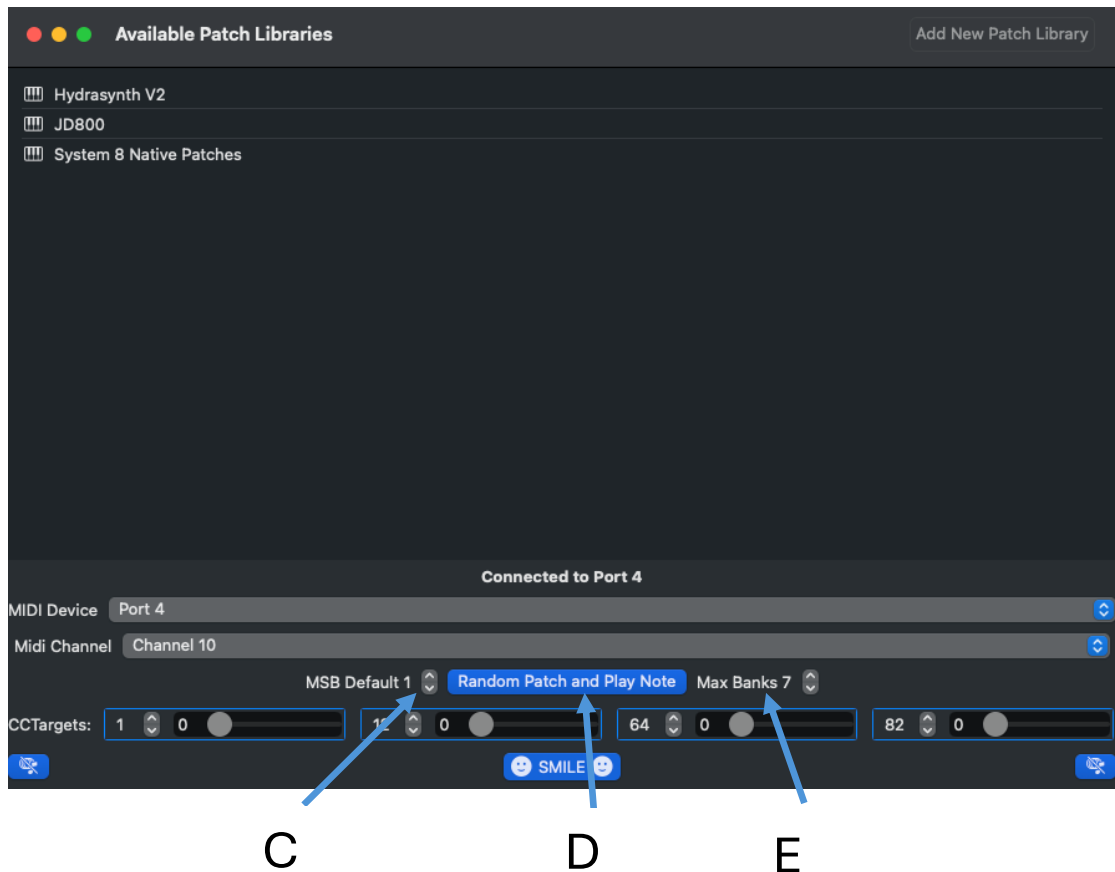
Click on the MIDI device box at the bottom of the screen (A) and select from the MIDI connections your computer can see – choose the device (if connected via USB) or the port you know the device is connected to if using MIDI DIN cable connections:



Then click on the Midi Channel (B) and select the number of the channel the device is listening on.



**To test the connection**, you can set the MSB value (if the device requires a MSB number, most don't and will ignore so can be left at 1). (C)  
You can then set the Max Banks (this is a number between 0-127 for the number of patch banks available on the device). (E)  
You can now click on the <Random Patch and Play Note> button (D) to test that smile is communicating with the device. This will send a random patch change request consisting of patchno(random between 0 and 127), LSB (random between 0 and Mac Banks) and the MSB to the device, and then play a note.

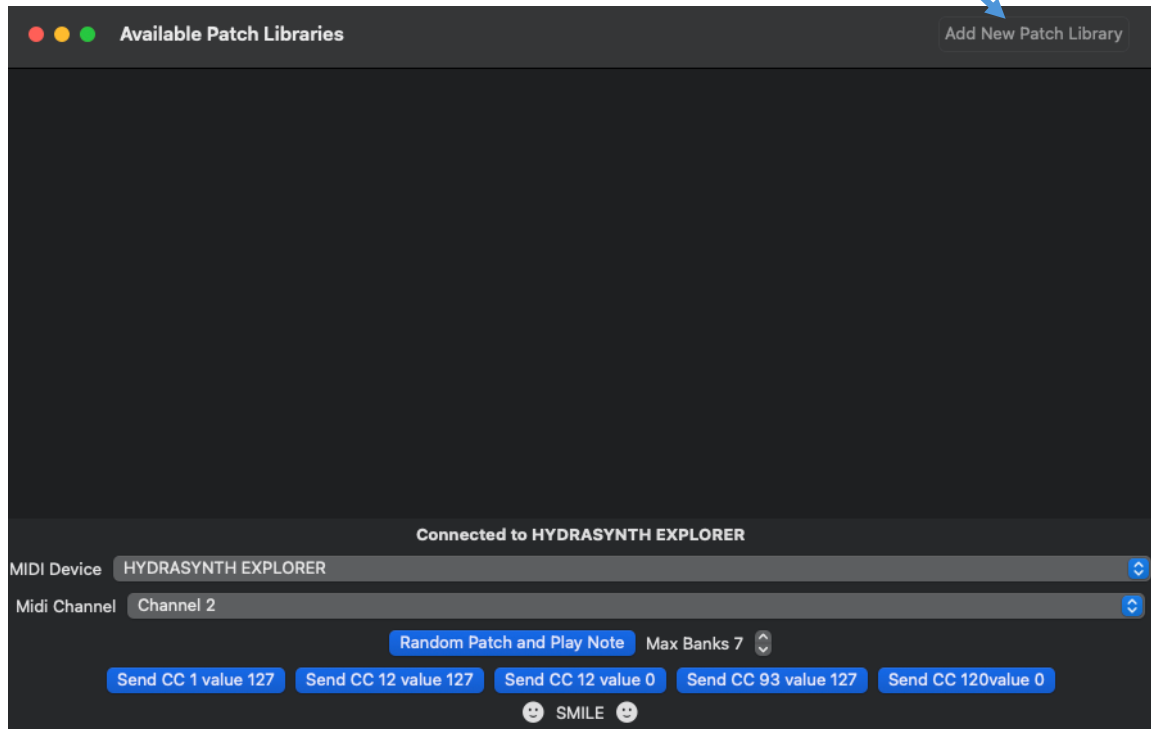
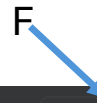


This should show you your MIDI is working. The Smile system will remember all the values you set for next time you use the program.

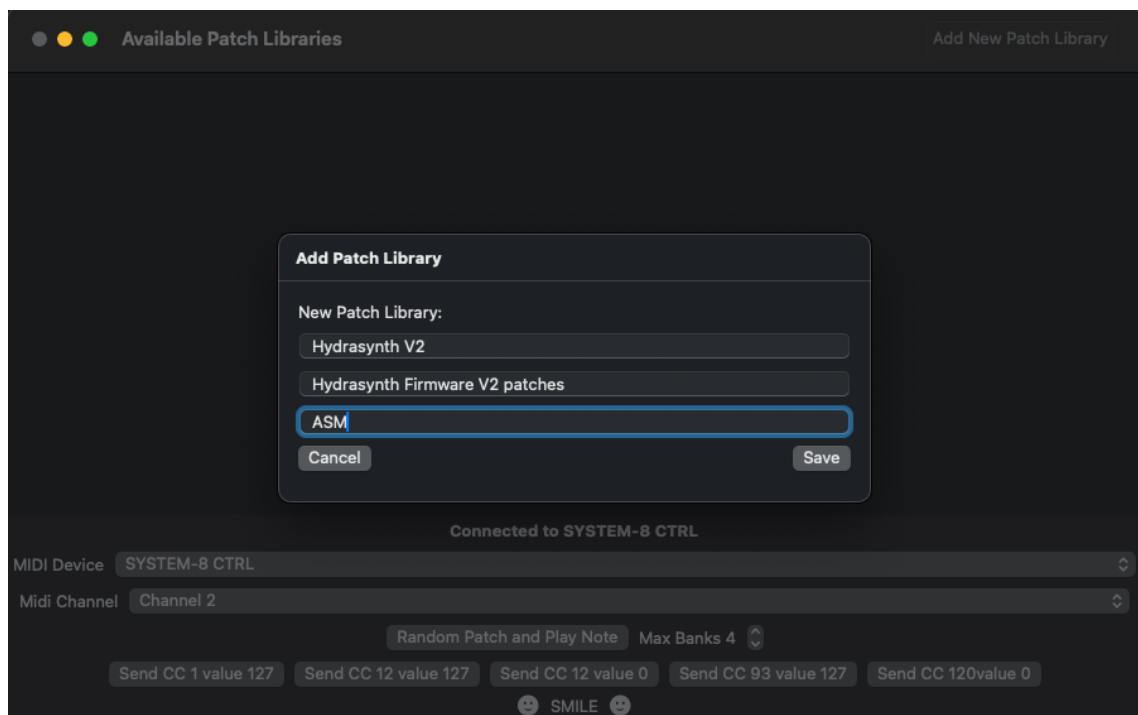
Once you're talking to your MIDI device, the next task is to:

### Add a Patch Library.

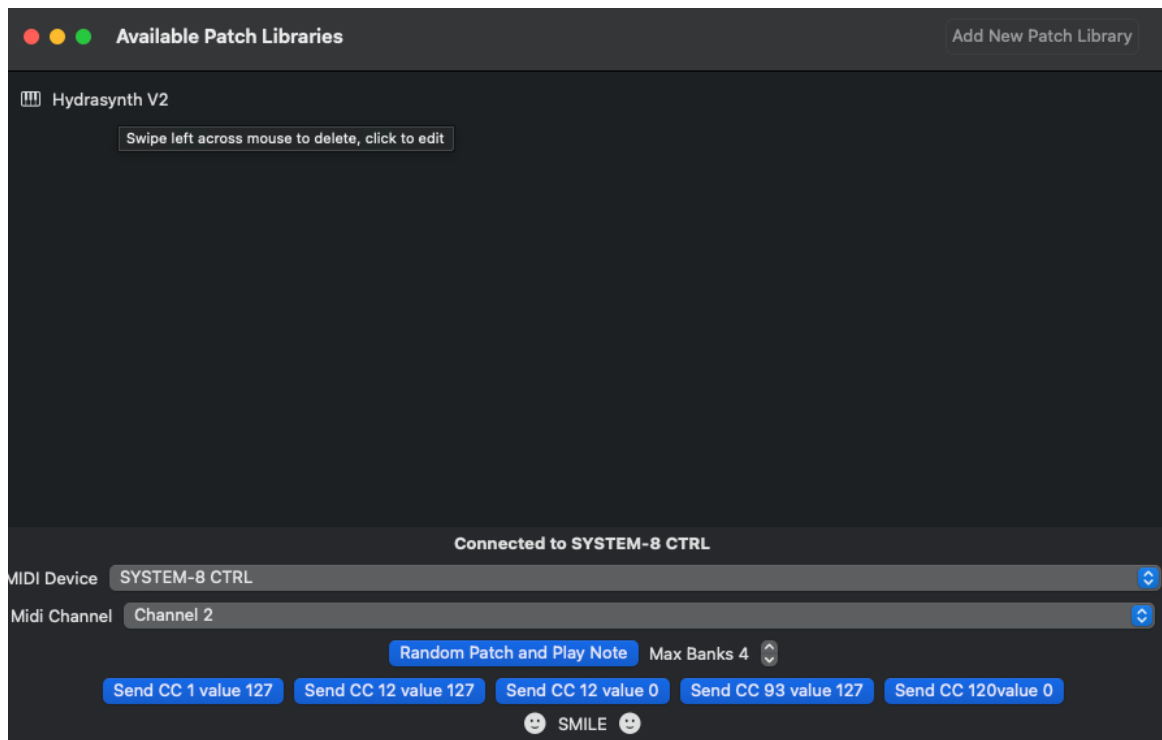
To add a Patch Library, click on <Add New Patch Library> (F).



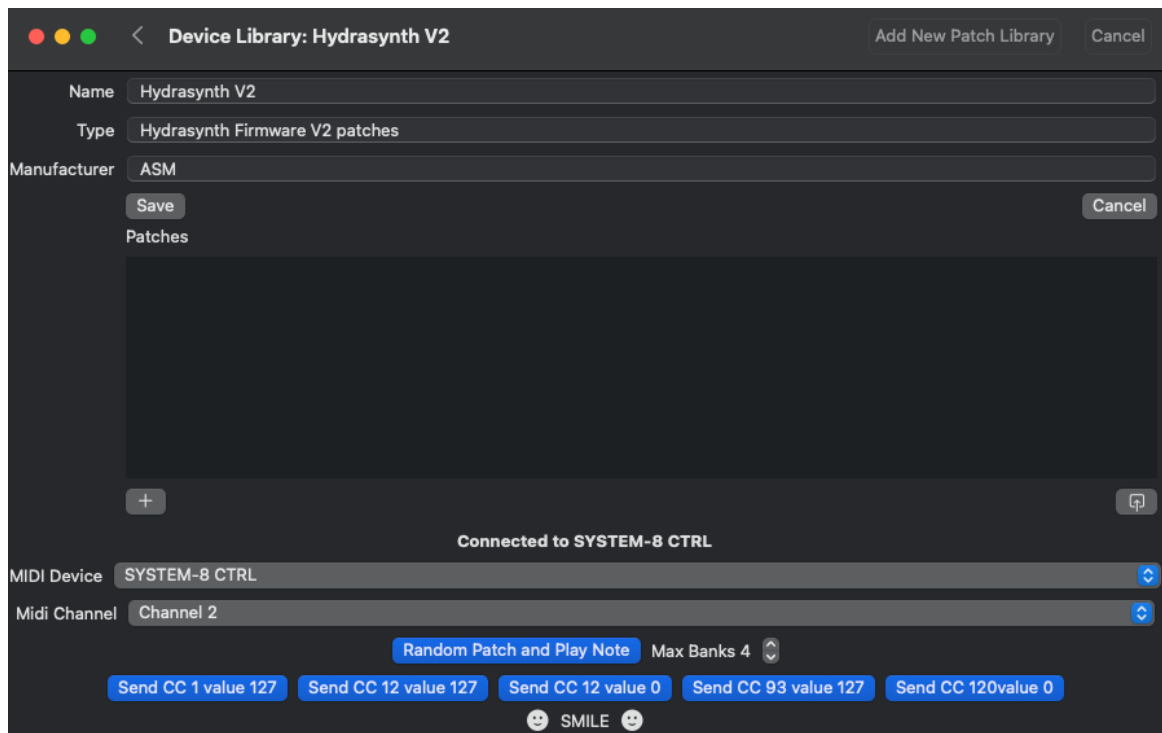
You can call the patch library what you want, fill in the boxes as below. Name, Description, Manufacturer. The <Save> button will then highlight so you can save it.



The system has tools tips to help you, e.g. if you hover over a Patch Library. To delete the Patch Library, swipe your finger hard to the left to delete immediately, or gentle scroll to the left and the delete button will appear.

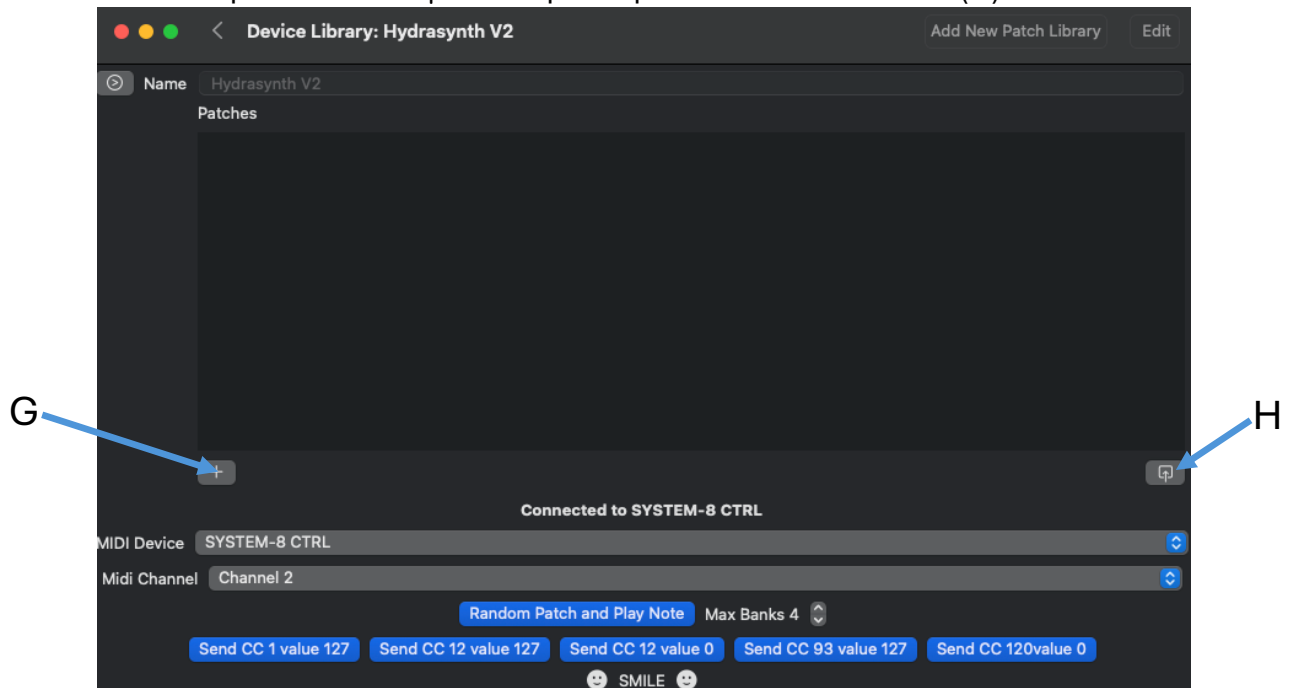


To use the Patch Library, click on it. On the next screen, to edit, click <Edit>, you can then change the details you want to, Click <Save>.

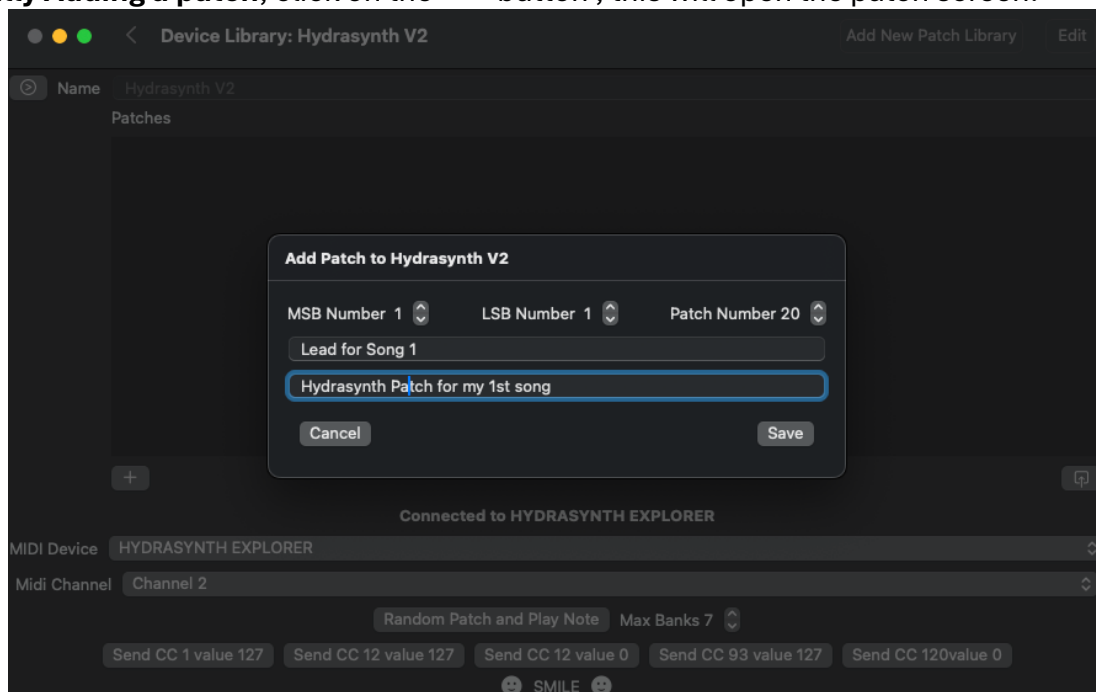


Next, we want to **Add a Patch**; you have two options:

1. Manually add a patch by clicking on the <+> (G). or
2. Use the import button <📄> to import a patch list from a TXT file(H).



**Manually Adding a patch**, click on the <+> button , this will open the patch screen.



Enter the following information

Most Significant Byte (MSB)

Least Significant Byte (LSB)

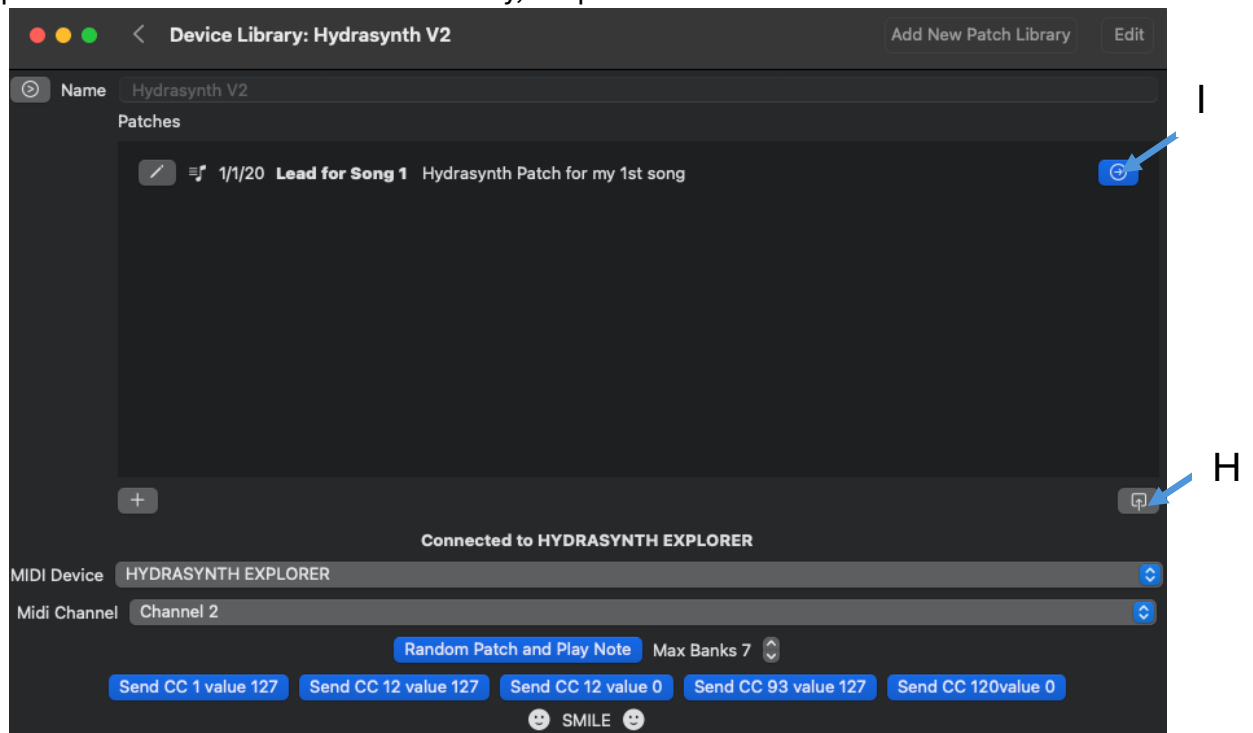
Patch Number (in all cases, holding the arrow down will auto scroll)

(All values start at 1 to 128)

Patch name

Patch Description

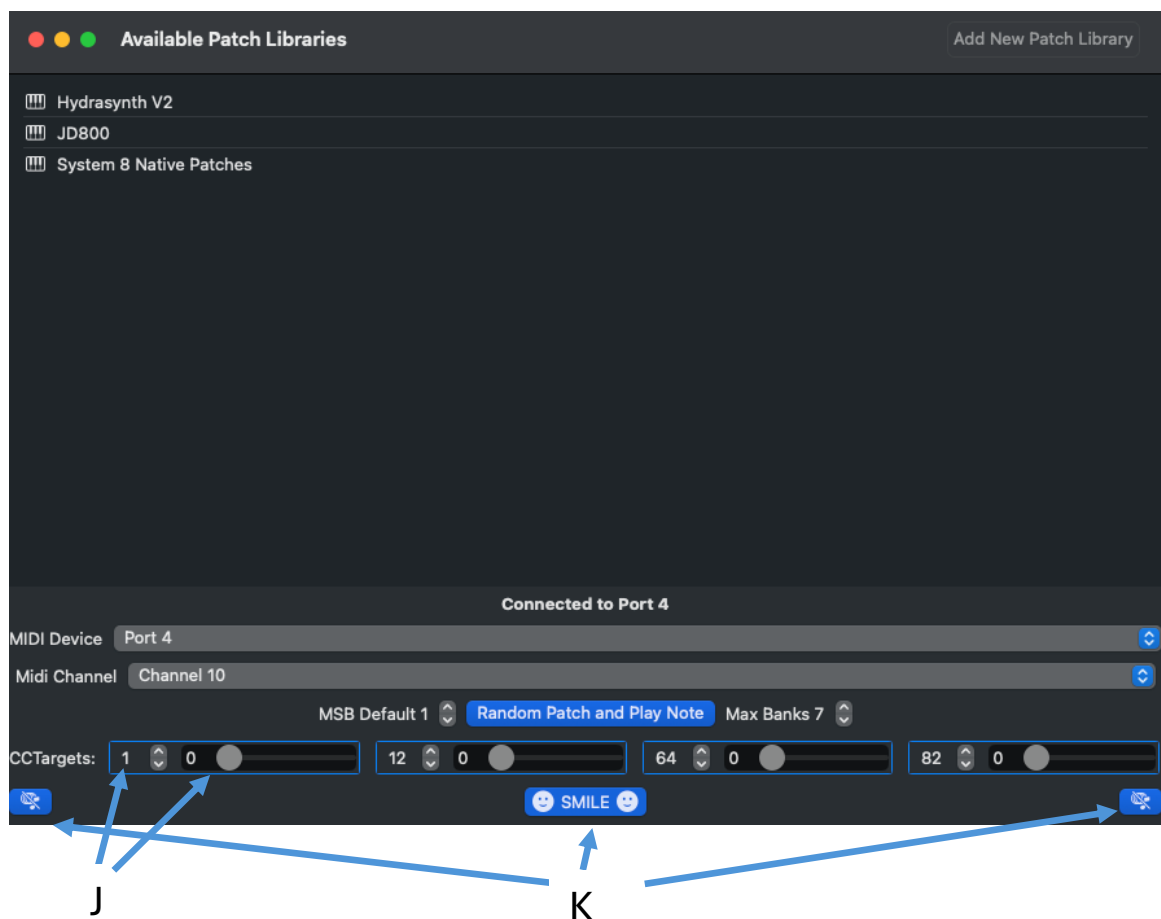
Once you have a patch saved, click on the <⌂> button (I) to send the patch change request to the device. As with the Library, swipe left on the Patch to delete it.



### More with the MIDI Device...

You can set and send the continuous controller targets and values using (J)

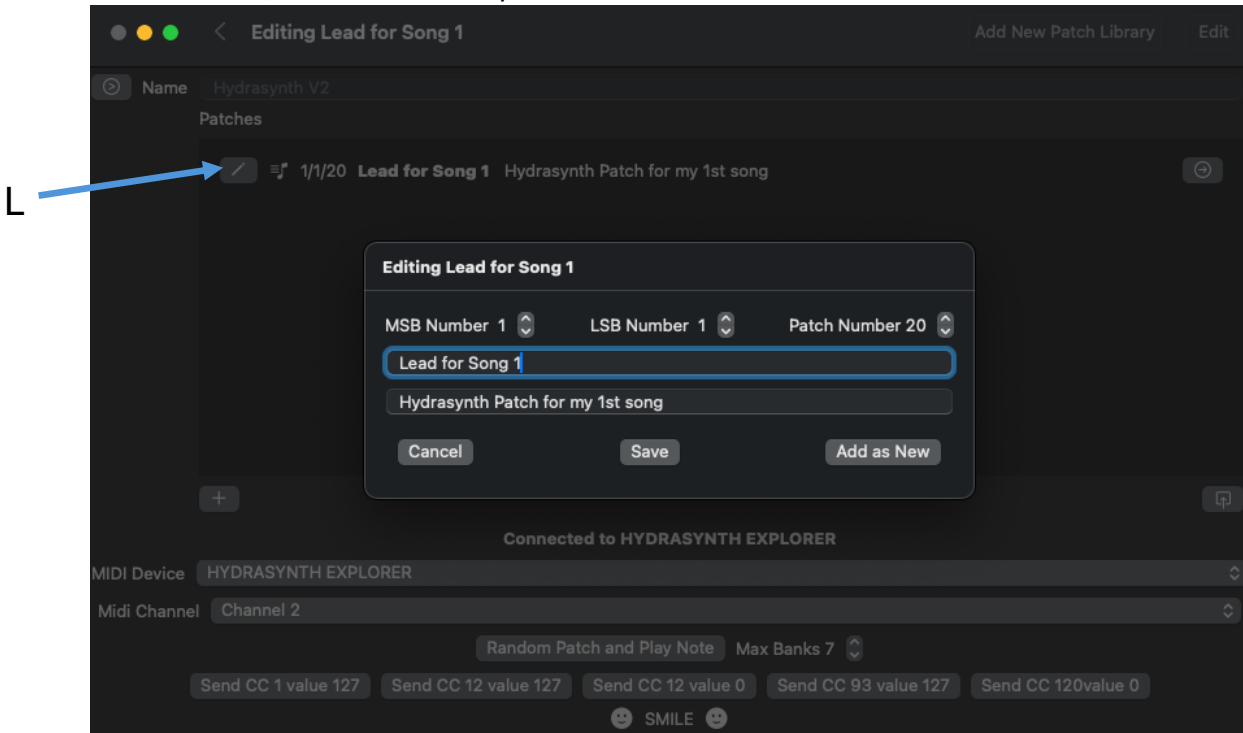
The buttons on the bottom left, right and middle sends an All Note Off command (K)





**To Edit a patch**, click on <✍>button (L)

You can make the changes and then <Save> to update the existing patch or <Add as new>, to create a new patch with these details.



**Import a patch list** from TXT file. <📄>

First, you need to create a TXT file with the word “smile” in its name and stored in the download directory.

The file needs to be in the following format, this may need the MSB number if your device requires it, if the device does not need the MSB number then this can be omitted from the file. The file is one line per patch using commas to separate the data. The patch description can also be omitted:

MSB(Optional) , LSB , PatchNo , PatchName , Description(Optional)

Example without MSB

```
JD800DefaultPatch.smile
1.11,Millennium
1.12,Massive Pad
1.13,Crystal EPs
1.14,Synthadelic Bass
1.15,Wailing Guitar
1,16,Fantasia 90's
```

Example with MSB

```
patchlist.smile
86,4,4,Imported Patch
86,1,4,Numbert 4 , with Descr
```

**Make sure you are in the Patch Library that you want to import the patches into.**

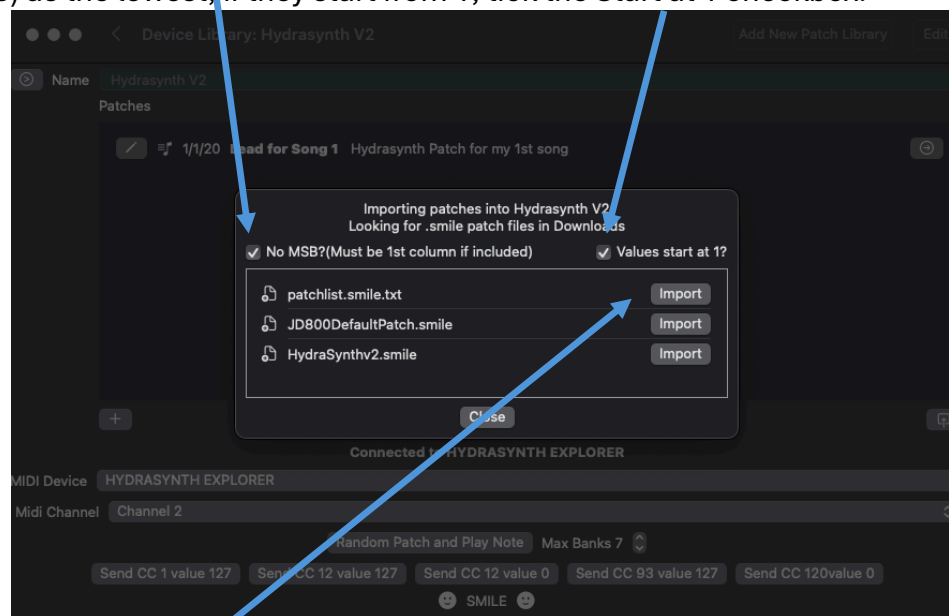
If you click on the import <📁> button (H)

A screen displaying any available files (files in your Download directory with “smile” in their name) will pop up (the first time you use this option you may get a warning from apple security about giving access to your Download directory, you will need to accept this for the import to work).

As above, files are CSV files, with records in the format:

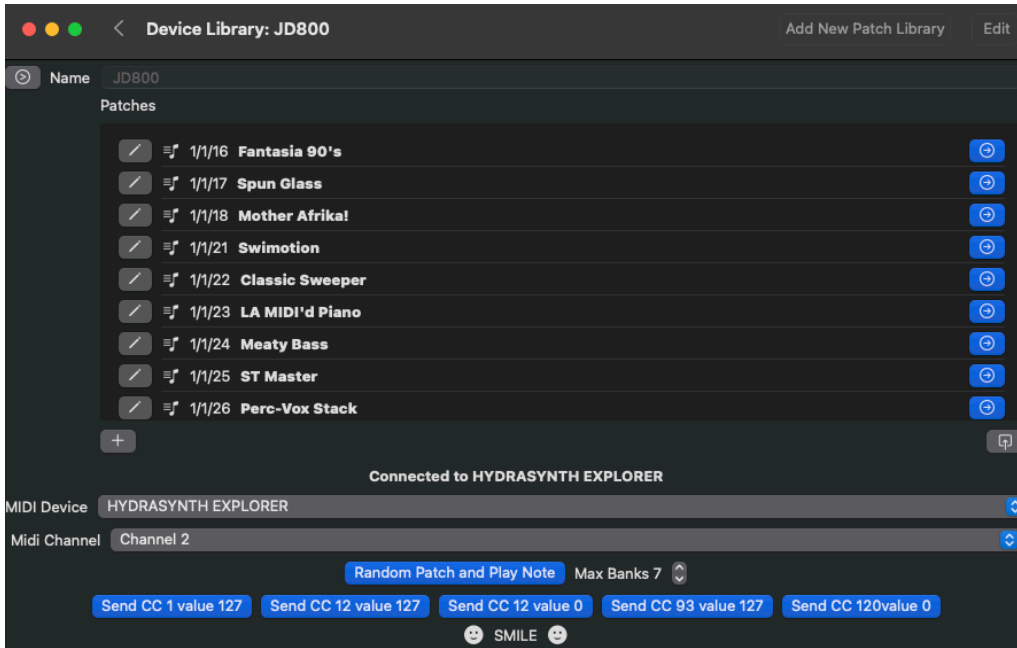
MSB(Optional) , LSB , PatchNo , PatchName , Description(Optional)

The MSB column is optional, tick if not present. Numbers can start from either 0 (up to 127) or 1 (up to 128) as the lowest, if they start from 1, tick the Start at 1 checkbox.



Click on the <Import> button to import the patches.

Here are the results from importing a file containing the Roland JD800 Default Patches

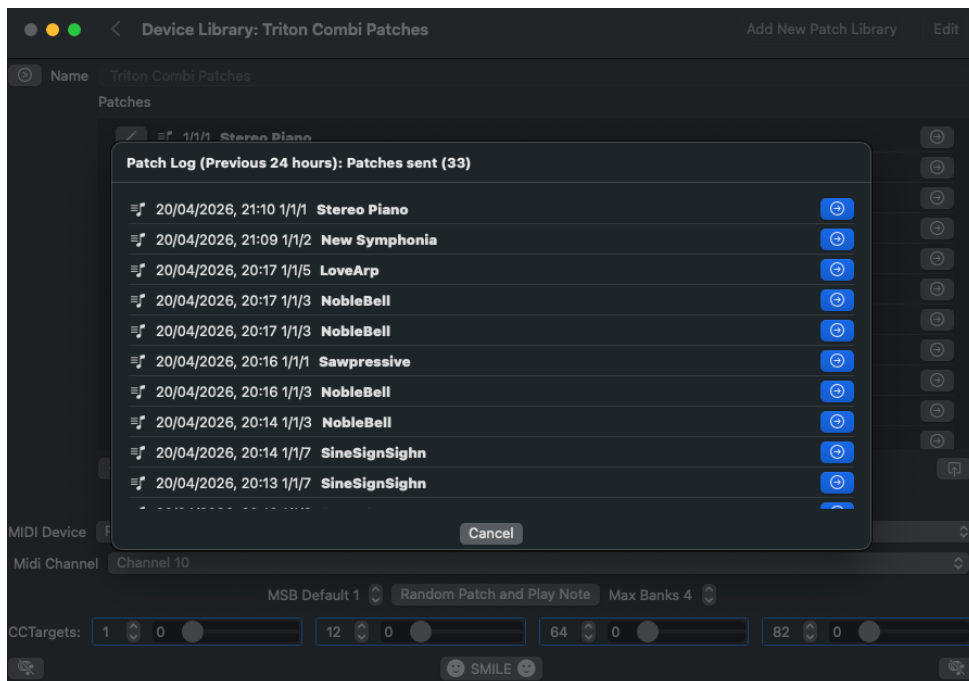


The system stores a log of the patch change requests you have made for the previous 24 hours. You can display this list by clicking on the <img alt="refresh icon" data-bbox="415 425 435 445"/> button (M) at the bottom of the patch list screen.



M

This shows you the list of patches you have used with the date and time you used them.



As in the patch window, they can be (re)sent to the current MIDI device via the <⌂> button.

<END>