



# HYDRASYNTH

## Manager Quick Start Guide 2.1.0

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## System Requirements

- MacOS 10.13+
- Windows 7+

## Installation

Please download the latest version of Hydrasynth Manager from <http://www.ashunsoundmachines.com/>.

Next, double-click the installer file and follow the prompts on each page. You will be given the option to add a shortcut to the desktop of your computer, if you like.

## Basic Concepts

The Hydrasynth Manager works with all Hydrasynth models. The processes and features are nearly identical for the entire Hydrasynth family, so in most cases the name “Hydrasynth” is used to represent all four products.

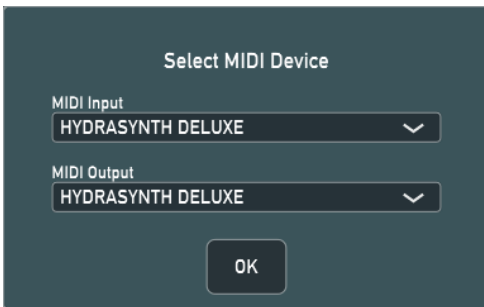
The Hydrasynth Manager has additional features that are specific to the Hydrasynth Deluxe, and they become active when the Deluxe is connected. Otherwise they are grayed out, like the Single/Multi selector switch.

## Connection Setup

Connect your Hydrasynth unit with a USB cable directly to a native USB port on your computer, then turn on the Hydrasynth. You could also connect the Hydrasynth through MIDI DIN with a MIDI interface, but make sure both input and output are connected. We strongly recommend using a direct USB connection for best performance.

Run the Hydrasynth Manager application. If the Hydrasynth is connected via a USB cable, it should be recognized automatically.

To set up the connection manually, or to switch between two connected Hydrasynths, press the “Connect” button to access the MIDI routing page.



Select the same model for the MIDI Input and Output ports, then click OK.

## File Structure

- A dedicated folder is created in the computer after installation. The browser in Manager reads all folders and patch bank files stored under this path: `...\Documents\ASM\Hydrasynth\Patch`
- Factory Banks are placed in `...\Documents\ASM\Hydrasynth\Patch\Packs`
- Default folder for user new banks `...\Documents\ASM\Hydrasynth\Patch\User`
- Banks of single patches are stored as `".hydra"`. Banks of multi patches are stored as `".hydramulti"`.
- Each bank contains up to 128 patches. This allows you to systematically store and recall patches.
- Backup files are stored in `...\Documents\ASM\Hydrasynth\Backup`
- Keyboard/Desktop/Explorer backup files are stored as `".hydrabackup"`. Deluxe Factory backup files are stored as `".hydradlxbackup"`.
- Multi part banks of Upper and Lower on the Hydrasynth Deluxe are shown as `"Bank M#-U"` and `"Bank M#-L"` respectively in **Single Mode**. These banks are read-only, so it isn't possible to copy patches into them. You can only copy the patches from these banks into one of the Single banks in the User folders. The same is true of the factory Multi banks.

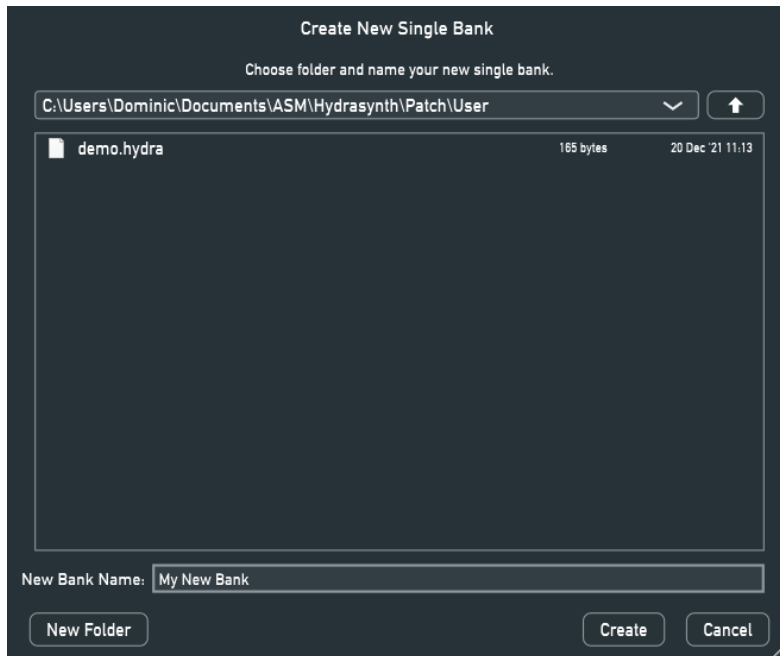


- Window Size** – resize the window accordingly to suit your monitor's resolution
- Create Single Bank** – create an empty single bank (.hydra)
- Create Multi Bank** – create an empty multi bank (.hydramulti)
- Import Bank** – browse for a patch bank to import
- Edit buttons**
  - Rename** – rename the selected patch
  - Cut** – cut the selected patch(es)
  - Copy** – copy the selected patch(es)
  - Paste** – paste the cut/copied patch or series of patches in the same order to the selected slot. **Be careful!** This procedure will replace the patch or patches in the target slot(s). If you've selected non-adjacent patches in the source bank, they will be pasted to adjacent locations in the target bank.
  - Delete** – delete the selected patch(es)
- Connect** – set up the MIDI routing
- Backup Unit** – backup all banks from the Hydrasynth
- Restore Unit** – restore all banks to the Hydrasynth from the backup file
- Single/Multi Mode Selector** – switch mode to manage Single or Multi banks
- Refresh** – refresh the browsers
- Version #** – the version numbers of the Hydrasynth Manager & the connected Hydrasynth
- Left & Right Browsers** – browse two locations simultaneously for flexible patch management
- Computer/Hydrasynth Selector** – select the source to browse
- Location Path** – drop-down menu to select the bank to browse in the corresponding browser
- Reveal** – shows the bank file in the Windows File Explorer or the macOS Finder

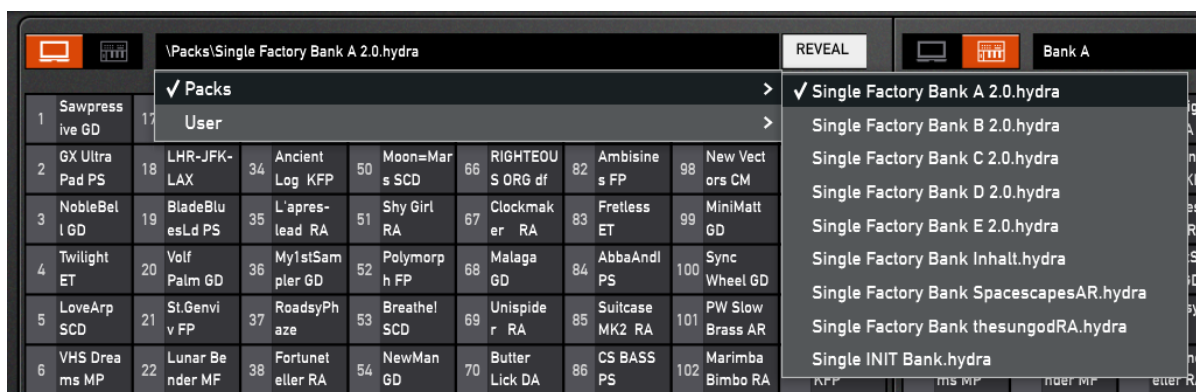
## Operations

- To create your own bank, click **Create Single Bank** or **Create Multi Bank**, enter the new bank name, and press **Create**.

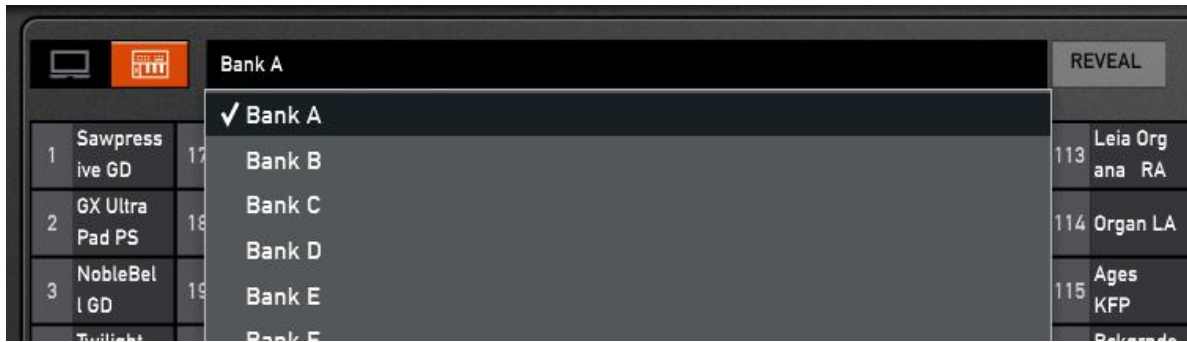
*\* Note that you need to manually select the newly created bank to browse by opening it through the location path drop-down menu.*



- Note: a newly created bank literally contains nothing. If you don't see a name in the browser window, the patch location is completely empty. Empty patches can't be dragged into a Hydrasynth, and they can't be renamed either. They have no parameters.
- To browse banks on the computer, select the computer with the **Computer/Hydrasynth Selector**, then press on the **Location Path** to choose the bank to open.



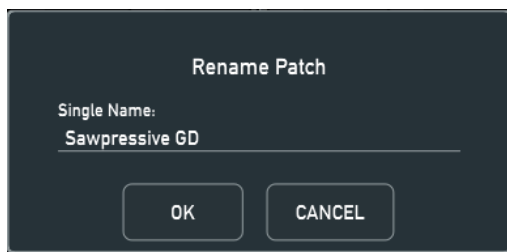
- To browse banks on the Hydrasynth, flip the **Computer/Hydrasynth Selector** to Hydrasynth.



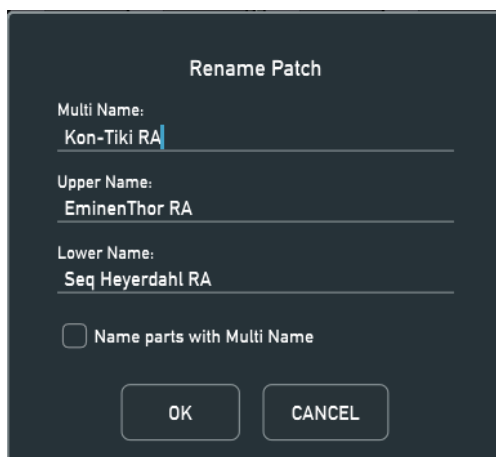
- To highlight a single patch, click on the patch name.



- To rename a Single patch, double click on the patch name or press **Rename** with the patch selected.



- To rename a Multi patch, double click on the patch name or press **Rename** with the patch selected. You can also rename the parts.



If you want the Upper/Lower patches to have the same name as the Multi, click the “Name parts with Multi Name” field. This helps find those patches in Single mode so you can play them with all 16 voices available.

- To highlight a group of patches, click on the first patch name, hold SHIFT, and click the last patch name in the group.



To select non-adjacent patches, hold Ctrl/Cmd and click the desired patches.

**Warning:** they will be pasted next to each other into the destination bank. This will overwrite any patches currently in those locations.

This can be useful when creating a “Best Of” bank: select your favorite patches from a bank, drag them into an empty bank, then open a different source bank and repeat, etc.

- To cut patch(es), select the patch(es) to cut, then press **Cut**.
- To copy patch(es), select the patch(es) to copy, then press **Copy**.
- To paste patch(es), click on the patch name of the slot you would like to paste on (or the first slot of the slots you would like to paste the group of patches to), then press **Paste**.  
**Warning:** they will be pasted next to each other into the destination bank. This will overwrite any patches currently in those locations.

Another cool thing: you can make multiple copies of the same patch by copying one, then selecting several locations (preferably empty or INIT), and then pressing Paste (or Ctrl/Cmd + V).

- To delete patch(es), select the patch(es) to delete, then press **Delete**. The slot(s) will turn empty. Note that only patches within a User bank on the computer can be deleted; patches in the Packs folders cannot. Also, patches inside the Hydrasynth cannot be deleted.

- To swap patch(es) in same browser, select the patch(es) to swap, then drag them to the first slot where you want the swap to happen. This is great for changing the patch order within a bank.

For example, to swap patches #1-4 with #5-8, select patches #1-4, then drag and drop at slot #5.

(If the number of destination slots are insufficient to allow the swap to happen, such as dropping a large selection at slot #127, then the swap is invalid; the swap result cannot exceed slot #128.)

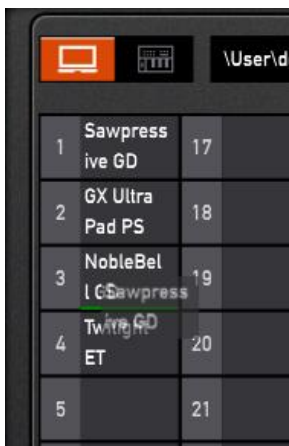
*\* Note that dragging patch(es) to the other browser window will not swap patches between the browsers; it will replace them instead.*



- To insert patch(es) in same browser, select the patch(es) to insert, then drag to the top edge of the slot where you want to insert the selected patches. Watch for the green line to appear, then release the cursor. This allows you to rearrange the order of patch(es): It pushes all patches prior to the insertion point backward to fill the space vacated by the patches that are being relocated.

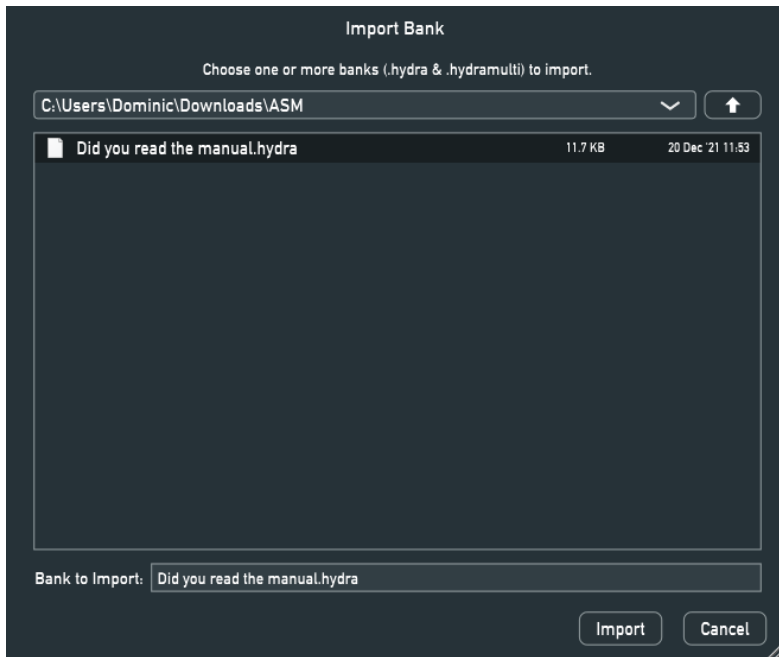
For example, to insert patches #1-10 so they appear in the order ahead of #21, select patches #1-10, then drag them to the top edge of slot #21. Again, watch for the green line to appear, then release the cursor.

*\* Note that insert only works in the same browser window.*



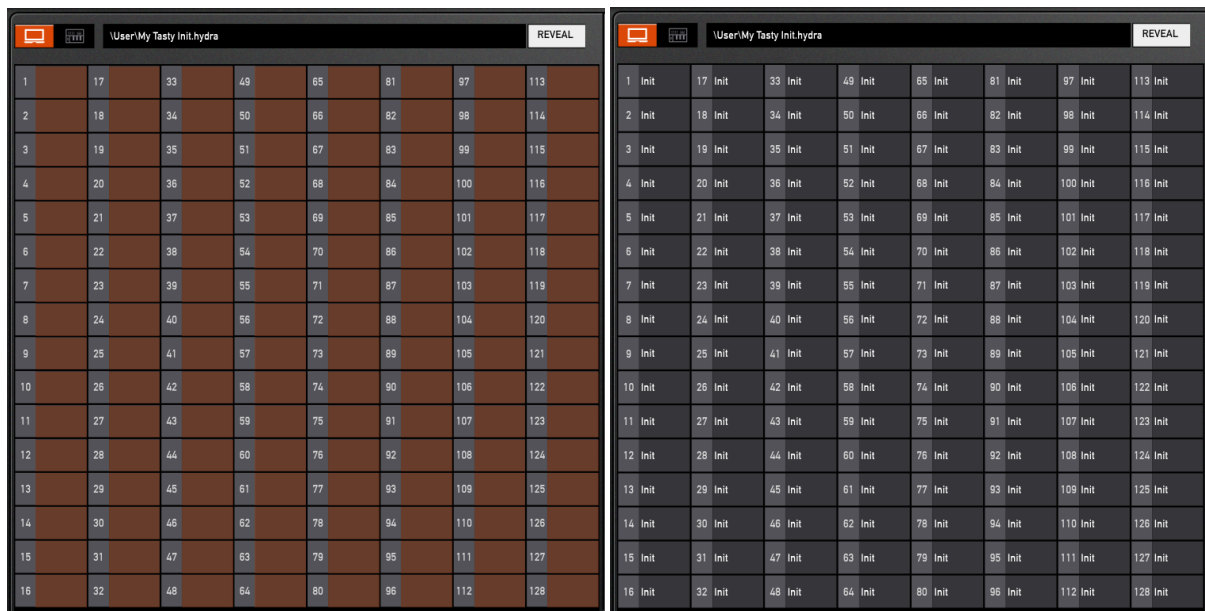


- To import a new bank into the **Packs** folder, press **Import**, browse to the location of the bank you would like to import, select the bank, and press **Import**.

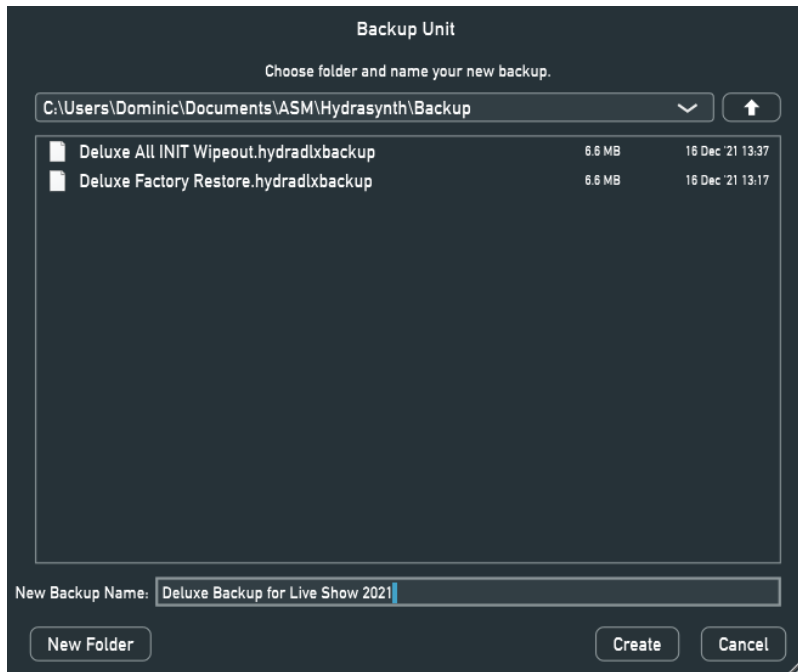


To create a custom version of an Init bank quickly, browse the bank with your Init patch, **Select** and **Copy** it, then **Select All** empty slots in the newly created bank and **Paste**. Boom: 128 blank slates.

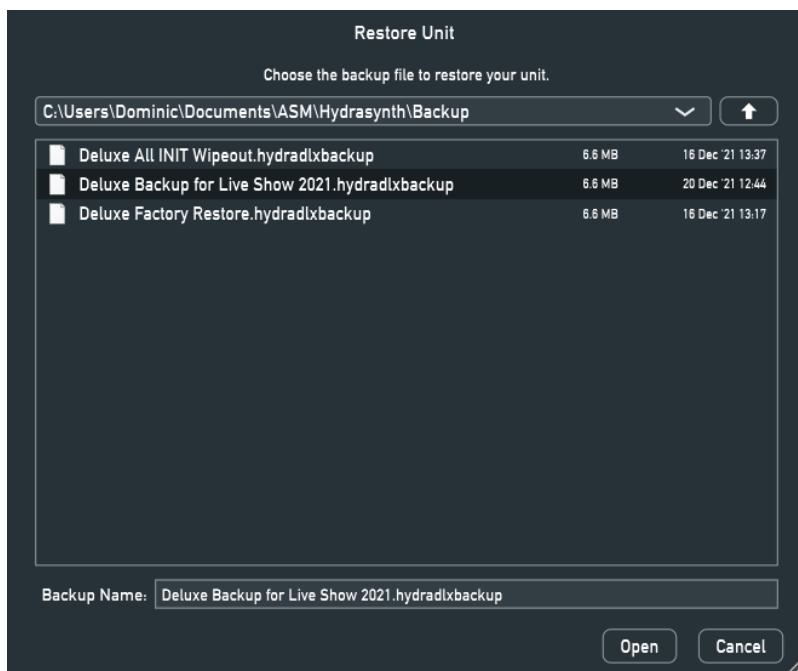
When you're creating new sounds, another potential scenario for the Paste feature is to use one patch as a starting point for multiple patches of a similar category. It's faster than saving the same patch repeatedly inside the unit.



- To backup the entire memory of a Hydrasynth, press **Backup Unit**, enter the backup name, and press **Create**.  
Note: This takes several minutes to do. The Hydrasynth Deluxe takes longer because it has more patches.



- To restore the entire memory of a Hydrasynth, press **Restore Unit**, select the backup file, and press **Open**.  
**Warning: This will replace ALL BANKS inside the Hydrasynth.**



Note: This takes several minutes to do. The Hydrasynth Deluxe takes longer because it has more patches.

## Keyboard Shortcuts

PC	Mac	Function
<b>Ctrl + A</b>	<b>Cmd + A</b>	Select all
<b>Ctrl + X</b>	<b>Cmd + X</b>	Cut
<b>Ctrl + C</b>	<b>Cmd + C</b>	Copy
<b>Ctrl + V</b>	<b>Cmd + V</b>	Paste
<b>Delete</b>	<b>Delete</b>	Delete
<b>Shift</b>	<b>Shift</b>	Hold Shift while clicking another patch selects all patches between the first clicked and last selection
<b>Control</b>	<b>Command</b>	Hold Ctrl + click / Cmd + click to select non-adjacent patches.