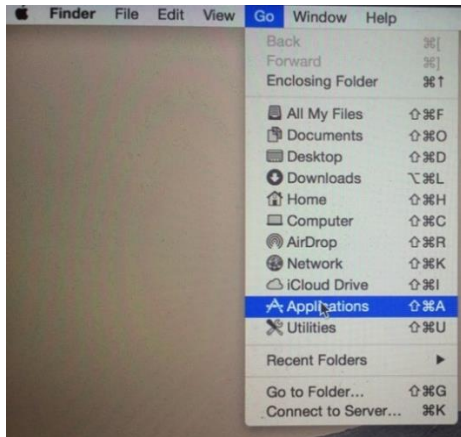Audio and MIDI are handled automatically by the Apple operating system, OSX. The code modules that handle audio are known collectively as CoreAudio, with CoreMIDI as a subset. Your window into CoreAudio is a utility program called Audio MIDI Setup.
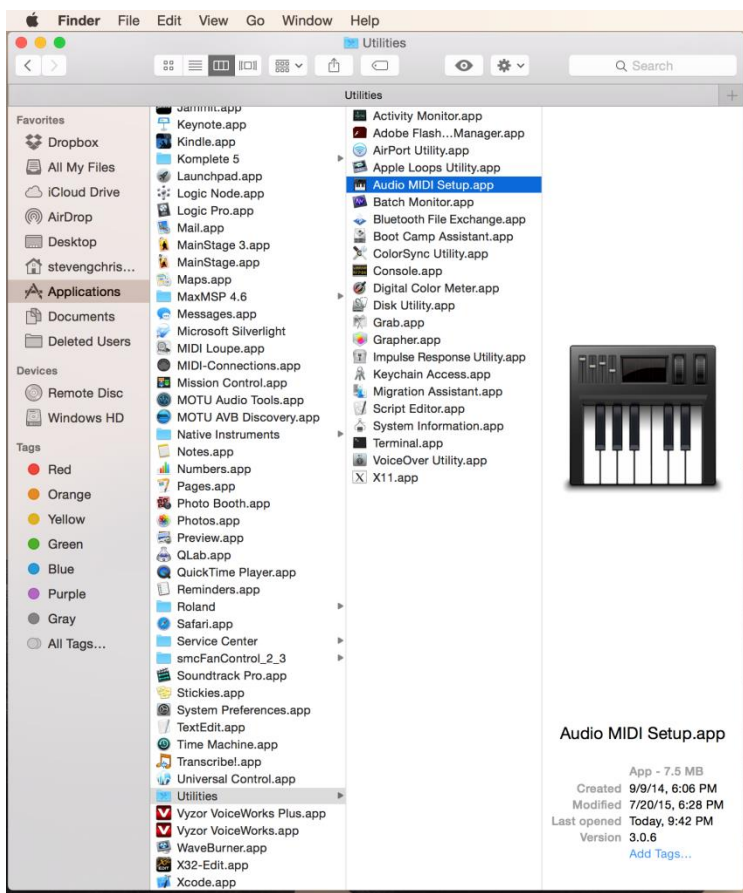
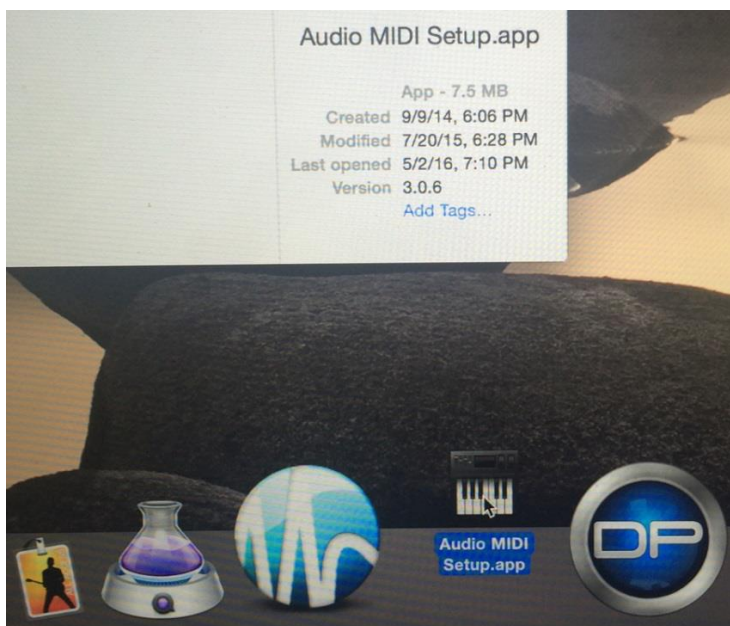Go to the Finder's "Go" menu and select the "Applications" choice:

Then scroll down until you can click on the "Utilities" choice, which expands the Utilities sub-directory on the right:

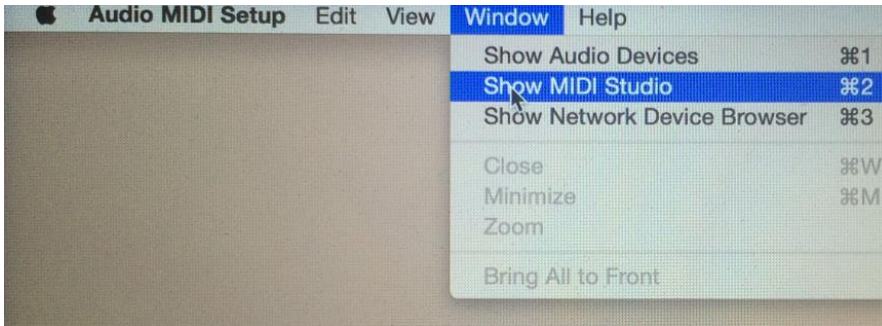The choice you want is "Audio MIDI Setup.app":

If you like, you can drag-and-drop its icon into your Dock, so you can access it more quickly next time you need it:
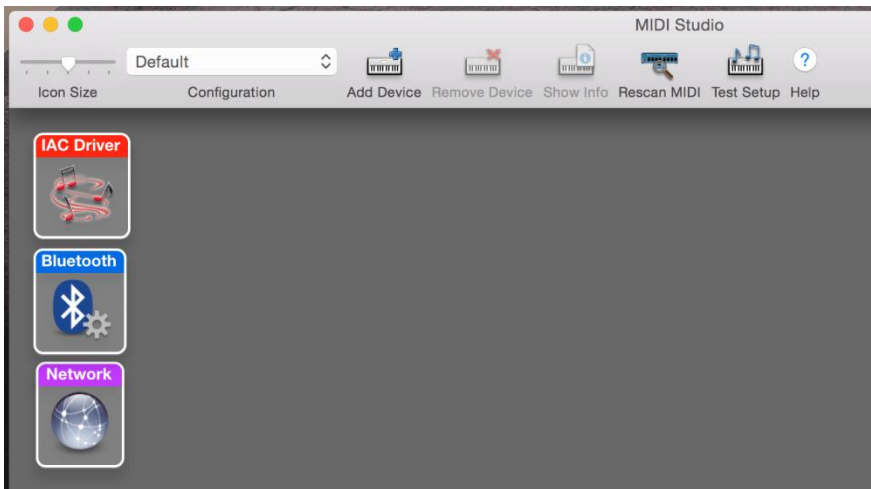
Now let's open the Audio MIDI Setup utility. Double-click its icon in the directory, or single-click its icon in the Dock.

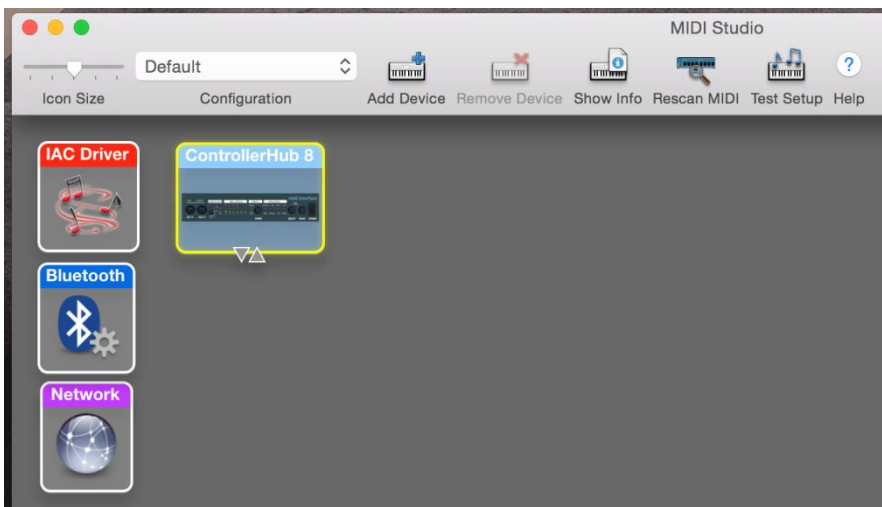In the Audio MIDI Setup's "Window" menu, select "Show MIDI Studio":
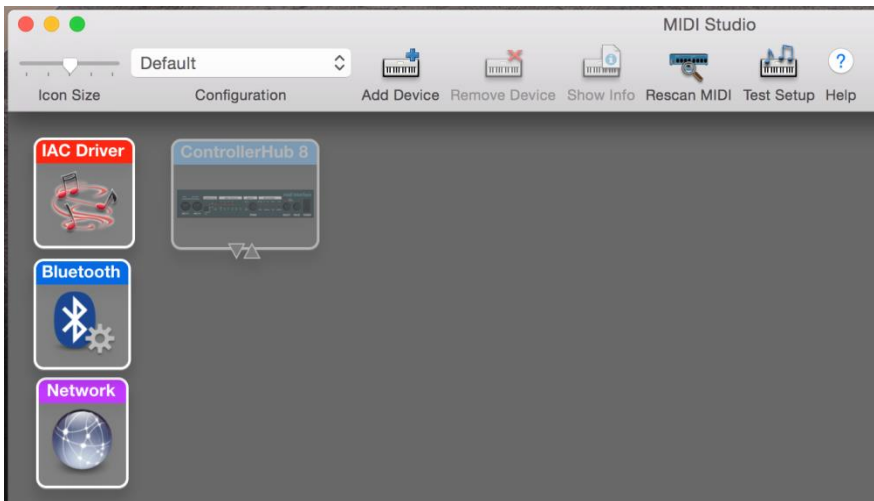

We see something like this:

The locations of your icons may be different, but you can move them wherever you like.

Now, plug in your ControllerHub 8 with a USB cable. The picture changes:

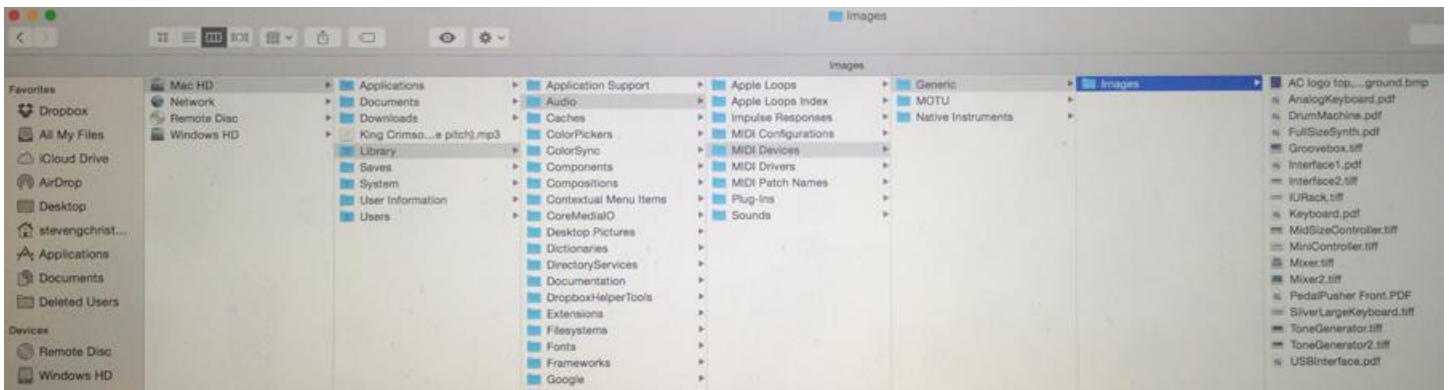We now have an icon for ControllerHub 8!

OK, now let's unplug the ControllerHub 8 and see what happens:

The ControllerHub 8's icon dims when it is unconnected, and brightens within a few seconds of being plugged back in. If you have other external MIDI devices plugged in, you'll see more icons. Any of these icons may be deleted, but only when they are dimmed. So if you wish to delete an icon, first unplug the device. Even if you delete an icon, the next time you plug the device back in, it will reappear.
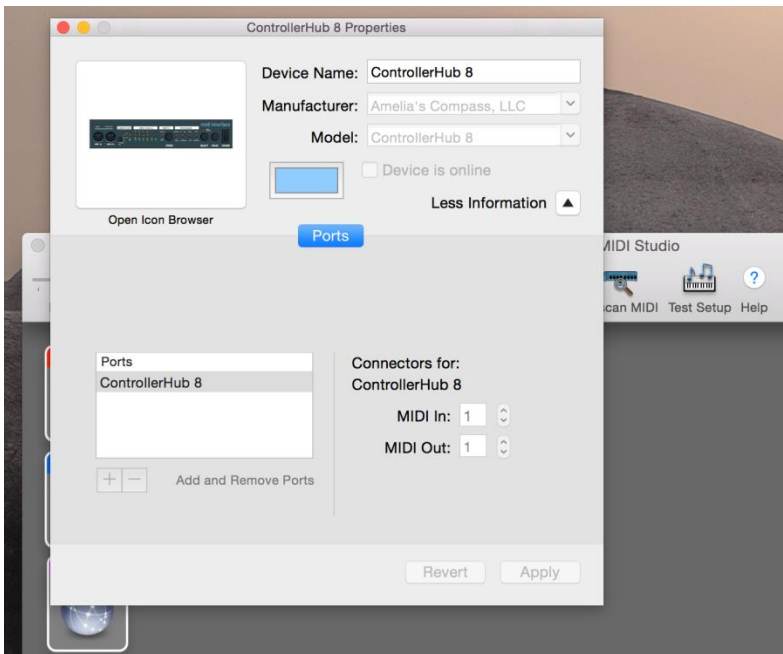
The graphic displayed in your ControllerHub 8 device icon is probably just the default graphic. If you like, you can change the name of ControllerHub 8 as well as the graphic displayed.

This is the path to the folder where Audio MIDI Setup stores its icons:
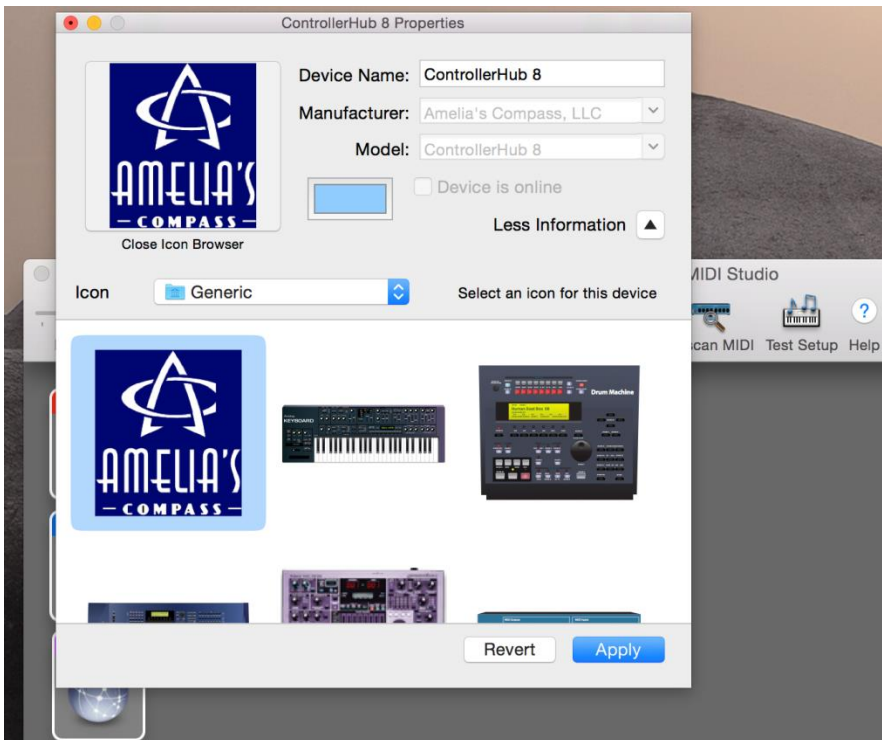

Library/Audio/MIDI Devices/Generic/Images/

You can download the Amelia's Compass icon from our downloads page and drop it in this folder. Then double-click the ControllerHub 8 icon in the MIDI Studio window of the Audio MIDI Setup utility, and the following window pops up:
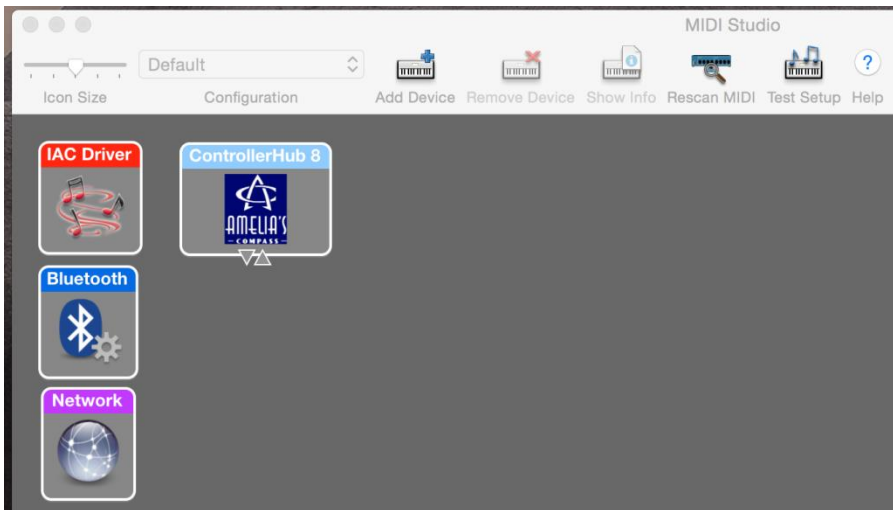
This is where you can change the name, the graphic, and whether or not there are connections attached to the icon. To change the name, simply write the name of your choice in the Device Name text box.

To change the graphic, just click on the existing icon and an icon browser opens:

Scroll to find the icon of your choice and select it. Then hit "Apply", close the Properties window, and you're done.

Now we have this:

This shows how we can use the Audio MIDI Setup utility to check connectivity of all our external MIDI devices. If you're ever having any issues communicating with external MIDI devices, use Audio MIDI Setup to double check the basic connectivity.

If your device's icon appears in Audio MIDI Setup's MIDI Studio window, it means that CoreMIDI now knows about your device. And once Core MIDI knows about ControllerHub 8, it passes its knowledge about ControllerHub 8 on to any software applications that use MIDI. ControllerHub 8 will now automatically appear as a menu choice in any application menus that allow you to select externally-connected MIDI devices as sources or destinations for the application's MIDI traffic.