

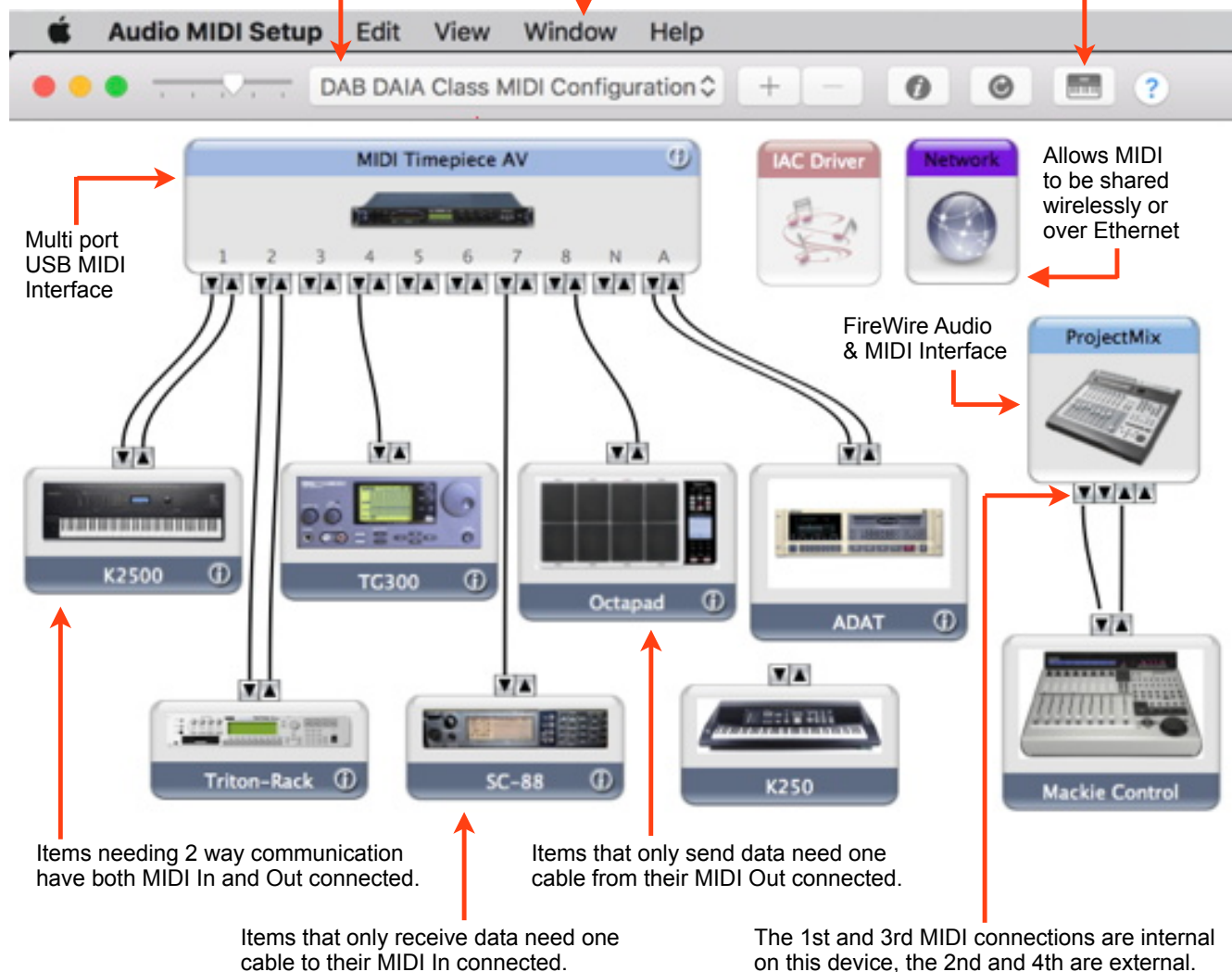


The **Audio MIDI Setup** Program is located on the System drive in the Applications/Utilities folder. You create a document like the one pictured below to match your physical MIDI setup. This information becomes a database that is shared by all of the MIDI software such as Pro Tools, Digital Performer, ClockWorks, QuickTime, Toast, Logic, MainStage, and GarageBand.

Multiple configurations can be created using this pop-up menu.

You can Show or Hide the MIDI Studio and Audio Devices windows with this menu.

The **Test Setup** button. Check MIDI In and MIDI Out connections when this button is on.



Device drivers may need to be installed to recognize some MIDI interfaces. When a MIDI interface is attached to the computer it is automatically added when the program scans your system. In the example above the MIDI Timepiece and ProjectMix were both created this way.

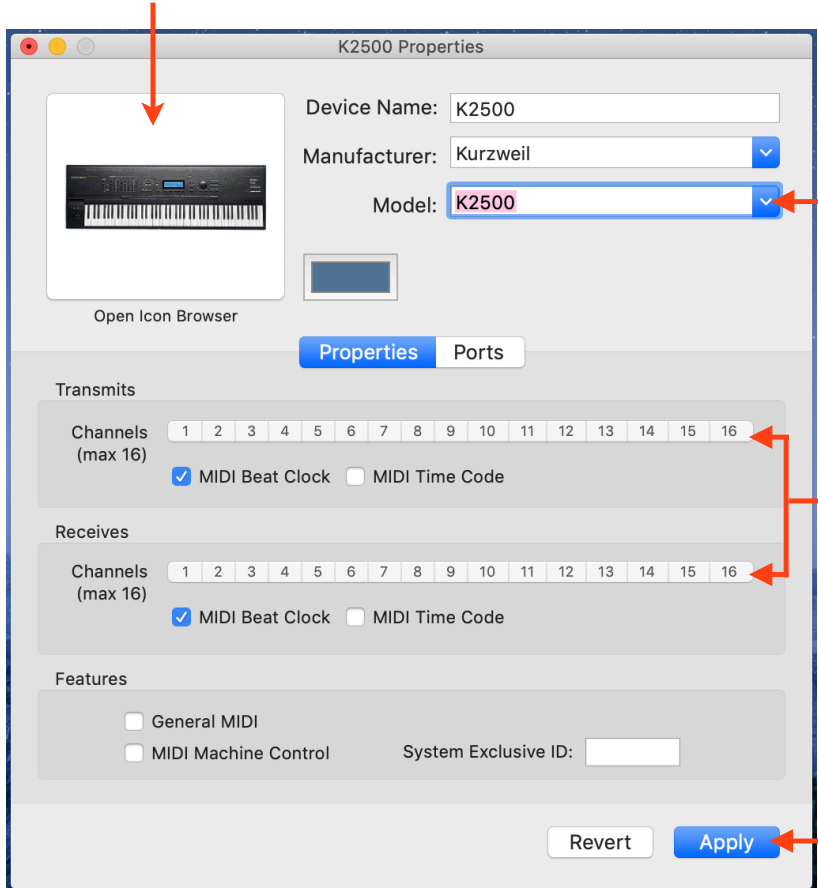
Triangles that point away from a device are MIDI Outs, ones that point towards a device are MIDI Ins. To create wires between devices click and drag between MIDI In and Out triangles. To remove a wire highlight it and press the delete key.

When the Test Setup button is **ON**, incoming MIDI data will highlight the MIDI In triangles on an interface and the computer will make a sound. When clicking a MIDI Out triangle on an interface the computer will send random MIDI notes down that wire on all MIDI channels. This way you can check to see if the right device is receiving MIDI data from the computer and check any audio connections. The Test Setup button must be **OFF** to move, add, or delete devices & wires.

The + and - buttons at the top of the MIDI Window are the same as Add Device and Remove Device buttons in earlier versions of the program. The *i* button is the Show Info button.

New Devices are created by clicking Add Device (the + button). Device properties can be seen by highlighting a MIDI device and clicking the Show Info button (the *i* button), or by double-clicking the MIDI device. The picture below shows a properties window for a MIDI device.

You can change the icon that represents any device by clicking the icon here in the device properties window. A list of available icons is displayed to choose from. Custom icons or pictures can be added.



Here you can pick from pop-up lists of Manufacturers and Models to match your devices, or type in the information manually. Thousands of devices are included in the Audio MIDI Setup database automatically.

The K2500 pictured here is set to transmit and receive on all 16 MIDI channels, as well as transmit and receive MIDI Beat Clock. The Ports tab allows you configure a device that has multiple MIDI In and Out ports.

There may also be additional information stored as part of the Audio MIDI Setup database that can include patch lists of factory sounds, memory cards or additions, and user created patches.

Once changes are made to this window click Apply for them to be saved for the device.

The MIDI Timepiece and as well as some other audio and MIDI interfaces may have control software that is on the System drive in the Applications folder. You can access these programs by double-clicking the MIDI Timepiece or interface icon in the Audio MIDI Setup window to adjust settings for these interfaces. Settings might include reset procedures, additional MIDI routing, muting selective MIDI data, saving presets, adjusting volumes, changing sample rate, and changing digital I/O formats.



The icon for some M-Audio FireWire audio and MIDI interfaces.

The icon for the MIDI Timepiece software called ClockWorks.



The Audio MIDI Setup, along with a MIDI Timepiece, allows you to create a **star network** capable of two-way communication between any of the devices in your system. Any and all devices with their MIDI Outs connected to an interface can send signals to the computer as well as to all devices whose MIDI Ins are connected to the MIDI Timepiece.

In addition to the MIDI Studio window in the Audio MIDI Setup, there is also an Audio Devices window which allows control over the audio routing and other sound controls used by the Mac for many programs like music players, video players, and browsers. This window has controls that expand on those available in the System Preferences sound control panel. Generally this window is not used by most Digital Audio Workstation (DAW) software like Digital Performer or Pro Tools, which have their own independent controls of audio input/output routing.