

Read Me


MIDI I/O

This Read Me documents important information for installing drivers and updating firmware, as well as how to use MIDI I/O Setup. This Read Me also documents known issues when using MIDI I/O on Mac OS X and Windows.

To use the MIDI I/O with Pro Tools or other compatible MIDI applications, you need to install the MIDI I/O Driver and ensure that the latest firmware is installed.

Installing the MIDI I/O Driver

Installing MIDI I/O Driver and Updating the Firmware on Mac

 *On Mac, do not connect the USB cable to the MIDI I/O until after you have installed the drivers for MIDI I/O. MIDI I/O will not initialize correctly if you connect the USB cable before installing the MIDI I/O driver.*

To install the MIDI I/O driver on Mac:

- 1 Locate Install MIDI IO Driver.pkg on the Pro Tools Drivers Disc or download it from the Avid website (www.avid.com).
- 2 Launch Install MIDI IO Driver.pkg.
- 3 Follow the on-screen instructions.
- 4 Click Close when the installation is complete.
- 5 When the installation is finished, restart your computer.
- 6 Connect the MIDI I/O to your computer with a USB cable.

Installing MIDI I/O Driver on Windows

To install the MIDI I/O driver on Windows:

- 1 Connect your MIDI I/O to any available USB port on your computer.
- 2 Locate the MIDI IO Driver Setup on the Pro Tools Drivers Disc or download it from the Avid website (www.avid.com).
- 3 Launch the MIDI IO Driver Setup.
- 4 Follow the on-screen instructions.
- 5 Click Finish when the installation is complete.

Updating MIDI I/O Firmware

Updating MIDI I/O Firmware on Mac

To update the MIDI I/O Firmware on Mac:

- 1 With the MIDI I/O connected to your Mac via USB, launch the MIDI I/O Firmware Updater application (in Applications/Digidesign/Pro Tools/MIDI IO) and follow the on-screen instructions to update the MIDI I/O Firmware.
- 2 Disconnect the USB cable when prompted.
- 3 Quit the MIDI I/O Firmware Updater.
- 4 Reconnect the USB cable.

Your MIDI I/O is now ready to use with Pro Tools 9.0 and other MIDI applications.

Updating MIDI I/O Firmware on Windows

To update the MIDI I/O firmware on Windows:

- 1 Choose Start > Control Panel.
- 2 Launch System.
- 3 Click the Hardware tab.
- 4 Click Device Manager.
- 5 In the Device Manager window, double-click Sound, video and game controllers, then double-click Digidesign MIDI I/O Interface.
- 6 Click the Settings tab. The message “Firmware update necessary” is displayed underneath the Update Device Firmware button if the update is needed.
- 7 Click the Update Device Firmware button, if needed.
- 8 When the firmware update has completed, power cycle the MIDI I/O by disconnecting and reconnecting the USB cable.

Your MIDI I/O is now ready to use with Pro Tools and other MIDI applications.



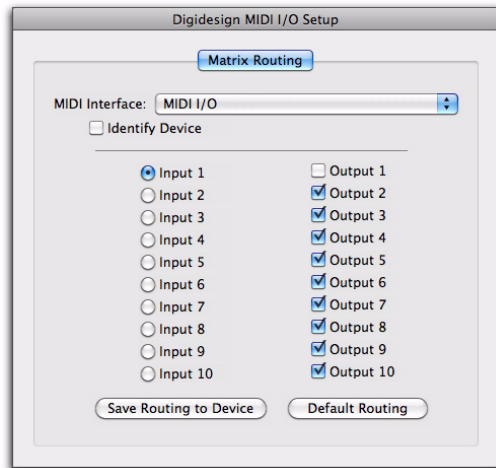
If you've updated your firmware, and you also plan to use your MIDI I/O with a Macintosh system as well as a Windows system, you will need to install the latest MIDI I/O driver for Macintosh OS X.

MIDI I/O Setup

The MIDI I/O Setup utility lets you configure the stand-alone routing for MIDI I/O. Using matrix routing, you can route the MIDI signal from a specified MIDI Input port to any of the MIDI Output ports on the MIDI I/O. Matrix routing is useful for configuring and testing your MIDI setup, configuring routing assignments for MIDI I/O in MIDI Thru mode (stand-alone), and for playing any combination of your MIDI devices without launching Pro Tools.

To configure matrix routing:

- 1 Locate and launch the MIDI I/O Setup utility (the MIDI I/O Setup is installed when you install the MIDI I/O driver).



MIDI I/O Setup utility

- 2 If you are using more than one MIDI I/O, select the correct MIDI I/O from the MIDI Interface pop-up menu.

A *No matter how many MIDI I/Os are connected to your computer, the MIDI Interface pop-up menu will always list Device 1–4.*

- 3 Select the MIDI Input (Ports 1–10) whose routing you want to configure. You can only configure the routing for a single input at a time.
- 4 Select the MIDI Outputs (Ports 1–10) to which you want the selected MIDI Input port routed.
- 5 Click the Save Routing to Device button if you want to save the routing assignments for the currently selected MIDI Input port to the MIDI I/O for use in MIDI Thru mode.
- 6 Quit the MIDI I/O Setup utility when finished.

The Matrix Routing settings will be recalled the next time you open the MIDI I/O Setup utility

MIDI Interface Pop-Up Menu

If you are using more than one MIDI I/O, use the MIDI Interface pop-up menu to select the specific MIDI I/O whose routing assignments you want to configure.

Identify Device

If you are using more than one MIDI I/O, enable the Identify Device option to light the LEDs on the MIDI I/O currently selected in the MIDI Interface pop-up menu.

Save Routing To Device

Click the Save Routing to Device button to save the routing assignments for the currently selected MIDI Input port to the MIDI I/O for use in MIDI Thru mode. Each MIDI Input port's routing assignments will need to be saved independently.

Default Routing

Click the Default Routing button to deselect all MIDI Outputs for the currently selected MIDI Input.

Known Issues (Windows)

Problems Sending MIDI to a MIDI I/O from Cubase SX or Nuendo (Item #52314)

Cubase SX and Nuendo need to be configured to send MIDI to a MIDI I/O. The supported method of sending MIDI to a MIDI I/O in Cubase or Nuendo is via Emulated ports, which can be enabled in the following steps (same steps apply for Nuendo):

- 1 Navigate to the Cubase Online Knowledge Base and search for “Emulated MIDI ports.”
- 2 Follow the instructions in the documentation to disable the MIDI port filter. (using the “ignoreportfilter” flag).
- 3 Launch Cubase.
- 4 Do one of the following:
 - In Cubase, set your MIDI inputs to the desired MIDI I/O [Emulated] port (it will be the second choice for MIDI ports in the list).
 - or –
 - In Cubase, set your MIDI outputs to the desired MIDI I/O MME/legacy port (it will be the third choice for MIDI ports in the list).