


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 9.0 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 9.0 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 9.0 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 9.0 and other MIDI applications.

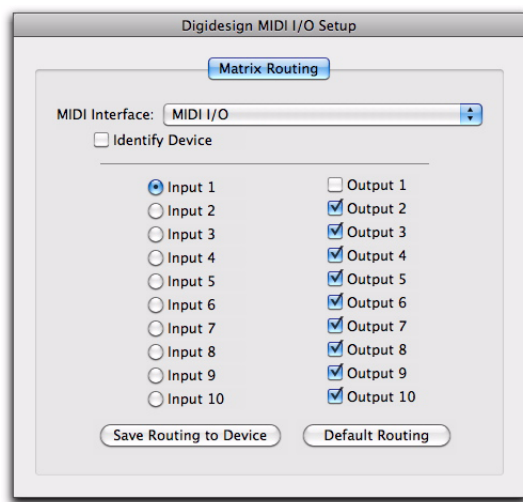
 *If you've updated your firmware, and you also plan to use your MIDI I/O with a Macintosh system as well as a Windows system, you will need to install the latest MIDI I/O driver for Macintosh OS X.*

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.

 *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 to the MIDI I/O 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).

