

YAMAHA

USB-MIDI Driver Installation Guide

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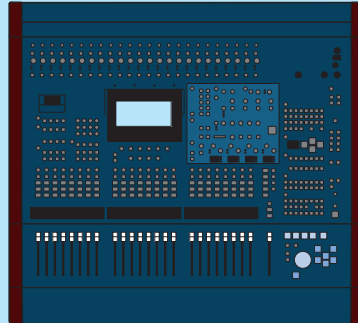
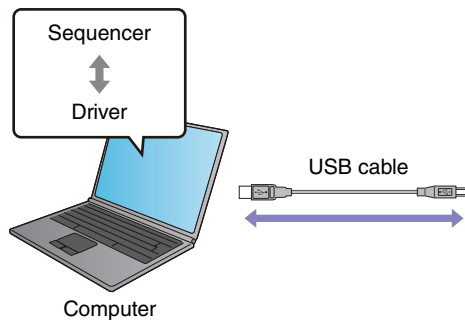
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http://www.global.yamaha.com/download/usb_midi/
For ProAudio products, please refer to the following website:
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USB-MIDI Driver

To operate your Yamaha hardware from your computer via USB, you'll need to install the USB-MIDI driver software. The USB-MIDI driver is software that transfers MIDI data back and forth between your music software and the instrument via a USB cable.



Yamaha hardware with a USB interface

Precautions when using the USB TO HOST connector

When connecting the computer to the USB TO HOST connector, make sure to observe the following points. Failing to do so risks freezing the computer and corrupting or even losing the data. If the computer or the instrument freezes, turn the power to the instrument off or restart the computer.

CAUTION

- Before connecting the computer to the USB TO HOST connector, exit from any power-saving mode (such as suspended, sleep, standby) of the computer.
- Before turning on the power to the instrument, connect the computer to the USB TO HOST connector.
- Execute the following before turning the power to the instrument on/off or plugging/unplugging the USB cable to/from the USB TO HOST connector.
 - Quit any open applications.
 - Make sure that data is not being transmitted from the instrument. (Data is transmitted only by playing notes on the keyboard or playing back a song.)
- While a USB device is connected to the instrument, you should wait for six seconds or more between these operations: (1) when turning the power of the instrument off then on again, or (2) when alternately connecting/disconnecting the USB cable.

Installing the Software

The actual installation steps and the use of the software itself differs depending on the operating system that you are using. Please refer to the appropriate installation instructions.

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USB-MIDI Driver Installation (for Windows)

This section shows you how to install the USB-MIDI driver for the first time. Even if you have already used the instruments via a standard driver in your operating system, the instructions on installation are the same as below. For instructions on updating the driver to the latest version, see [page 5](#).

NOTE You are only permitted to use this software pursuant to the terms and conditions of the "License Agreement" shown during the installation.

1 Disconnect all USB devices from the computer except for the mouse and computer keyboard.

2 Start the computer and log on to the Administrator account.

Exit from any open applications and close all open windows.

3 Turn off the power of the instrument.

4 Connect the USB connector of the computer to the USB TO HOST connector of the MIDI instrument with a standard USB cable.

If your instrument has a HOST SELECT switch, set the switch to "USB."

NOTE Do not use a USB hub for connecting multiple USB devices.

NOTE If you are using several MIDI instruments with USB connection at the same time, connect all the instruments to the computer and turn on the power for all of them, then perform the following installation procedure.

5 Turn on the power of the instrument(s).

6 When the "Found New Hardware Wizard" window appears, click [Cancel].

NOTE This screen will not appear on Windows 7. When the message "Device driver software was not successfully installed." appears, continue the installation procedure.

NOTE If you have already used the instruments via a standard driver in your operating system, this screen will not appear. Go on to the next step.

NOTE On some computers, it may take a few minutes before this screen appears.

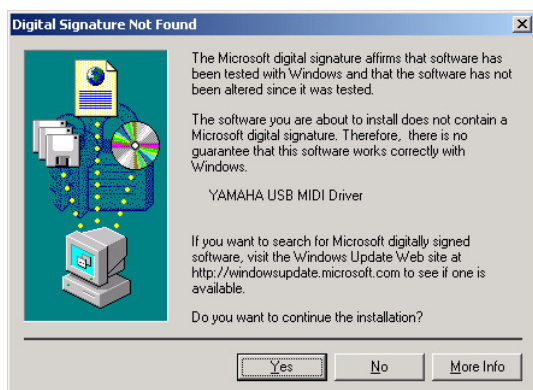
7 After the downloaded compressed file is properly extracted, double-click the file "setup.exe."

The "Preparing to install" window appears. The next window will appear after finishing this preparation.

NOTE (Windows Vista/7) If the "User Account Control" window appears, click [Continue] or [Yes].

8 When the “Welcome to the InstallShield Wizard for Yamaha USB-MIDI Driver” window appears, click [Next].

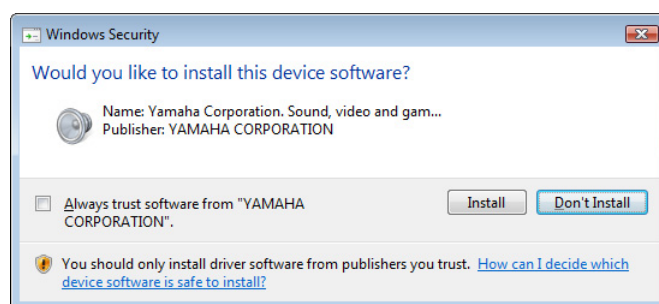
If the warning message below appears during the installation, click [Yes], [Continue Anyway], or [Install].



Windows 2000



Windows XP



Windows Vista/7

9 When installation has been completed, click [Finish].

If a window requiring you to restart your computer appears, follow the on-screen instructions and restart the computer.

USB-MIDI Driver Update (for Windows)

This section shows you how to update the USB-MIDI driver from the previous version. For instructions on installing the driver for the first time, see [page 3](#).

NOTE You are only permitted to use this software pursuant to the terms and conditions of the "License Agreement" shown during the installation.

- 1 Disconnect all USB devices from the computer except for the mouse and computer keyboard.**
- 2 Start the computer and log on to the Administrator account.**
Exit from any open applications and close all open windows.
- 3 Turn off the power of the instrument.**
- 4 Connect the USB connector of the computer to the USB TO HOST connector of the MIDI instrument with a standard USB cable.**
If your instrument has a HOST SELECT switch, set the switch to "USB."
NOTE Do not use a USB hub for connecting multiple USB devices.
NOTE If you are using several MIDI instruments with USB connection at the same time, connect all the instruments to the computer and turn on the power for all of them, then perform the following installation procedure.
- 5 Turn on the power of the instrument(s).**
- 6 After the downloaded compressed file is properly extracted, double-click the file "setup.exe."**
The "Preparing to install" window appears. The next window will appear after finishing this preparation.
NOTE (Windows Vista/7) If the "User Account Control" window appears, click [Continue] or [Yes].
- 7 When the "Welcome to the InstallShield Wizard for Yamaha USB-MIDI Driver" window appears, click [Next].**
The program removes the previous driver, and copies the latest files.
- 8 When installation has been completed, click [Finish].**
If a window requiring you to restart your computer appears, follow the on-screen instructions and restart the computer.

Confirmation after Update

- 1 Open the "Control Panel" and double-click the "Yamaha USB-MIDI Driver (WDM)" (or "Yamaha USB-MIDI Driver") icon.**
- 2 Confirm the version number in the lower left of the window.**

Uninstall the USB-MIDI Driver (for Windows)

NOTE When you want to use a standard driver in your operating system instead of the USB-MIDI Driver, follow the instructions here to delete the USB-MIDI Driver, then refer to the owner's manual of the instruments to set up the standard driver in your operating system.

Windows 2000/XP/XP x64

- 1 Disconnect all USB devices from the computer except for the mouse and computer keyboard.**
- 2 Start the computer and log on to the Administrator account.**
Exit from any open applications and close all open windows.
- 3 From the [Start] menu, select ([Settings] →) [Control Panel] → [Add or Remove Programs] to display the Add or Remove Programs panel.**
- 4 Click “Change or Remove Programs” located in the upper left, then select “Yamaha USB-MIDI Driver” from the list in the right panel.**
- 5 Click [Remove].**
A dialog box appears. Follow the instructions to remove the software.

Windows Vista/7

- 1 Disconnect all USB devices from the computer except for the mouse and computer keyboard.**
- 2 Start the computer and log on to the Administrator account.**
Exit from any open applications and close all open windows.
- 3 From the [Start] menu, select the [Control Panel] → [Programs and Features] or [Uninstall a program] to display the “Uninstall or change a program” window.**
- 4 Select “Yamaha USB-MIDI Driver” from the list.**
- 5 Click [Uninstall].**
If the “User Account Control” window appears, click [Allow] or [Continue].
A dialog box appears. Follow the instructions to remove the software.

USB-MIDI Driver Installation and Upgrade (for Mac)

Mac OS X

NOTE The displayed windows may differ depending on the particular OS version.

NOTE You are only permitted to use this software pursuant to the terms and conditions of the "License Agreement" shown during the installation.

- 1 Disconnect all USB devices from the computer except for the mouse and computer keyboard.**
- 2 Start your computer, then log in as Administrator.**
To confirm that the Administrator account is available, select [System Preferences], then [Account (Users)].
- 3 Extract the data from the downloaded compressed file.**
- 4 Double-click on "Yamaha USB-MIDI Driver.mpkg."**
- 5 The "Welcome to the USB-MIDI Driver Installer" window is displayed.**
Click [Continue].
Follow the on-screen instructions to install or upgrade the software.

NOTE Depending on your computer OS, the "Authenticate" window (or one similar to it) will be displayed, prompting you to enter a password. Enter the password for the Administrator's account.
If you have not set the password, click [OK] without entering the password.
- 6 When installation is completed, a window appears indicating that the software has been successfully installed or upgraded.**

You can check the following locations to confirm that the driver has been installed:

Folder	File
/ Library / Audio / MIDI Drivers /	YAMAHA-USBMIDIDriver.plugin
/ Library / PreferencePanes /	YAMAHA-USBMIDIPatch.prefPane

NOTE If the folders in the above table are not displayed in the Finder, select [Go to Folder...] under the [Go] menu of Finder, input the folder locations, and then click [Go].

Uninstalling and Re-installing

When you delete the following files from boot disk (normally Macintosh HD), the driver will be removed.
After removing the driver, restart the computer and re-install the driver.

Folder	File
/ Users / "User name" / Library / Preferences /	jp.co.yamaha.USBMIDIDriver.plist (This file is created after the driver is loaded.)
/ Library / Audio / MIDI Drivers /	YAMAHA-USBMIDIDriver.plugin
/ Library / PreferencePanes /	YAMAHA-USBMIDIPatch.prefPane
/ Library / Receipts /	YAMAHA-USBMIDIDriver.pkg
	YAMAHA-USBMIDIPatch.pkg

NOTE Deleting of the driver can only be done by the Administrator; other users are not authorized.

NOTE "User name" applies to the account name that you are using.

NOTE If the folders in the above table are not displayed in the Finder, select [Go to Folder...] under the [Go] menu of Finder, input the folder locations, and then click [Go].

Troubleshooting

The driver cannot be installed.

- **Is the downloaded driver compatible with your computer? (Windows)**

The 32-bit version of the USB-MIDI Driver is not compatible with a 64-bit OS. Likewise, the 64-bit version of the USB-MIDI Driver is not compatible with a 32-bit OS.

- **Is the USB cable connected correctly?**

Disconnect the USB cable, then connect it again.

- **Is the USB function enabled on your computer? (Windows)**

When you connect the instrument to the computer for the first time, if the “Add (Found) New Hardware Wizard” or the “Found New Hardware” window does not appear, the USB function on the computer may be disabled. Perform the following steps.

- 1 Select [Control Panel] → [System] → [Hardware] → [Device Manager]**

NOTE When using Windows Vista, select [Control Panel] → [Device Manager].

- 2 Make sure that no “!” or “x” marks appear at “Universal serial bus controller” or “USB Root Hub.”**

If you see an “!” or “x” mark, the USB controller is disabled. For details, refer to the owner’s manual for your computer.

- **More than ten of MIDI devices are registered in your computer. (Windows)**

Due to restrictions in Windows, you can register only up to ten MIDI devices. Also, keep in mind that even when you connect the same specific device to different ports (on different occasions), Windows may recognize that single device as several different devices depending on the port.

If over ten devices have been registered, you cannot install the USB-MIDI Driver, and an error message results.

In this case, try the following operation:

- 1 Remove the USB-MIDI Driver (page 6), then, install it again.**

- 2 When you installed any driver for MIDI device of other companies, remove a driver for a MIDI device that you do not use. For details, refer to the manual of the MIDI device.**