

# YAMAHA

## USB-MIDI Driver Installation Guide

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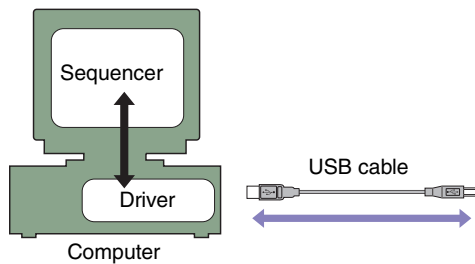
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# USB-MIDI Driver

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.

# Minimum System Requirements

## Windows

OS	Windows XP Professional (SP2/SP3)/XP Home Edition (SP2/SP3)/2000 (SP4)
Computer	166 MHz or higher; Intel Core/Pentium/Celeron processor
Available Memory	32 MB or more (64 MB or more is recommended)
Hard Disk	10 MB or more

OS	Windows XP Professional x64 Edition (SP2)
Computer	Intel 64 compatible processor
Available Memory	256 MB or more
Hard Disk	10 MB or more

OS	Windows Vista (SP0/SP1/SP2)
Computer	800 MHz or higher; Intel Core/Pentium/Celeron processor or Intel 64 compatible processor
Available Memory	512 MB or more
Hard Disk	10 MB or more

OS	Windows 7
Computer	1.4 GHz or higher; Intel Core/Pentium/Celeron processor or Intel 64 compatible processor
Available Memory	1 GB or more (32-bit)/2 GB or more (64-bit)
Hard Disk	10 MB or more

## Macintosh

OS	Mac OS X 10.4.11 – 10.6.x
Computer	Macintosh computer and a USB port with a Power Mac G3 or higher, or using Intel Processor
Available Memory	256 MB or more
Hard Disk	2 MB or more

**NOTE** Keep in mind that the software is often updated and the system requirements are subject to change. You can check the latest version information of each software and its system requirements at the following website.

[http://www.global.yamaha.com/download/usb\\_midi/](http://www.global.yamaha.com/download/usb_midi/)

For ProAudio products, please refer to the following website:

<http://www.yamahaproaudio.com/downloads/>

The system requirements may differ slightly depending on the particular computer.

# 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.

Procedures	Windows	Macintosh
When installing the USB-MIDI driver for the first time	<a href="#">page 5</a>	<a href="#">page 9</a>
When updating (upgrading) the USB-MIDI driver	<a href="#">page 7</a>	<a href="#">page 9</a>
When the driver cannot be installed	<a href="#">page 11</a>	

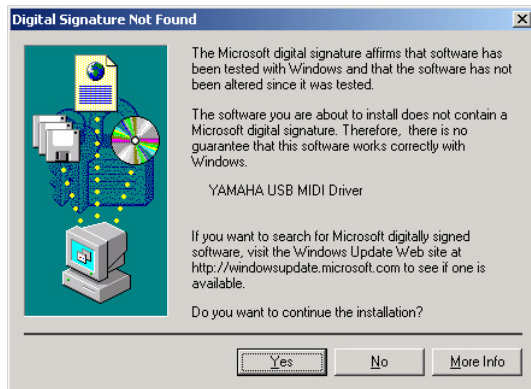
## USB-MIDI Driver Installation (for Windows)

This section shows you how to install the USB-MIDI driver for the first time. For instructions on updating the driver to the latest version, see [page 7](#).

- 1 Disconnect all USB devices from the computer except for the mouse and computer keyboard.**
- 2 Start the computer and use the “Administrator” account to log on Windows.**  
Close all applications and windows that are open.
- 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** 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].**

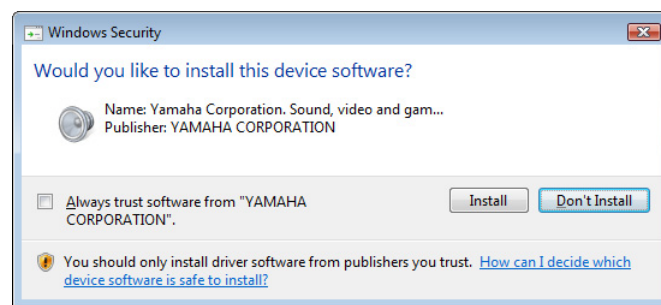
If the warning message below appears during the installation, click [Yes], [Continue Anyway], or [Install].



Windows 2000



Windows XP



Windows Vista/7

**9 When a message appears indicating that the driver has been successfully installed, click [Finish].**

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

**10 When a window appears prompting you to restart the computer, do so.**

Restart the computer by following the on-screen directions.

**NOTE** This display will not appear when using Windows XP x64/Vista/7. No restart is necessary.

# 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 5](#).

- 1 Disconnect all USB devices from the computer except for the mouse and computer keyboard.**
- 2 Start the computer and use the “Administrator” account to log on Windows.**  
Close all applications and windows that are open.
- 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 a message appears indicating that the driver has been successfully installed, click [Finish].**  
**NOTE** On some computers, it may take a few minutes before this screen appears.
- 9 When a window appears to prompt you to restart the computer, do so.**  
Restart the computer by following the on-screen directions.  
**NOTE** This display will not appear when using Windows XP x64/Vista/7. No restart is necessary.

## Confirmation after Update

- 1 Open the “Control Panel” and double-click the “Yamaha USB-MIDI Driver” icon.**  
**NOTE** When using Windows XP x64/Vista/7, double-click the “Yamaha USB-MIDI Driver (WDM)” icon.
- 2 Confirm the version number in the lower left of the window.**

# Uninstall the USB-MIDI Driver (Windows)

## Windows 2000/XP/XP x64

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

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- 1 Disconnect all USB devices (except for mouse and keyboard) from the computer.**
- 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 Macintosh)

## Mac OS X

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

- 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 v\*\*\*.mpkg.”**  
\*\*\* represents the version number.
- 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.

**NOTE** A message indicating that the installation requires 100MB of disk space may appear. However, the actual required free disk space is specified in the system requirements on [page 4](#).

- 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:

- Library → Audio → MIDI Drivers → YAMAHA-USBMIDIPlugin.plugin
- Library → PreferencePanels → YAMAHA-USBMIDIPatch.prefPane

## Uninstall and Re-install

When you delete the following files, the driver will be removed.

After removing the driver, restart the computer and re-install the driver.

- User → Your user folder → Library → Preferences → jp.co.yamaha.USBMIDIDriver.plist (This file is created after the driver is loaded.)
- Library → Audio → MIDI Driver → YAMAHAUSBMIDIDriver.plugin
- Library → PreferencePanels → YAMAHAUSBMIDIPatch.prefPane
- Library → Receipts → YAMAHA-USBMIDIDriver.pkg
- Library → Receipts → YAMAHA-USBMIDIPatch.pkg

**NOTE** Only Admin can delete the driver. Most users are not authorized to delete the driver.

# Troubleshooting

## The driver cannot be installed.

- **Is the downloaded driver compatible with your computer?**

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? (in 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.