



MOTIF-RACK XS Editor VST Installation Guide

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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.

MOTIF-RACK XS Editor VST

MOTIF-RACK XS Editor VST is a convenient tool which lets you edit and save the various parameters of your MOTIF-RACK XS tone generator. These include Common/Part Mixing parameters (edited in the Multi mode of the MOTIF-RACK XS) such as Volume, Pan, EG, and Cutoff, as well as parameters of a Voices assigned to each Part (edited in the Voice mode of the MOTIF-RACK XS). Thanks to the easy-to-understand graphical interface, you can edit various parameters of the MOTIF-RACK XS right from your computer—using the mouse to adjust the virtual knobs, sliders, and buttons and entering values from the computer keyboard. Finally, all the changes you have made can be saved to your computer or transmitted to the MOTIF-RACK XS instrument.

The MOTIF-RACK XS Editor VST, based on the “VST3 technology” by Steinberg, works as a VST3 plug-in with Cubase series 4.5 or later (DAW application). The MOTIF-RACK XS Editor VST also works as the same way as other VST instrument software, allowing you to save the edited settings of the MOTIF-RACK XS, or use them for another project. In addition, you can handle the MOTIF-RACK XS Voices in the Media Bay window in Cubase when using the MOTIF-RACK XS Editor VST with Cubase 4.5 or later, allowing you to search for, listen, and play the MOTIF-RACK XS Voices within Media Bay in Cubase. The MOTIF-RACK XS Editor VST provides a comprehensive and seamless music production environment – making the use of hardware and software both easier and much more efficient.

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.

- 1** Verify that your system (DAW application) meets the operating requirements of each software program.page 4
- 2** Install the appropriate driver to your computer.page 5
- 3** Install the MOTIF-RACK XS Editor VST.page 6
- 4** Start up the MOTIF-RACK XS Editor VST in the DAW application.page 6

For subsequent operations, refer to the PDF manual accessed from the [HELP] menu in the respective software program.

Minimum System Requirements

The system requirements below may differ slightly depending on the particular operating system.

Windows

OS	Windows Vista/Windows XP Home Edition/XP Professional
Computer	Intel Pentium 1.4 GHz or higher
Available Memory	512 MB or more
Hard Disk	200 MB or more
Display	1280 x 800, full color (32 bit)
DAW Application	Cubase 4.5.2 / Cubase Studio 4.5.2 / Cubase Essential 4.5.2 / Cubase AI 4.5.2 or later

Macintosh

OS	Mac OS X 10.4 or later
Computer	Power PC G4 1GHz or higher CPU / Intel CPU
Available Memory	512 MB or more
Hard Disk	200 MB or more
Display	1280 x 800, full color (32 bit)
DAW Application	Cubase 4.5.2 / Cubase Studio 4.5.2 / Cubase Essential 4.5.2 / Cubase AI 4.5.2 or later

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 program and its system requirements at the following website
<http://www.yamahasyth.com/>

The system requirements may differ slightly depending on the particular computer.
When using the MOTIF-RACK XS Editor VST, refer to the minimum requirements for the DAW application you are using as well as the minimum requirements for the MOTIF-RACK XS Editor VST given above.

Software Installation

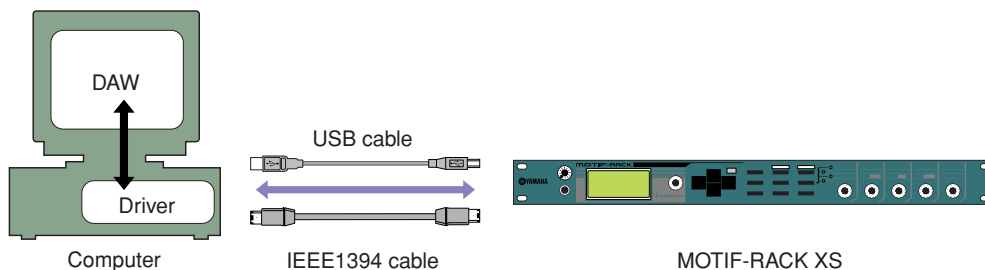
To use the MOTIF-RACK XS Editor VST as a VST3 plug-in of the DAW application, you'll need to install the following software programs. Follow the appropriate instructions below corresponding to the software you're using.

- **USB-MIDI Driver, AI Driver, mLAN Driver/mLAN Tools, or Yamaha Steinberg FW Driver**
- **Yamaha Extensions for Steinberg DAW**
- **MOTIF-RACK XS Editor VST**

Driver Installation

To operate your Yamaha hardware from your computer via a USB cable or an IEEE1394 cable, you'll need to install the USB-MIDI driver software, AI Driver, mLAN Driver/mLAN Tools, or Yamaha Steinberg FW Driver software. The USB-MIDI driver is necessary when using a USB connection to transfer MIDI data back and forth between your computer's DAW application and the MOTIF-RACK XS.

The AI Driver, mLAN Driver/mLAN Tools, or Yamaha Steinberg FW Driver is necessary when using an IEEE1394 connection to transfer Audio/MIDI data back and forth between your computer's DAW application and the MOTIF-RACK XS with optional mLAN16E2 installed.



Make sure to check the following website for installation and up-to-date news on the USB-MIDI driver.

http://www.global.yamaha.com/download/usb_midi/

Make sure to check the following website for installation and up-to-date news on the AI Driver, mLAN Driver/mLAN Tools, and Yamaha Steinberg FW Driver.

<http://www.global.yamaha.com/download/>

NOTE MOTIF-RACK XS Editor VST cannot be used over a MIDI connection.

NOTE Make sure to properly install an audio device when connecting the MOTIF-RACK XS instrument to the computer via USB cable. For more details, refer to the section "Audio Connection to the Computer" (page 6).

MOTIF-RACK XS Editor VST Installation

Follow the instructions below to install the MOTIF-RACK XS Editor VST programs.

[Windows]

- 1 After the downloaded compressed file is properly extracted, double-click the “setup.exe” file.
The MOTIF-RACK XS Editor VST setup dialog appears.
- 2 Follow the on-screen instructions to install the software.

[Macintosh]

- 1 After the downloaded compressed file is properly extracted, double-click the “install MOTIF-RACK XS Editor VST.pkg” file.
The MOTIF-RACK XS Editor VST setup dialog appears.
- 2 Follow the on-screen instructions to install the software.

When the MOTIF-RACK XS Editor VST and the other necessary software is installed, you can start the MOTIF-RACK XS Editor VST. You'll need to start the MOTIF-RACK XS Editor VST from the VST Instrument window of DAW application. For details about starting and setting up the DAW application, refer to the manual of the DAW application.

Windows Software Uninstall (removing the installed application)

To remove the installed editors from Windows:

Select [START] → [Control Panel] → [Add or Remove Programs] → “Change or Remove Programs”, then select [Yamaha MOTIF-RACK XS Editor VST] to be removed and click [Change/Remove].

Follow the on-screen instructions to uninstall the application.

NOTE The button names or menus may differ depending on the computer OS.

Audio Connection to the Computer

An audio connection between the MOTIF-RACK XS instrument and the computer is needed to use the MOTIF-RACK XS Editor VST correctly. With such a connection, the MOTIF-RACK XS Editor VST provides full functionality, including the freeze function, mixing within the Audio Mixer of Cubase, and other convenient features common to other VST instrument software.

When using the AI Diver, mLAN Driver/mLAN Tools, or Yamaha Steinberg FW Driver, an audio connection is completed automatically. The VSTi Setup on the MOTIF-RACK XS Editor VST is also done after installing Yamaha Extensions for Steinberg DAW.

When using the USB-MIDI Driver, you need an audio interface to connect to the MOTIF-RACK XS. After installation of the audio device, select the audio ports in the VSTi Setup window within the MOTIF-RACK XS Editor VST.

NOTE When using the MIDI connection via USB-MIDI Driver, you need to select the audio ports in the VSTi Setup window. If no audio port is selected, or no audio device is installed to the computer, an error message appears. Make sure to set the audio ports in the VSTi Setup window.

Troubleshooting

When starting the MOTIF-RACK XS Editor VST after the installation and controlling the MOTIF-RACK XS from your computer via a USB or IEEE1394 cable, the MOTIF-RACK XS does not operate correctly.

- Did you install the latest Driver?..... [page 5](#)
- Is the USB or IEEE1394 cable used to connect the MOTIF-RACK XS to your computer connected correctly?
..... [MOTIF-RACK XS Owner's Manual](#)
- If your computer has automatically activated any power-saving mode (such as suspended, sleep, standby) when you make a USB or IEEE1394 connection, the computer may “freeze,” or the driver may stop working. When using a USB or IEEE1394 cable, disable any power-saving mode on the computer.
- Confirm whether or not a proper USB or IEEE1394 cable is used.
If the USB or IEEE1394 cable is broken or damaged, have the USB or IEEE1394 cable replaced with a known working one.
- Do not use a USB or IEEE1394 hub for connecting multiple USB or IEEE1394 devices.

Screen redrawing is slow or stopped.

- Does your computer satisfy the system requirements? [page 4](#)
- Is any other application or device driver running?
Quit the device driver or any unnecessary applications before operating the MOTIF-RACK XS Editor VST.