



Sonic Foundry Virtual MIDI Router for Windows NT

Release Notes

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1.0 Welcome

This document contains information about installing and configuring the Sonic Foundry Virtual MIDI Router (VMR) for Windows NT on your computer. If you are running Windows 3.x or Windows 95, please refer to the printed manual for installation instructions for the VMR.

Notice: The Sonic Foundry VMR is provided as a free extra to legal owners of Sound Forge. You may *not* distribute this driver in any form. The same penalties for illegal distribution of Sound Forge apply to the VMR. Please allow us to not resort to heavy duty copy protection--it's in your best interest.

2.0 System Requirements

All drivers contained in the Sonic Foundry Virtual MIDI Router require Windows NT 3.51 or Windows NT 4.0 running on Intel (x86) or DEC Alpha (AXP) processors. MIPS and PowerPC platforms are currently not supported.

3.0 Installation and Configuration

This section details installation and configuration of the Virtual MIDI Router driver.

Features

Once installed, the Virtual MIDI Router driver will provide the following functionality:

- Provides up to four (4) independent Virtual MIDI output to input routing devices.

Windows 3.1 (16-Bit) Application Compatibility

The driver will work with *most* Windows 3.1 (16-bit) MIDI applications running on Windows NT, though there are no guarantees. Many Windows 3.1 sequencer applications are problematic at best when running on Windows NT. This is not a fault of the Virtual MIDI Router driver, rather it is incompatibilities between the application and Windows NT.

Installation

WARNING: *This driver operates at the Kernel level of Windows NT. Though unlikely, it could render your system unusable.* Please take the following precautions to ensure you can always recover from installation errors:

1. Run C:\WINNT\SYSTEM32\RDISK.EXE. This will create a recovery disk of your current working system.
2. Back-up all important files.
3. Make sure you have a working set of Windows NT install disks. (See the Windows NT documentation for creating boot disks.)

The following steps should be followed to install the VMR driver on your computer:

1. *Windows NT 3.51:* Run the Control Panel and open the Drivers applet
Windows NT 4.0: Run the Control Panel and open the Multimedia applet
2. *Windows NT 3.51:* Click the Add button and select "Unlisted or Updated Driver"
Windows NT 4.0: Select the Devices page and click the Add button. Select "Unlisted or Updated Driver"
3. Insert the CD-ROM and select the EXTRAS\VMR\x86 (or Alpha) folder from the Browse dialog.
4. Select the Sonic Foundry Virtual MIDI Router from the list.
5. If Windows NT asks whether you want to use a Current or New version of any file, ***always respond New.*** Failure to do this can cause improper driver installation.
6. You will now be presented with the Configure Sonic Foundry VMR Dialog containing the configuration option for selecting the number of Virtual MIDI Routing ports. You specify upto four (4) routing ports.
7. Once you have selected the number of desired ports, click the OK button. The driver will attempt to load and initialize according to the information provided. If it fails for any reason, a message box will appear detailing the problem.
8. If the driver installs correctly, you will be prompted to restart Windows NT. *For proper installation, you must restart Windows NT.*

After you restart Windows NT, the driver is installed and should be functional. Windows NT will issue errors if the driver failed to install for any reason. If this happens run the Event Viewer tool in the Administrative Tools to help trouble shoot the problem.

Changing the number of ports

If you decide that you need more or less Virtual MIDI Ports, please proceed as follows:

1. Close all running applications.
2. *Windows NT 3.51:* Run the Control Panel and open the Drivers applet
Windows NT 4.0: Run the Control Panel and open the Multimedia applet
3. *Windows NT 3.51:* Locate and select the Sonic Foundry Virtual MIDI Router in the provided list of installed drivers. Click the Setup button.
Windows NT 4.0: Select the Devices page. Expand the MIDI Devices and Instrument entry and select the MIDI for Sonic Foundry Virtual MIDI Router and click the Properties button. You will be presented the Sonic Foundry Virtual MIDI Router Property page. Select the General tab and click the Settings... button.
4. You will now be presented with the Configure Sonic Foundry VMR Dialog containing the configuration option for selecting the Virtual MIDI Routing Ports. Specify the number of Virtual MIDI Routing Ports (1 - 4) that you want and click the OK button.
5. The driver will reininstallize itself and prompt you to restart Windows NT. *For proper functionality, you must restart Windows NT.*

4.0 Sonic Foundry, Inc.

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