YAMAHA

TOOLS for n Version2 Update Guide

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What is TOOLS for n Version2?

TOOLS for n Version2 consists of two software components: Yamaha Steinberg FW Driver and n Extension. Yamaha Steinberg FW Driver enables audio/MIDI signals to be transferred between a computer and the n8/n12 via IEEE1394 cables. Using n Extension, you can link the n8/n12 with Cubase versions that support the Link functions between both of them. The TOOLS for n Version2 Installer installs these two software components.

Main Changes from TOOLS for n

- The driver included in this software has been changed from AI Driver to Yamaha Steinberg FW Driver.
- The structure of the installer for Extensions has been changed. This new version installs only Extension for n while the previous version (Yamaha Extensions for Steinberg DAW) installed Extension for the multiple different models such as n and MOTIF XS together. (For Windows, make sure to uninstall Extensions installed via the previous version before installing TOOLS for n Version2.)

Features of Yamaha Steinberg FW Driver

- Unlike the previous version, you need not to perform the on/off setting for the driver (Windows) or Connection Manager (for Mac), resulting in smoother and quicker use.
- You can change the sample rate directly from DAW software such as Cubase.
- Basically, up to three devices compatible with the Yamaha Steinberg FW Driver can be connected in daisy-chain fashion to a computer. However, please note, that only up to two devices can be connected if their Sampling Rates are set to 88.2kHz/96kHz or if you use the MOTIF XS/XF series and MOTIF-RACK XS.

TOOLS for n Version2 requires the following software components.

n8/n12 firmware	V1.03 or later
IEEE1394 firmware	V1.07 or later
Sweet Spot Data Manager	V2.0.0 or later

For details on Cubase versions that support the Link functions, refer to the release notes.

This Update Guide covers also the information about the instructions on updating these software components.

Important

After updating the n8/n12 firmware, the n8/n12 will not be able to be used with the n Driver, AI Driver or mLAN Driver/mLAN Tools. Also keep in mind that the previous firmware version of the n8/n12 cannot be restored.

When installing TOOLS for n Version2 for the first time, download the following software components and relevant manuals from Yamaha website before starting the update procedure.

n8/n12 firmware Updater	V1.03 or later
IEEE1394 firmware Updater	V1.07 or later
Sweet Spot Data Manager	V2.0.0 or later
TOOLS for n Version2/Cubase AI Installation Guide	
n8/n12 Owner's Manual (Supporting TOOLS for n Version2)	
http://download.yamaha.com/	

NOTE

- If the included CD-ROM is "TOOLS for n Version2," you do not need to update the n8/n12 Firmware and the IEEE1394 Firmware. (The n8/n12 will already have been updated to the required version of the firmware when you install TOOLS for n Version2.)
- The install and uninstall procedures for Windows 7/Windows 8 are the same as Windows Vista.
- Follow the steps below to access the Control Panel on Windows 8.
  1) In the Start screen, click [Desktop].
     The desktop will appear.
  2) Move the cursor to the upper right or lower right corner of the desktop.
     The Charms bar will appear.
  3) Select [Settings] → [Control Panel].

Software Installation

When you are using the TOOLS for n Version2

Follow the instructions below.

NOTE

- If the old version of the TOOLS for n Version2 has been installed on your computer, the software should be updated with the same procedure.
- If you don't have the TOOLS for n Version2/Cubase AI Installation Guide, you can download the corresponding PDF file from the Yamaha website.

Windows

The installation procedure of TOOLS for n Version2 is same as that described in the Installation Guide of "TOOLS for n Version2/Cubase AI". For installation instructions, refer to the TOOLS for n Version2/Cubase AI Installation Guide. When performing installation, make sure to double-click "setup.exe" in the compressed file you obtained by downloading instead of the file having the same name in the CD-ROM.

Mac

[1] Install TOOLS for n Version2
[2] Turn on the power to the n8/n12
[3] Confirm whether or not installation is completed successfully

[1] Install TOOLS for n Version2

1 Make sure that the power to the n8/n12 is turned off.

2 Using an IEEE1394 (FireWire) cable, connect the n8/n12 directly to the computer (without using a hub), and disconnect all other IEEE1394 devices from the computer.

3 Start the computer and log in to the Administrator account.
Exit any open applications and close all open windows.

4 After the downloaded compressed file is properly extracted, double-click the file "TOOLS for n V***.pkg."
*** represents the version number.

5 Follow the on-screen instructions to install the software.

6 When installation has been completed, click [Restart] to restart the computer.

[2] Turn on the power to the n8/n12

[3] Confirm whether or not installation is completed successfully

1 Open the "Audio MIDI Setup" window as follows.
[Macintosh HD] → [Applications] → [Utilities] → [Audio MIDI Setup]

2 Confirm that the device name is listed in the following.

Mac OS X 10.5:
In "Properties For:"

Mac OS X 10.6/10.7/10.8:
In the left column

When installing TOOLS for n Version2 for the first time

Follow the instructions below.

Windows

[1] Uninstall n Driver, AI Driver or mLAN Driver/mLAN Tools and Extensions for Steinberg DAW (32-bit version only)

[2] Install TOOLS for n Version2

[3] Connect the n8/n12 to the computer, then turn on the power to the device

[4] Update IEEE1394 firmware

[5] Update n8/n12 firmware

[6] Make the initial setup for the n series Driver and WDM Audio/MIDI Driver. (Windows XP only)

[7] Confirm whether or not installation is completed successfully

[8] Update Sweet Spot Data Manager

[1]   Uninstall n Driver, AI Driver or mLAN Driver/mLAN Tools and Extensions for Steinberg DAW (32-bit version only)

If these software are installed to your computer, follow the instructions below to uninstall them. If they are necessary for data communication with the devices other than the n8/n12, you can maintain the mLAN Driver/mLAN Tools in your computer.
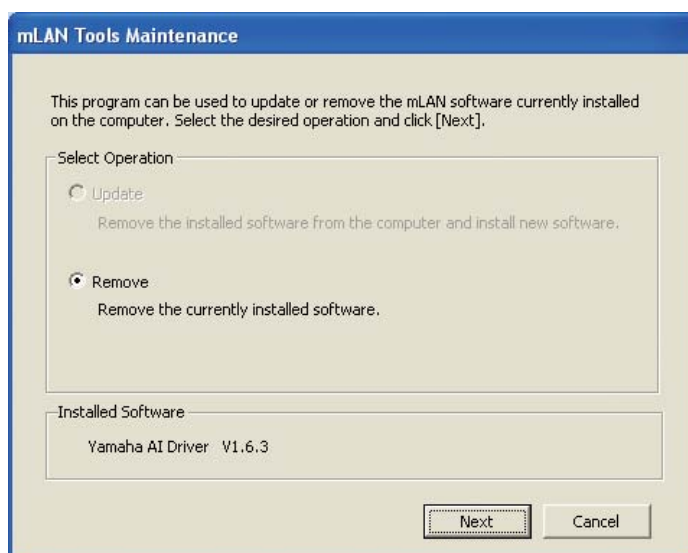
NOTE

Please note the following points if you maintain the mLAN Driver/mLAN Tools in the computer

• If you are using mLAN Driver/mLAN Tools V1.6.2, update them to V1.6.3 (or higher) before installing TOOLS for n Version2. This is necessary because the Yamaha Steinberg FW Driver cannot work properly with the mLAN Driver/mLAN Tools V1.6.2 installed.

• When using Yamaha Steinberg FW Driver, make sure to disable the mLAN Driver. If this is enabled (on), Yamaha Steinberg FW Driver cannot work because the mLAN Driver uses the IEEE1394 interface. When using the mLAN Driver, make sure to turn off any devices compatible with Yamaha Steinberg FW Driver or disconnect them from the computer before enabling the mLAN driver. Note that you may not need to disable the mLAN driver when the computer is equipped with multiple IEEE1394 interfaces and a device compatible with Yamaha Steinberg FW driver is connected to the different IEEE1394 interface from the other used by the mLAN driver.

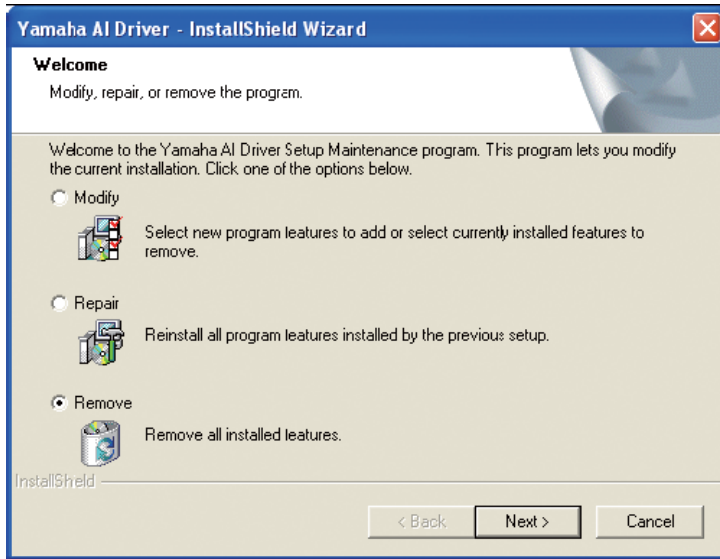### Uninstalling n Driver, AI Driver or mLAN Driver/mLAN Tools

1   Extract the file you downloaded, open the "Uninstall_mLAN" folder, then double-click the "setup.exe" file. The maintenance window appears.
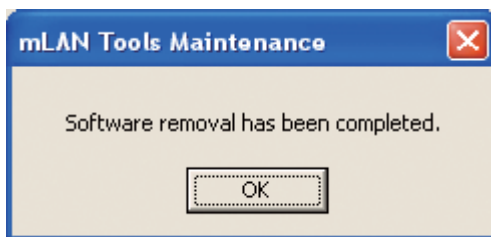

NOTE

• If you are using Windows Vista, the "User Account Control" window may appear. Click [Continue]. The maintenance window will appear.

• The "Cannot find the installer" window appears if the n Driver, AI Driver or mLAN Driver/mLAN Tools are not installed to the computer.

2 Make sure that the radio button to the left of "Remove" is selected, then click [Next].

3 A message "Remove (A name of software installed)" appears. Click [Next].

4 The "Welcome..." window appears. Check the radio button to the left of "Remove," then click [Next].

5 Confirmation regarding removal of the file appears. Click [OK].
The maintenance operation starts.

6 The window appears indicating that the maintenance operation is complete. Click [Finish].

7 The message "Remove mLAN Tools 2.0" appears. click [Next].

8 Confirmation regarding removal of the file appears. Click [OK].
The maintenance operation starts.

9 A window appears indicating that the maintenance operation is complete. Click [Finish].

10 A dialog box indicating that "Software removal has been completed" appears. Click [OK].
The uninstallation of n Driver, AI Driver or mLAN Driver/mLAN Tools is complete.

NOTE

• You can also uninstall the software by using "Add or Remove Programs" or "Programs and Features" in the Windows Control Panel. In the same manner as described below for removing Extensions for Steinberg DAW, remove the following two software programs in the listed order.
(Be sure to remove software 1, then software 2.)

    1) Yamaha n Driver, Yamaha AI Driver or mLANApplications for Yamaha

    2) mLAN Tools 2.0

■ Windows XP:

1 From the Start menu, select ([Settings] →) [ControlPanel] → [Add or Remove Programs] to display the Add or Remove Programs panel.

2 Click "Change or Remove Programs" located in the upper left, then select "Yamaha Extensions for Steinberg DAW" from the list in the right pane.

3 To uninstall the software, click [Remove].

A dialog box appears. Follow the instructions to remove the software.

■ Windows Vista:

1 From the Start menu, select ([Settings] →) [ControlPanel] → [Programs and Features] to display the "Uninstall or change a program" window.

2 Select "Extensions for Steinberg DAW" from the list.

3 Click [Uninstall].

If the "User Account Control" window appears, click [Continue]. A dialog box appears. Follow the instructions to remove the software.

[2] Install TOOLS for n Version2

For details, refer to the TOOLS for n Version2/Cubase AI Installation Guide. The installation procedure is the same as that applicable when installing this software by using the "TOOLS for n Version2" CD-ROM. When you start installation, make sure to double-click "setup.exe" in the compressed file (you have downloaded) instead of the CD-ROM.

NOTE

• On Windows XP, executing this procedure will take you up to step 15 (page 7) in the TOOLS for n Version2/Cubase AI Installation Guide. After completing the procedure, continue the update steps following step [3] "Connect the n8/n12 to the computer, then turn on the power to the device" in this Update Guide.

[3] Connect the n8/n12 to the computer, then turn on the power to the device

NOTE

• If you connect the n8/n12 to the computer with Windows XP for the first time, the "Found New Hardware Wizard" window appears. Select the radio button next to "Install the software automatically [Recommended]," then click [Next]. When the message of the installation completion is displayed, click [Finish].

• A dialog box may appear asking you whether you wish to connect to Windows Update. In this case, select the radio button to the left of "Not at this time," then click [Next].

[4] Update IEEE1394 firmware

For details, refer to the Update Guide included in the IEEE1394 Firmware Updater.

[5] Update n8/n12 firmware

For details, refer to the Update Guide included in the n8/n12 Firmware Updater.

[6] Make the initial setup for the n series Driver and WDM Audio/MIDI Driver. (Windows XP only)

The "Found New Hardware Wizard" windows appear when the update of the n8/n12 firmware has been completed. Complete each of the Wizards by following the instructions after No.16 in the TOOLS for n Version2/Cubase AI Installation Guide (page 7).

NOTE

- If the installation wizard window appears, select the radio button next to "Install the software automatically [Recommended]," then click [Next]. When the message of the installation completion is displayed, click [Finish].
- A dialog box may appear asking you whether you wish to connect to Windows Update. In this case, select the radio button to the left of "Not at this time," then click [Next].
- If you are using Windows Vista, the initial settings are automatically done.

[7] Confirm whether or not installation is completed successfully

For details, refer to the TOOLS for n Version2/Cubase AI Installation Guide.

[8] Update Sweet Spot Data Manager

For details, refer to the Installation Guide included in the Sweet Spot Data Manager.

Mac

[1] Install TOOLS for n Version2
[2] Turn on the power to the n8/n12
[3] Update IEEE1394 firmware
[4] Update n8/n12 firmware
[5] Confirm whether or not installation is completed successfully
[6] Update Sweet Spot Data Manager

[1] Install TOOLS for n Version2

For details, refer to the section " [1] Install TOOLS for n Version2 " (page 4).

[2] Turn on the power to the n8/n12

[3] Update IEEE1394 firmware

For details, refer to the Update Guide included in the IEEE1394 Firmware Updater.

[4] Update n8/n12 firmware

For details, refer to the Update Guide included in the n8/n12 Firmware Updater.

[5] Confirm whether or not installation is completed successfully

For details, refer to the section " [3] Confirm whether or not installation is completed successfully" (page 4).

[6] Update Sweet Spot Data Manager

For details, refer to the Installation Guide included in the Sweet Spot Data Manager.

NOTE 🖉

- If you do not use AI Driver or mLAN Driver/mLAN Tools in other devices, you can uninstall it by the following methods.

  To uninstall AI Driver or mLAN Driver/mLAN Tools, you must remove the following folders and files from the boot disk (usually Macintosh HD).

  /Applications/mLAN Tools/

  /System/Library/Extensions/Yamaha1394AudioDriver.kext

  /System/Library/Extensions/YamahaOGTAsync.kext

  /System/Library/Frameworks/mLANEnablerFramework.framework

  /System/Library/Frameworks/mLANQt.framework or mLANQtFramework.framework

  /Library/Application Support/mLAN/

  /Library/Audio/MIDI Drivers/Yamaha1394MIDI.plugin

  /Library/Prefrences/com.yamaha.mLAN Manager.plist

  /Library/Receipts/01XHAL.pkg

  /Library/Receipts/1394AudioDriver.pkg

  /Library/Receipts/1394MIDIPlugIn.pkg

  /Library/Receipts/i88XHAL.pkg

  /Library/Receipts/NCP08HAL.pkg

  /Library/Receipts/mLAN16EHAL.pkg

  /Library/Receipts/mLANAsyncLibrary.pkg

  /Library/Receipts/mLANAutoConnector.pkg

  /Library/Receipts/mLANEnablerFramework.pkg

  /Library/Receipts/mLANGraphicPatchbay.pkg

  /Library/Receipts/mLANManager.pkg

  /Library/Receipts/mLANQt.pkg

  /Library/Receipts/MY16mLANHAL.pkg

  /Library/Receipts/Presets.pkg

  /Library/Receipts/YamahaAIDriverHAL.pkg

  /User/ (Account name) /mLAN/

  / User/ (Account name) /Library/Preferences/com.yamaha.autoconnector.plist

  / User/ (Account name) /Library/Preferences/com.yamaha.mLAN.GraphicPatchbay.plist

  / User/ (Account name) /Library/Preferences/com.yamaha.mLAN Manager.plist

  * "(Account name)" indicates the account name when AI Driver or mLAN Driver/mLAN Tools is installed.

Uninstalling the Software

You must remove the following software one by one.
- Yamaha Steinberg FW Driver
- n Extension

Windows

For details, refer to the TOOLS for n Version2/Cubase AI Installation guide to uninstall the software.

Mac

[1] Disconnect all IEEE1394 devices from the computer.

[2] Start the computer and log in to the Administrator account.

Exit any open applications and close all open windows.

[3] After the downloaded compressed file is properly extracted, double-click the following files.

Yamaha Steinberg FW Driver
- Uninstall Yamaha Steinberg FW Driver

n Extension
- Uninstall Yamaha n Extension

[4] Click [Run] when the "Welcome to the * uninstaller." window appears.**

*** represents the software name.

After that, follow the on-screen instructions to uninstall the software.

[5] After completing the uninstallation, an "Uninstallation completed" window appears.
Click [Restart] or [Close].

[6] (Yamaha Steinberg FW Driver Only)
When the message prompting you to restart your computer appears, click [Restart].