YAMAHA

TOOLS for n/Cubase AI 4

Installation Guide
Installationshandbuch
Manuel d'installation
Guía de instalación

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SPECIAL NOTICES

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- The software included in the TOOLS for n CD-ROM may be revised and updated without prior notice. Make sure to check and download the latest version of the software from the following site.
  http://www.yamahasynth.com/download/
- For information about the minimum system requirements and latest information of Cubase AI 4, check the web site below.
  http://www.yamahasynth.com/
- Future upgrades of application and system software and any changes in specifications and functions will be announced separately.
- The screen displays as illustrated in this manual are for instructional purposes, and may appear somewhat different from the screens which appear on your computer.

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About the Disks Included in the Package

Operating System (OS)

The software on these disks is for the Windows operating system.

CD/DVD-ROM Installation Procedure

Before breaking the seal of the disk's packaging, please read carefully the "Software License Agreement for TOOLS for n" and "Software License Agreement for Cubase AI 4" on page 13 to 15 of this guide.

❶ Verify that your system meets the operating requirements of the software. ....page 4

❷ Install Cubase AI 4. ....page 5

❸ Install TOOLS for n. ....page 5

❹ Start up the software.

For subsequent operations, refer to the owner's manual for the n8/n12 and Cubase AI 4 (online help/PDF manual).

> NOTE
>
> • To view PDF files, you must install Adobe Reader on your computer. If you do not have Adobe Reader, you can download the application from the Adobe website at the following URL:
> http://www.adobe.com

Quick solutions/Reference materials
• Changing the driver settings ....page 9
• Uninstalling or re-installing the driver..pages 5, 11
• Resolving communication problems with the n8/n12...................."Troubleshooting (Owner's Manual)"

• Do not turn on the power to the n8/n12 during installation until the computer displays the following message.

mLAN Initialize

Turn on the device and connect to the computer using an IEEE1394 cable.

After completion of "Found New Hardware Wizard," click [OK] to continue.

[OK]

Disk Contents

The disks contain the following software and data.

● TOOLS for n

Software Name	Contents
TOOLS for n	TOOLS for n consists of two software components: n Driver and Extensions for Steinberg DAW. The n Driver is based on mLAN technology. It enables you to connect a single n8 or n12 to a computer. Extensions for Steinberg DAW is a software component that enables you to use the n8/n12 with Cubase 4, Cubase Studio 4 and Cubase AI 4. The TOOLS for n Installer installs these two software components. • Refer to page 5 for information about installing the software. • The installation process will install all necessary software components.

● Cubase AI 4

Software Name	Contents

Cubase AI 4	Cubase AI 4 is a special version developed for Yamaha products, based on Steinberg Cubase 4, which is very popular among a wide range of users.
	Cubase AI 4 features an Advanced Integration function that integrates various hardware devices, including the Yamaha n series, and provides an integrated operational environment.
	Cubase AI 4 also features the following content data that is carefully selected from the Yamaha MOTIF ES series, Yamaha's synthesizer flagship models:
	• MIDI Drum Style: Twenty project files of rhythm patterns that cover a wide range of genres, such as R&B and rock
	    \Cubase AI 4 for Windows\Additional Content\Yamaha Content\Drum Styles
	• AUDIO LOOP: More than 480 audio loop files that contain ready-to-use rhythm loops
	    \Cubase AI 4 for Windows\Additional Content\Yamaha Content\Loops
	• DEMO SONG: \Demo Project\Start Aeye.cpr

System Requirements for Software

The system requirements below are necessary for using the n8/n12 by connecting it to a computer, or for using the included DAW.

NOTE

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

• For details on minimum requirements for other DAW software, refer to the respective owner's manual.

● n8/n12 (TOOLS for n)

OS　　　　　: Windows XP Professional/XP Home Edition SP2
Computer　 : Intel Pentium or Celeron family processor, with an S400 (400 Mbps) IEEE1394 (FireWire) or i.Link terminal (*1).
Hard Disk　: Free disk space of 100 MB or more; high-speed hard disk

● Recommended system requirements (*2)
Computer　　　　　: 2.2 GHz or higher; Intel Pentium 4 processor
Available Memory　: 512 MB or more

● Minimum system requirements (*2)
Computer　　　　　: Intel Pentium 1.4 GHz or Intel Celeron 1.7 GHz (or higher)
Available Memory　: 512 MB or more

*1 The computer must have an IEEE 1394 (FireWire/i.LINK) connector. If there is no connector, install an IEEE 1394 interface card (PCI or PC).
For more details on system requirements and recommended PCI or PC cards, see
　　　http://www.yamahasynth.com

*2 The system requirements listed here apply when playing the audio/MIDI data described below on a typical DAW. This may differ depending on the particular DAW you are using.

Recommended system requirements
　　　Frequency/resolution: 44.1 kHz/24 bit
　　　Audio playback tracks: 15
　　　Audio recording tracks: 2
　　　MIDI playback tracks: 16
　　　MIDI Remote Control/Automation
　　　Send effects (plug-in): 3
　　　Insert effects (plug-in): 9
　　　Plug-in synthesizer: 2
　　　Latency: 5 msec or less

Minimum system requirements
　　　Frequency/resolution: 44.1 kHz/24 bit
　　　Audio playback tracks: 15
　　　MIDI Remote Control/Automation
　　　Send effects (plug-in): 3
　　　Insert effects (plug-in): 9
　　　Plug-in synthesizer: none
　　　Latency: about 50 msec

NOTE

• When using a laptop or notebook computer, a built-in IEEE 1394 terminal may not be available. If this is the case, install an appropriate PC interface card.

● Cubase AI 4
OS　　　　　　　　　: Windows XP Professional/XP Home Edition
Computer　　　　　: Intel Pentium 1.4 GHz or better
Available Memory　: 512 MB
Display Resolution : 1024 x 768 pixel
Audio Interface　　: Windows DirectX compatible
Hard Disk　　　　　: Free disk space of 400 MB or more; high-speed hard disk

NOTE

• A DVD drive is required for installation.

• To activate your software license, install the application while the computer is connected to the Internet.

About the Cubase AI 4 DVD-ROM

Installation

Important!
Since the End-User Software License Agreement (EUSLA) showed on your PC-display in your installing the "DAW" software is replaced by the agreement on page 13, you should disregard the EUSLA. Read the Cubase AI 4 License Agreement on page 13 carefully, and install the software if you agree to it.

Install Cubase AI 4 *before* you install TOOLS for n. Project templates for the n8/n12 will be installed in the Cubase AI 4 installation destination.

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

2 Insert the Cubase AI 4 DVD-ROM into the DVD-ROM drive.

3 Open the DVD-ROM, then double-click the file "CubaseAI4.msi". Follow the instructions on the screen to install Cubase AI 4.

NOTE

• When installing Cubase AI 4, you will need a working internet connection to register your Cubase AI 4. Make sure to fill in all required fields for user registration. If you do not register the product, you will be unable to use the application after a limited period of time expires.

• If you are using Cubase 4 or Cubase Studio 4, install either application before you install TOOLS for n. The n8/n12 project templates will be installed in the application installation destination.

About software support
Support for the included DAW is provided by Steinberg on its website at the following address.
http://www.steinberg.net

You can visit the Steinberg site also via the Help menu of the included DAW software. (The Help menu also includes the PDF manual and other information on the software.)

About the TOOLS for n CD-ROM

⚠ CAUTION

• *Keep in mind that noise may be generated when installing or uninstalling the TOOLS for n. Before performing either of these operations, make sure to lower the output level of each device.*

If you have already installed n Driver or mLAN Driver/mLAN Tools on your computer:
You must uninstall the driver software. During the installation of TOOLS for n, a software maintenance window appears. Follow the instructions in the window to remove the software. The installation of TOOLS for n will then resume.
For more information on removing the software, refer to page 11.

Check beforehand the drive name (D:, E:, etc.) corresponding to the CD-ROM you are using. The drive name is indicated under the CD-ROM icon of [My computer]. (The root directory of the CD-ROM drive is indicated as D:\, E:\, etc.)
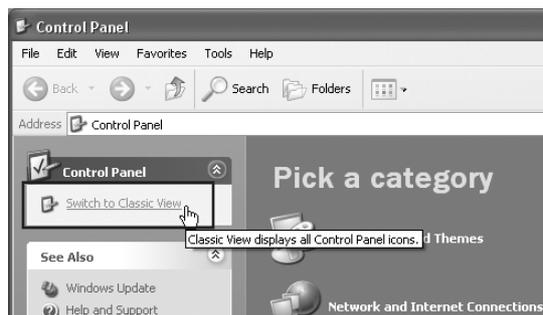
Installation

TOOLS for n consists of two software components: n Driver and Extensions for Steinberg DAW. n Driver is required to connect the n8/n12 to a computer. Extensions for Steinberg DAW is a software component that enables you to use the n8/n12 along with Cubase 4, Cubase Studio 4 or Cubase AI 4. The TOOLS for n Installer installs these two software components.
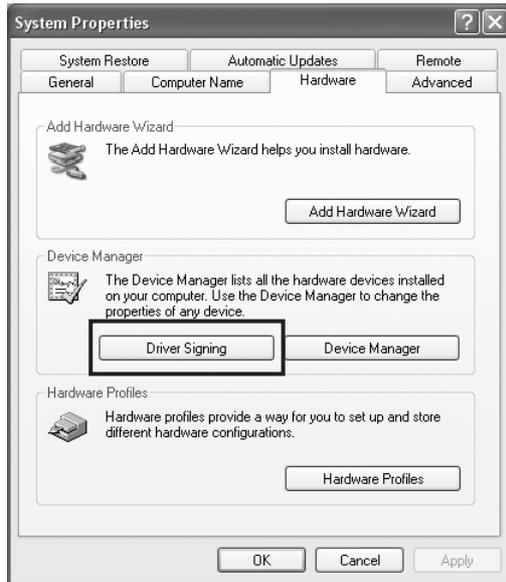
NOTE

• For explanations of the error messages, see page 12.

Preparing to install

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

2 Disconnect all MIDI cables that connect MIDI devices to MIDI IN/OUT jacks on the n8/n12.

3 Using an IEEE1394 cable, connect the n8/n12 directly to the computer (without using a hub), and disconnect all other IEEE 1394 devices from the computer.

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

5 Select [Start] (→ [Settings]) → [Control Panel]. If the control panel appears as shown below, click "Switch to Classic View" in the upper left of the window. All control panels and icons will be displayed.

6 Go to [System] → [Hardware] → [Driver Signing] → [Driver Signing Options], and select the radio button to the left of "Ignore - Install the software anyway and don't ask for my approval" and click [OK].

> NOTE
> • After completing the installation, make sure to restore the original setting if necessary.

7 Check that no "!" or "x" marks appear next to "IEEE 1394 Bus host controllers" in ([System] → [Hardware] →) [Device Manager]. If one of these marks is shown, the IEEE 1394/i.Link connection cannot be used. Refer to the owner's manual of your computer for details.

8 Click [OK] to close the System Properties window, then click the Close button ([X]) at the top right of the window to close the Control Panel.

9 Exit any open applications and close all open windows.

10 Insert the TOOLS for n CD-ROM into the CD-ROM drive.

Starting up the Installer

The installer will install the following two software components to your computer.
- • **n Driver**
- • **Extensions for Steinberg DAW**

> NOTE
> • Use the Cancel button or Close button to quit the installation. Quitting by using the [Ctrl]+[Alt]+[Delete] buttons or by turning off the power while installation is in process can result in problems since the installation is terminated without performing a proper uninstall.

11 Open the CD-ROM, then double-click the file "setup.exe".
A "Welcome to the InstallShield Wizard for TOOLS for n" window appears.

> NOTE
> • You can choose to install either n Driver or Extensions for Steinberg DAW. To install only n Driver, double-click "setup.exe" in the "Driver_" folder. To install only Extensions for Steinberg DAW, double-click "setup.exe" in the "Extensions_" folder.

Installing n Driver

This section explains how to install mLAN Tools 2.0 and n Driver.

> NOTE
> • If n Driver or mLAN Driver/mLAN Tools has already been installed on your computer, a software maintenance window appears. Follow the instructions in the window to remove the software and install the new software.

12 Click [Next]. A few confirmation messages appear. If there are no problems, click [OK] to close the dialogs.

13 When the "Welcome to the InstallShield Wizard for Yamaha n Driver" window appears, click [Next].
The first screen in the procedure to install mLAN Tools appears.

14 Click [Next]. The "Destination Directory" window appears, letting you specify the desired drive and folder name for installing mLAN Tools. The destination directory is automatically set; however, if you wish to change it, click the [Browse…] button and select the desired folder (drive:\folder name).
Click [Next] after making or confirming the selection.

> NOTE
> • In general, there is no need to change the destination directory.

15 Confirm the drive and folder name and click [Next] to start installation.

> NOTE
> • If a message "Windows has detected software that has not passed the Windows logo testing" appears, click [Continue]. You do not need to abort the installation. (This applies to the entire installation procedure.) If the message does not appear, proceed to the next step.

16 When installation is finished, a "Completed" message appears. Click [Finish]. The first screen of the window for installing n Driver appears.

17 Click [Next]. The "Destination Directory" window appears, letting you specify the desired drive and folder name for installing n Driver. The destination directory is automatically set; however, if you wish to change it, click the [Browse…] button and select the desired folder (drive:\folder name).

> NOTE
> • In general, there is no need to change the destination directory.

18 Confirm the drive and folder name and click [Next] to start installation.

Installing Extensions for Steinberg DAW

After the installation of n Driver is complete, the first screen in the procedure to install Extensions for Steinberg DAW appears.

19 Click [Next].
The "Welcome to the InstallShield Wizard for Yamaha Extensions for Steinberg DAW" window appears.

> NOTE
> • If the same version of Extensions for Steinberg DAW has already been installed in your computer, the completion of the maintenance window appears. In this case, click [Finish].
> • If a newer version of Extensions for Steinberg DAW has already been installed in your computer, a dialog box appears indicating that the newer software has already been installed. In this case, you do not need to install the software. Click [OK] in the dialog box.
> • If an older version of Extensions for Steinberg DAW has been installed in your computer, the software should be updated. (The procedure is the same as for installing it from scratch.)

20 Click [Next] to start the installation.

> NOTE
> • To cancel the installation procedure, click [Cancel].

21 You are informed when the installation is complete. Click [Finish].

Restarting the computer

22 You are informed when the installation of TOOLS for n is complete. Make sure that the radio button to the left of "Yes, restart the computer now." is selected, then click [Finish] to restart the computer.

> **When canceling the installation**
> If you've cancelled an installation before it is complete, the software may not have been installed properly. To install the software properly, resume the procedure from Step **11**.

n Driver initial settings

After you restart the computer, complete the n Driver initial settings.

23 A dialog box in the upper left corner of the screen prompts you to turn on the power to the device. Connect the n8/n12 to the computer, then turn on the power to the n8/n12. The "Found New Hardware Wizard" window is displayed.

> NOTE
> • 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].

24 Select the radio button next to "Install the software automatically [Recommended]", then click [Next].
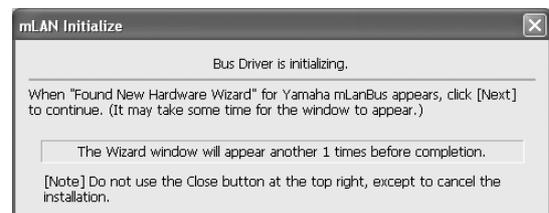You are informed when the installation is complete.

25 Click [Finish], then click [OK] in the same dialog box (that prompted you to turn on the power to the device) indicated in Step **23**.

26 The following message appears in the upper left corner of the screen: "Make the driver initial settings." Click [OK].

> NOTE
> • During Steps **27** and **28**, and Steps **30** and **31**, a window appears indicating that you are now making the initial settings for each device. This window also indicates the number of times the "Found New Hardware Wizard" will be displayed during the procedure. Unless you wish to cancel installation, do not close this window.

Example:

Bus driver initial settings

27 The "Found New Hardware Wizard" window appears. Select the radio button next to "Install the software automatically [Recommended]", then click [Next].
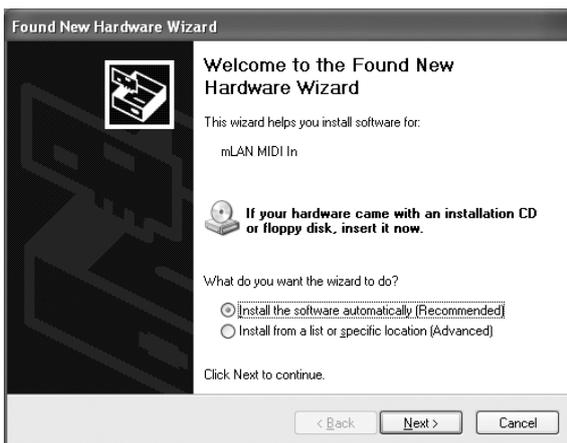

> **NOTE**
> • A dialog box may appear asking you whether you wish to connect to Windows Update. In this case, select the radio button to the left of "Not at this time", then click [Next].

28 When the installation is complete, a message indicating that installation is complete appears. Click [Finish].

29 Repeat Steps **27** and **28** until the window (indicating that you are making the initial bus driver settings) closes.

Audio/MIDI driver settings

30 The "Found New Hardware Wizard" appears. Select the radio button next to "Install the software automatically [Recommended]", then click [Next].

> **NOTE**
> • 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].

31 When the installation is complete, a message indicating that installation is complete appears. Click [Finish].

32 Repeat Steps **30** and **31** until the window (indicating that you are making the Audio/MIDI driver initial settings) closes.

Establishing a connection

33 n Driver is activated, and Connection Manager starts to establish a connection. The process of making n Driver initial settings is complete.

> **NOTE**
> • If n Driver has been installed and its initial settings have been made, you can physically connect the n8/n12 to your computer regardless of the power on/off status of the devices. To allow the n8/n12 to be used along with the computer, n Driver must be enabled (see the next page). When you connect the n8/n12 to the computer, Connection Manager automatically makes all connection settings. During this process, the driver icon (see the next page) flashes. Wait until the icon lights up steadily.
> • When you connect the n8/n12 to the computer for the first time, a message (similar to the one shown in Step **33**) appears indicating that the two devices are in the process of establishing a connection.

> ⚠ **CAUTION**
> • **The flashing driver icon means that Connection Manager is checking an IEEE 1394 device that is connected to the computer. While the icon is flashing, do not turn on or off the power to the connected IEEE 1394 devices or connect/disconnect any IEEE 1394 cables.**

English

Confirming the installation

Task tray

If the installation is successful, an n Driver icon is added to the task tray. To call up the menu, right-click on the icon.

> **NOTE**
> • When n Driver is disabled, the driver icon is white. When n Driver is enabled, the driver icon is blue. To use the n8/n12 along with a computer, you must enable n Driver. While Connection Manager is checking an IEEE 1394 device that is connected to the computer, the driver icon flashes.

Driver icon

RESET ALL .... Reverts all settings to default.
Auto On .... Enables n Driver when the computer is started. By default, Auto On is set to "On".
ON .... Enables n Driver.
OFF .... Disables n Driver. This setting reduces the CPU load when the n8/n12 is not in use.
Driver Setup .... Starts Driver Setup (page 9).
Sample Rate .... Specifies the sample rate (see the right column on this page).
EXIT .... Disables n Driver, then removes the n Driver icon from the task tray. To display the driver icon on the task tray again, from the Start menu, select [All Programs] → [Start Up] → [mLAN Manager]. If Auto On is set to "On", n Driver is automatically enabled.
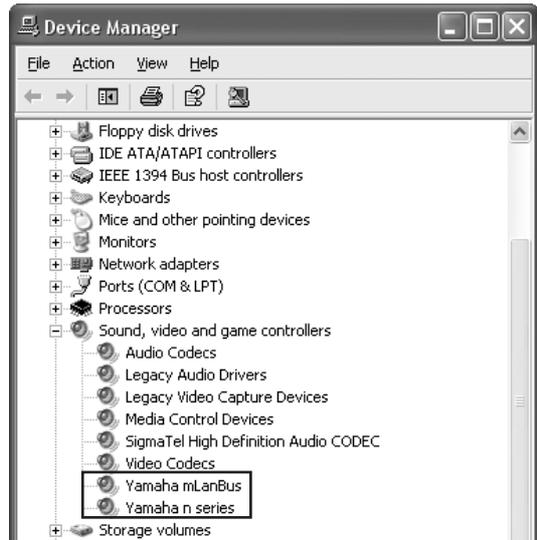
> **NOTE**
> • The default setting of Auto On for n Driver is "On", which allows the computer to automatically enable n Driver at startup.
> • You can use Driver Setup to check whether data is being properly transmitted and received.

Device Manager (Operating System)

1 Select [Control Panel] from the Start menu.

2 Double-click on the System icon to call up the System Properties window.

3 Select the Hardware tab and click [Device Manager].

4 Click on the [+] mark next to "Sound, video and game controllers", and confirm that "Yamaha n series" and "Yamaha mLanBus" are listed.

Changing settings after installation

> **NOTE**
> • If n Driver is being used by an application (such as a DAW), you cannot change the Sample Rate and Driver Setup settings. To change the settings, first quit the application. If an error message appears indicating that you cannot change a setting, refer to "Cannot change the Sample Rate / Driver Setup settings, or cannot uninstall n Driver." on page 12.

Sample Rate
(Right-click the driver icon on the task tray → Sample Rate)
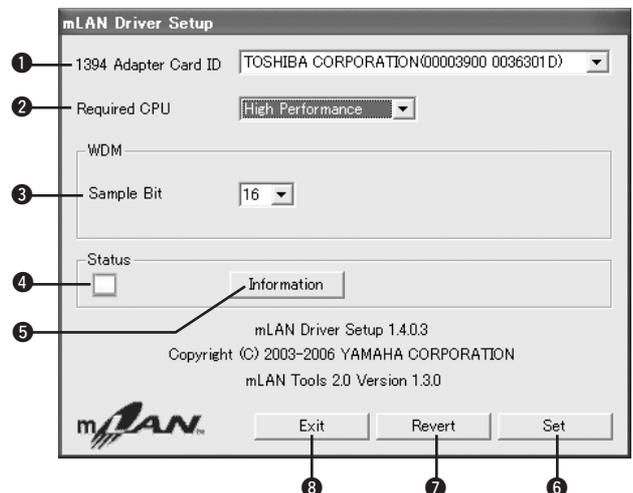This dialog box enables you to set the sample rate.

Click the down arrow in the Sample Rate field, then select the desired sample rate. Click [OK] to apply the selection and close the dialog box. By clicking [Apply], your selection will be applied and the dialog box will remain open. While you are changing the sample rate, a window appears indicating that the setting is being changed, and the n8/n12 [COMP] indicator flashes (see page 14 in the Owner's Manual).

Driver Setup
(Right-click the driver icon on the task tray → Driver Setup)
This dialog box enables you to set up communication with the n8/n12, and to check data reception and transmission.

English

❶ 1394 Adapter Card ID

This field displays the ID of an IEEE 1394 (FireWire/iLink) interface card installed in the computer. If multiple interfaces have been installed in the computer, select the interface that is used to connect the n8/n12. The field will not display the ID of any interfaces that are not recognized by n Driver.

NOTE

- The correct name of the manufacturer or vendor may not be displayed depending on the particular interface you are using.

- If multiple interfaces have been installed in the computer, the interface that is used to connect the n8/n12 will be selected when you make the initial settings for n Driver (see page 6). If you want to use another interface, first select the desired 1394 Adapter Card ID in the Driver Setup, then reconnect the IEEE 1394 cable. Connection Manager will then re-establish a connection.

❷ Required CPU

Determines the computer's required processing power (the amount of processing load applied to the computer by the n driver).
You can also control the processing load by adjusting the latency in "ASIO Control Panel". (see next page)

❸ WDM Sample Bit

This parameter enables you to specify the audio data bit resolution for the WDM driver.

❹ Status

This field indicates the status of the audio/MIDI data transmitted from the n8/n12 to the computer. It also displays an error message in the event that a transmission error occurs.

    Blue .... Data is being properly transmitted.
    Yellow.......... Only one type of data (audio or MIDI) is being received.
    Red .... Error in reception.
    Gray .... No reception.

NOTE

- If an application, such as a DAW, is not using the n Driver's audio or MIDI data, this field will not display an indication of correct status. Refer to this field when your application is running and using the n Driver's audio or MIDI data.

❺ Information

Click this button to display the Information window (see the right column on this page), which displays the current status of audio and MIDI data reception (from the n8/n12 to the computer).

❻ Set

Clicking this button actually applies the settings made in this dialog box. Changes to the settings do not take effect unless [Set] is clicked.

❼ Revert

If you've made changes to the settings (but not yet clicked [Set]), clicking this button restores the settings made the last time [Set] was clicked. Once you click [Set], [Revert] cannot be used.
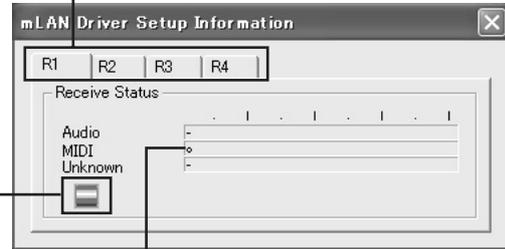
❽ EXIT

Click to close the dialog box.

About the Information window

This window indicates the audio and MIDI data reception status (from the n8/n12 to computer).

R1, R2, etc.
This indicates the data reception status. "R1" corresponds to MIDI reception while "R2 corresponds to audio reception. The number of tabs shown differs depending on your particular computer configuration.

Receive Status
These fields display a symbol that indicates that data is being received. The symbol "o" indicates that data in the corresponding format is being received. For example, the symbol "ooooooo-" in the "Audio" field indicates that nine data have been received, and the first eight data are audio data. The "Unknown" field displays symbols if data in unknown formats are received.
These fields remain blank if no data is received.
If an error occurs during reception, a red warning message flashes. In this case, check the status of the n8/n12.

Icon
    Blue ...... Reception is normal.
    Red .... Error in reception.
    Gray ...... No reception.

Latency and Required CPU

A particular computer configuration (i.e., processing speed and memory size) may affect the computer's ability to properly record and play back audio data in your DAW, resulting in noise or other audio problems.
In most cases, you can solve these problems by adjusting the latency (delay time). (See "Latency" on next page.)

However depending on the performance of your computer and on how it is being used (i.e., whether other applications are being used simultaneously, etc.), you may still experience noise or sound interruption even after increasing the latency. In this case, change the "Required CPU" setting to "Medium Performance" or "Low Performance" to lighten the processing load on your computer, and then adjust the latency (the Preferred Buffer Size setting below) once again.

- Lower latency values result in shorter delay times and work better for real-time recording and playback.
- Higher latency values result in longer delay times, but allow for use of more audio channels and plug-in effects (thus reducing the computer's momentary processing load).

Conversely, if you experience no noise or interruptions even with the "Preferred Buffer Size" setting described next page set to the minimum, you can minimize the overall latency by setting Required CPU to "High Performance" and then adjusting the latency once again.

● **Latency of n Driver**

Audio latency

Audio latency is determined by the "Preferred Buffer Size" setting in the "ASIO Control Panel".
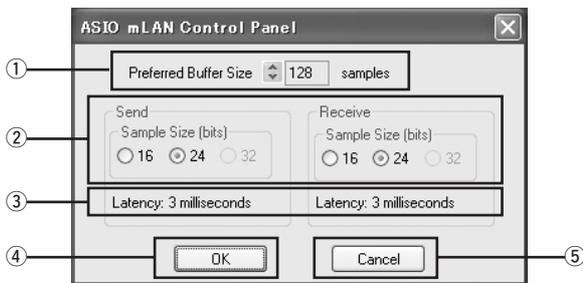The audio latency value is shown in the "ASIO Control Panel" (see below).

MIDI latency

For information on the MIDI latency, refer to the "releasenotes_e.pdf" file included in the TOOLS for n CD-ROM.

● **ASIO Control Panel**

When using the ASIO Driver, open the ASIO Control Panel associated with the driver settings of the DAW software (the specific menu depends on the software you are using) and set the Preferred Buffer Size as needed. When you open the ASIO Control Panel, the following dialog box appears.

> **NOTE**
>
> • Also, when using the WDM driver, adjust as necessary the latency value of the WDM driver (which corresponds to the latency of the ASIO driver in this chart) within the driver settings of the DAW software.
>
> • The initial setting of the Preferred Buffer Size of the ASIO driver is the smallest value.

① **Preferred Buffer Size**

This parameter enables you to specify the size of the buffer inside the ASIO driver.

② **Sample Size**

This parameter enables you to specify the bit resolution for audio data transmission and reception.

③ **Latency**

This field indicates the audio latency value. Audio latency is determined by the "Preferred Buffer Size (①)" setting.

④ **OK**

Click to enable the settings and close the dialog box.

⑤ **Cancel**

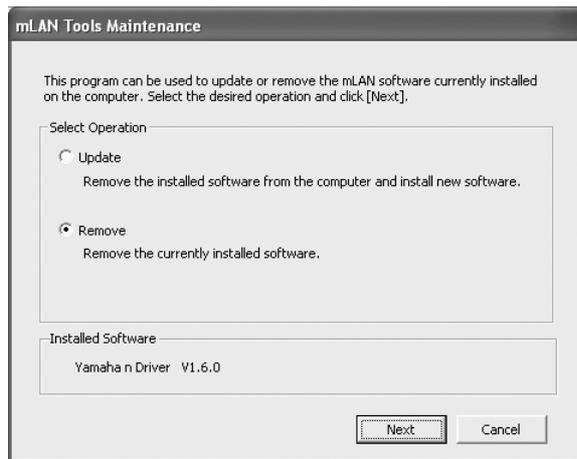Click to close the dialog box without changing the settings.

Uninstalling the Software

To uninstall TOOLS for n, you must remove the following two software components:

• **n Driver**
• **Extensions for Steinberg DAW**

Removing n Driver

1 Insert the TOOLS for n CD-ROM into the CD-ROM drive of your computer.

2 Open the "Driver_" folder, then double-click "setup.exe".
The maintenance window appears.

> **NOTE**
>
> • If the driver has not been installed, n Driver Installer starts.

3 Select the radio button to the left of "Remove", then click [Next].

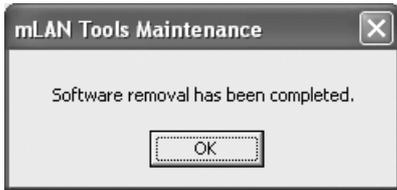**4** A message "Remove Yamaha n Driver" appears. Click [Next].

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

6 Confirmation regarding removal of the file appears. Click [OK].
The maintenance operation starts. You are informed when the maintenance operation is complete. Click [Finish].

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

English

8 Confirmation regarding removal of the file appears. Click [OK]. The maintenance operation starts. You are informed when the maintenance operation is complete. Click [Finish].

9 A dialog box indicating that "The software has been removed" appears. Click [OK]. The uninstallation of n Driver is complete.

> **mLAN Tools Maintenance** ☒
>
> Software removal has been completed.
>
> [OK]

> NOTE
>
> • *You can also use "Add or Remove Programs" 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
> 2) mLAN Tools 2.0

Removing Extensions for Steinberg DAW

1 From the Start menu, select ([Settings] →) [Control Panel] → [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. The uninstallation of Extensions for Steinberg DAW is complete.

Troubleshooting

■ If an error message appears:

• If you see one of the following messages, right-click the driver icon on the task tray and select "ON" (see page 9) to enable n Driver:
"From the mLAN Manager menu, select ON."
"Execute mLAN Start."
"Start mLAN"

• If a message "Execute mLAN Stop" appears, right-click the driver icon on the task tray and select "OFF" (see page 9) to disable n Driver.

• If other error messages appear, follow the instructions on the screen.

■ Cannot change the Sample Rate / Driver Setup settings, or cannot uninstall n Driver.

While you are trying to change the Sample Rate or Driver Setup settings or to uninstall n Driver, a message similar to that shown below may appear:

> **mLAN Connection Manager** ☒
>
> ⚠ Sample rate cannot be changed while the driver is in use.
> Quit the application which uses the driver, and change sample rate again.
>
> [OK]

If n Driver is being used with an application (such as the DAW):

You cannot change the Sample Rate / Driver Setup settings, or uninstall n Driver. First quit the application, then try again.

If the WDM driver is selected as the default device for Windows:

Even if the application is not running, you may be unable to change the Sample Rate / Driver Setup settings, or uninstall n Driver.
If the WDM driver ("mLAN Audio Out" or "mLAN MIDI Out") has been selected as the default device of the Windows, follow the steps below to de-select the WDM driver, then try to change the Sample Rate / Driver Setup settings or uninstall n Driver.

1 From the Start menu, select ([Settings] →) [Control Panel] → [Sounds and Audio Devices] → [Voice]. Make sure that something other than "mLAN Audio Out" is selected for the "Voice playback" setting.

2 From the Start menu, select ([Settings] →) [Control Panel] → [Sounds and Audio Devices] → [Audio]. Make sure that something other than "mLAN Audio Out" is selected for the "Sound playback" setting.

3 From the Start menu, select ([Settings] →) [Control Panel] → [Sounds and Audio Devices] → [Audio], then select any option other than the items from "mLAN MIDI Out" through "mLAN MIDI Out (8)" for the "MIDI music playback" setting.

> NOTE
>
> • *When you turn on the power to the n8/n12, Windows may automatically specify the WDM driver as the default device for Windows.*

■ No sound, incorrect sound

Please refer to the "Troubleshooting" section in the Owner's Manual.

English

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