



mLAN Tools 2.0/mLAN Applications for YAMAHA

Installation Guide

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What is mLAN Tools 2.0/mLAN Applications for YAMAHA?

mLAN Tools 2.0/mLAN Applications for YAMAHA is software that lets you use the 01X/i88X/mLAN16E/MY16-mLAN with your computer. This software consists of the following drivers and applications.

mLAN Bus Driver

01X Driver

i88X Driver

mLAN16E Driver

MY16-mLAN Driver

mLAN Auto Connector

mLAN Graphic Patchbay

mLAN Manager

Operating requirements

For details on the operating requirements of the software for Windows XP Home Edition/XP Professional, refer to the installation guide for each product.

For details on the operating requirements of the software for Windows XP Professional x64 Edition, refer to <http://www.yamahasynt.com/>

How this guide is organized

Installing mLAN Tools 2.0/mLAN Applications for YAMAHA (page 4)

Explains how to install mLAN Tools 2.0/mLAN Applications for YAMAHA for the first time.

Uninstalling the software (page 8)

Explains how to uninstall mLAN Tools 2.0/mLAN Applications for YAMAHA.

Updating the software (page 9)

Explains how to update the old version of mLAN Tools 2.0/mLAN Applications for YAMAHA that you're currently using to the new version of the software.

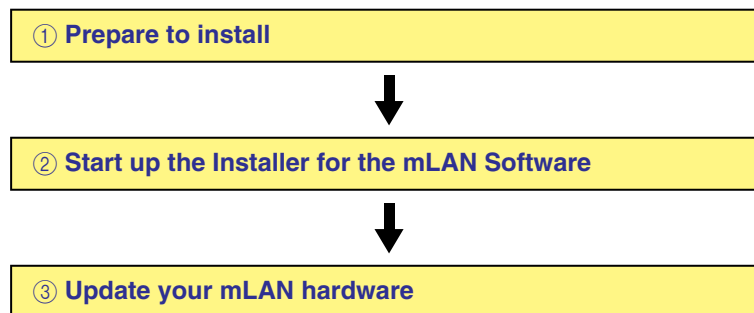
Installing mLAN Tools 2.0/mLAN Applications for YAMAHA

mLAN Tools 2.0 software includes a driver that enables you to connect mLAN devices to a computer.

mLAN Applications for YAMAHA enables audio and MIDI signals to be transferred between a computer and mLAN devices via mLAN cables.

This software enables you to connect the 01X, i88X, mLAN16E, or MY16-mLAN to a computer via mLAN.

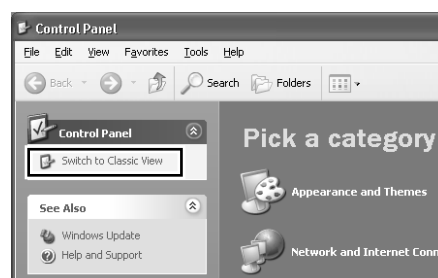
Follow the steps below to install these software applications.



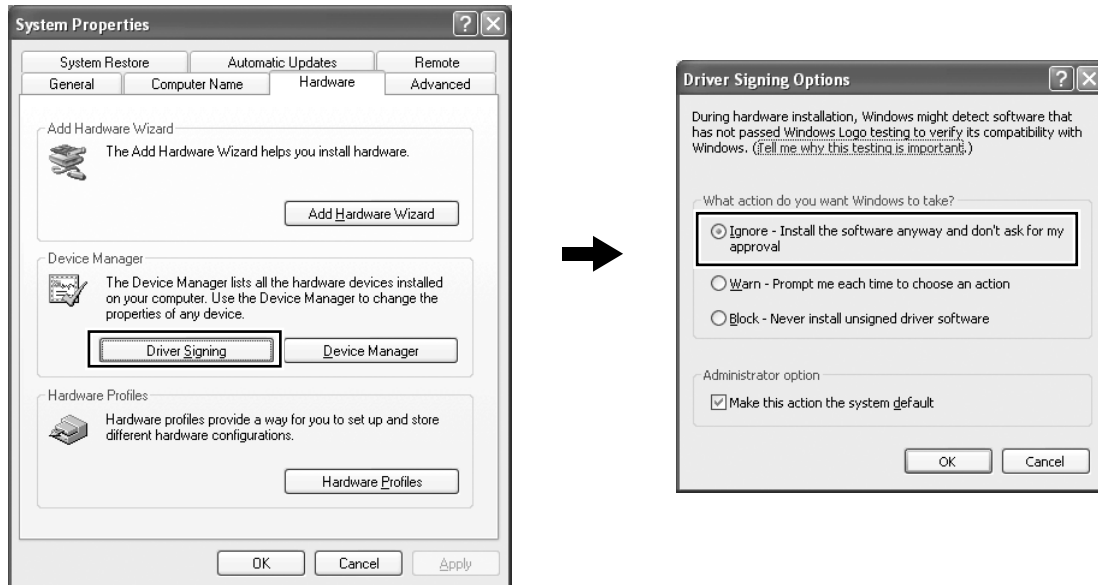
If an error message appears, refer to the installation guide for the applicable product.

Prepare to install

- 1** Disconnect all MIDI cables that connect MIDI devices to MIDI IN/OUT connectors on the mLAN device.
- 2** Using an IEEE1394 (iLink) cable, connect the mLAN device directly to the computer (without using a hub), and disconnect all other IEEE 1394-connected devices from the computer.
- 3** Make sure that the power to the mLAN device is turned off.
- 4** Start the computer and log in 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]. In [Driver Signing Options], choose the radio button for “Ignore - Install the software anyway and don’t ask for my approval,” and then click [OK].



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 from any open applications and close all open windows.

Start up the Installer for the mLAN Software

The installer will install the following two programs to your computer.

- mLAN Tools 2.0
- mLAN Applications for YAMAHA



Use the Cancel button or Close button to quit the installation. Quitting by using the [CTR]+[ALT]+[DEL] 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.

- 10** Double-click on the “mLAN_” folder.
Various files are shown, including “setup.exe.”

- 11** Double-click on “setup.exe.”

For details on the procedure, refer to the installation guide (install_guide_e/g/f.pdf) found in the respective folders “for_01X_user,” “for_i88X_user,” “for_mLAN16E_user,” and “for_MY16-mLAN_user” for each product.

When canceling the installation

If you've cancelled an installation before it is complete, the software may not have been installed properly. Follow the instructions below to properly install the software.

- 1 Click on "Add or Remove Programs" in the Control Panel (page 8) and find "mLAN Applications for YAMAHA" and "mLAN Tools 2.0" in the list.

- 2 Delete the two programs in order: first, "mLAN Applications for YAMAHA," then "mLAN Tools 2.0."



You must delete the software in the order described above.

- 3 Restart the installer (setup.exe).

Update your mLAN hardware

If you're using the 01X, i88X, or mLAN16E, you may need to update your hardware.

During the update, do not power-off your hardware, disconnect the IEEE 1394 cable, or connect any other IEEE 1394 (mLAN) device.

[01X users]

- **Updating the main portion of the 01X**

Turn on the power while holding down the 01X's [UTILITY] key; the LCD will indicate the firmware OS version as long as you continue holding down the key. If the version is earlier than 1.03, you'll need to update the main portion of the 01X. For details on updating, refer to "UpgradeE.pdf" (found in the "for_01X_user" folder → "01X_v103_updater" folder).

- **Updating the mLAN portion of the 01X**

You can see the version in the node information of mLAN Graphic Patchbay. For details on mLAN Graphic Patchbay, refer to the "mLAN Graphic Patchbay manual."

[Example of version indication: NCP0405-B0-**519**-2004-09-03]

If the portion indicated in boldface is a number lower than "519," you'll need to update the mLAN portion of the 01X. For details on updating, refer to "user_guide_e.htm" (in the "for_01X_user" folder → "mLAN_updater" folder).

For changes in functionality and cautions, refer to "01X_Readme_E/G/F.pdf" and "install_guide_e/g/f.pdf" (in the "for_01X_user" folder).

[i88X users]

- **Updating the mLAN portion of the i88X**

You can see the version in the node information of mLAN Graphic Patchbay. For details on mLAN Graphic Patchbay, refer to the "mLAN Graphic Patchbay manual."

[Example of version indication: NCP0405-B0-**519**-2004-09-03]

If the portion indicated in boldface is a number lower than "519," you'll need to update the mLAN portion of the i88X. For details on updating, refer to "user_guide_e.htm" (in the "for_i88X_user" folder → "mLAN_updater" folder).

For changes in functionality and cautions, refer to "install_guide_e/g/f.pdf" (in the "for_i88X_user" folder) and "01X_Readme_E/G/F.pdf" (in the "for_01X_user" folder).

[mLAN16E users]

- **Updating the mLAN portion of the mLAN16E**

You can see the version in the node information of mLAN Graphic Patchbay. For details on mLAN Graphic Patchbay, refer to the “mLAN Graphic Patchbay manual.”

[Example of version indication: NCP0405-B0-519-2004-09-03]

If the portion indicated in boldface is a number lower than “519,” you’ll need to update the mLAN portion of the mLAN16E. For details on updating, refer to “user_guide_e.htm” (in the “for_mLAN16E_user” folder → “mLAN_updater” folder). For changes in functionality and cautions, refer to “install_guide_e/g/f.pdf” (in the “for_mLAN16E_user” folder) and “01X_Readme_E/G/F.pdf” (in the “for_01X_user” folder).

Uninstalling the software

If you want to uninstall the mLAN software, you'll need to remove the following items. You must remove these in the order of first "1" and then "2."

- 1) mLAN Applications for YAMAHA
- 2) mLAN Tools 2.0

To remove the software you installed, proceed as follows.

- 1 Click [Start] (→ [Settings]) → [Control Panel] → [Add or Remove Programs] → [Change or Remove Programs].
- 2 In the list of installed programs, select "mLAN Applications for YAMAHA," and click [Change/Remove].
A dialog box will appear. Follow the on-screen instructions to remove the software.
- 3 As you did in steps 1–2, select "mLAN Tools 2.0" from the list of programs, and click [Change/Remove].
A dialog box will appear. Follow the on-screen instructions to remove the software."

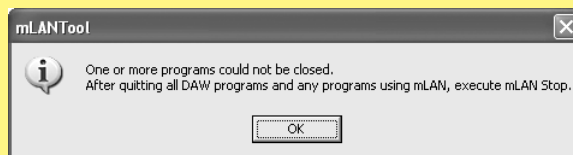


The button names or menus may differ depending on the computer OS.

When the program mLAN Applications for YAMAHA/mLAN Tools 2.0 cannot be uninstalled.

The message below may sometimes appear when uninstalling.

Example:



● If the mLAN driver is being used by an application (such as a DAW)

You will not be able to uninstall mLAN Applications for YAMAHA or mLAN Tools 2.0. Exit your application before you uninstall the software.

● If you're using WDM and both of the following conditions apply

In some cases, you may be unable to uninstall mLAN Applications for YAMAHA or mLAN Tools 2.0 even though no application is running.

- The WDM driver is selected in mLAN Auto Connector or mLAN Graphic Patchbay.
- When the mLAN WDM driver ("mLAN Audio Out 01") or "mLAN MIDI Out" is selected as the audio device in Windows.

If this is the case, follow the instructions below before uninstalling mLAN Applications for YAMAHA/mLAN Tools 2.0.



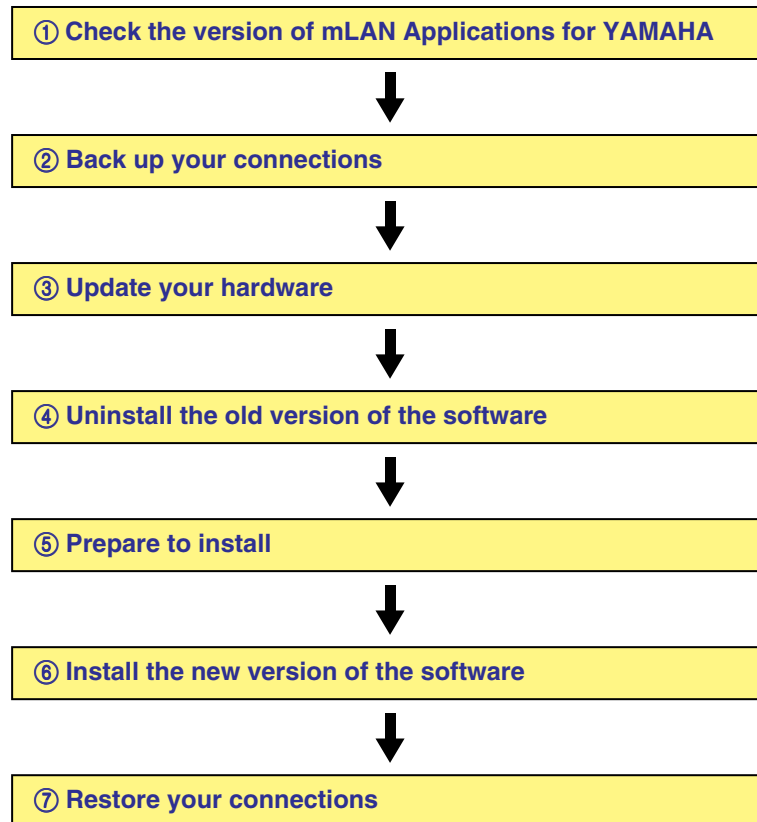
In some cases, when you turn on the power to the mLAN devices, Windows may automatically select mLAN Audio/MIDI.

- 1 Select [Start] (→ [Settings]) → [Control Panel] → [Sounds and Audio Devices] → [Voice]. Make sure that something other than "mLAN Audio Out 01" is selected for the "Voice playback" setting.
- 2 Select [Start] (→ [Settings]) → [Control Panel] → [Sounds and Audio Devices] → [Audio]. Make sure that something other than "mLAN Audio Out 01" is selected for the "Sound playback" setting.
- 3 Select [Start] (→ [Settings]) → [Control Panel] → [Sounds and Audio Devices] → [Audio], then select any option other than the items from "mLAN MIDI OUT" through "mLAN MIDI OUT (16)" for the "MIDI Music Playback" setting.

Updating the software

Here's how to update the old version of mLAN Tools 2.0/mLAN Applications you're currently using to the new version. If you're installing mLAN Tools 2.0/mLAN Applications for YAMAHA for the first time, refer to [page 4](#).

You must use the following procedure to update mLAN Tools 2.0/mLAN Applications for YAMAHA.



① Check the version of mLAN Applications for YAMAHA

Click [Start] (→ [Settings]) → [Control Panel] → [Add or Remove Programs] → [Change or Remove Programs]. From the list of installed programs, select “mLAN Applications for YAMAHA.”

Click the “Click here for support information” item that appears, and note the version that is shown in the Support Info dialog box. If the version of mLAN Applications for YAMAHA is V1.5.5, you don't need to update.



If the list of installed programs shows “YAMAHA Install mLAN for 01X” instead of “mLAN Applications for YAMAHA,” you have version V1.3 or earlier.

② Back up your connections

You'll need to re-make connection settings after updating.

You can re-make the connection settings either by making the settings once again in mLAN Auto Connector, or by loading a data file in mLAN Graphic Patchbay.

If you want to do this by loading a data file in mLAN Graphic Patchbay, you'll need to save the settings as a file (*.ymp) or template file (*.ymt) from the [File] menu of mLAN Graphic Patchbay before you perform the update.

③ Update your hardware

If you're using the 01X, i88X, or mLAN16E, you may need to update your hardware. Update your hardware if necessary. Refer to [page 6](#) for details.

④ Uninstall the old version of the software

Remove the old version of your software. Refer to [page 8](#) for details.



The names that appear will differ depending on the version you're using.

You must remove the software in the order of 1 and then 2, as shown below.

If you're using V1.3 or earlier

- 1) Uninstall YAMAHA Install mLAN for 01X.
- 2) Uninstall mLAN Tools 2.0.

If you're using V1.4.1 or later

- 1) Uninstall mLAN Applications for YAMAHA.
- 2) Uninstall mLAN Tools 2.0.

⑤ Prepare to install

Make the preparations that are required for the installation. Refer to [page 4](#) for details.

⑥ Install the new version of the software

Start up the installer for the new version of the mLAN software. Refer to [page 5](#) for details.

⑦ Restore your connections

Either re-make your connection settings manually in mLAN Auto Connector, or use the mLAN Graphic Patchbay [File] menu to load the file you saved in step ②.