

Mimaki Driver Installation Guide

This document provides explanation on installation method of Mimaki driver required to use our inkjet printer/cutting plotter.






Mimaki driver is required to connect with IEEE1394 or USB. If you connect with other than that interface, this driver is not required to be installed.

Before installation, be sure to fully understand the contents of this document.

Cautions

- It is strictly prohibited to write or copy a part or whole of this document without our approval.
- It is strictly prohibited to copy this software to other disk (excluding the case for making backup) or to load on the memory for the purpose other than executing it.
- With the exception of what is provided for in the warranty provisions of Mimaki Engineering Co., Ltd., we do not assume any liability against the damages (including but not limited to the loss of profit, indirect damage, special damage or other monetary damages) arisen out of the use or failure to use of this product.

Precaution in Use

 Be sure to follow the items below:
<ul style="list-style-type: none">• Before removing USB memory etc. manufactured by other company from PC with turning power supply of printer/plotter ON, be sure to perform "Safely Remove Hardware".• When outputting data into multiple printers concurrently, transfer speed may slow down in some cases depending on the environment of your own. Use it by following the specification of your application.
 Do not perform the followings:
<ul style="list-style-type: none">• Inserting/pulling out cable or turning power ON/OFF of printer/plotter during driver installation• Inserting/pulling out cable or turning power ON/OFF of printer/plotter during data transmission• Shutdown of PC, transition operation to reboot, sleep, suspend or hibernation state during data transmission• Inserting/pulling out cable connecting printer/plotter with the status of suspend, sleep or hibernation state of PC
 Do not use under the following environment (when connecting with USB):
<ul style="list-style-type: none">• Connecting printer/plotter using cable not supporting USB2.0Hi-Speed• Using a PC of your own making or remodeled by yourself• Extending 25m or more length using extension cable/hub. However, even a cable/hub less than 25m cannot transfer data correctly in some cases. In this case, do not use the extension cable/hub.
 Do not use under the following environment (when connecting with IEEE1394):
<ul style="list-style-type: none">• Connecting multiple printers/plotters to one IEEE1394 extended board (or extended card)• Connecting multiple PCs• Connecting IEEE1394 device to other than printer/plotter• Using IEEE1394 cable longer than 4.5m• Using a PC of your own making or remodeled by yourself
 Restrictions:
<ul style="list-style-type: none">• When extension cable/hub is used, data transition cannot be performed normally in some cases. Do not use extension cable/hub as much as possible.

System Requirements

System Requirements

The following conditions are required to use Mimaki driver.

Computer	Windows PC with built-in IEEE1394 port or USB2.0 port
OS	Microsoft® Windows® 2000 Professional (service pack 4 and later) Microsoft® Windows® XP* ¹ (service pack 2 and later) 32-bit only Microsoft® Windows Vista®* ¹ 32-bit / 64-bit* ² Microsoft® Windows® 7* ³ 32-bit / 64-bit* ² Microsoft® Windows Server® 2003* ⁴ 32-bit only
CPU / Chip set	Recommended environment of used OS and higher (Intel genuine products recommended)
Memory	Recommended environment of used OS and higher
Printer / Plotter	Mimaki inkjet printers / cutting plotters with USB or IEEE1394 interface
Multiple printer / plotter connection* ³	1 to 4 * ⁵ * ⁶
Recommended cable	USB: Mimaki USB2.0 cable (OPT-J0137) IEEE1394: Mimaki IEEE1394 cable (OPT-J0035)

*1 : Windows Vista Starter edition is not supported.

*2 : Excluding Intel Itanium processor. When using 64-bit OS, shall be CPU supporting 64-bit.

*3 : Windows 7 Starter edition and HomeBasic edition are not supported.

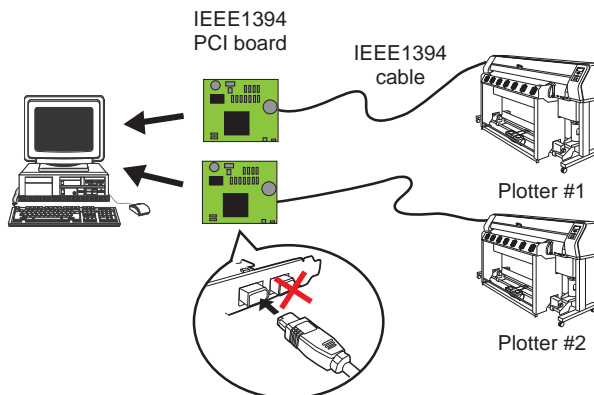
*4 : Only when connecting USB2.0 interface

*5 : When connecting multiple printers / plotters to one PC, application also must support multiple printers / plotters connection. About system requirements when connecting multiple printers / plotters, confirm the specification of your application.

*6 : When connecting with IEEE1394, number of PCs to be connected may be limited depending on number of IEEE1394 extended boards (or IEEE1394 extended cards) which can be mounted on your PC. And some types of IEEE1394 extended boards (or IEEE1394 extended cards) do not work correctly.

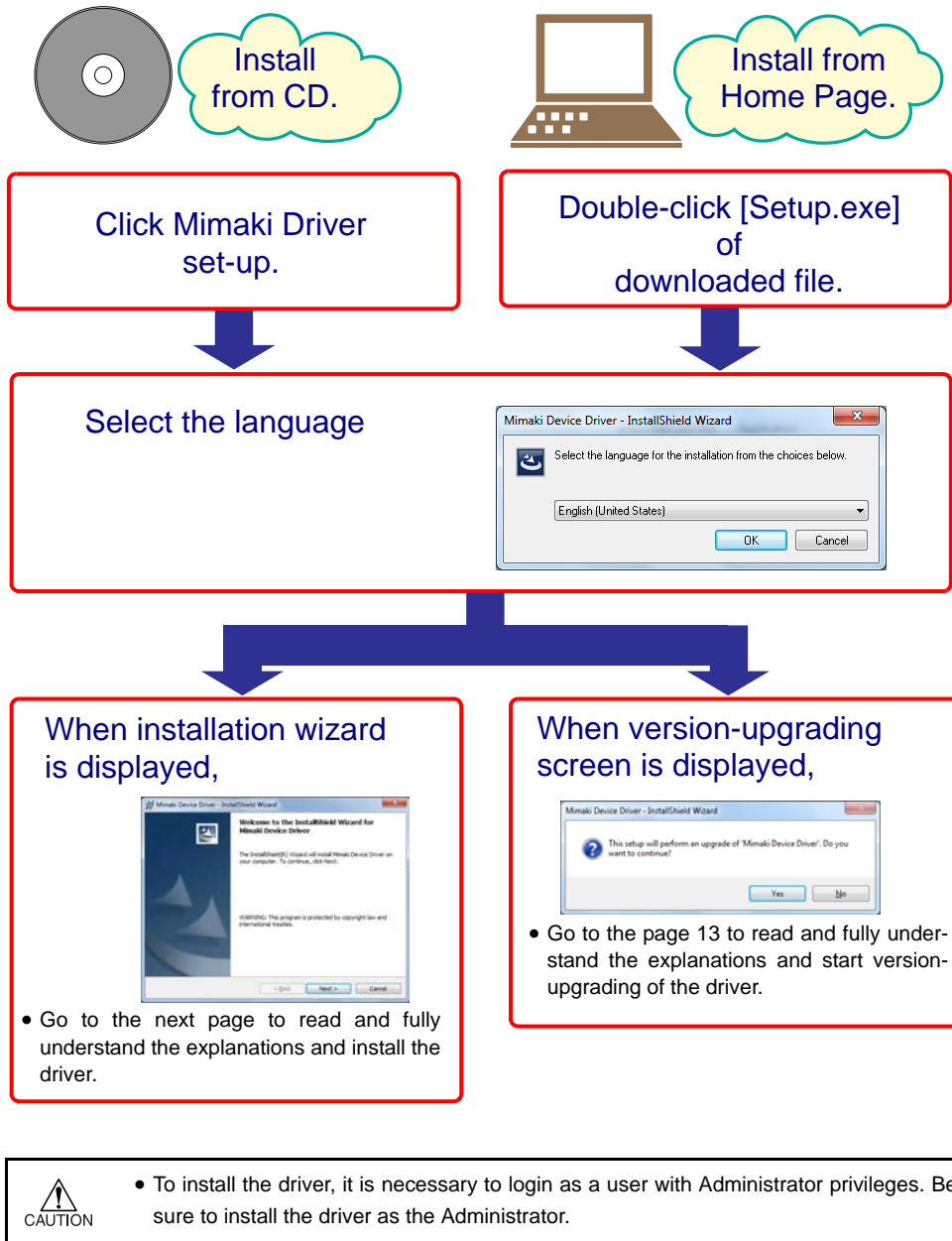
Multiple plotter connection figure with IEEE1394

Even with IEEE1394 board with multiple ports, you can connect printer to only one port.



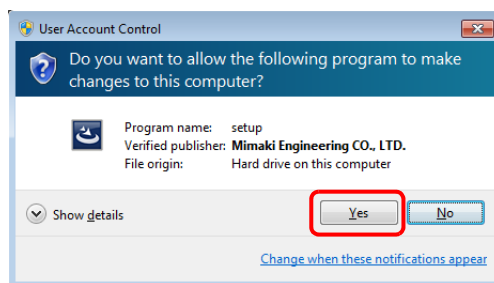
When connecting multiple printers to one PC, IEEE1394 boards for each printer are required.

Installation flow



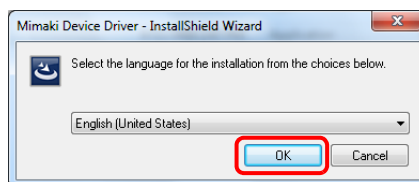
Installation procedure

- 1 Remove the cable connecting PC to the printer / plotter.**
 - Keep the cable unconnected during installation. Otherwise, the installation cannot be completed properly.
- 2 Insert the CD-ROM in the disk drive and click **Mimaki Driver Setup** on the activated menu screen.**
 - When you downloaded from the Home Page, double-click [Setup.exe].
- 3 Windows Vista or Windows 7 displays the User Account Control screen. Check that the issuer is Mimaki and click **Yes**.**

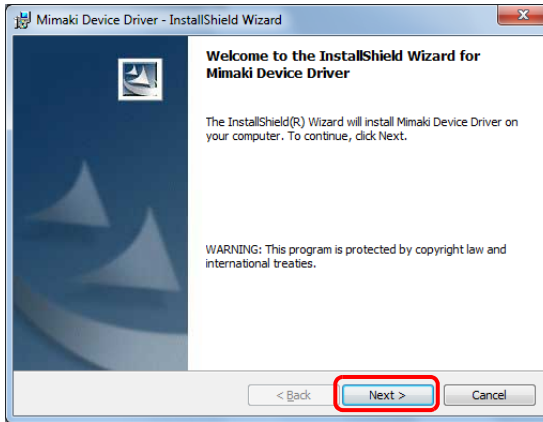


- You may be asked to enter the Administrator password. In this case, enter the Administrator password and go on to the next step.
- When you use Windows XP or Windows 2000, this screen is not displayed. Go to the Step 4.

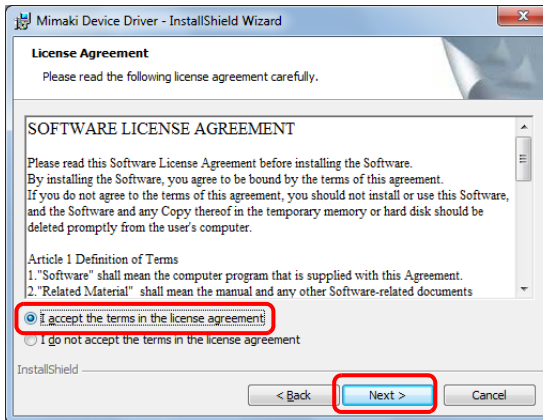
- 4 Select the language to use and click **OK**.**



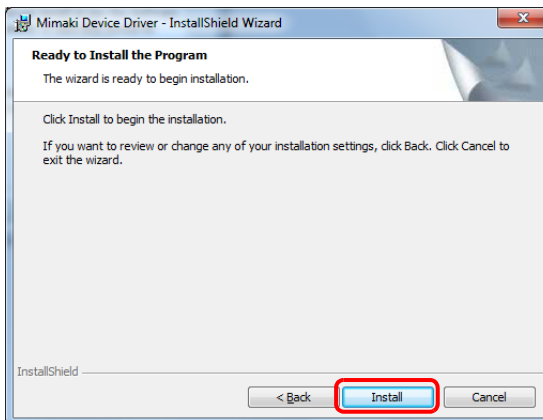
5 Install wizard activates. Click **Next.**



6 Software License Agreement screen appears. Read the agreement carefully, and check [I accept the terms in the license agreement] to agree the agreement. Click **Next.**

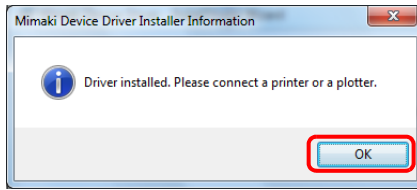


7 Click **Install to start installation.**



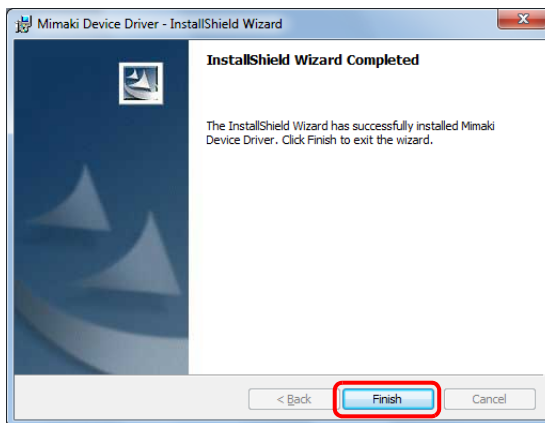
8 Installation is completed.

Click .



9 The completion screen is displayed.

Click .



10 Connect the printer / plotter to PC with a cable.

- For details of connecting procedures, refer to the Operation Manual of the printer / plotter.

Confirming installation

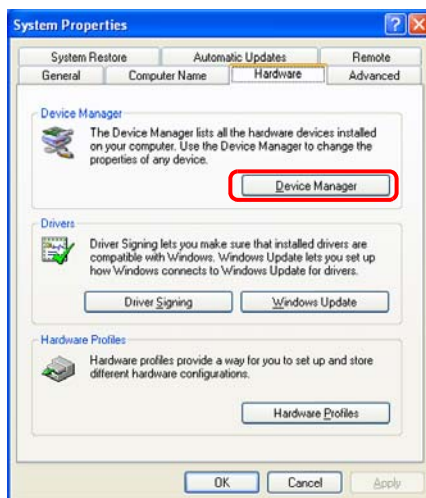
Confirm the driver was installed properly.



- When the printer / plotter is not connected, the device cannot be recognized. Connect the printer / plotter with the cable before confirming installation.

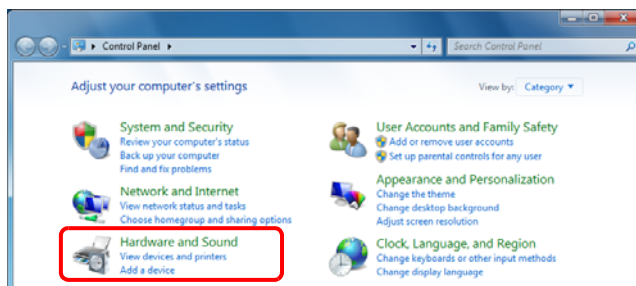
1 Start Device Manager.

- **Windows 2000, XP, and 2003 Server**
Activate [Properties] by right click on the [My computer].
Alternatively, activate [System] from [Control Panel].
Select [Hardware] tab and click [Device Manager].

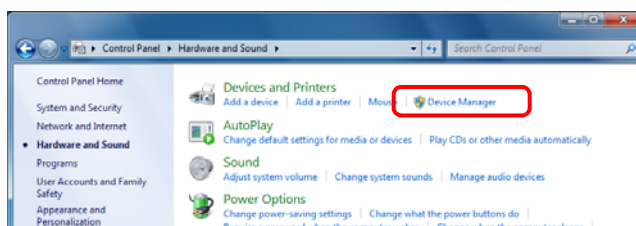


* This is a screen of Windows XP service pack 2.

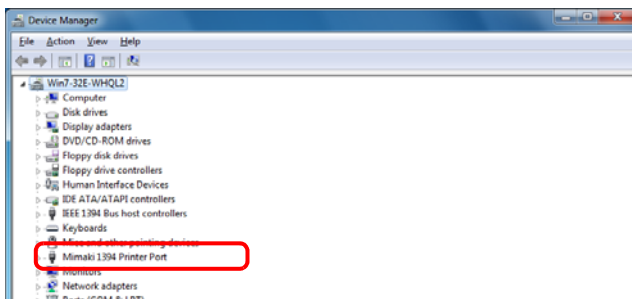
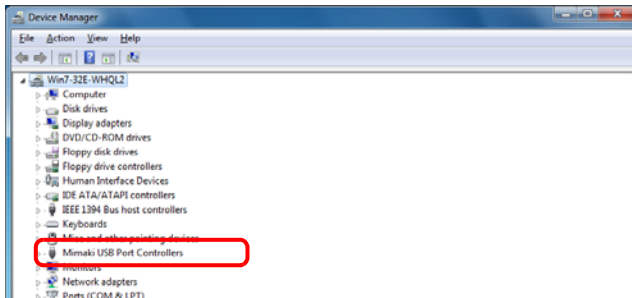
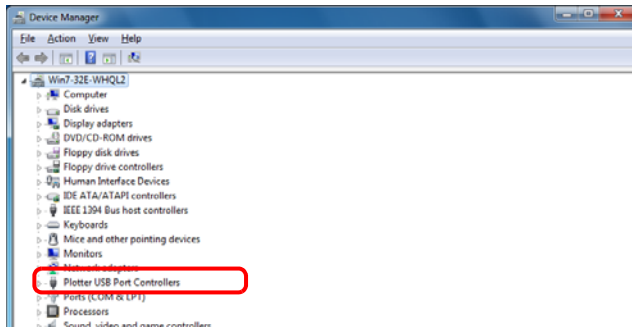
- **Windows Vista and 7**
(1) Click [Control Panel] - [Hardware and Sound].



- (2) Click [Device Manager].



2 Confirm either of “Plotter USB Port Controllers”, “Mimaki USB Port Controllers”, or “Mimaki 1394 Printer Port” is displayed in the device list.



CAUTION

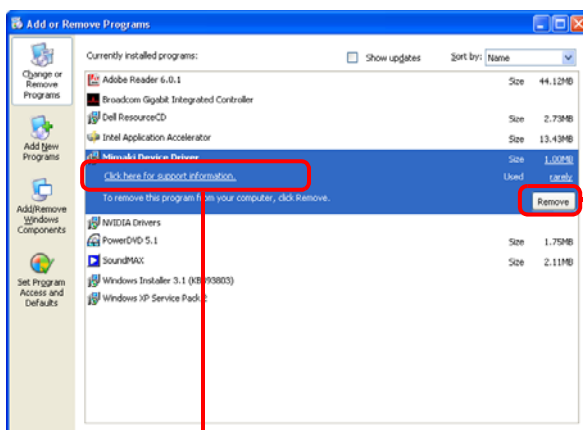
- If the device above is not displayed or a caution mark is displayed, installation has not been completed properly. Confirm the following items:
 - Referring to [Precaution in Use] of P.2, confirm the status of PC again and then perform installation.
 - Make sure that the cable between PC and printer / plotter is securely connected.
 - Reboot the PC.
 - Uninstall the driver (→ P.10), and then install it again.

If the driver is not displayed even if you confirm the above items, please call your local distributor for services.

Uninstalling the driver / Confirming the version

Windows 2000, XP, 2003 Server

- 1 Remove the cable connecting PC with the printer / plotter.**
 - When you confirm the version, the cable is not required to be removed.
- 2 Select [Control Panel] from the Start Menu.**
- 3 Select [Add or Remove Programs] → [Mimaki Device Driver].**
 - In the case of Windows 2000, double-click [Add/Remove Applications], and then select [Mimaki Device Driver].



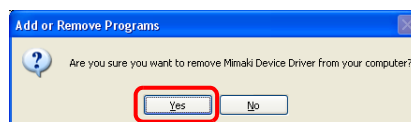
• When you confirm the information

→ Click [Click here for support information].



Version information

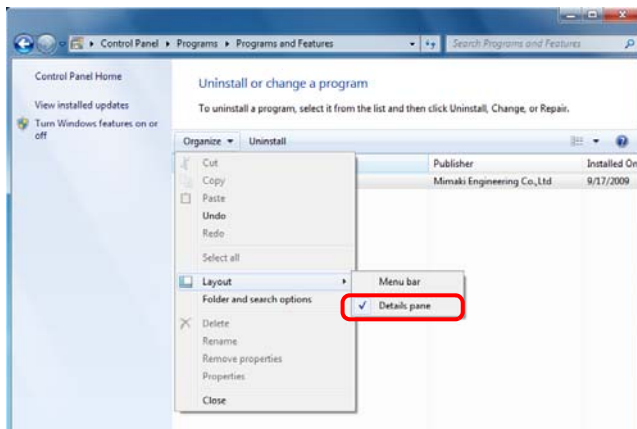
• When you uninstall → Click [Remove].



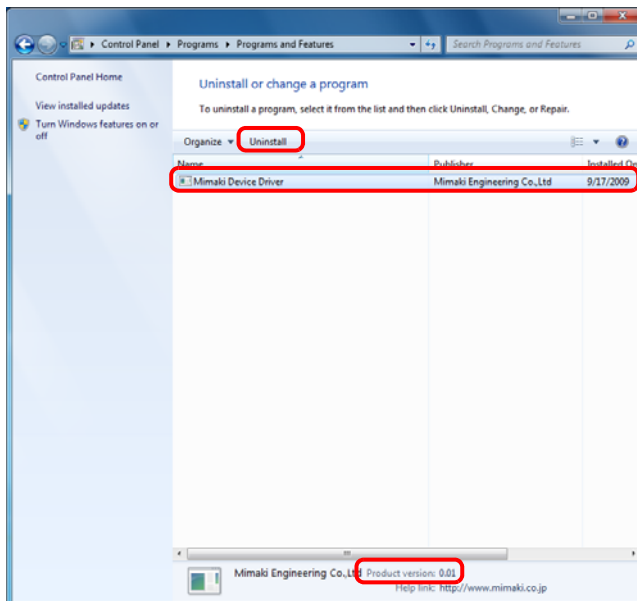
When this removal confirmation screen is displayed, click [Yes].

Windows Vista, 7

- 1 Remove the cable connecting PC with the printer / plotter.**
 - When you confirm the version, the cable is not required to be removed.
- 2 Select [Control Panel] from the Start Menu.**
- 3 Click [Uninstall a program].**
- 4 If [Details Pane] is not displayed, click [Organize] - [Layout] - [Details pane] to display [Details Pane].**

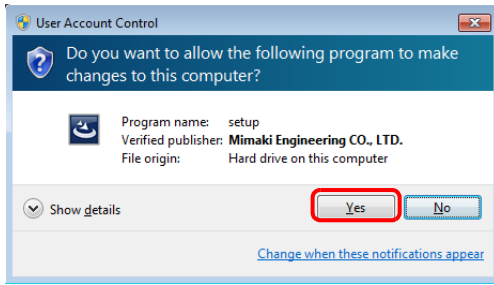


- 5 Select [Mimaki Device Driver], then click [Uninstall].**

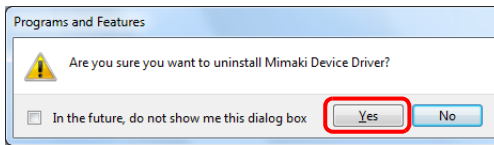


- See [Product version] in the lower right of the screen to confirm the version of the driver.
If the version is not displayed, increase the size of the window.

6 User Account Control is displayed. Click **Yes**.

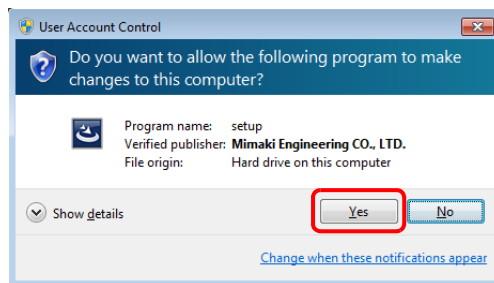


7 Click **Yes**.



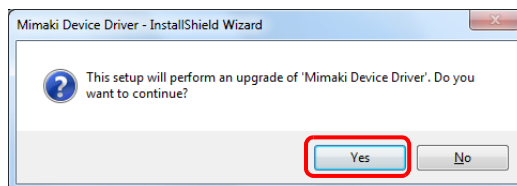
Upgrading the driver

- 1** Access to Mimaki Engineering's Home Page and download the Mimaki driver from the download page to your PC.
- 2** Disconnect the cable if the printer / plotter and the PC are connected with the cable.
- 3** Double-click the downloaded file to decompress.
Once decompressed, "mkdriver_v***" folder is created.
 - [***] indicates the version of the driver.
- 4** Double-click the "setup.exe" in "mkdriver_v***".
- 5** Windows Vista and Windows 7 displays the User Account Control screen. Check that the issuer is Mimaki and click .

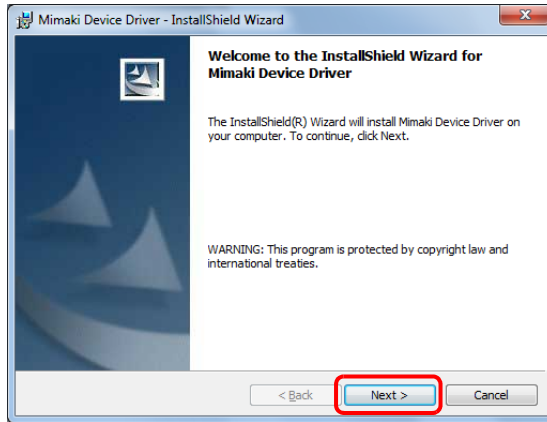


- You may be asked to enter the Administrator password. In this case, enter the Administrator password and go on to the next step.
- When you use Windows XP or Windows 2000, this screen is not displayed. Go to the Step 6.

- 6** Confirmation screen of version upgrading appears. Click .

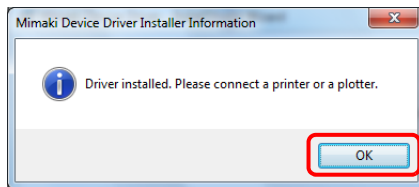


7 Installation wizard is displayed. Click Next.



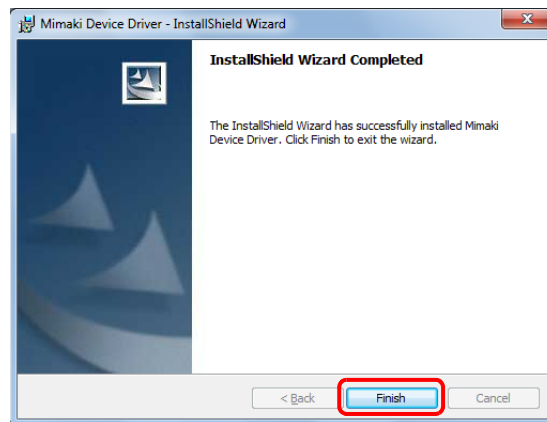
8 Installation is completed.

Click OK.



9 Completion screen is displayed.

Click Finish.



10 Connect printer / plotter with PC using the cable.

- For details of the connecting procedures, refer to the Operation Manual of the printer / plotter.

• If you wish to confirm installation was completed normally, please refer to page 8.

