

# USB2.0 Driver Installation Guide

This guide describes on the USB2.0 driver installation in use of the inkjet plotter.  
To use a USB2.0 interface, USB2.0 driver installation is required.  
Read this guide carefully before installing the USB2.0 driver.

The method of installation differs according to the operating system of the computer. Refer to the page explaining how to install the driver in your operating system.

**Windows 2000/XP**

→ **P.3**



**Windows Vista**

→ **P.15**

## Notes

- Do not copy this manual in whole or parts in any form without prior approval from Mimaki.
- Do not copy this software to any other disk for the purpose of other than making a backup disk or load it in memory for the purpose of other than execution.
- Except for the damages prescribed in Warranty Notes of Mimaki Engineering Co., Ltd., Mimaki Engineering Co., Ltd. assumes no responsibility for effects (including loss of income, indirect damages, special damages, or other financial damages) resulting from the use or non-use of the product.

## Precaution in Use

|  |
|--|
|  <b>Do not use the USB2.0 driver under the following environment</b>  |
| <ul style="list-style-type: none"><li>• Plotter connection with the cable not supporting USB2.0 Hi-Speed</li><li>• Plotter connection with the extender USB board such as PCI board</li><li>• Plotter connection with the extender USB cable</li><li>• Plotter connection with the USB repeater cable</li><li>• Plotter connection with the USB hubs</li><li>• Use of the self-produced, or altered computer</li></ul>   |
|  <b>Never do the following performance</b>  |
| <ul style="list-style-type: none"><li>• Insert and remove a USB cable during the driver installation</li><li>• Insert and remove a USB cable during data transferring</li><li>• Insert and remove a USB cable in a short intervals</li><li>• Shutdown, reboot, suspend, sleep or hibernation during data transferring</li><li>• Insert and remove a USB cable during suspend, sleep or hibernation</li><li>• When remove a USB memory from computer with the plotter power ON status, be sure to execute "Safely Remove Hardware".</li></ul> |

# Driver Installation Guide for Windows 2000 / XP

## System Requirements

The following conditions are required to use USB2.0 driver.

|   |   |
|---|---|
| Computer                                  | IBM PC or compatible PC with built-in USB2.0 port (Hi-Speed).   |
| OS  | Microsoft® Windows® 2000 Professional (service pack 4 or later)<br>Microsoft® Windows® XP <sup>*1</sup> Professional / Home Edition (service pack1 or later)<br>Microsoft® Windows® Server 2003 <sup>*1</sup> Standard Edition (service pack1 or later) |
| CPU                                       | PentiumIII 1GHz and above <sup>*2</sup>   |
| Memory                                    | 256MB and above <sup>*2</sup>   |
| Plotter                                   | All types of Mimaki inkjet plotters with USB2.0 interface.  |
| Multiple plotter connection <sup>*3</sup> | 1 to 4 units <sup>*4</sup>  |

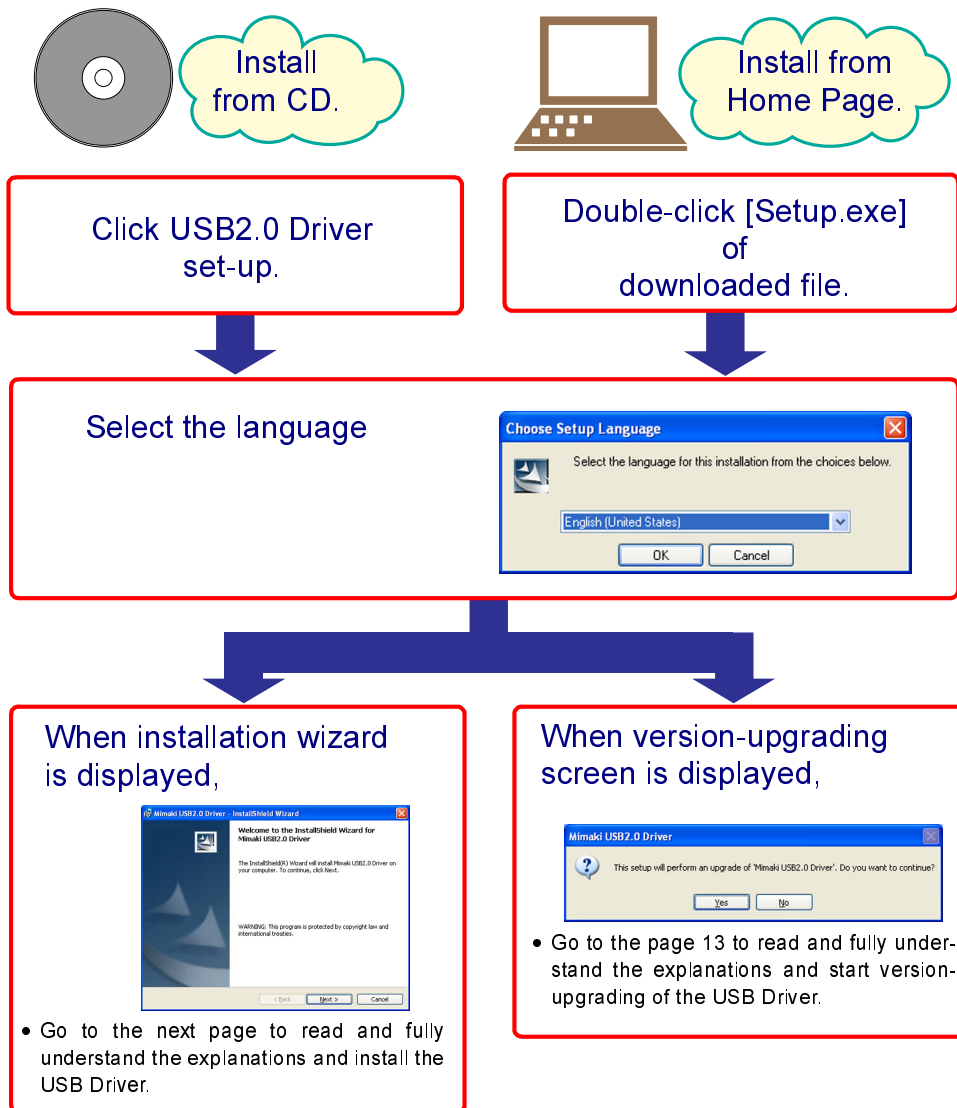
\*1 : 64 bitOS (x64 Edition) is not supported.

\*2 : Depending on the system environment, data output may not obtain sufficient performance.  
In this case, confirm the specification of application.

\*3 : The number of plotters to be connected to one computer.

\*4 : To connect multiple plotters to one computer, application must support the multiple plotter connection. Confirm the application specification of multiple plotter connection system requirements.

## Installation flow



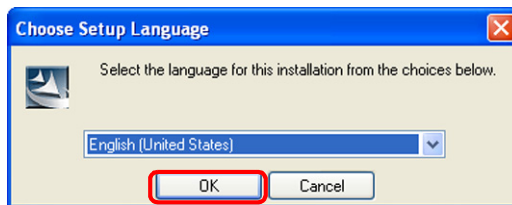
## Installation procedure

- Installation procedure differs between Windows XP/ Windows Server 2003, and Windows 2000.

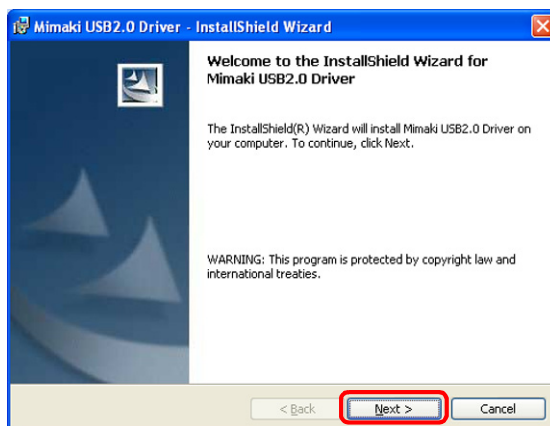
(In the case of Windows XP or Windows Server 2003, additional installation procedures are required after connecting the plotter.( → P.8))

- 1 Remove a USB cable that connects plotter and computer.**
  - Keep the USB cable unconnected during installation to complete the installation properly.
- 2 Insert the CD-ROM in the disk drive and click USB2.0 Driver Setup in the activated menu screen.**
  - When you downloaded from the Home Page, double-click [Setup.exe].

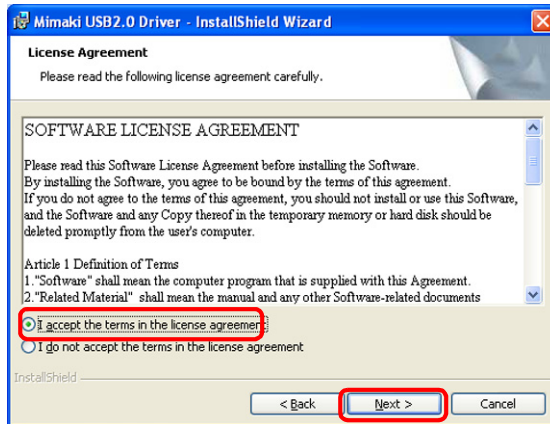
- 3 Select the language and click OK .**



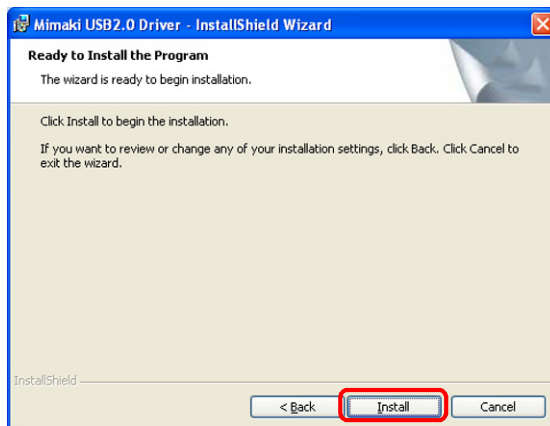
- 4 Install wizard activates. Click Next .**



- 5 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] .**

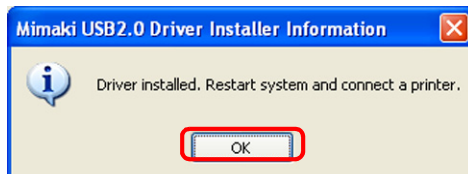


- 6 Click [Install] to start installation.**



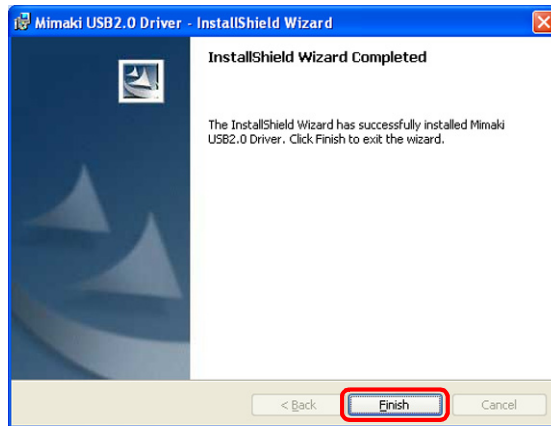
Click [Cancel] to stop installation.

- 7 Installation completes.**



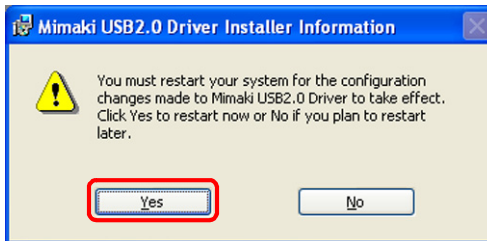
Click [OK] .

## 8 Completion screen appears.



Click **Finish**.

## 9 Click **Yes** to restart system.



## 10 Connect a plotter and a computer with a USB cable.

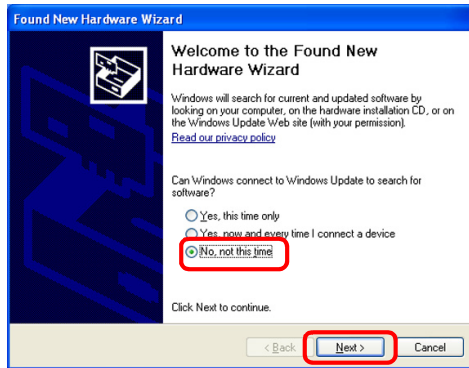
- For details of the connecting procedures, refer to the Operation Manual of the plotter.

- If you are the user of Windows 2000, installation is completed here. To confirm if the installation is completed properly, refer to page 11.
- If you are the user of Windows XP or Windows Server 2003, go to the next page to complete the procedures.

If you are the user of Windows XP or Windows Server 2003, the following procedures are required.

- When you re-connect or replace the USB cable on the computer side, "Found New Hardware" screen could appear. In such a case, take the following steps.

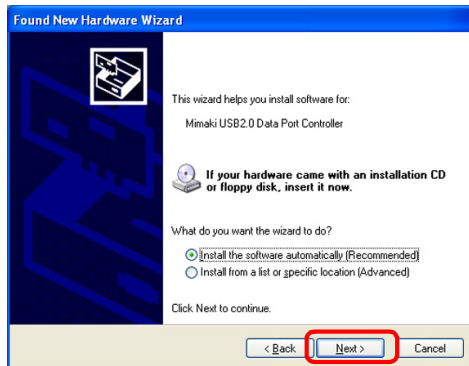
## 11 The following screen appears when connecting a plotter.



← This screen will not appear if your Operation system is Windows XP Service Pack 1.  
In that case Go to Step 12.

Select [No. not this time] and Click [Next].

## 12 Click [Next]. Starts the installation automatically.

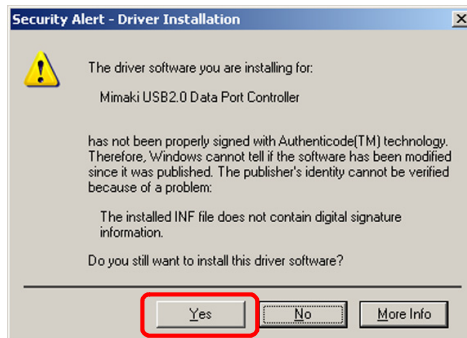


Select [Next].

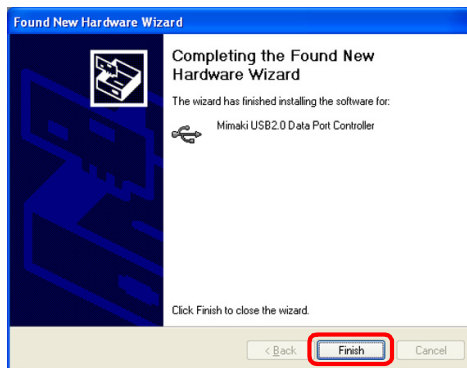


## For Windows Server 2003 Users;

Security Alert screen appears. Click **Yes**.



## 13 Completes the installation.



Click **Finish**.

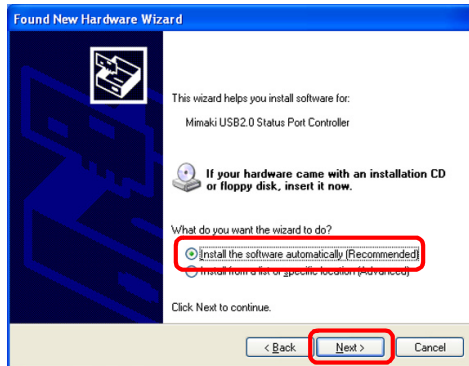
## 14 Found New Hardware Wizard of status driver appears.



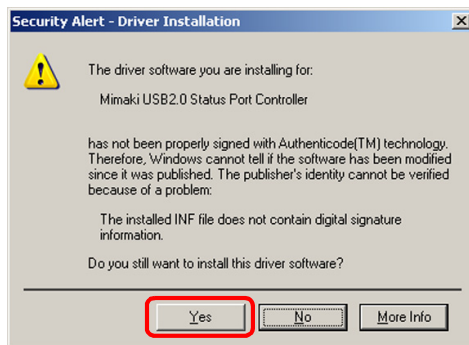
← This screen will not appear if your Operation system is Windows XP Service Pack 1. In that case Go to Step 15.

Select [No. not this time] and click **Next**.

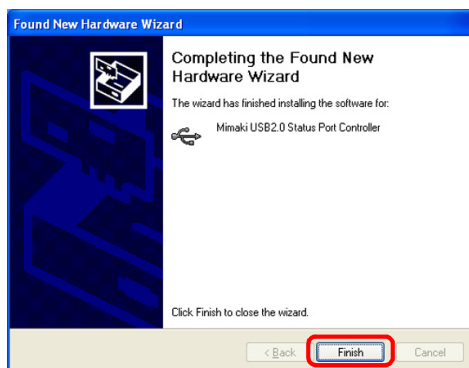
**15** Click **Next** . Starts the installation automatically.



**For Windows Server 2003 Users;**  
Security Alert screen appears. Click **Yes**.



**16** Completes the installation.



Click **Finish** .

- When you wish to confirm if the installation is completed properly, please refer to next page.

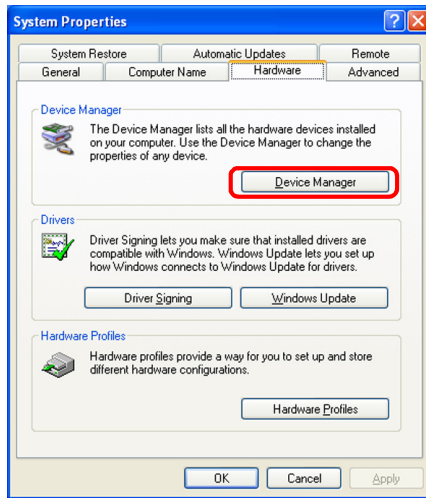
## Confirm the installation

Confirm the installed USB driver.



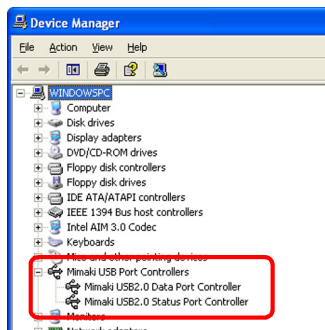
- In case a plotter is not connected, the device cannot be recognized.  
Connect a plotter with a USB cable before confirming the installation.

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



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

- 2 **Confirm “Mimaki USB2.0 Data Port Controller” and “Mimaki USB2.0 Status Port Controller” are displayed under the “Mimaki USB Port Controllers”.**

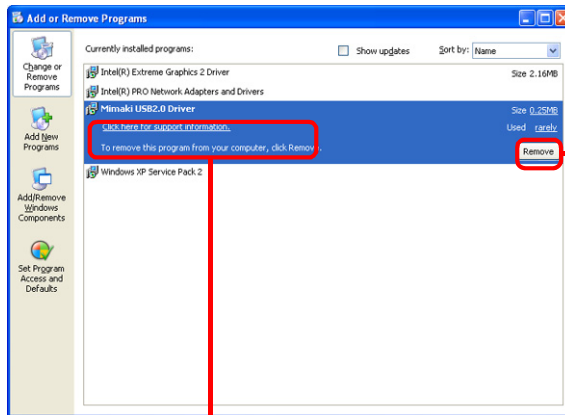


- When the device is not appeared or a caution mark appears on the screen, the installation has not been completed properly. Confirm the following items.
  - Confirm the status of computer referring to [Precaution in Use] of P.2. and then re-perform installation.
  - Make sure that the cables of computer and plotter are securely connected.
  - Reboot the computer.
  - After uninstalling the driver( → P.12), try again the installation.

In case the device is not appeared even if confirming the above, please call your local distributor for services.

## Uninstalling the driver / Confirming the version

- 1 Remove a USB cable that connects plotter and computer.**
  - 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 USB2.0 Driver].**
  - In the case of Windows 2000, double-click [Add/Remove Hardware], and then select [Mimaki USB2.0 Driver].



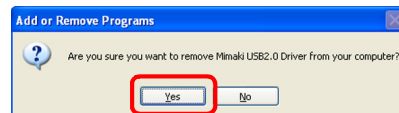
• **When you confirm the information**

→ Click [Click here for support information].



Version information

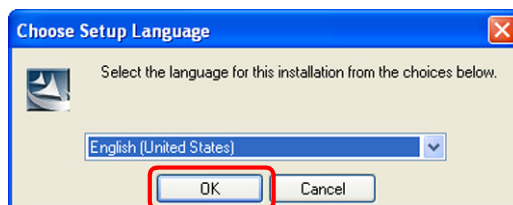
• **When you uninstall** → Click **Close**.



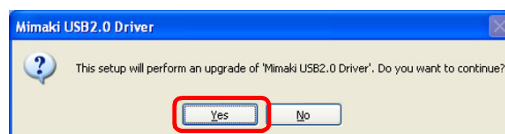
When this removal confirmation screen is displayed, click **Yes**.

## Upgrading the driver

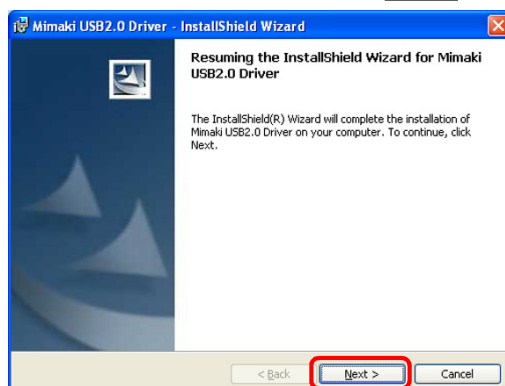
- 1 Make access to Mimaki Engineering's Home Page (<http://www.mimaki.co.jp/english/top/index.php>) and display the down-loading page of USB2.0 driver.**
  - The down-loading page displays the version information, renewal date, name of the file to be downloaded.
- 2 Download the file to your computer.**
  - The file with the same name as described in [File name] in downloading page will be downloaded.
- 3 Double-click the downloaded file to decompress.**
- 4 Disconnect the cable if the plotter and the computer are connected with the USB cable.**
- 5 Double-click [Setup.exe] in [usb20\_v\*\*\*].**
  - [\*\*\*] indicates USB2.0 driver's version.
- 6 Select the language and click .**



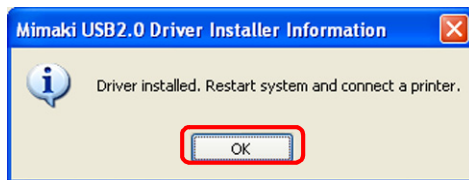
- 7 Confirmation screen of version upgrading appears. Click .**



- 8 Install wizard activates. Click .**

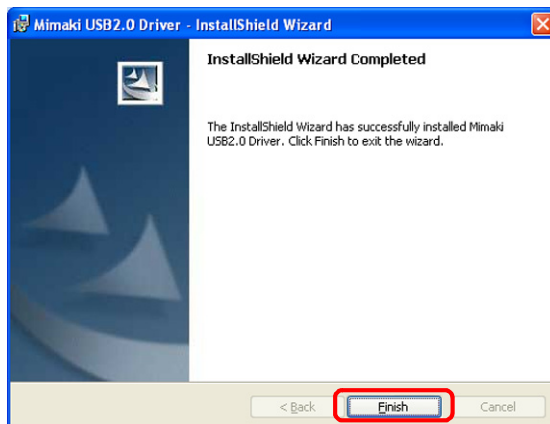


## 9 Installation completes.



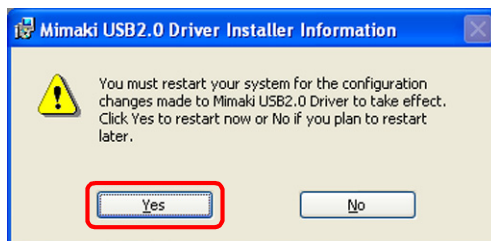
Click .

## 10 Completion screen is displayed.



Click .

## 11 Click to restart system.



## 12 Connect a plotter and a computer with a USB cable.

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

- If you are the user of Windows 2000, installation is completed here. When you wish to confirm if the installation is completed properly, please refer to page 11.
- If you are the user of Windows XP, or Windows Server2003, go to the page 8 to complete the procedures.

# Driver Installation Guide for Windows Vista

## System Requirements

The following conditions are required to use USB2.0 driver.

|                                  |  |
|----------------------------------|--|
| Computer                         | IBM PC or compatible PC with built-in USB2.0 port (Hi-Speed).  |
| OS                               | Microsoft® Windows Vista™ Home Basic (32bit/64bit) /<br>Home Premium (32bit/64bit) / Business (32bit/64bit) /<br>Enterprise (32bit/64bit) / Ultimate (32bit/64bit) |
| CPU                              | Intel/AMD CPU 1GHz and above*1 *2  |
| Memory                           | 512MB and above (Home Basic), 1GB and above (other than Home Basic)*2  |
| Plotter                          | All types of Mimaki inkjet plotters with USB2.0 interface.   |
| Multiple plotter<br>connection*3 | 1 to 4 units*4   |

\*1 : Except the Intel Itanium processor.

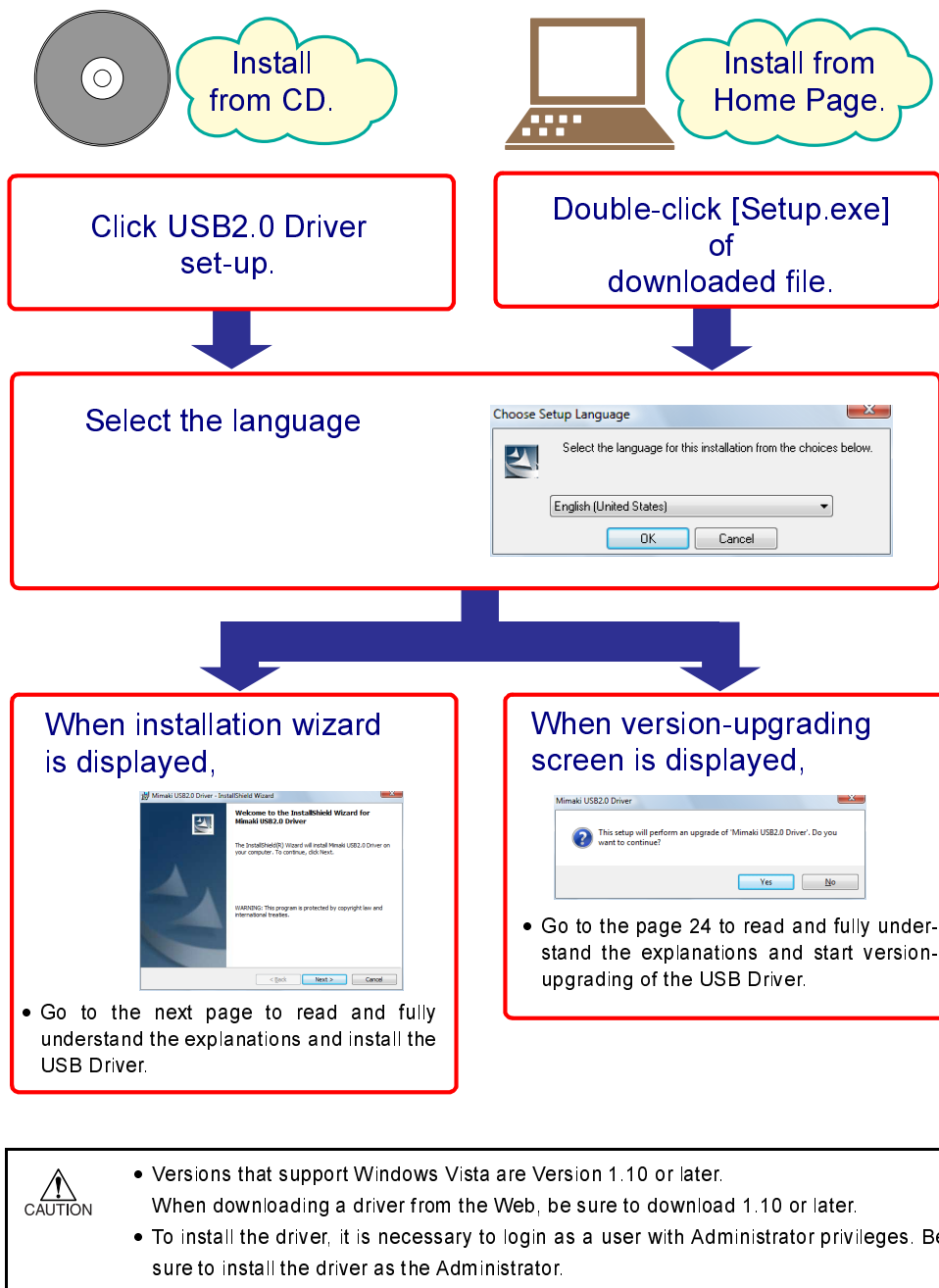
A CPU with 64-bit support when using a 64-bit operating system.

\*2 : Depending on the system environment, data output may not obtain sufficient performance.  
In this case, confirm the specification of application.

\*3 : The number of plotters to be connected to one computer.

\*4 : To connect multiple plotters to one computer, application must support the multiple plotter connection. Confirm the application specification of multiple plotter connection system requirements.

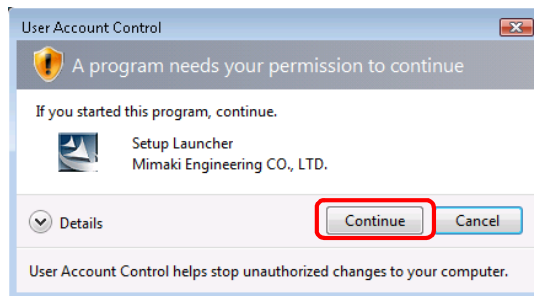
## Installation flow





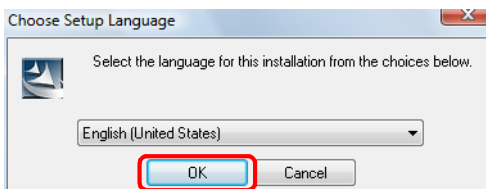
## Installation procedure

- 1 Remove a USB cable that connects plotter and computer.**
  - Keep the USB cable unconnected during installation to complete the installation properly.
- 2 Insert the CD-ROM in the disk drive and click **USB2.0 Driver Setup** in the activated menu screen.**
  - When you downloaded from the Home Page, double-click [Setup.exe].
- 3 Display the User Account Control screen. Check that the issuer is Mimaki and click **Continue**.**

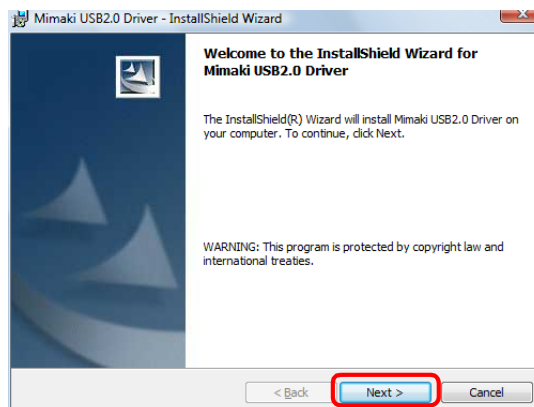


- You may be asked to enter the Administrator password. In this case, enter the Administrator password and go on to the next step.

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



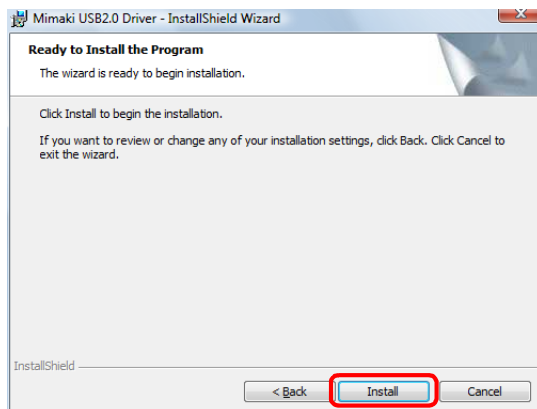
- 5 Install wizard activates. Click **Next**.**



- 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] .**

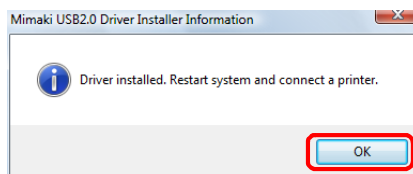


- 7 Click [Install] to start installation.**



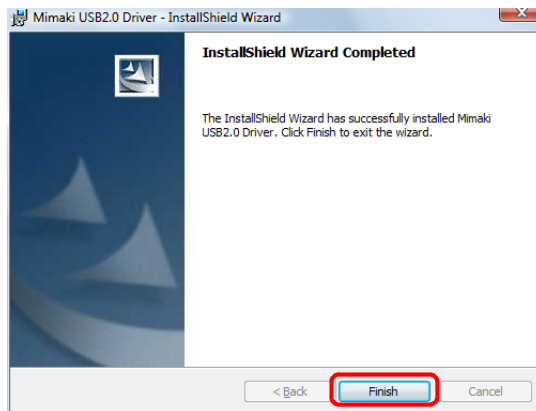
Click [Cancel] to stop installation.

- 8 Installation completes.**



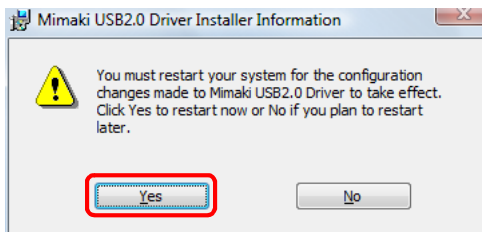
Click [OK] .

## 9 Completion screen appears.



Click **Finish**.

## 10 Click **Yes** to restart system.



## 11 Connect a plotter and a computer with a USB cable.

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

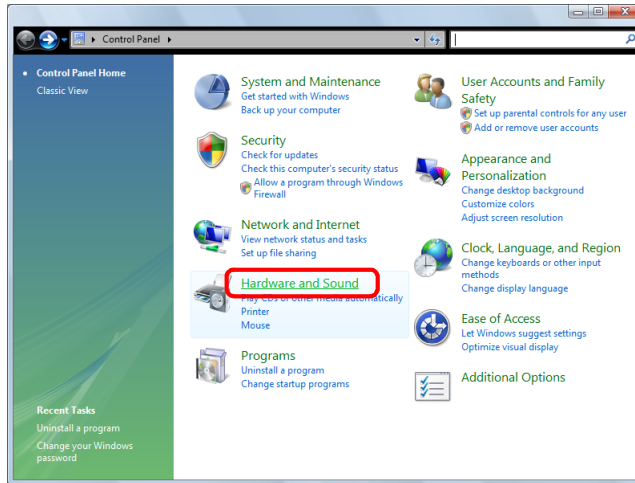
## Confirm the installation

Confirm the installed USB driver.

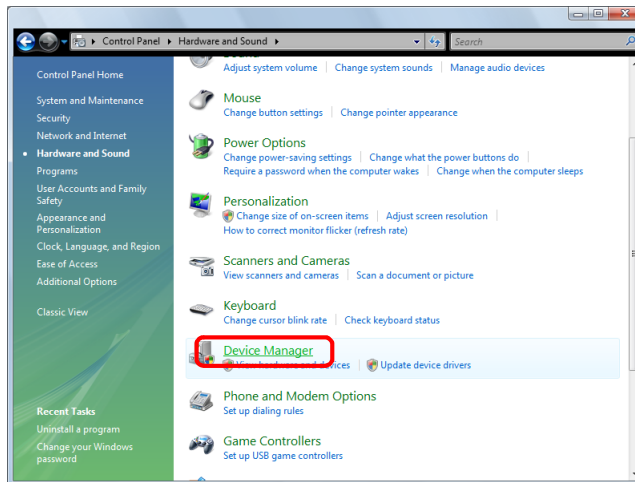


- In case a plotter is not connected, the device cannot be recognized.  
Connect a plotter with a USB cable before confirming the installation.

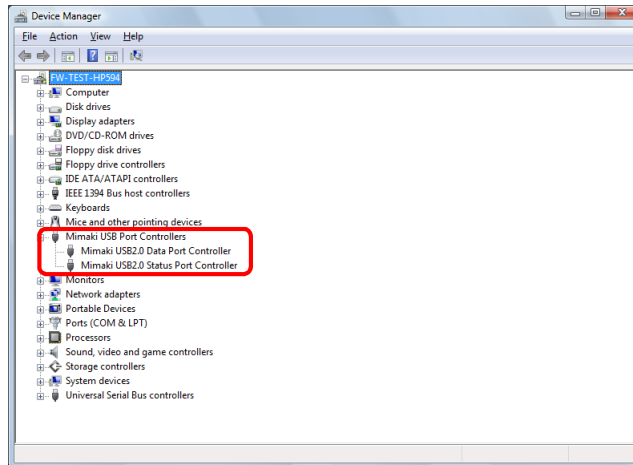
### 1 Click [Control Panel] - [Hardware and Sound].



### 2 Click [Device Manager].



### 3 Confirm “Mimaki USB2.0 Data Port Controller” and “Mimaki USB2.0 Status Port Controller” are displayed under the “Mimaki USB Port Controllers”.

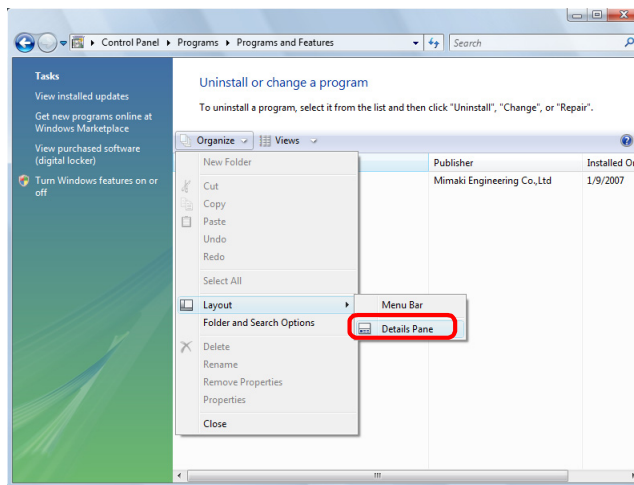


- When the device is not appeared or a caution mark appears on the screen, the installation has not been completed properly. Confirm the following items.
  - Confirm the status of computer referring to [Precaution in Use] of P.2. and then re-perform installation.
  - Make sure that the cables of computer and plotter are securely connected.
  - Reboot the computer.
  - After uninstalling the driver( → P.22), try again the installation.

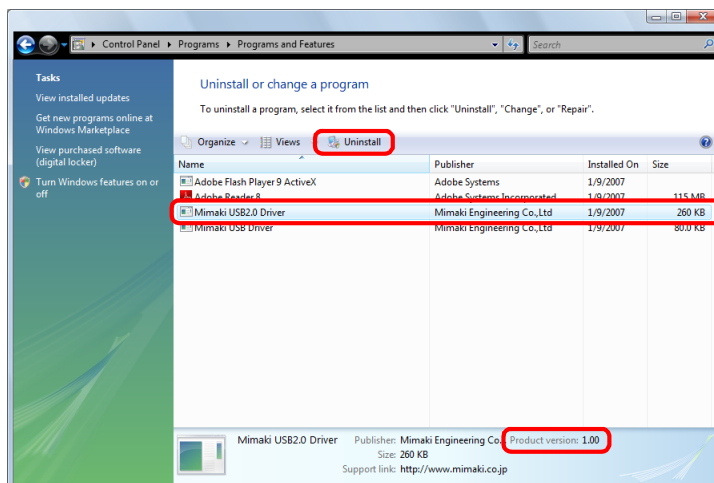
In case the device is not appeared even if confirming the above, please call your local distributor for services.

## Uninstalling the driver / Confirming the version

- 1 Remove a USB cable that connects plotter and computer.
  - 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].

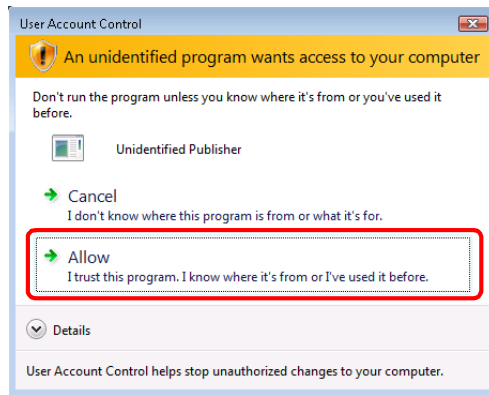


- 5 Select [Mimaki USB2.0 Driver], then click [Uninstall].

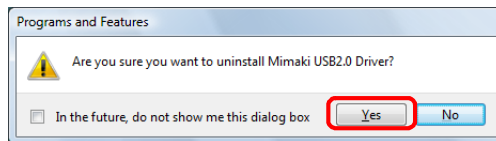


- See [Product version] in the lower right of the screen to confirm the version of the driver.  
If the version is not displayed, increase the size of the window.

## 6 User Account Control is displayed. Click **Allow**.

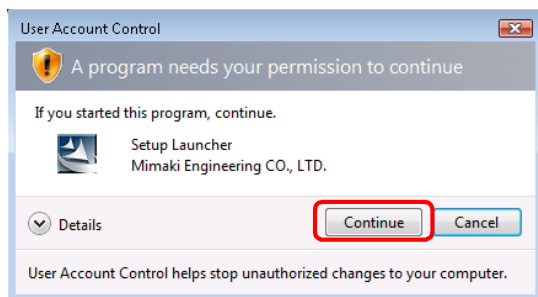


## 7 Click **Yes**.



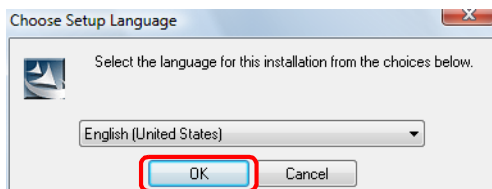
## Upgrading the driver

- 1 Make access to Mimaki Engineering's Home Page (<http://www.mimaki.co.jp/english/top/index.php>) and display the down-loading page of USB2.0 driver.**
  - The down-loading page displays the version information, renewal date, name of the file to be downloaded.
- 2 Download the file to your computer.**
  - The file with the same name as described in [File name] in downloading page will be downloaded.
- 3 Double-click the downloaded file to decompress.**
- 4 Disconnect the cable if the plotter and the computer are connected with the USB cable.**
- 5 Double-click [Setup.exe] in [usb20\_v\*\*\*].**
  - [\*\*\*] indicates USB2.0 driver's version.
- 6 Display the User Account Control screen. Check that the issuer is Mimaki and click Continue.**



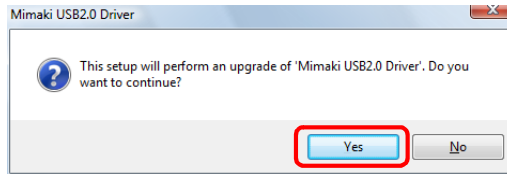
- You may be asked to enter the Administrator password. In this case, enter the Administrator password and go on to the next step.

- 7 Select the language and click OK.**

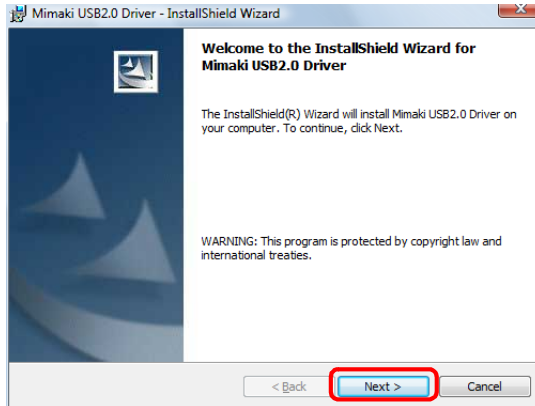




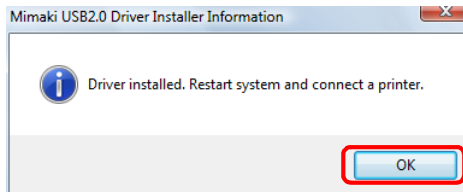
**8 Confirmation screen of version upgrading appears. Click Yes.**



**9 Install wizard activates. Click Next.**

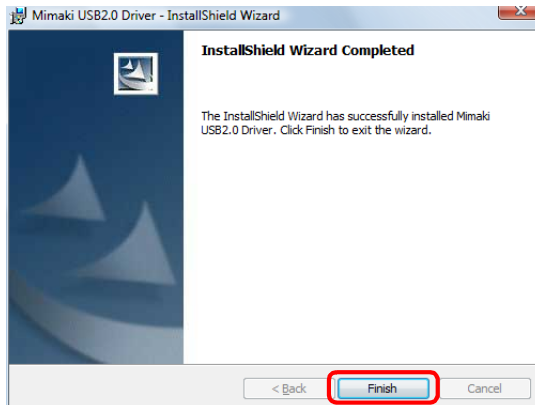


**10 Installation completes.**



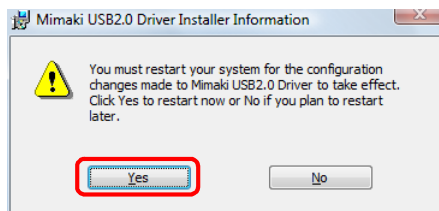
Click OK.

**11 Completion screen is displayed.**



Click Finish.

## 12 Click **Yes** to restart system.



## 13 Connect a plotter and a computer with a USB cable.

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

- When you wish to confirm if the installation is completed properly, please refer to page 20.



