Installing USB driver (Ver 1.0a) on Windows XP

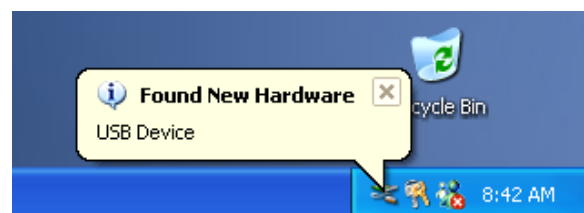4/2/2002, Technical center, Sigma Koki Inc.

Before installing

First, it is necessary to identify that ActiveX is installed on Windows XP of your PC.
Then, change the memory switch 15 INTERFACE of Mark series (202, 204) controller to USB before the installation.

(See the Mark 202, 204 User Guide)

USB driver installation procedure

1. Turn on the power switch of your computer and start Windows XP.

2. Connect Mark series (202,204) controller and USB interface of your computer by the USB cable.

3. Turning on the power switch of Mark series (202,204) controller will launch the "Found New Hardware Wizard". . (See the Figure below)

4. "Composite USB Device" will be identified for twice here. Complete the installation by following the instructions.
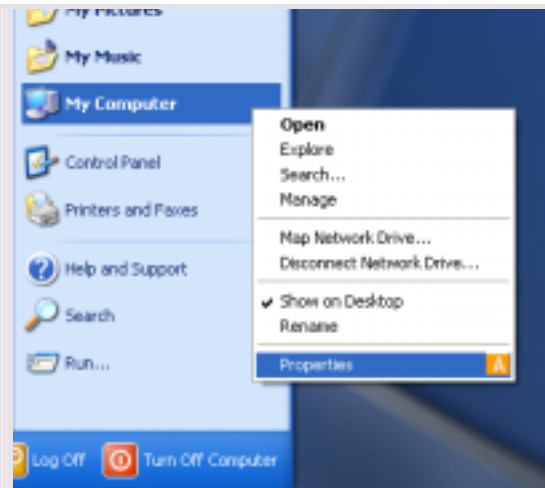

5 Change the original driver to SGUSB device driver

Right-click on the "**My Computer**" in a "start" button will launch the "**Properties**" menu bar and, then, click on "**Properties**".

The "**Properties**" menu launched by right clicking on the "**My Computer**" in a "**start**" menu.
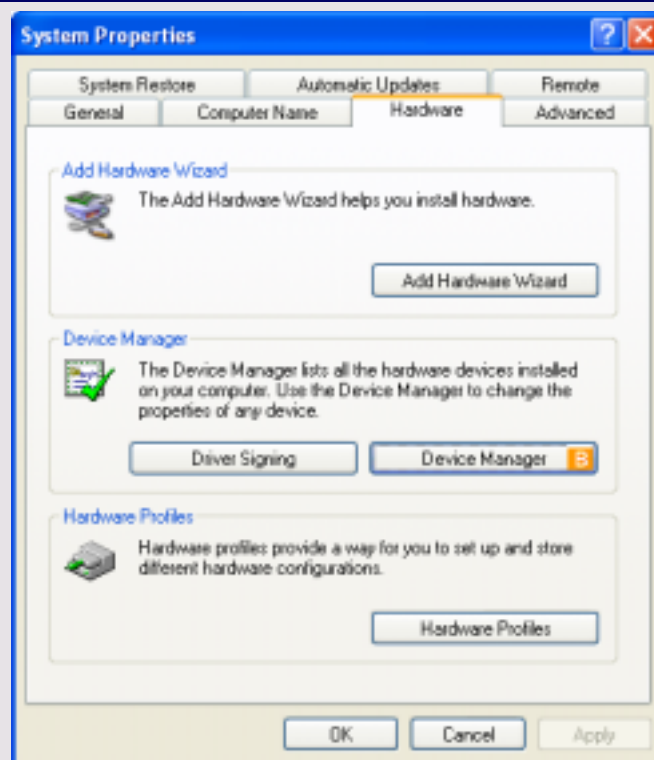To designate the device driver manually, click on the "**Properties**" in the properties menu launched by right clicking on the "**My Computer**".

A	Clicking the right mouse bottom will launch the pop-up menu as shown in the above figure. Then, click "**Properties**". →To**A**

Then the dialog box named "**System Properties**" will appear. Click on the "**Hardware**" tab, and again, click on the "**Device Manager**" button in the "**Device Manager**" group box.
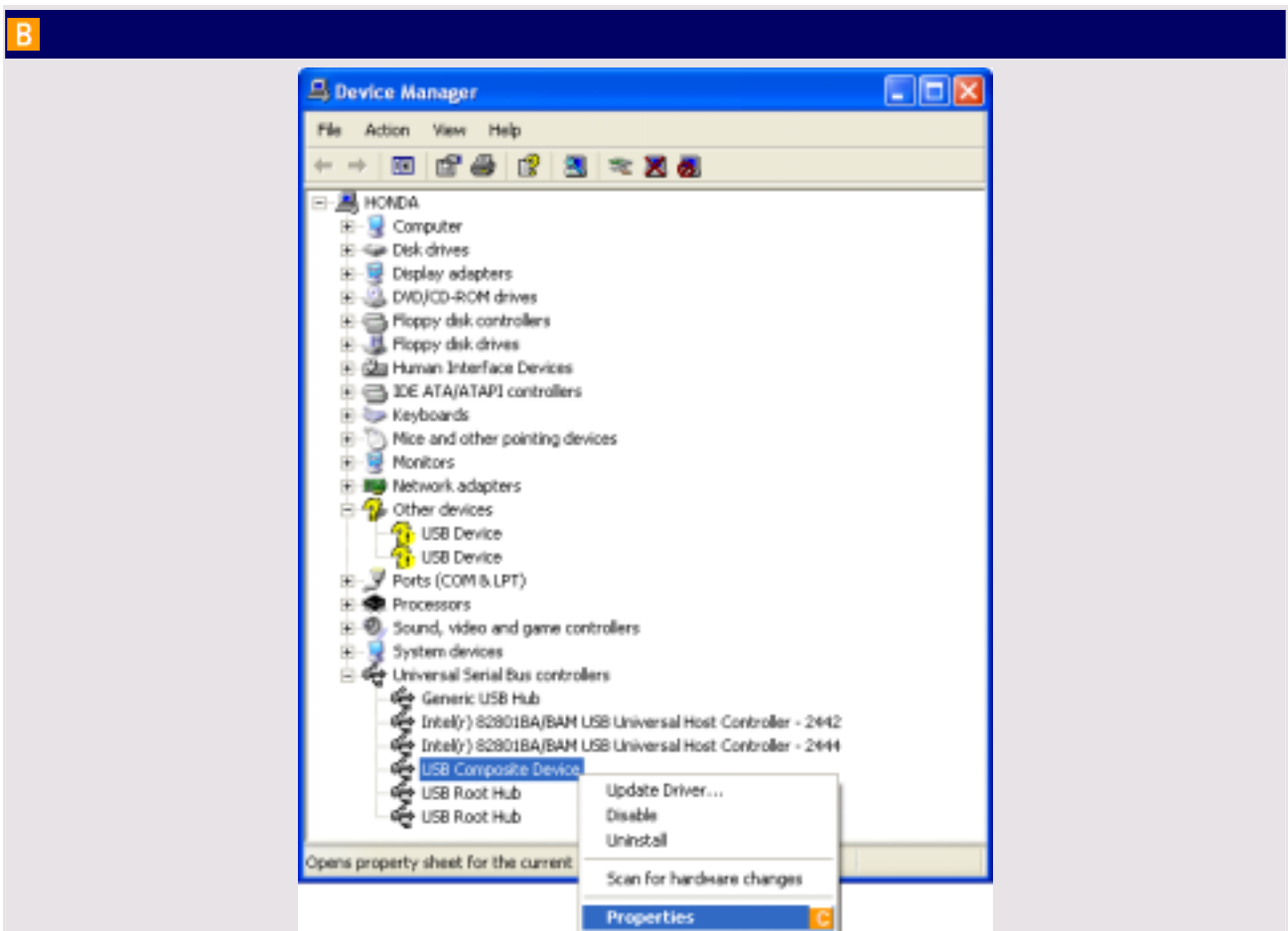
A

"**Hardware**" tab in "**System Properties**" dialog box

Here, you can launch the "**Device Manager**" which is a tool to identify the device's situation or change the preferences of device.

B	Click this button to start the "**Device Manager**". →To **B**

"Device Manager" is a tool, which shows the list of the devices connected to the system, and, able to identify or change the preferences. We will update the device driver here this time, however, if the hardware problems have occured later, they can be solved or specified the causes by identifying the present situation of device by the "Device Manager".

Each device is tree-listed in the "Device Manager" as follows. Click the "+" button at the left of each item to display the detailed information related to the specified device. The screen below shows the details of the "Universal Serial Bus controllers" we will configure this time by the way above.

Device Manager

This device manager is a tool, which shows the list of the devices connected to the system, and able to identify or change the preferences. Although there was no tool to administrate the devices intensively as the "Device Manager" in NT 4.0, the same device manager for Windows 9x is added on to Windows XP. The screen shows the details of the items in "Universal Serial Bus controllers" by clicking the "+" bottom on the left.

C Double-click this part to display the device properties. →To **C** へ

Double-clicking the item of the specified device on this device tree list will launch the "Device Properties" dialog box of the specified device.

"**Device Properties**" dialog box- [**Driver**] tag.
The detail preferences or identifications can be configured in the "**Device Properties**". Click the "**Driver**" tag. to designate the driver manually.

USB Composite Device Properties

General | Driver

USB Composite Device

Driver Provider: Microsoft
Driver Date: 7/1/2001
Driver Version: 5.1.2600.0
Digital Signer: Microsoft Windows XP Publisher

Driver Details... — To view details about the driver files.

Update Driver. D — To update the driver for this device.

Roll Back Driver — If the device fails after updating the driver, roll back to the previously installed driver.

Uninstall — To uninstall the driver (Advanced).

OK | Cancel

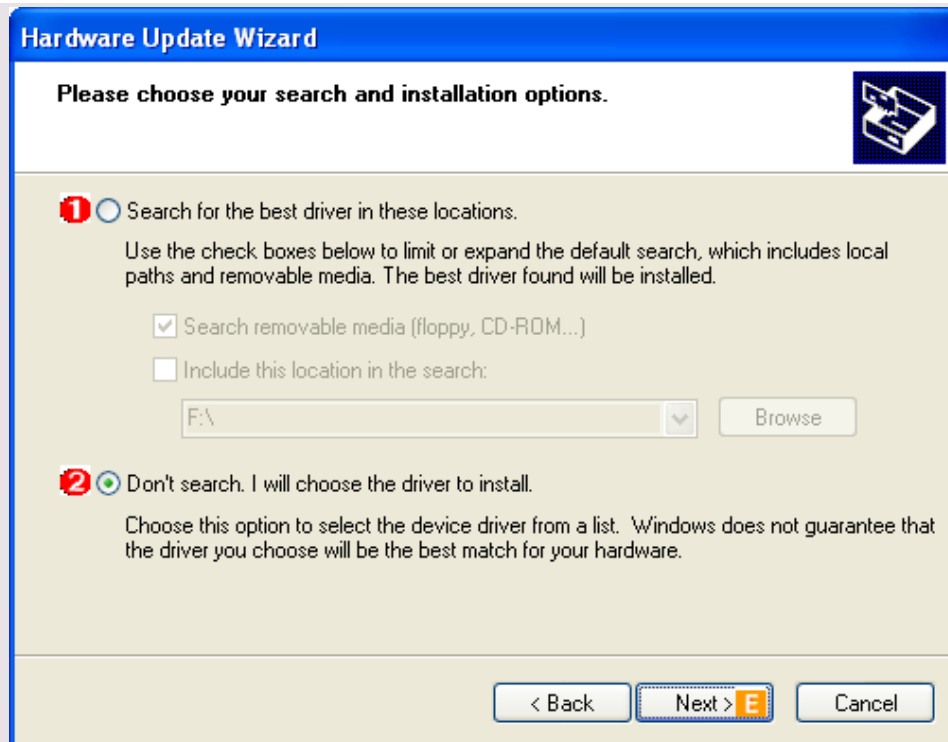D Click this button to update the device driver. →To D

The present situation of the device (if it is effective or is moving functionally, etc.), or the parameter preferences of each device, identification of the version of present driver, the driver upgrading, and changing of the resources used can be done in the "**Device Properties**" dialog box. Click the "**Update Driver**" button on the lower right part to designate the device driver manually.

Hardware Update Wizard

Welcome to the Hardware Update Wizard

This wizard helps you install software for:

USB Composite Device

If your hardware came with an installation CD or floppy disk, insert it now.

What do you want the wizard to do?

○ Install the software automatically (Recommended)
◉ Install from a list or specific location (Advanced)

Click Next to continue.

< Back | Next > | Cancel

"**Upgrade Device Driver Wizard**" of the device driver.

In Windows XP, the driver upgrading comes to carry out by the wizards. In this wizard, the device is detected automatically and appropriate driver is chosen as the default setting. However, optional driver can be installed by choosing the optional designations besides the default setting.

The "Upgrade Device Driver Wizard" window as shown below will appear by clicking the "Update Driver" button. As in the installation procedure, the wizard identified the device automatically and the driver that is identified as suitable is recommended as the default setting. However, optional drivers can be located manually.
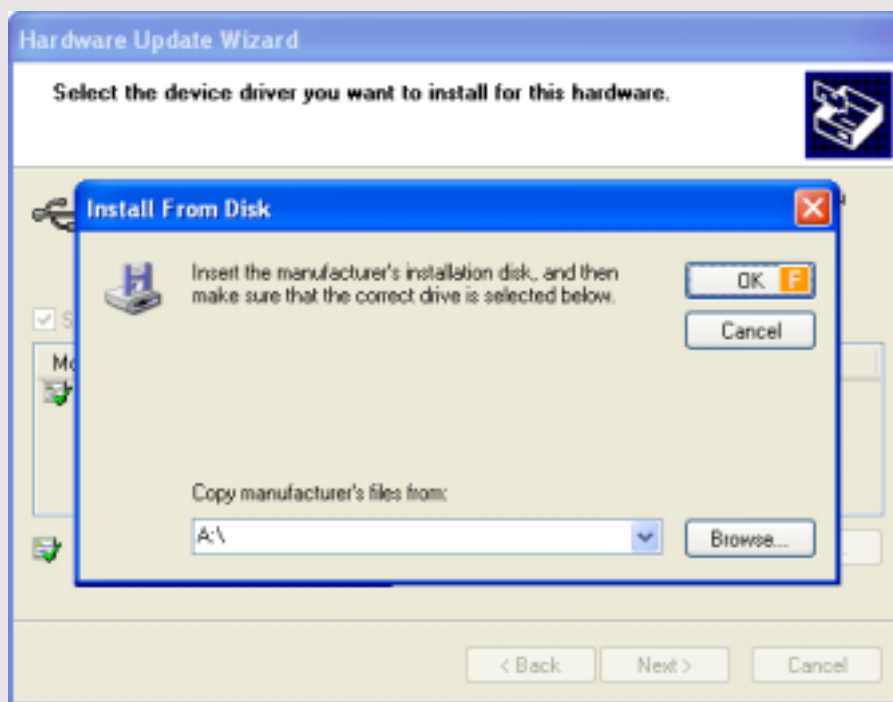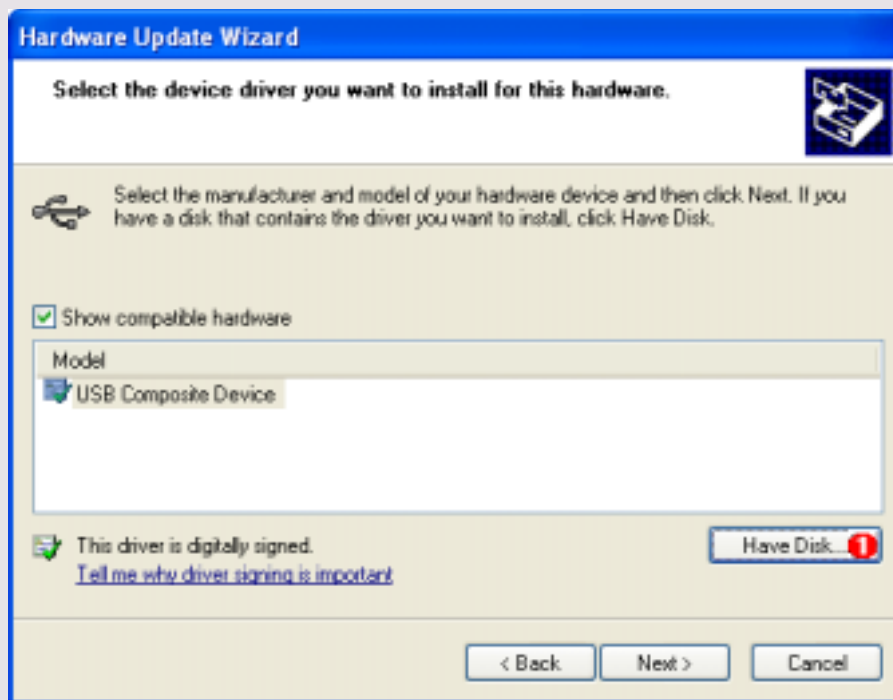

Designate the detection method of the device driver

We will designate the detection method of the device driver here. Select the [Don't search. I will choose the driver to install.] to designate the optional driver.

❶	Select this to let the wizard to detect the suitable device. (Default)
❷	Select this to designate the driver manually from the database.
E	Click here to proceed to the next step. →To E

To identify the driver manually, select the "Don't search. I will choose the driver to install" and click "Next".

E

Locating driver files

Here, we will designate the location to search for the device driver. Click here to proceed to the ［Have disk…］.

❶	Select the installer disk..
F	Click here to proceed to the OK step. →To F へ

　　Insert the installer disk in the Floppy drive and change [(C:) **Copy manufacturer's files form:**] to (A:). Searching inside the floppy disk will starts by clicking **"OK"**.

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The warning message as shown in the figure below will appear. However, there will be no troubles by installing this driver on your computer for our device driver has been tested for many times at our technical center. (See the IMPORTANT NOTES in Page 10)
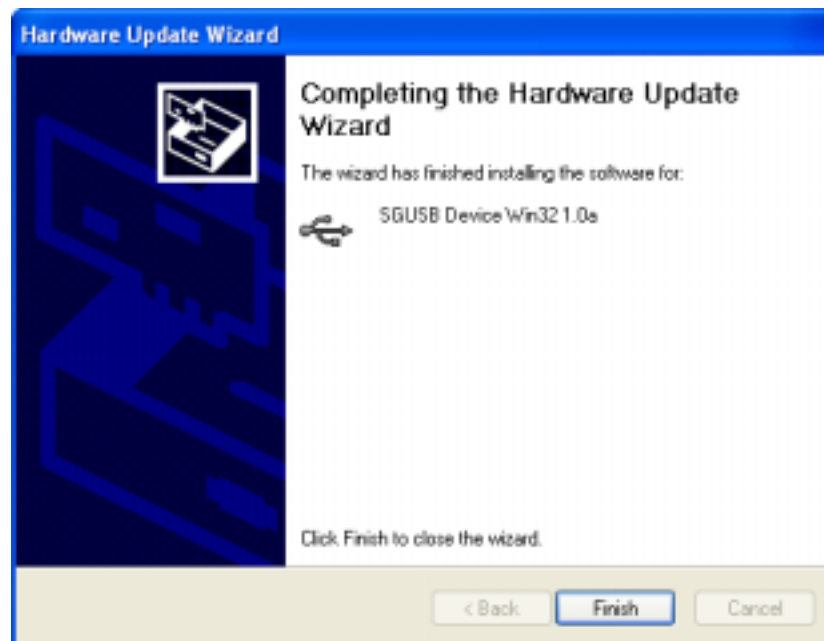
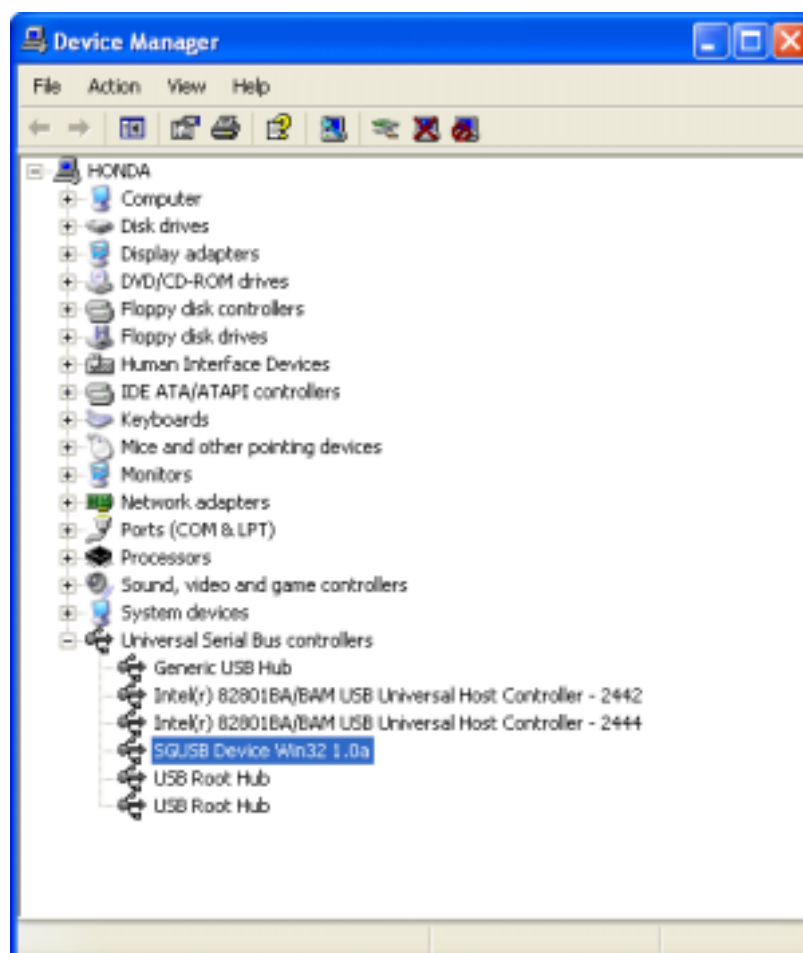| F	
Device driver searching If the file was a suitable one for the driver, the device driver for the selected device will be chosen when "Continue Anyway ❶" is clicked. Driver for Mark series will be detected in this example.	

First, search the driver files inside the installer disk supported by manufacturer's hardware vendor (Sigma Koki). Install file named "a:¥sgusb.inf" will appear if the current device driver is detected in the Floppy disk. If the file is a suitable one for the device, click "**Next**". Then, the driver of the detected device will be installed.

The "**Completing the Upgrade Device Driver Wizard**" as shown below will appear if the driver is chosen correctly. Then, click "**Finish**".

At the end, start the "**Device Manager**" again and check the current device driver is chosen functionally.

IMPORTANT NOTES

・About the warning message displayed while connecting the device.

After the ActiveX installation, while connecting the Mark 202/ 204 controller to the Windows 2000 or XP standard preinstall computers for initially by USB cable, the warning message as shown below may appear. Click the **"Continue(C)"** button for it is not an error. The driver will be installed properly.

For more information
Please contact to the following for more information on our update service.

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