GX-A / GF-A series USB interface

How to install the Virtual COM mode driver

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1. Introduction

The USB interface that comes standard with the GX-A / GF-A is set to Quick USB mode at the time of shipment. Changing the internal settings of the GX-A / GF-A from Quick USB mode to Virtual COM mode enables bidirectional communication between a personal computer and the balance, allowing the balance to be controlled from a personal computer.

In order to connect the GX-A / GF-A to the PC and communicate with the software (WinCT series), you need to check the COM port number (COM **). For details, please refer to the "Guide to WinCT Software and How to Check PC COM Ports" and the "WinCT Operation Manual" on our website (http://www.aandd.jp/).

This manual describes the installation of the driver for Virtual COM mode.

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2.　Changing the internal settings of the balance

　　(1)　Set the balance to weighing mode $\boxed{° \; \text{0.00 g}}$.
　　(2)　Press and hold the $\boxed{\text{SAMPLE}}$ key to display $\boxed{\text{bASFnc}}$.
　　(3)　Press the $\boxed{\text{SAMPLE}}$ key several times and press the $\boxed{\text{PRINT}}$ key with $\boxed{\text{USb}}$.
　　(4)　$\boxed{\text{UFnc}}$ is displayed. Press $\boxed{\text{RE-ZERO}}$ key several times to display $\boxed{\text{UFnc } \text{I/OM}}$.
　　(5)　Press the $\boxed{\text{PRINT}}$ key to return to the internal settings.
　　(6)　Press the $\boxed{\text{CAL}}$ key from $\boxed{\text{AP Fnc}}$ to return to weighing display.
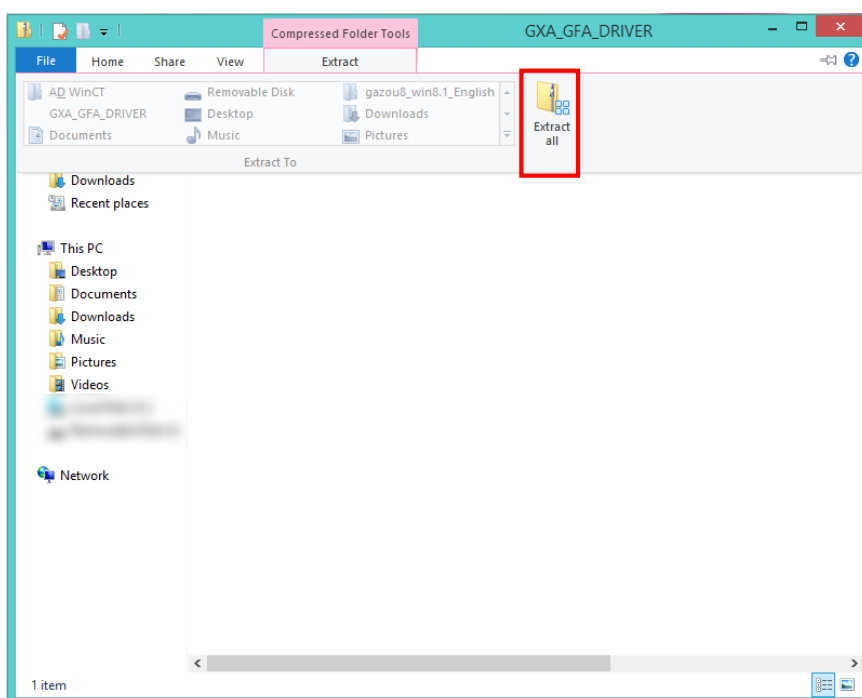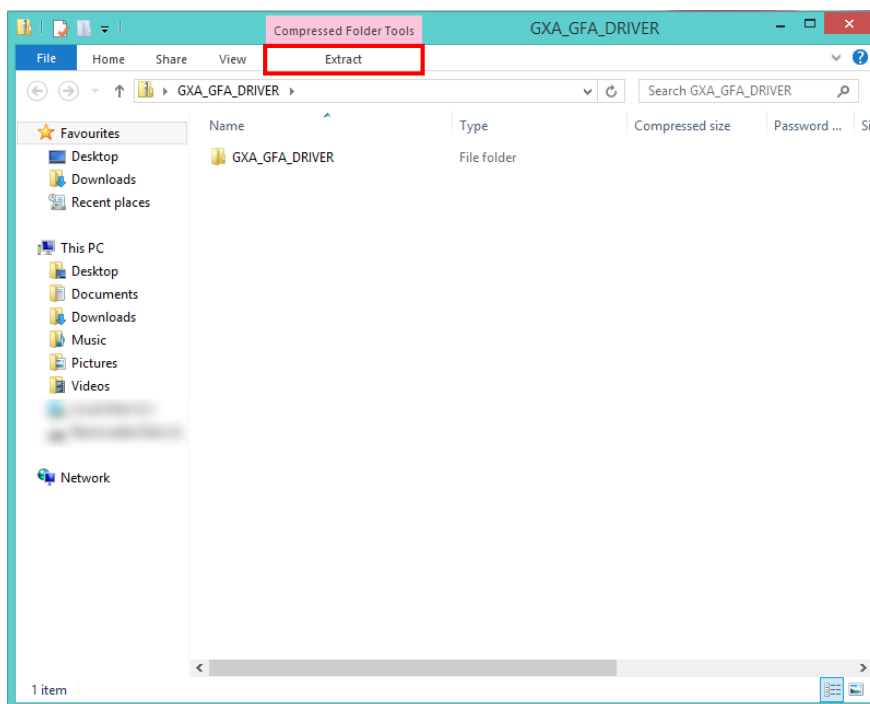
3.　How to install the driver

　3-1.　　For Windows 10
　(1)　When you connect the GX-A / GF-A to the computer, the driver is installed automatically.

　(2)　When the installation is completed, the screen closes automatically.
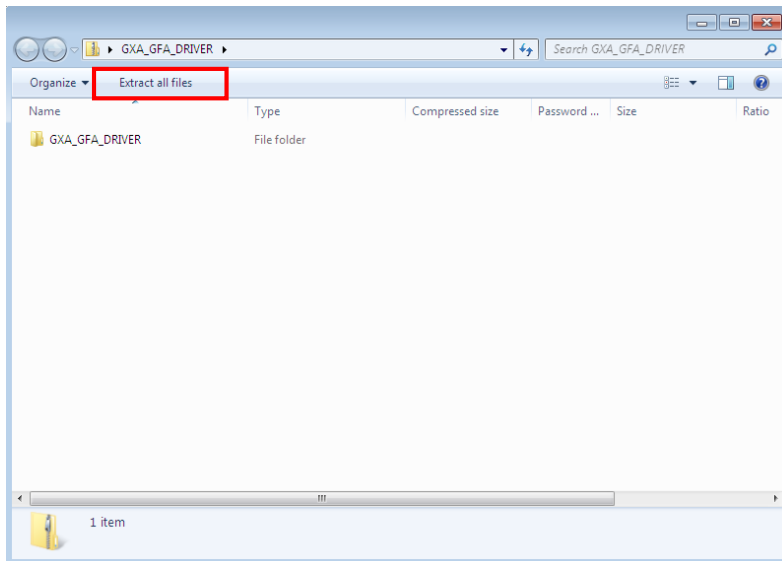　　　　The COM port name will be "USB serial device".

3-2.   For Windows 8.1, Windows 7, Vista

（1） Extract the compressed folder "GXA_GFA_DRIVER" downloaded from our website (http://www.aandd.jp/).
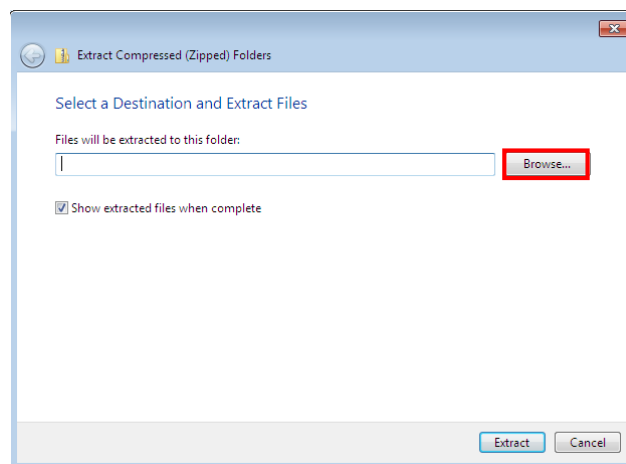
■   <u>For Windows 8.1</u>…Open the downloaded folder, click the [Extract] tab under Compressed Folder Tools, and click [Extract all].
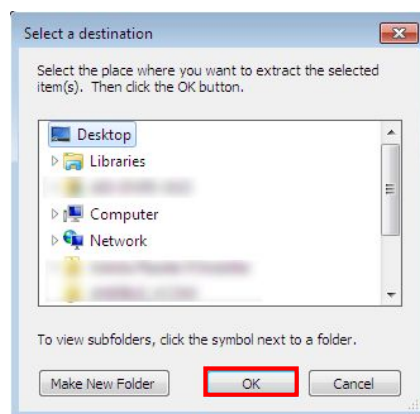
■ <u>For Windows 7、 Vista</u>…Open the downloaded folder and click
[Extract all files].

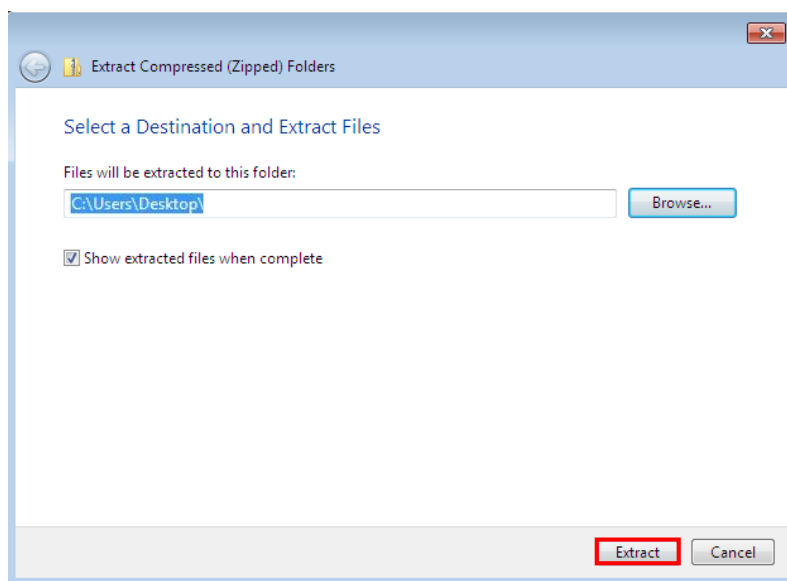(2) The following screen appears. Click [Browse]. (The screen is an example from Windows 7)

(3) Select the destination to extract and click [OK].

Example of deploying to the desktop
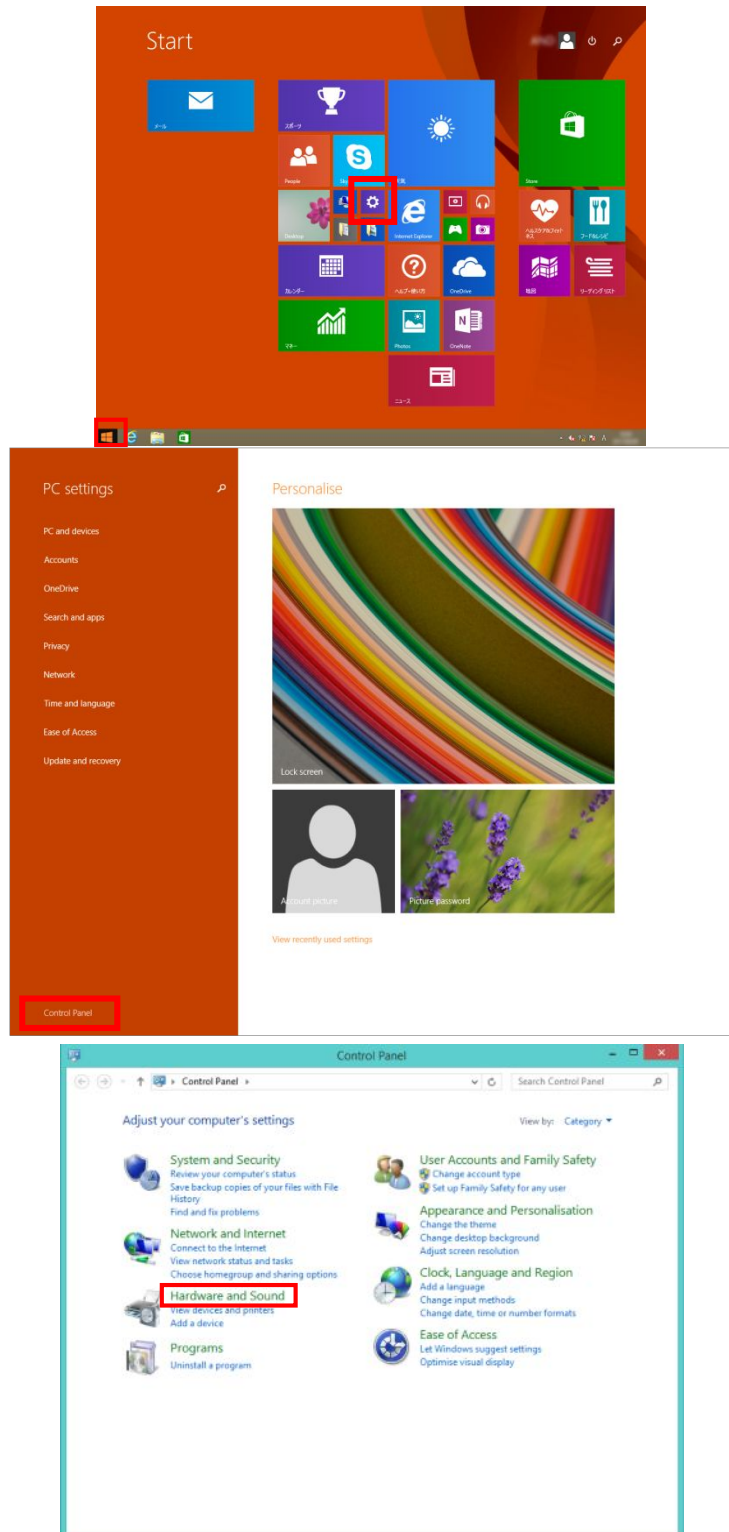
（4） When you return to the screen to specify the location of the file, click [Extract].
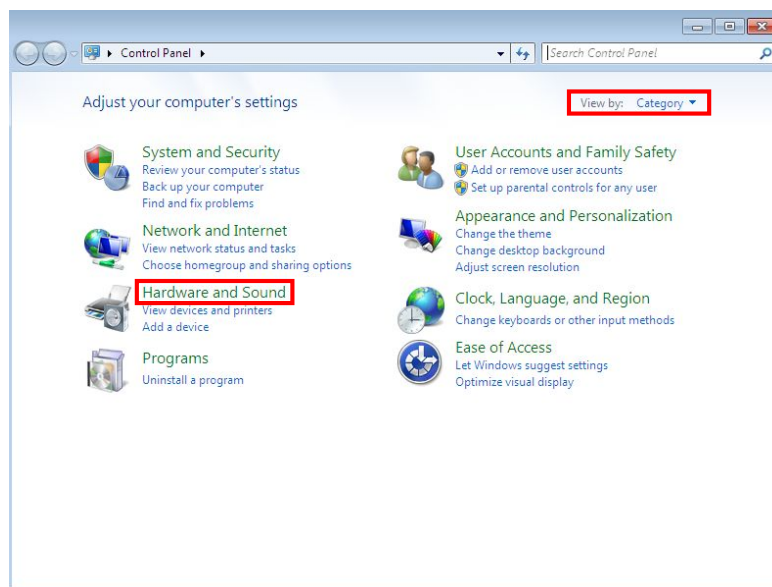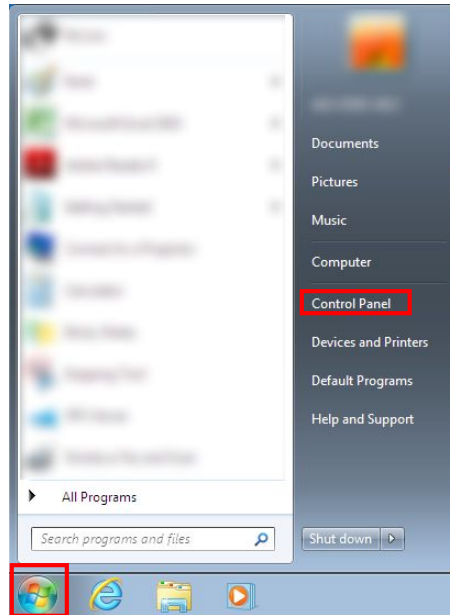　　 ※ The user name will differ depending on your PC.

（5） When the decompression of the compressed folder is completed, the window opens.
　　 You can close this window and the Extract Compressed (Zipped) Folders window.

（6） Plug the supplied USB cable into the USB interface on the back of the GX-A /
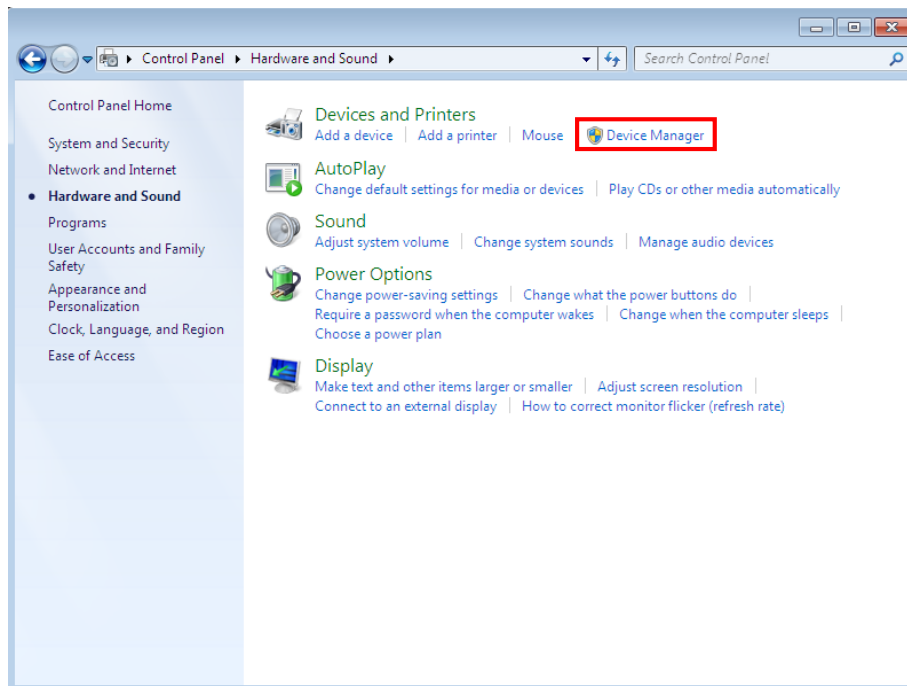　　 GF-A, and connect it to the computer.

（7） Open [Hardware and Sound].

■ <u>For Windows 8.1</u>…Click [Start] - [PC Settings] - [Control Panel] and finally [Hardware and Sound].

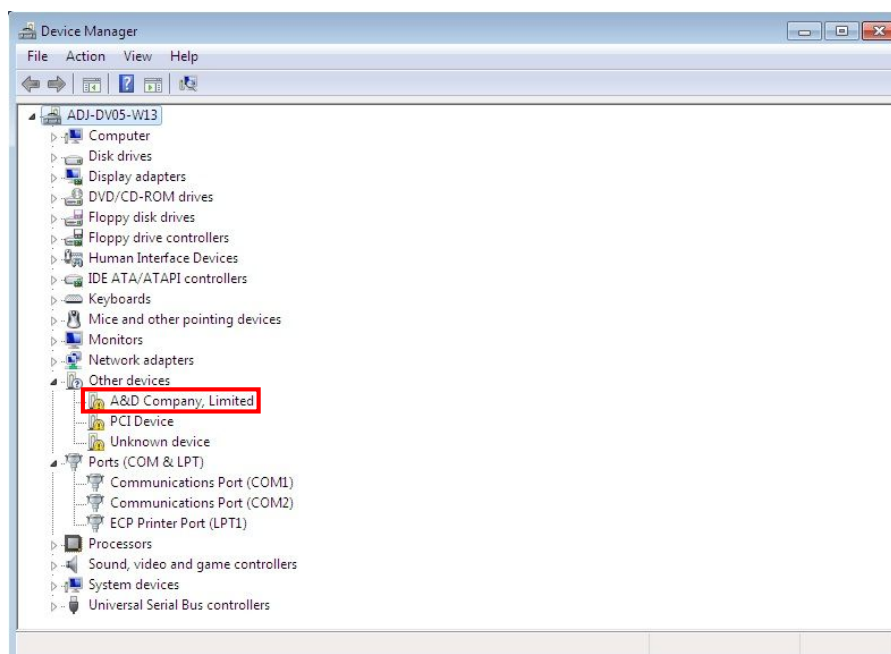■ <u>For Windows 7, Vista</u>…Open the control panel with [Start] - [Control Panel]. To display the control panel, select [Category] in display format in Windows 7. In Windows Vista, select [Control Panel Home]. Click [Hardware and Sound] in the control panel.

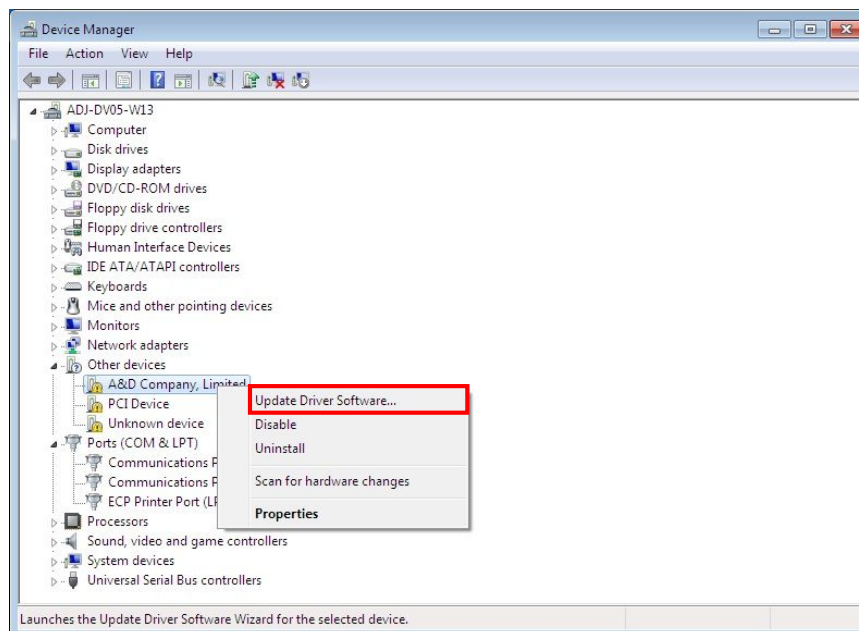(8) Click [Device Manager] in [Hardware and Sound]. (The screen is an example from Windows 7)

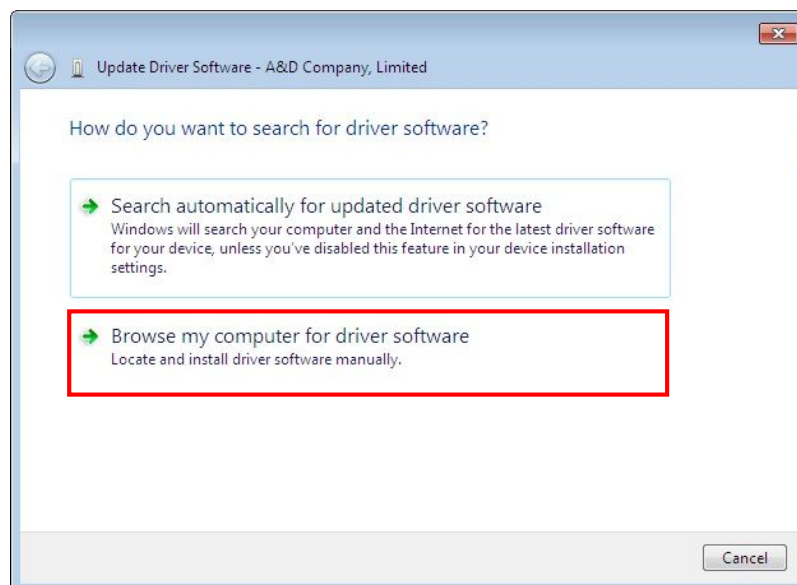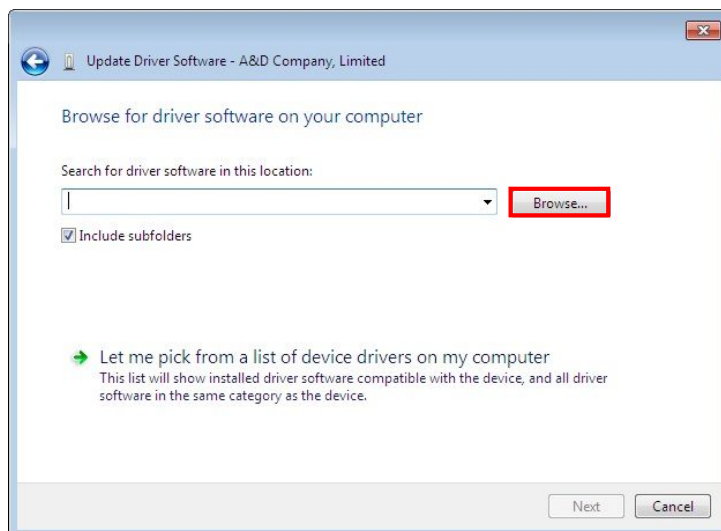(9) Check the device indicated as "A&D Company, Limited" in [Device Manager].

(10) Right-click on the checked device and select [Update Driver Software] on the displayed menu.

(11) When the [Update Driver Software] dialog box appears, click [Browse my computer for driver software].

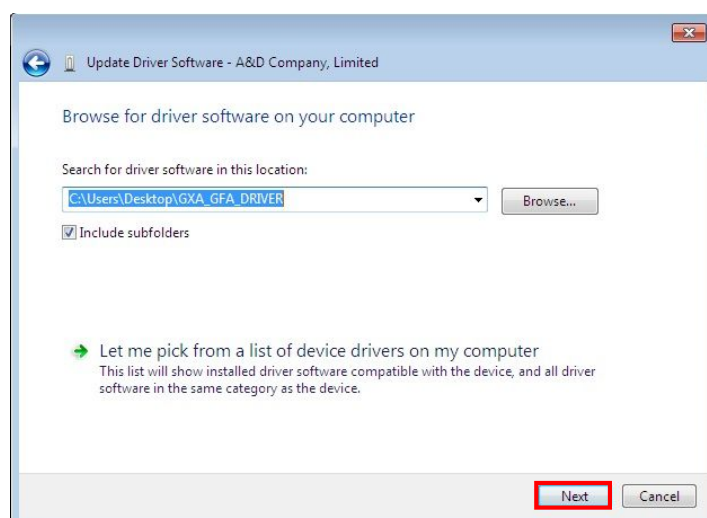(12) The following screen appears and click [Browse].
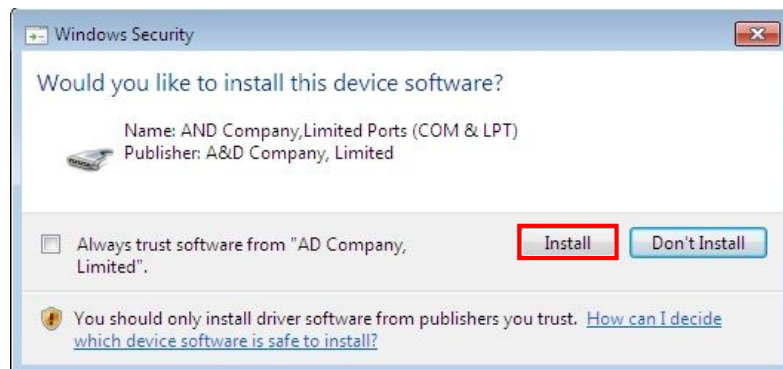

(13) Select "GXA_GFA_DRIVER" and click [OK].

(14) When you return to the screen to specify the location of the file, click [Next].
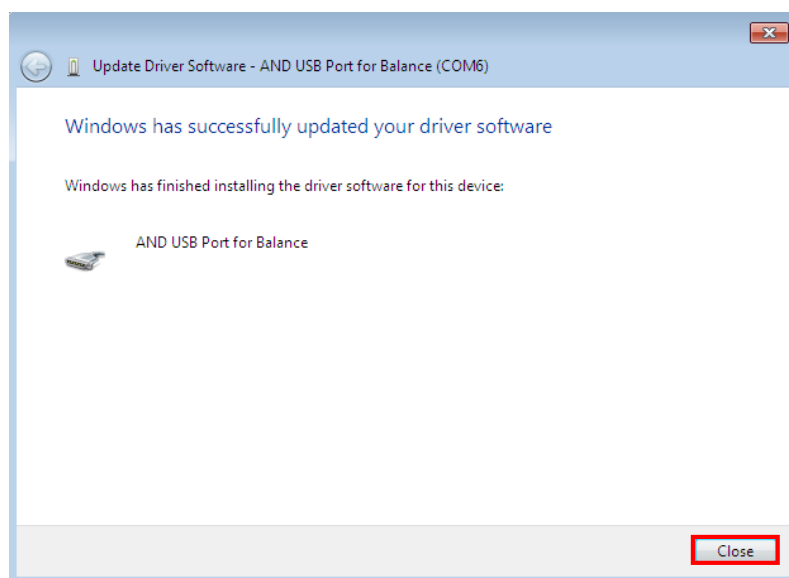※ The user name will differ depending on your PC.

(15) Installation starts. When the following security warning appears during installation, click [Install].

(16) Click [Close] when installation is completed.

The COM port name will be "AND USB Port for Balance".

3-3.　　For Windows XP

(1) Extract the downloaded "GXA_GFA_DRIVER" zip file.

(2) Plug the supplied USB cable into the USB interface on the back of the GX-A / GF-A, and connect it to the computer.

(3) The start screen of the search for new hardware wizard is displayed.
Select [Install from list or specific location (Advanced)], and click [Next].

(4) Select [Include this location in the search] and click [Browse].

(5) Select "GXA_GFA_DRIVER" and click [OK].

(6) When you return to the screen to specify the location of the file, click [Next].

(7) Driver search will start.

(8) A warning will be displayed, but this will not affect operation. Click [Continue].

(9) The driver is installed. When you are finished, click [Finish].
The COM port name will be "AND USB Port for Balance".