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# KONDO USB Driver Install Manual

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KO Driver 2012

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KONDO KAGAKU CO.,LTD.

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## First

Thank you very much for purchasing our USB device. In order for you to use a USB device correctly, please certainly read this manual.

Please also read the operation manual of each hardware collectively.

## Specification

This high version corresponds also to the Dual USB adapter HS.

- Version : Ver.4.0 Rev.20120301
- Correspondence OS :
  - Windows Server 2008 R2
  - Windows 7 / Windows 7 x64
  - Windows Server 2008 / Windows Server 2008 x64
  - Windows Vista / Windows Vista x64
  - Windows XP / Windows XP x64
  - Windows 2000 / Windows Server 2003 / Windows Server 2003 x64
- CPU : Intel X86 / AMD 64

The device driver file in KO\_Driver\_2012 folder can be used for our following device (as of March, 2012).

Table 1 : correspondence device and device ID list

KO_Driver_2012 Device	Kind of VID ( Vender ID )	VID Number	PID Number	Driver Name on Device Manager
ICS USB Adapter	Other	165C	0001	ICS USB ADAPTER
Serial USB Adapter	Other	165C	0002	SERIAL USB ADAPTER
ARC Type4	Other	165C	0003	ARC Type4
2.4G USB Band Monitor	Other	165C	0004	2.4GHz USB Band Monitor
ICS USB Adapter HS	Other	165C	0006	ICS USB ADAPTER HS
Serial USB Adapter HS	Other	165C	0007	SERIAL USB ADAPTER HS
Dual USB Adapter HS	Other	165C	0008	Dual USB ADAPTER HS

In addition, although it is not on above-mentioned device ID strike, it corresponds also to the serial USB adapter 2.

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## Installation of driver software

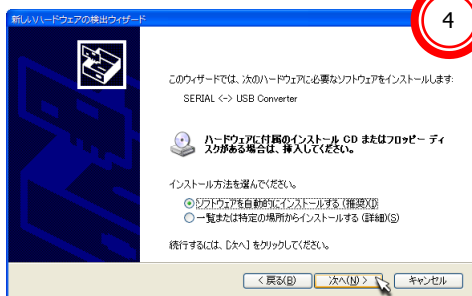
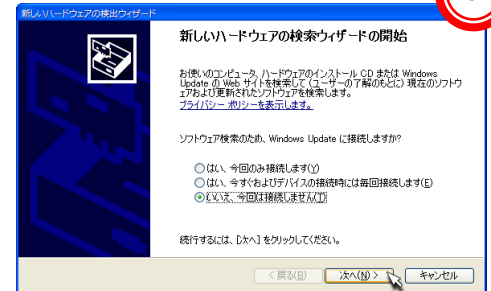
### Before installation

- Although the serial USB adapter of our company is made into an example and the installation procedure of a KO\_Driver\_2012 driver file is explained in this manual, All the USB devices corresponding to our make in "Table 1 : correspondence device and device ID list" are installable by the same method.
- KO\_Driver\_2012 device driver installs two kinds of driver files.  
A USB bus driver should be installed first and then a USB port driver should be installed.
- When KO\_Driver of a previous version has been installed, please uninstall an old driver first.

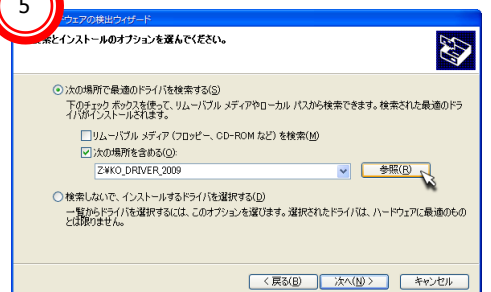
## Windows XP

### Installation of a driver file

1. Insert the setup CDROM with KO\_Driver\_2012 in a drive.  
Or the downloaded file is extracted beforehand and it saves to a suitable folder.
2. If a device is inserted in a USB port, installation of a device driver will begin automatically and "the search wizard of new hardware" will start.  
Although the detected device name may differ from the device name to install at this time, when specifying a driver file, it is recognized correctly.
3. the "search wizard of new hardware" dialog 1 -- "-- no, it does not connect this time -- please choose (T)" and push a "next" button.



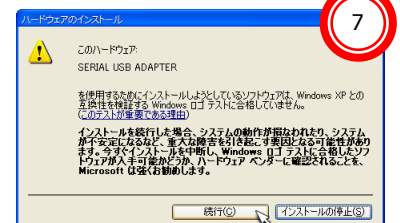
5. When "((Detailed) S) Installed from List or Specific Place" was Chosen by No. 4, or when Driver Software is not Found from CDROM Etc., Please choose "(O) including the next place", push a "reference" button and choose the folder of "KO\_Driver\_2012."



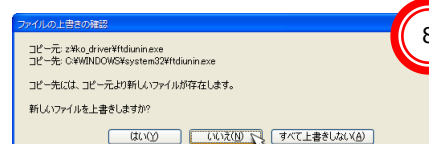
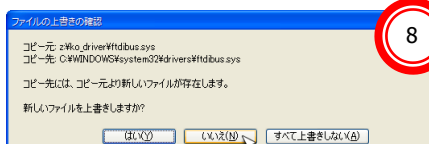
6. Installation of driver software starts.



7. 「When the message of "not having passed a Windows logo test" is displayed, please push (Fig. 7) and "continuation" button and continue installation.



8. When driver software newer than KO\_Driver\_2012 is installed, a dialog as shown in the following figure may be displayed.  
In this case, both should choose "no."




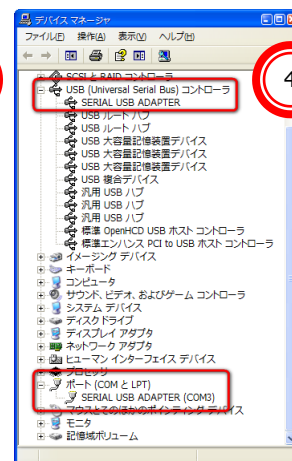
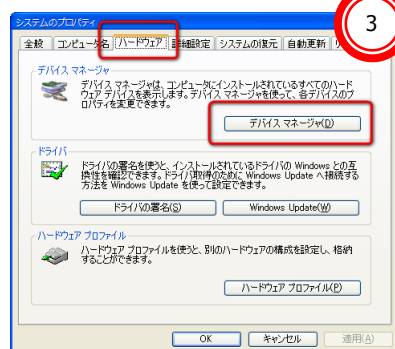
- 9 . When "completion of new hardware search" dialog is displayed, a USB bus driver's installation work is completion.  
Then, since installation of a USB port driver is started automatically, it returns to No. 3 and continues installation work in the same procedure.



- 10 . Installation work is completion in installation of a USB bus driver and a USB port driver.

#### A check and notes of a device

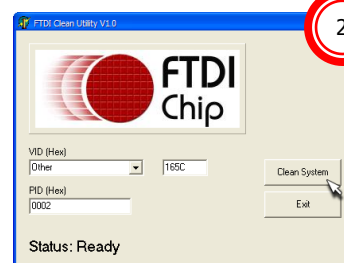
- 1 . If installation of a driver is completed, please check the port number of a device.
- 2 . Open a control panel, double-click a system icon,  and start the property of a system.
- 3 . Choose "hardware" tab and start a "device manager."
- 4 . Please check whether there is any device name installed in the "USB (Universal Serial Bus) controller" column in a device manager. Moreover, please check the device name and COM port number which also installed the "port (COM and LPT)" column.



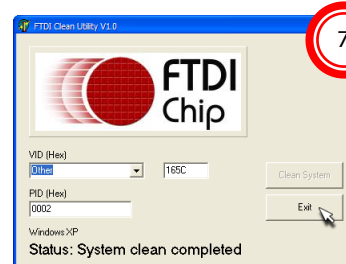
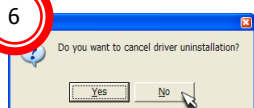
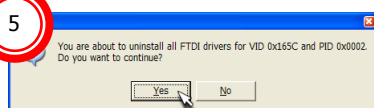
In the pictures, a device name serves as "SERIAL USB ADAPTER", and the COM port number has become 3 (COM3).

#### Uninstallation of a driver

- 1 . Double-click and start "FTClean.exe" in KO\_Driver\_2012 folder.
- 2 . Since a dialog as shown in a figure will be displayed if it starts, input VID and PID in "Table 1 : correspondence device and device ID list " into a column according to a driver to uninstall.  
Since the "serial USB adapter" is made into the example by this manual, the VID column chooses "Other" and "165C", and it inputs 0002 into the PID column.  
In installing all the USB device driver files of our company, please make PID into a blank.
- 3 . Please push the "System Clean" button after an input.



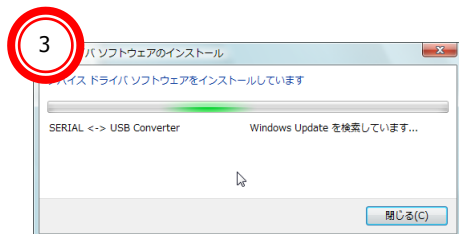
- 4 . Please remove all the USB devices of our company that the message "remove a USB device" was displayed on the beginning, and have been connected to PC.
- 5 . Next, if it out of which the confirmation screen of VID and PID of a device to uninstall comes is checked, please push the "YES" button.
- 6 . The dialog of reconfirmation is displayed on the last. Please push "No" on continuing uninstallation. Uninstallation work begins.
- 7 . If uninstallation is completed, please push the "Exit" button at the last displayed as "Status: System clean completed", and end uninstallation work.



## Windows Vista

### Installation of a driver file

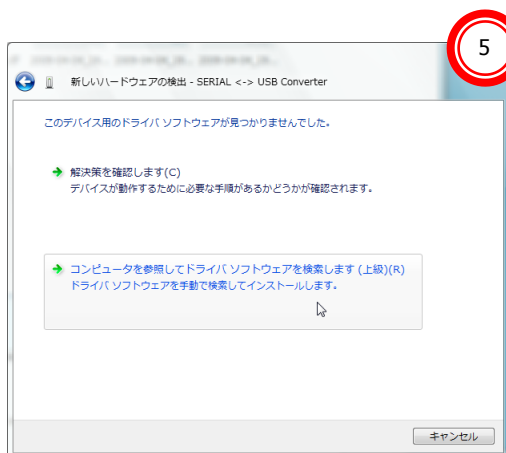
1. Insert the setup CDROM with KO\_Driver\_2012 in a drive.  
Or the downloaded file is saved to a suitable folder. A compressed file is developed beforehand.
2. If a device is inserted in a USB port, installation of a USB bus driver will begin automatically.  
Since the dialog "new hardware was found" is displayed, please choose "((recommendation) L) which searches and installs driver software."



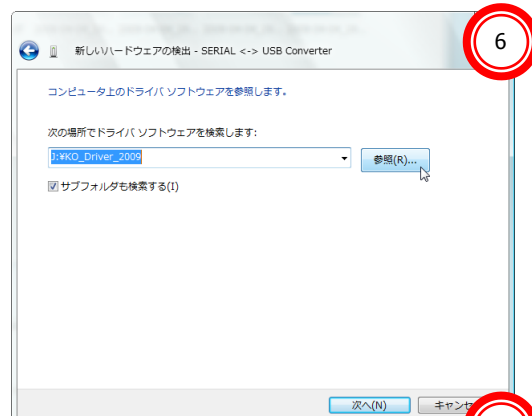
3. Installation of driver software is started and the dialog which searches Windows Update at the lower right of a desktop is displayed.  
Here, it may wait for a while until the following dialog is displayed.



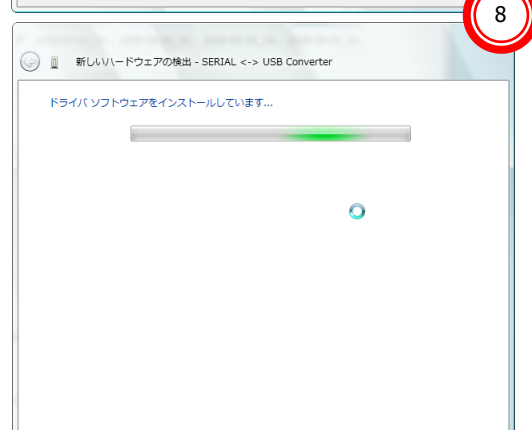
4. When having inserted the driver CDROM with which the dialog "insert an attached disk" is displayed, or when "KO\_Driver\_2012" has been installed before, push a "next" button.  
The case where the folder (KO\_Driver\_2012) where the driver file is saved is specified and installed "there is no disk."  
It checks to (I) which tries other methods", and pushes a "next" button.



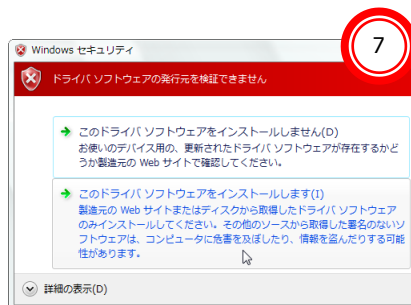
5. A driver file may be found from neither the case where "(I) which does not have a disk and which tries other methods" is chosen by No. 4, nor CDROM.  
"((upper class) R) which searches driver software with reference to a computer" displayed "The driver software for these devices was not found" is chosen.



6. The dialog of "referring to the driver software on a computer" is displayed.  
A "reference (R)" button is pushed and "KO\_Driver\_2012" folder is specified.  
Please push a "next" button, if specification is possible.



7. If driver software is found, a "Windows security" dialog will be displayed.  
Please choose "(I) which installs this driver software."



8. Installation of driver software is started.

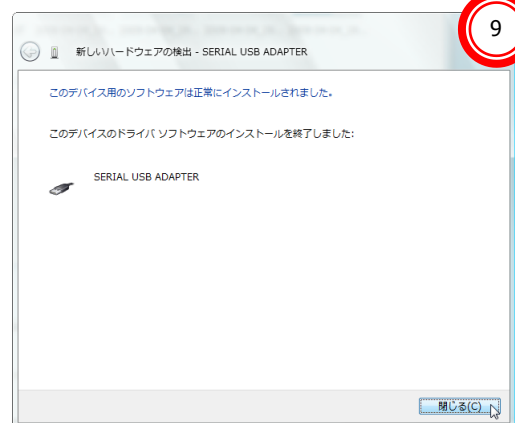
- 9 . If installation is completed, "The software for these devices was installed normally" will be displayed.

The device name under installation is displayed on a dialog.

- 10 . Installation of a USB port driver is started continuously.

Repeat the procedure from No. 3 and install driver software.

- 11 . It is installation of a USB bus driver and a USB port driver, and a driver's installation work is completion.



Confirm devices.

- 1 . Installation of a driver is completed.

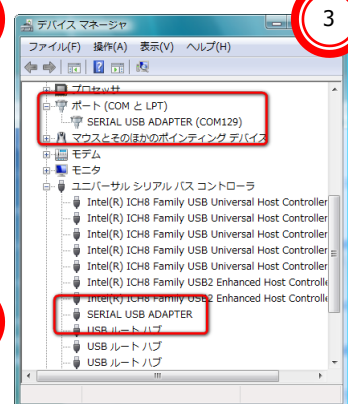
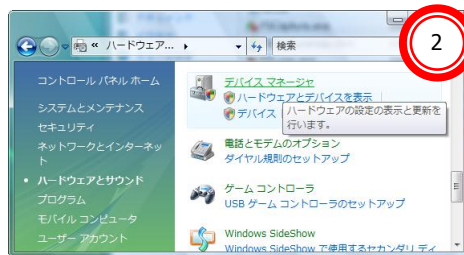
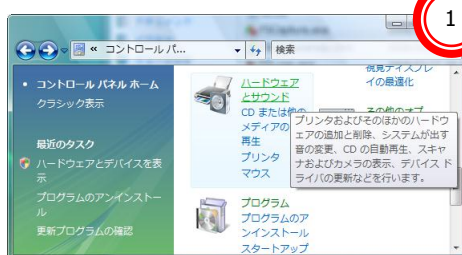
Please check the port number of a device.

In Windows Vista, a control panel is opened and "hardware and a sound" are chosen.

- 2 . Next, open a device manager.

- 3 . Check that there is a device name installed in the "Universal-Serial-Bus controller" in a device manager.

Please check that there is a device name installed in the "port (COM and LPT)" column, and check a COM port number (an example COM129).



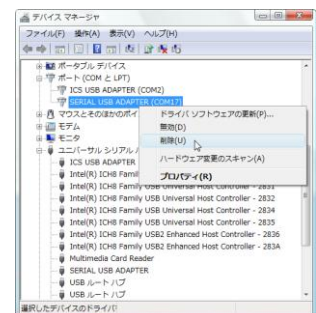
Uninstallation of a driver

- 1 . In order to make OS once recognize the device to uninstall, insert a device in a USB port.

- 2 . Please open the device manager in a control panel in the same procedure as the above "a check of a device."

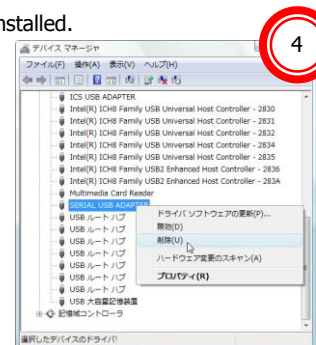
- 3 . Choose and right-click an applicable port from a port (COM and USB).

A menu is displayed. Please choose "deletion (U)."



- 4 . A "check of uninstallation of device" dialog is displayed.

Please check "for the driver software of this device to be deleted" and push the "OK" button. A USB port driver is uninstalled.



- 5 . Next, uninstall a USB bus driver.

A menu will be displayed if an applicable bus name (a figure SERIAL USB ADAPTER) is chosen and right-clicked from a "Universal-Serial-Bus controller" by a device manager. Please choose "delete (U)."

- 6 . A "check of uninstallation of device" dialog is displayed.

Please check "for the driver software of this device to be deleted" and push the "OK" button. A USB port driver is uninstalled.

- 7 . Finally uninstallation of a device driver is.