Futaba

USB INTERFACE
CIU-2

DRIVERS INSTALLATION GUIDE

* These CIU-2 drivers are for Windows Vista/Windows 7/Windows 8.1/ Windows 10 use, and is not compatible with other OS.
Windows 8 is not compatible because Microsoft support ended for Windows 8.
Please update Windows before installing CIU-2 driver software.

Distribution & exemption of liability

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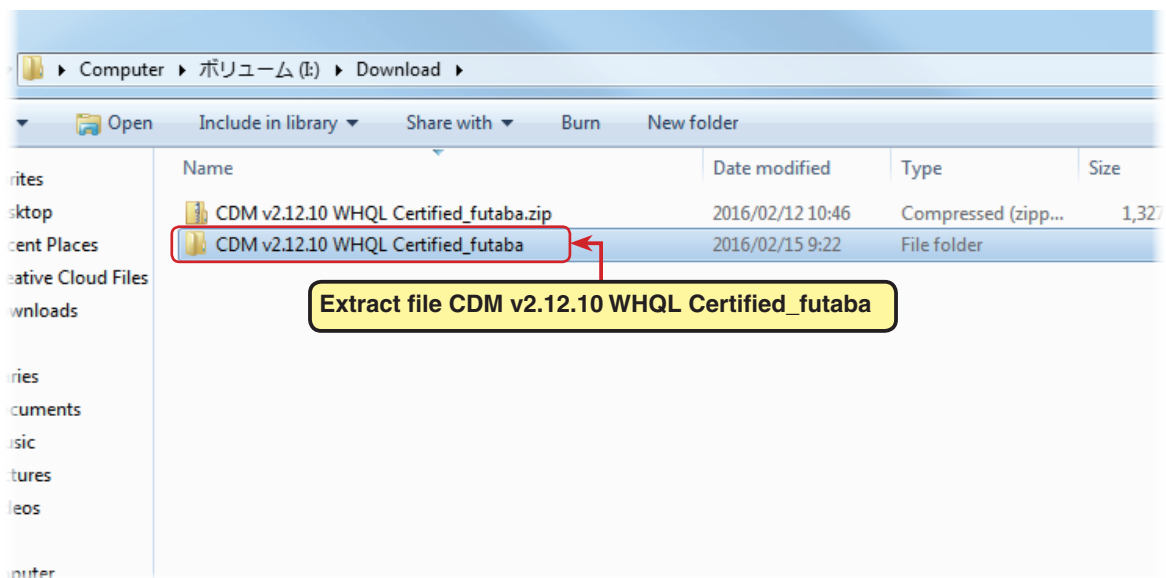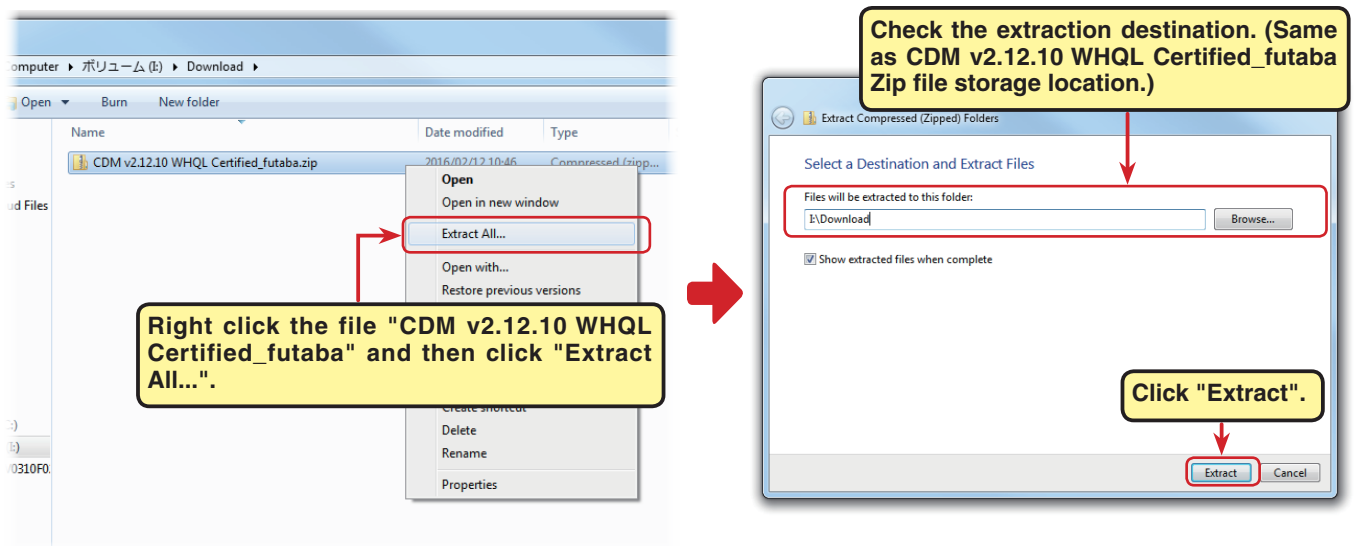*Windows is registered trademark of Microsoft Corporation.

Downloaded Zip file extraction (decompression)

The downloaded driver file CDM v2.12.10 WHQL Certified_futaba is a Zip file. Extract (decompress) this file.

*Save the downloaded Zip file CDM v2.12.10 WHQL Certified_futaba because it will be used if the driver must be reinstalled for some reason.

1. Right click the file CDM v2.12.10 WHQL Certified_futaba.

2. Click "Extract all files". The Extraction Wizard launches.

3. Extract (decompress) file CDM v2.12.10 WHQL Certified_futaba to the same location as the Zip file save location in accordance with the extraction wizard's instructions.

* Example: For Windows 7

Right click the file "CDM v2.12.10 WHQL Certified_futaba" and then click "Extract All...".

Check the extraction destination. (Same as CDM v2.12.10 WHQL Certified_futaba Zip file storage location.)

Click "Extract".

Extract file CDM v2.12.10 WHQL Certified_futaba

Extracted (decompressed) file confirmation

Let's check the extracted (decompressed) file.

1. At the end of extraction (decompression), a folder named CDM v2.12.10 WHQL Certified_futaba like that shown below is created.

2. Double click the CDM v2.12.10 WHQL Certified_futaba folder. The contents of the folder are displayed.
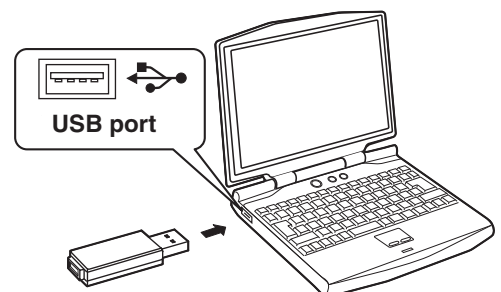
CDM v2.12.10 WHQL Certified_futaba

amd64   i386   Static   ftd2xx.h

ftdibus.cat   ftdibus.inf   ftdiport.cat   ftdiport.inf
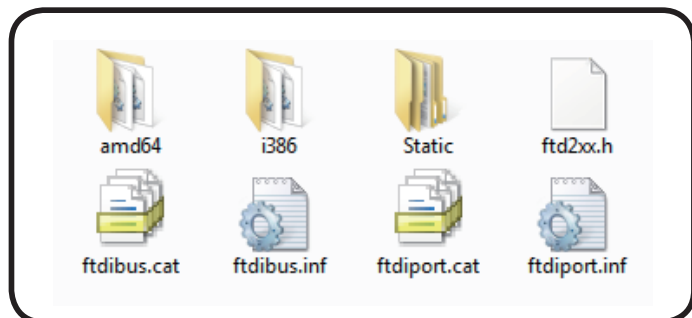
Eight files are decompressed to this folder.
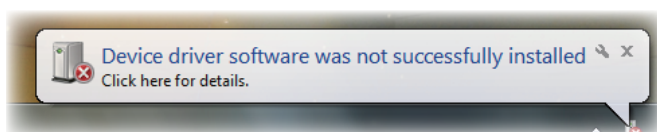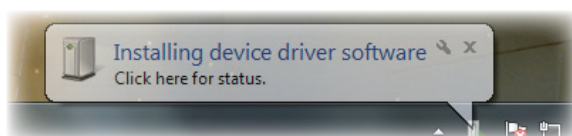
CIU-2 connection to PC

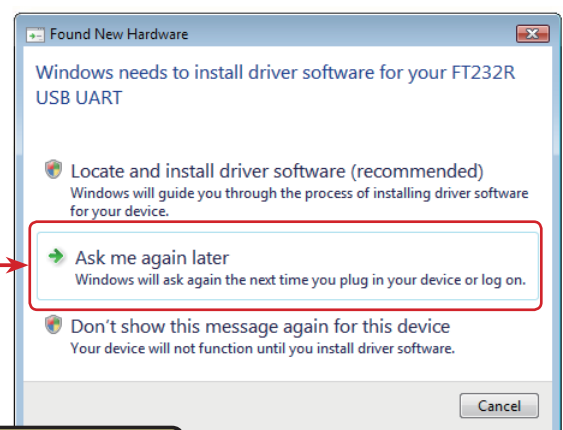Connect your CIU-2 to the USB port of the PC.

1. Turn on the PC power and boot Windows.

2. Confirm that all other applications are closed. Close all virus check and other resident programs, if any.

3. Connect the CIU-2 to the USB port of the PC.

USB port

4. The "Found New Hardware Wizard" window shown below appears on the screen.
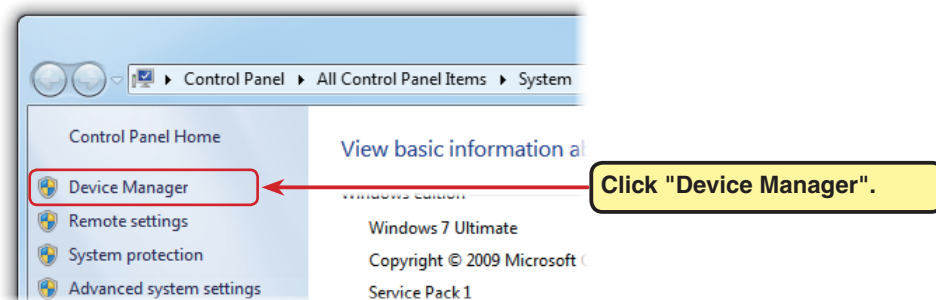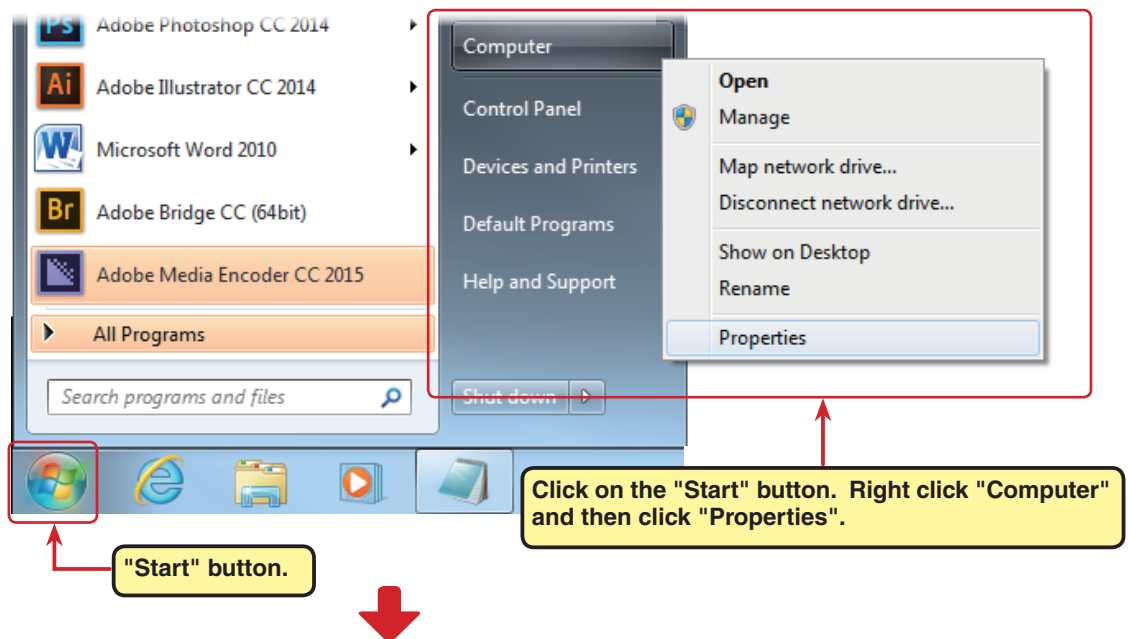(It is not shown in the case of Windows8.1 and Windows10.)

Windows 7

Installing device driver software
Click here for status.

Device driver software was not successfully installed
Click here for details.

Windows Vista

Found New Hardware

Windows needs to install driver software for your FT232R USB UART

Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.

Ask me again later
Windows will ask again the next time you plug in your device or log on.

Don't show this message again for this device
Your device will not function until you install driver software.

Cancel

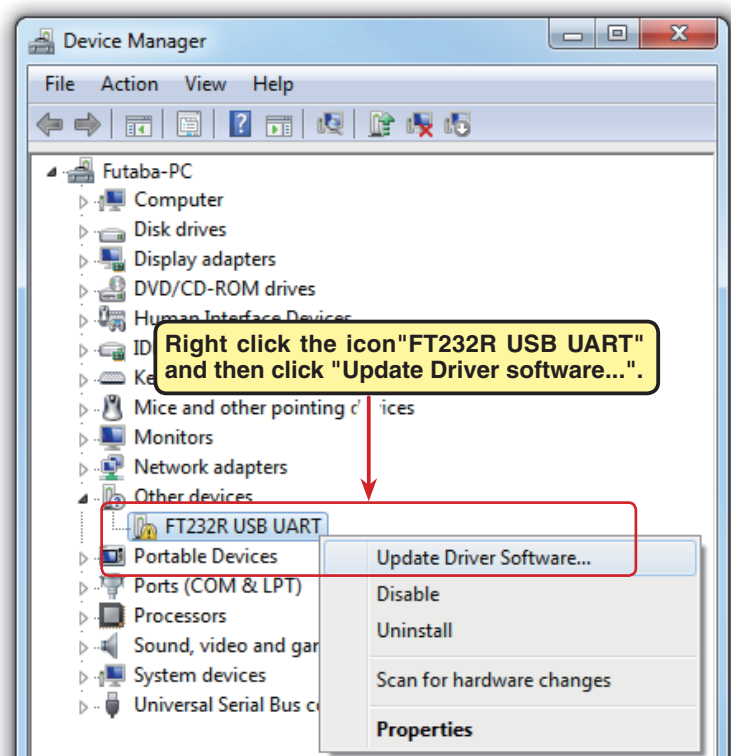**Click "Ask me again later".**

5. Install the CIU-2 drivers.
Windows Vista and Windows 7(page 4) / Windows 8.1 and Windows 10(page 8)

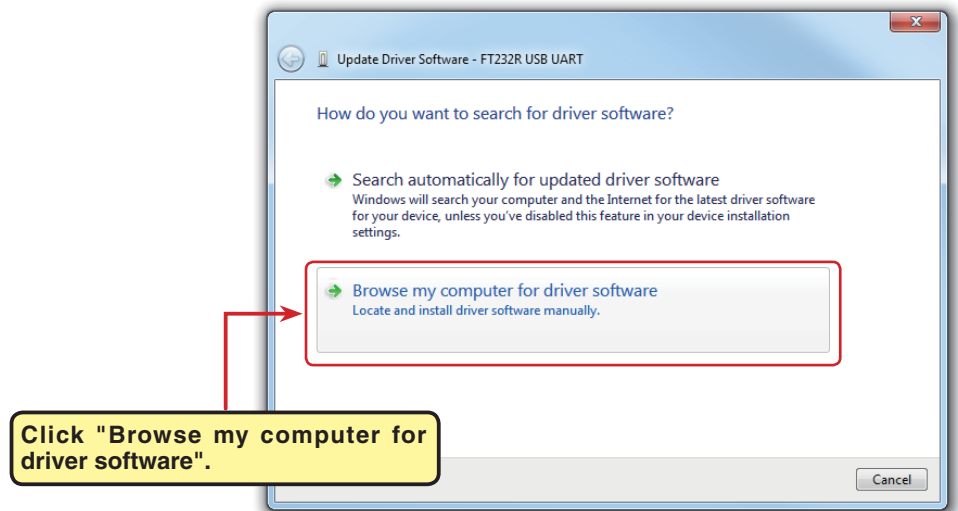## Driver installation (Using Windows Vista / Windows 7 as an example)

1. To open Windows Device Manager. From Windows desktop, click on the "Start" button. Right click "Computer" and then click "Properties". The Windows Device Manager appears.
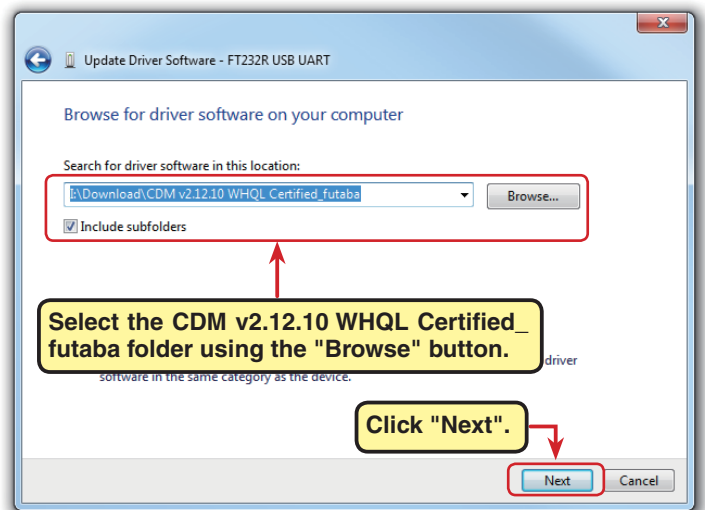

Click on the "Start" button. Right click "Computer" and then click "Properties".

"Start" button.

Click "Device Manager".

2. Right click the icon "FT232R USB UART" and then click "Update Driver software...".

Right click the icon "FT232R USB UART" and then click "Update Driver software...".

4

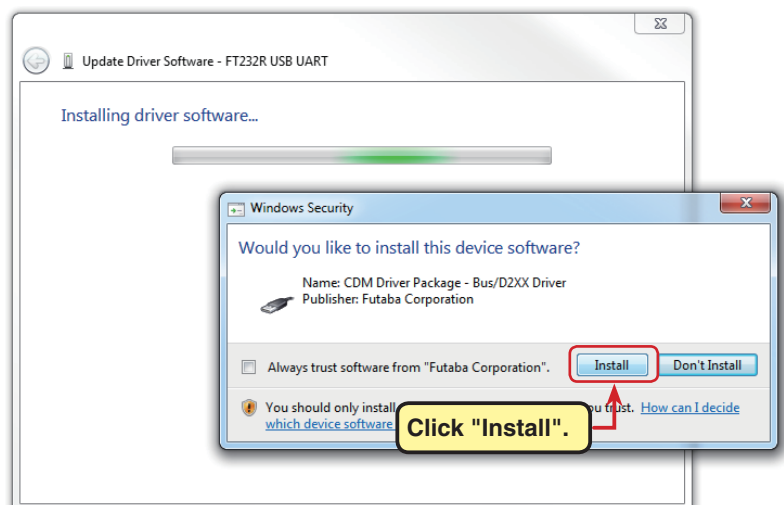**3.** Click "Browse my computer for driver software".
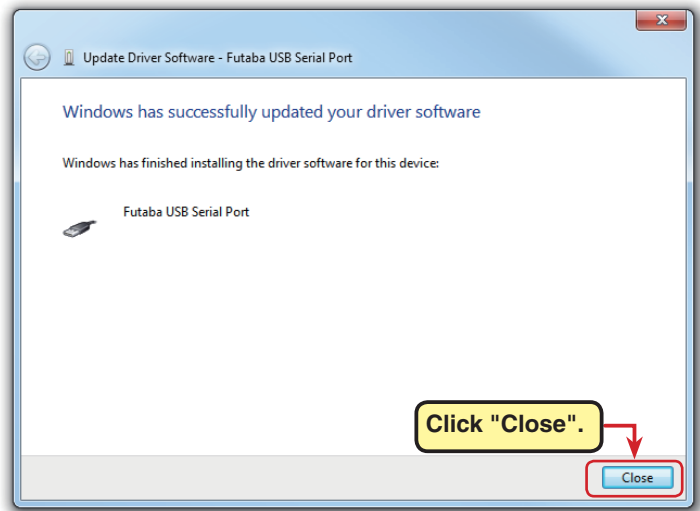

Click "Browse my computer for driver software".

4. Make sure a check mark is in the box for "Includes subfolders" and select the CDM v2.12.10 WHQL Certified_ futaba folder using the "Browse" button and then click "Next".

Select the CDM v2.12.10 WHQL Certified_ futaba folder using the "Browse" button.

Click "Next".

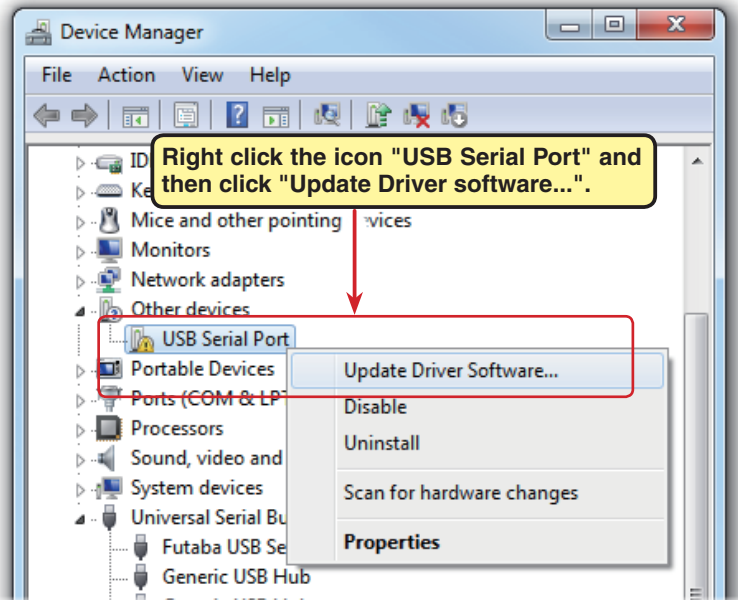**5.** During installation, a "Would you like to install this device software?" is displayed. Click "Install".

Click "Install".

6. When "Windows has successfully up-
dated your driver software" appears,
click "Close".

Update Driver Software - Futaba USB Serial Port

Windows has successfully updated your driver software

Windows has finished installing the driver software for this device:

Futaba USB Serial Port

Click "Close".

Close

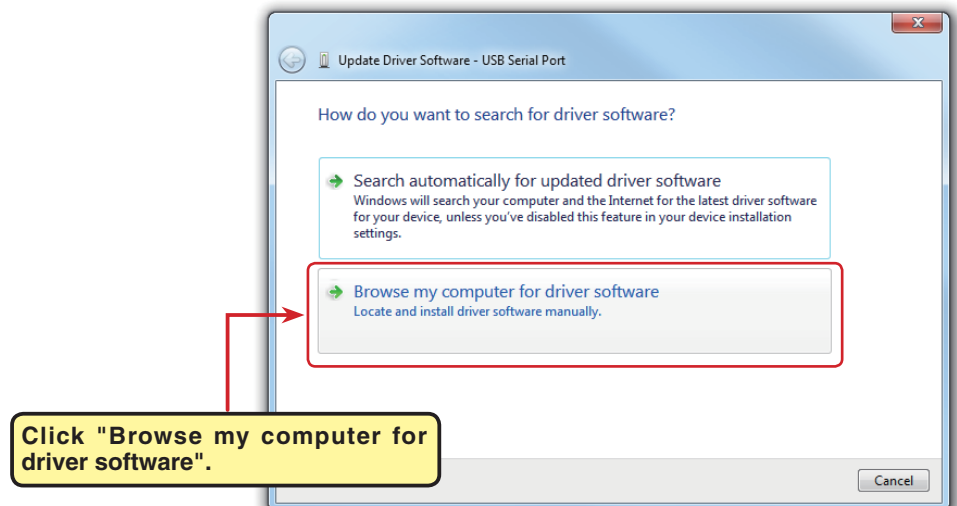**7.** Open the Windows Device Man-
ager.

Right click the icon "USB Serial
Port" and then click "Update Driv-
er software...".

Device Manager

File   Action   View   Help

Right click the icon "USB Serial Port" and
then click "Update Driver software...".

ID
Ke
Mice and other pointing   vices
Monitors
Network adapters
Other devices
    USB Serial Port
Portable Devices   Update Driver Software...
Ports (COM & LPT   Disable
Processors   Uninstall
Sound, video and
System devices   Scan for hardware changes
Universal Serial Bu
    Futaba USB Se   **Properties**
    Generic USB Hub
    Generic USB Hub

8. Click "Browse my computer for driver software".

Update Driver Software - USB Serial Port

How do you want to search for driver software?

→ Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software
for your device, unless you've disabled this feature in your device installation
settings.

→ Browse my computer for driver software
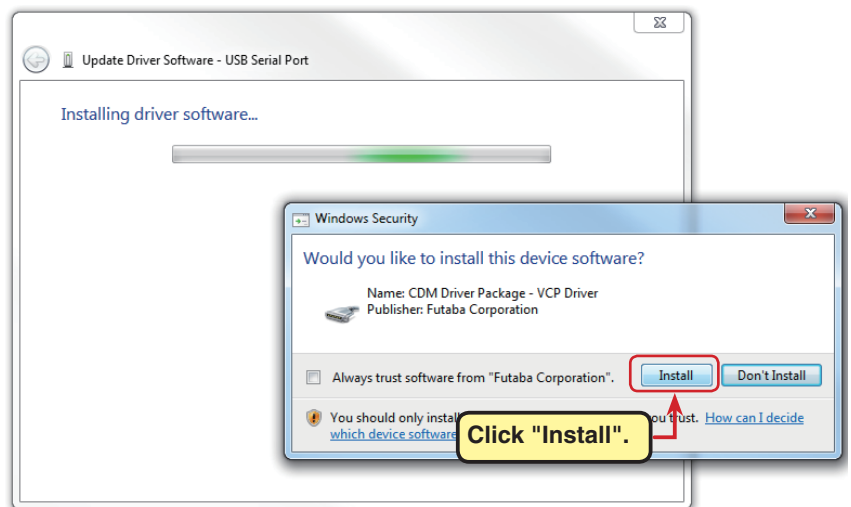Locate and install driver software manually.

**Click "Browse my computer for
driver software".**

Cancel

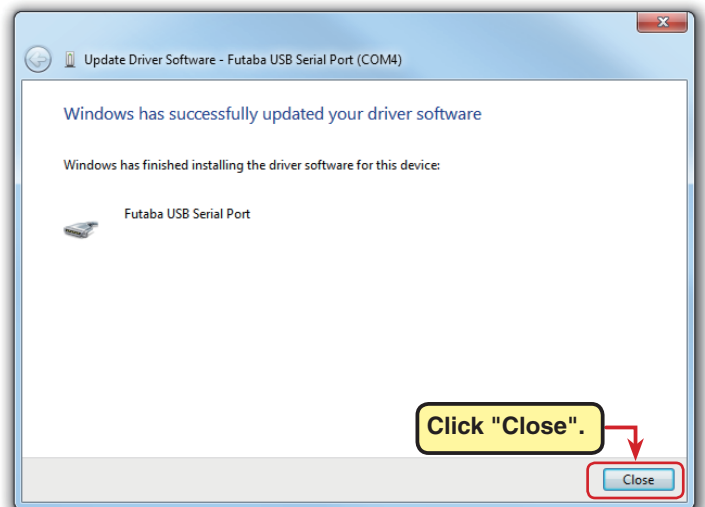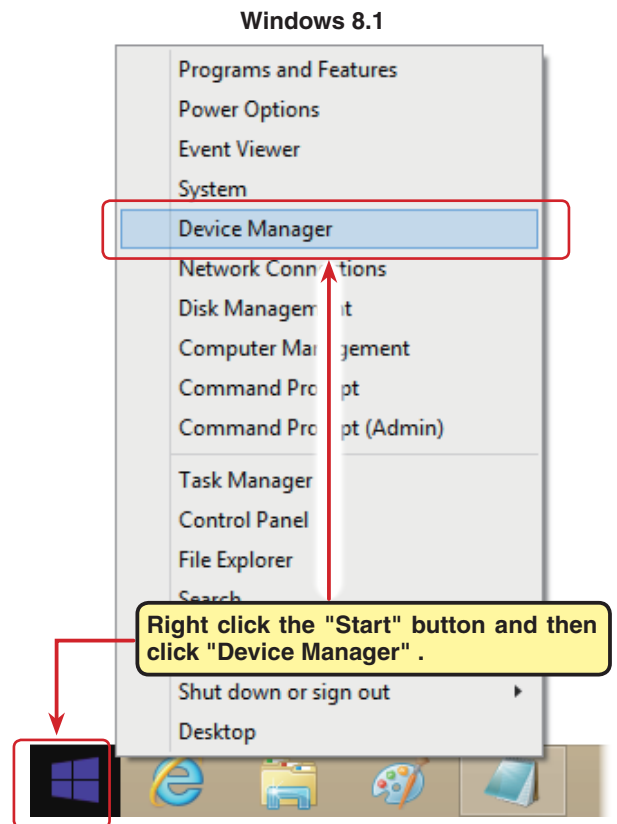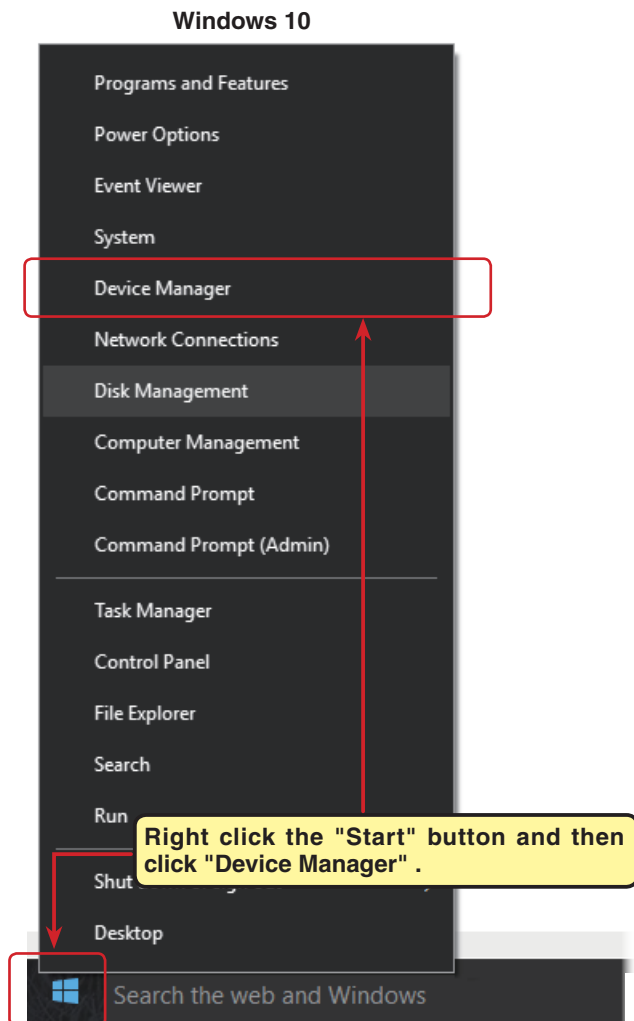**9.** Make sure a check mark is in the box for "Includes subfolders" and select the CDM v2.12.10 WHQL Certified_futaba folder using the "Browse" button and then click "Next".

Update Driver Software - USB Serial Port

Browse for driver software on your computer

Search for driver software in this location:

I:\Download\CDM v2.12.10 WHQL Certified_futaba   Browse...

☑ Include subfolders

Select the CDM v2.12.10 WHQL Certified_futaba folder using the "Browse" button.

driver software in the same category as the device.

Click "Next".

Next   Cancel

10. During installation, a "Would you like to install this device software?" is displayed. Click "Install".

Update Driver Software - USB Serial Port

Installing driver software...

Windows Security

Would you like to install this device software?

Name: CDM Driver Package - VCP Driver
Publisher: Futaba Corporation

☐ Always trust software from "Futaba Corporation".   Install   Don't Install

⚠ You should only install   ou trust. How can I decide
which device software   **Click "Install".**

12. When "Windows has successfully updated your driver software" appears, click "Close".

Update Driver Software - Futaba USB Serial Port (COM4)

Windows has successfully updated your driver software

Windows has finished installing the driver software for this device:

Futaba USB Serial Port

Click "Close".

Close

This completes installation of the CIU-2 drivers. Next, set the COM port. (Page12)

# Driver installation (Using Windows 8.1/Windows10 as an example)

1. To open Windows Device Manager. From Windows desktop, right click on the "Start" button. and then click "Device Manager" .
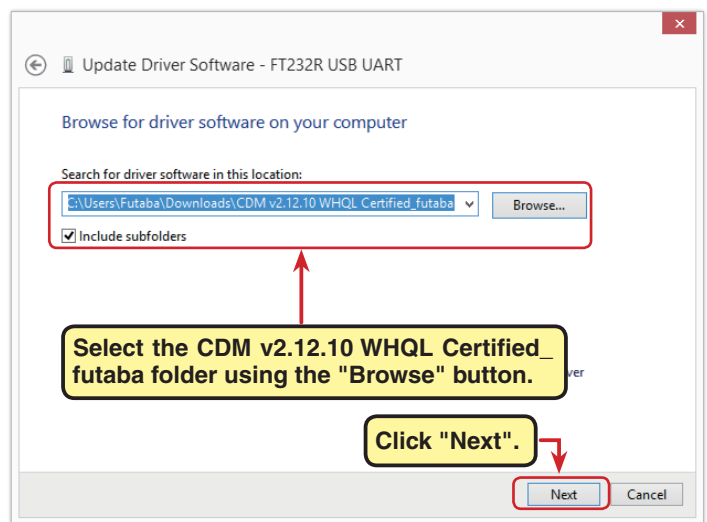
Windows 10

Right click the "Start" button and then click "Device Manager" .

Windows 8.1

Right click the "Start" button and then click "Device Manager" .

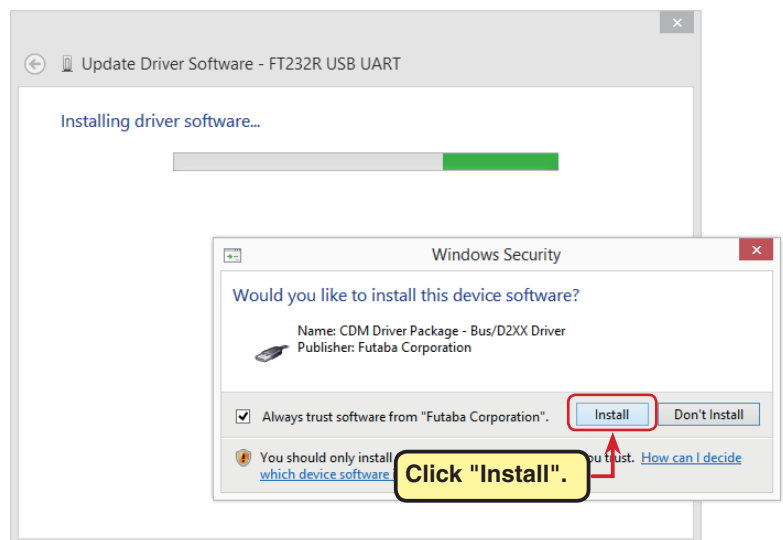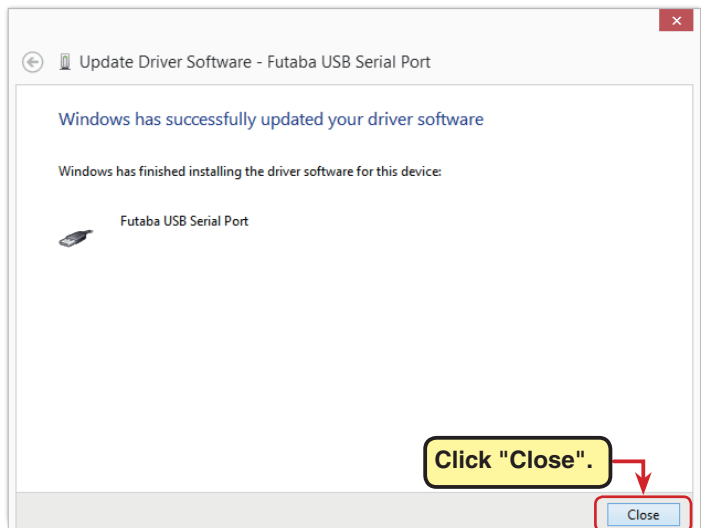**2.** Right click the icon "FT232R USB UART" and then click "Update Driver software...".

Right click the icon "FT232R USB UART" and then click "Update Driver software...".
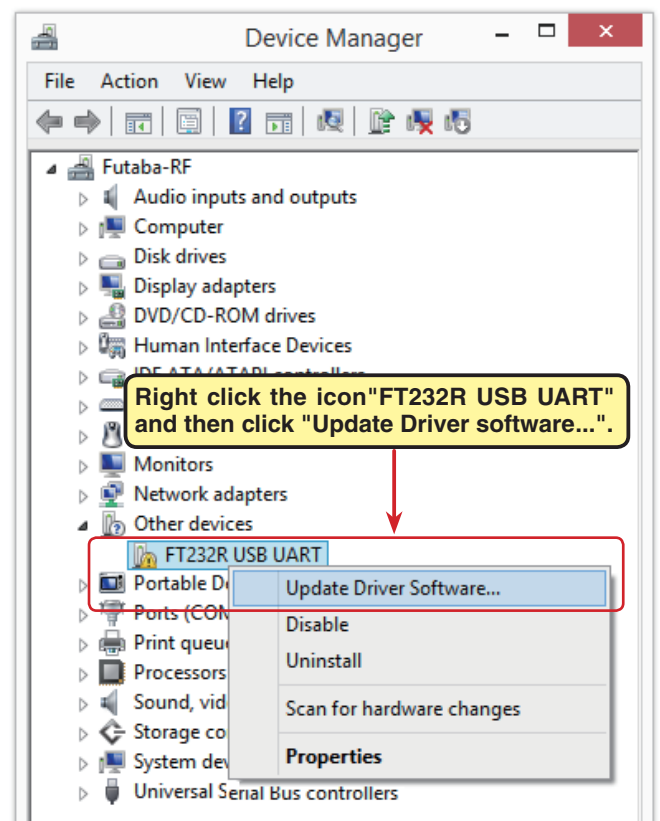
3. Click "Browse my computer for driver software".
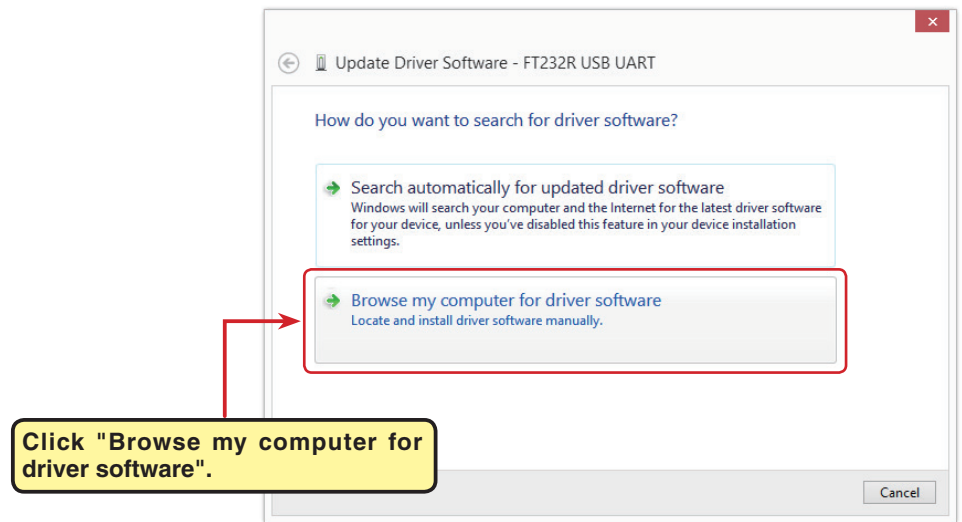
4. Make sure a check mark is in the box for "Includes subfolders" and select the CDM v2.12.10 WHQL Certified_futaba folder using the "Browse" button and then click "Next".

5. During installation, a "Would you like to install this device software?" is displayed. Click "Install".

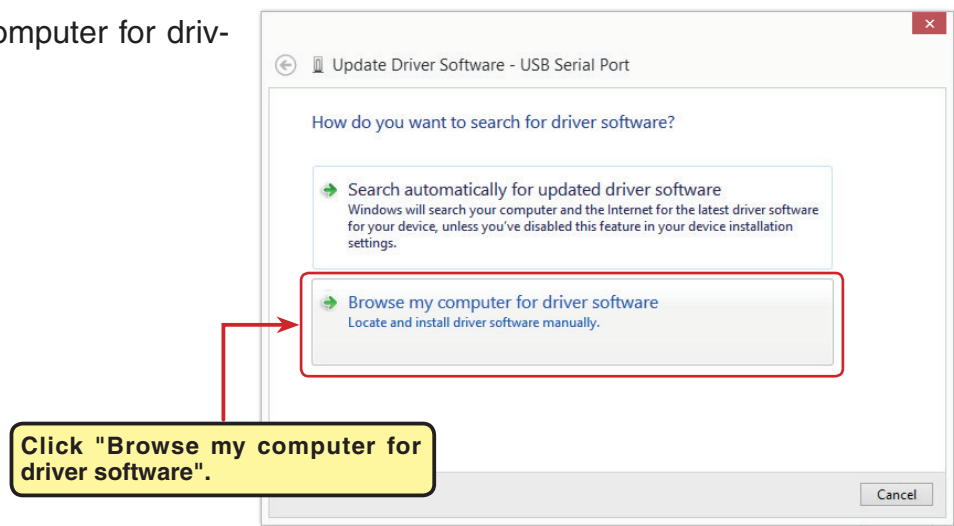**6.** When "Windows has successfully updated your driver software" appears, click "Close".
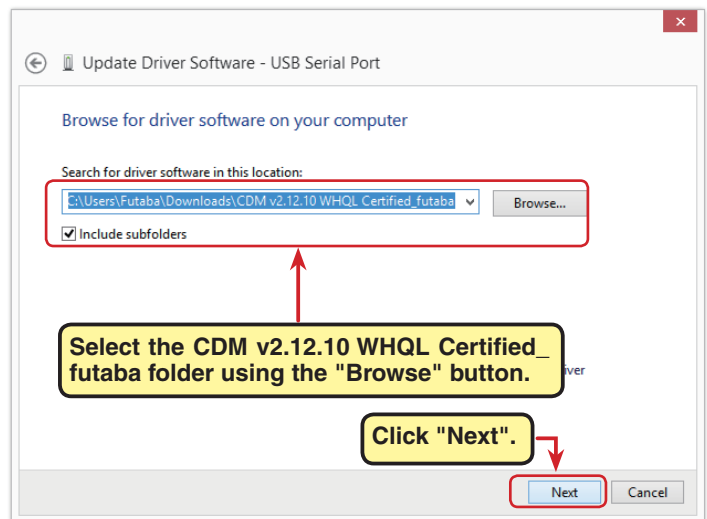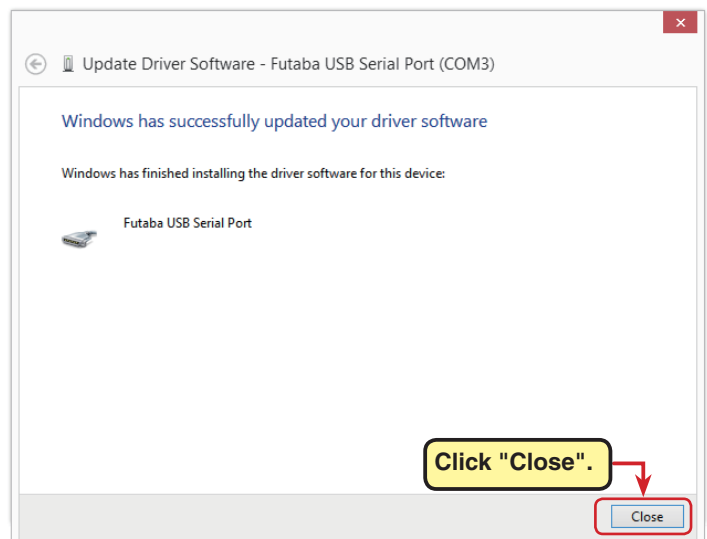

7. Open the Windows Device Manager.

8. Right click the icon "USB Serial Port" and then click "Update Driver software...".
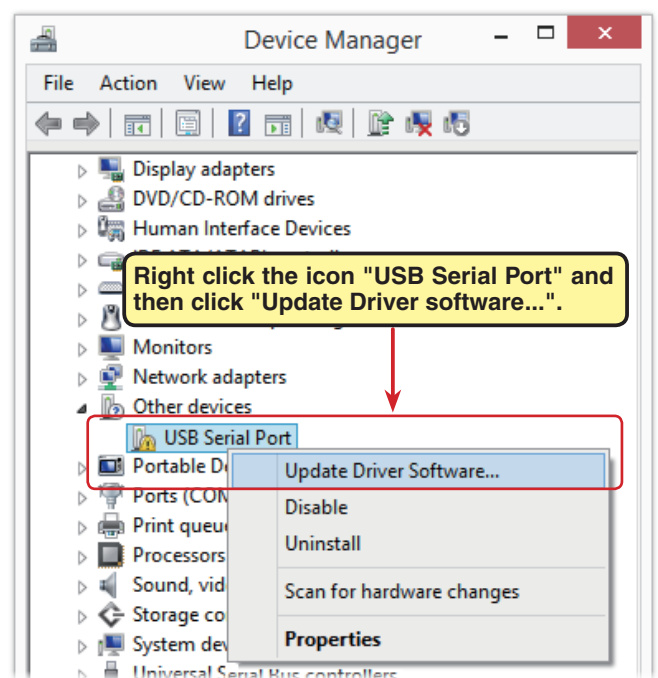
9. Click "Browse my computer for driver software".

10. Make sure a check mark is in the box for "Includes subfolders" and select the CDM v2.12.10 WHQL Certified_futaba folder using the "Browse" button and then click "Next".

Update Driver Software - USB Serial Port

Browse for driver software on your computer

Search for driver software in this location:

C:\Users\Futaba\Downloads\CDM v2.12.10 WHQL Certified_futaba   Browse...

☑ Include subfolders

Select the CDM v2.12.10 WHQL Certified_ futaba folder using the "Browse" button.

Click "Next".

Next   Cancel

11. When "Windows has successfully updated your driver software" appears, click "Close".

Update Driver Software - Futaba USB Serial Port (COM3)

Windows has successfully updated your driver software

Windows has finished installing the driver software for this device:

Futaba USB Serial Port

Click "Close".

Close

This completes installation of the CIU-2 drivers. Next, set the COM port. (Page12)

COM port confirmation and setting

When the drivers are installed and the CIU-2 and Windows PC can communicate with each other, the LED on the CIU-2 lights green.

Next, to use the CIU-2 and Link programs, COM port number confirmation and setting by Windows Device Manager are necessary.

LED lights green.

COM port confirmation

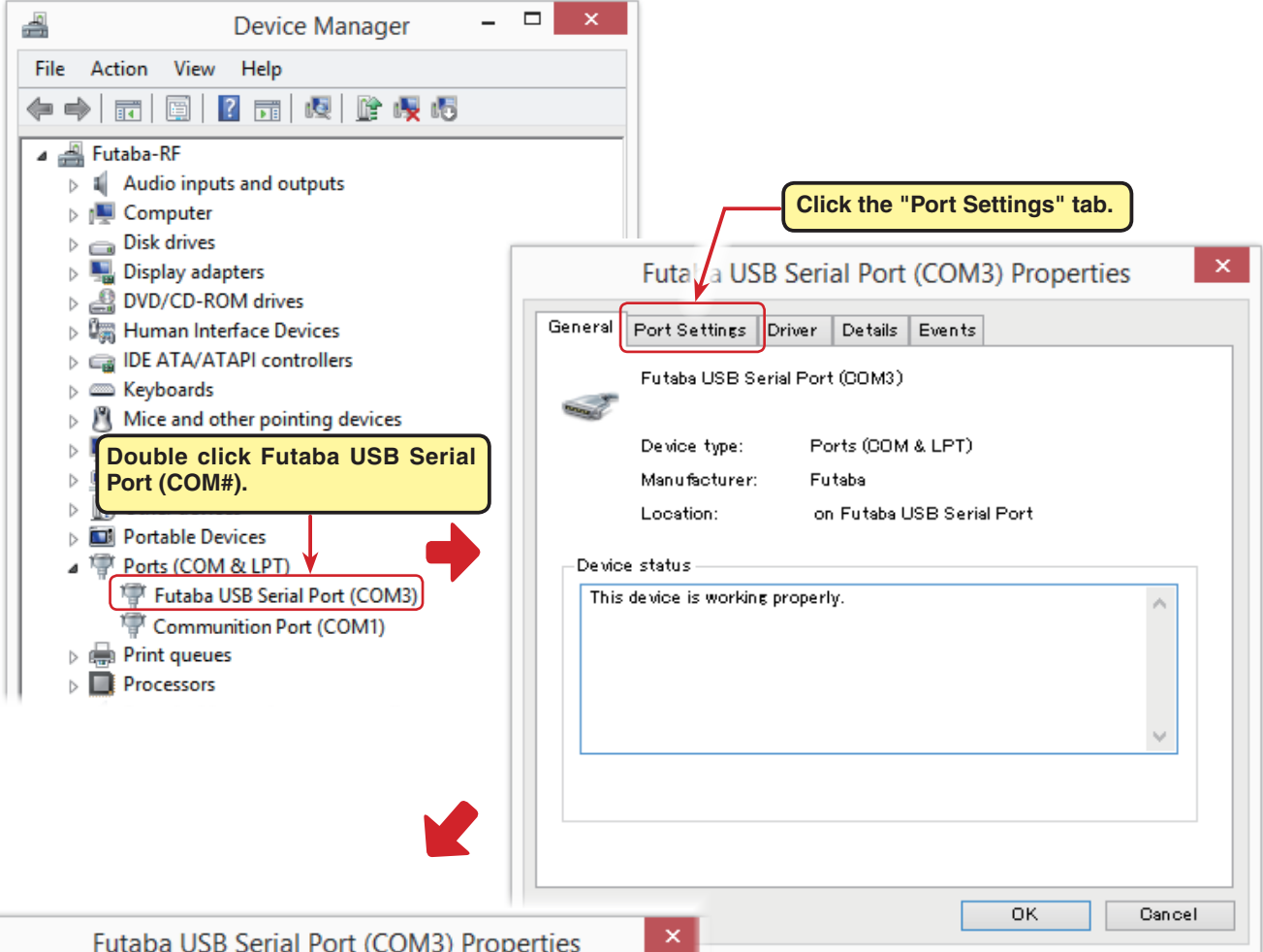*** The following description uses Windows XP as an example.)**

1. Open the Windows Device Manager.

Windows Vista and Windows 7 (see page 4)

Windows 8.1 and Windows 10 (see page 8)

2. Double click "Ports (COM&LPT)" of Device Manager. A list of ports is displayed. Confirm the COM number. "#" of Futaba USB Serial Port (Com #) is the COM number. In the example shown below, the COM number is COM3. However, this number will differ depending on the computer system used. Always check the COM number, because the Link program has a COM setting.

Double click Ports (COM&LPT).

Confirm COM #.
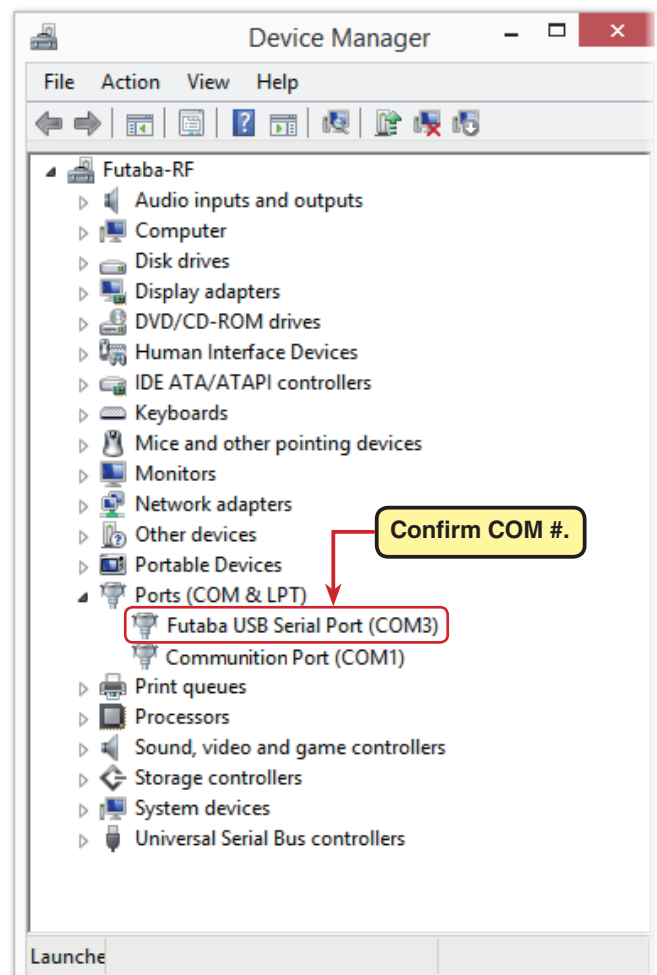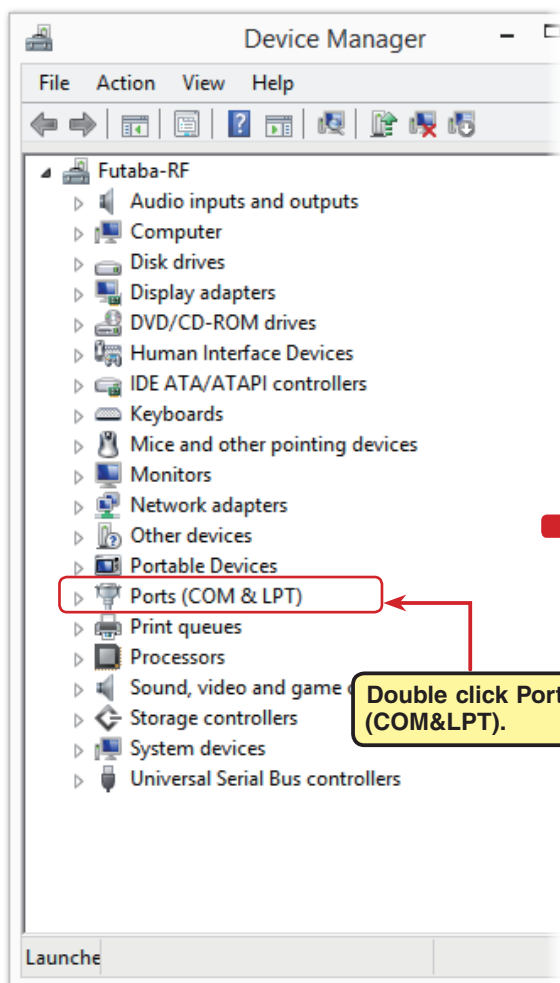
COM port setting

Set the COM port.

Double click the "Futaba USB Serial Port (COM#)" icon. The Futaba USB Serial Port (COM#) properties are displayed. Click the Port Settings tab and refer to the following and set the communications parameters and then end by clicking the "OK" button. Close the Device Managers, etc.

Bits per second:	9600
data bits:	8
parity:	Odd
Stop bits:	1
Flow control:	None

Set each Port settings item as shown in the table above.