Tzar™-2000plus   User Manual

Rev. C

WillPoD

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CONTENTS

Feature and Composition

Tzar …

is very easy to install and to use because it provide the interface of both USB and IEEE1394.

You can move with carrying Tzar by storing important official data and digital multimedia data.

You can expand storage by installing Tzar even though you use a storage device that is not easy to expand such as a laptop.

It is convenient to carry large data wherever you move.

Feature of Tzar

It is possible to work without an additional electronic power service. (However, you might need a 5V adapter in case of the typical specification of some PC).

It equips the function of Plug & Play that can recognize the installing automatically when you connect a connector between PC and Tzar.

It provides Hot Plug & Unplug that can adhere and detach without power on PC. Whenever you want to use Tzar you just plug in.

It can be installed large size of hard disk up to a thickness of 12.5mm into Tzar.

It provides a small size of portable installing CD. It is convenient to deposit in a portable case.

It provides outstanding compatibility – you can use Tzar no matter what PC supports USB 1.1 or USB 2.0 or IEEE1394

It can stand comparison with a general regular HDD because it supports 484Mbps for USB 2.0 and 400Mbps for IEEE1394

Composition of Tzar

One Main body of Tzar HDD Drive

One USB CABLE

One Additional Power Cable

One IEEE1394 CABLE

One user Manual

One install CD

One case for handheld

One Cross Driver

(Option: an adapter)

System Requirements

* Computer: PENTIUM II 233(or higher) or MAC

* Ram: MEMORY 64MB (or higher)

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OS: MS WINDOWS 98SE/ ME/ 2000/ XP or MAC OS 8.6 (or higher)

Interface: USB 1.1, USB2.0 PORT or IEEE1394 PORT

CD ROM Drive (Only for USB)

✍✍ You need an USB 2.0 Host controller to use an USB 2.0.

✍✍ You need an IEEE1394 Host controller to use an IEEE1394 port.

Do not connect both an IEEE1394 and an USB cable simultaneously.

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Name and work for each assembly

LEDs from left to right,

> HDD (RED) : It is to show the situation accessing HDD.
>
> USB2.0 (YELLOW) : It is to indicate connected USB 2.0.
>
> USB (GREEN 1) : It is to indicate connected USB.
>
> POWER (GREEN 2): It is to indicate connected IEEE1394.

An adopter jack of an external power : It is inputted 5V by External Power adapter.

IEEE1394 CONNECTOR : It is to connect into PC using an IEEE1394 cable.

USB CONNECTOR : It is to connect into PC using USB cable.

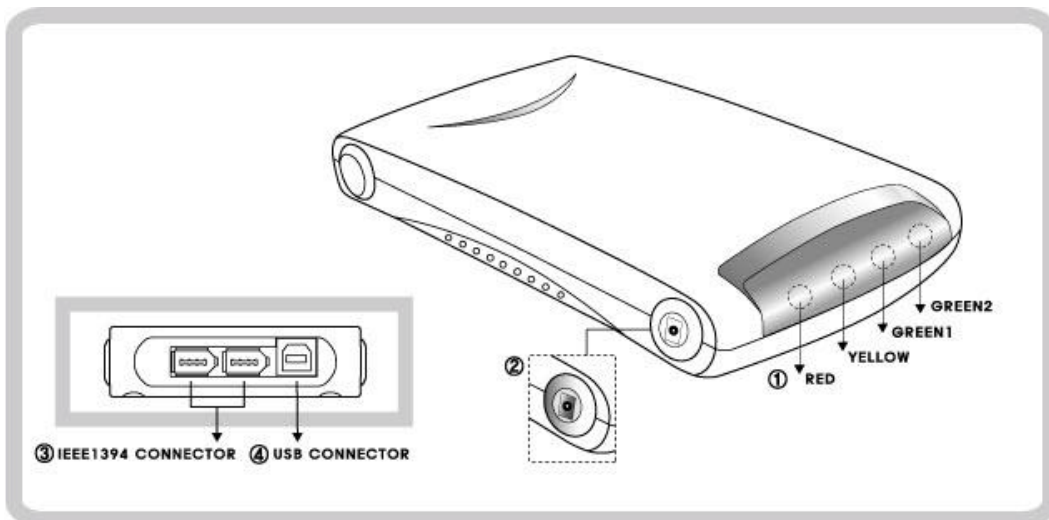USB Cable : It is to connect between Tzar and PC by USB interface.

IEEE1394 Cable : It is to connect between Tzar and PC by IEEE1394 interface.
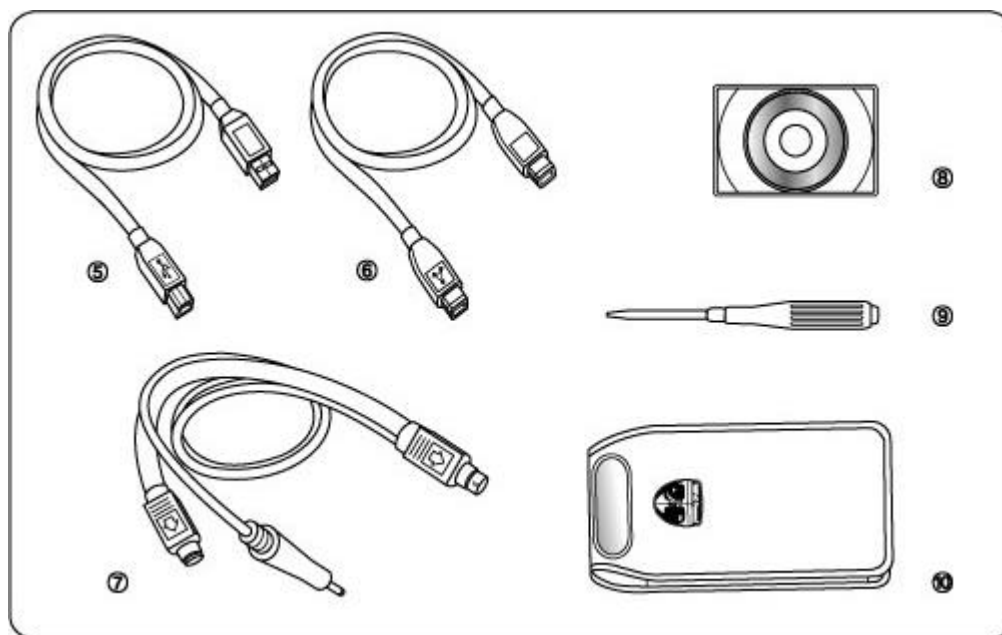
Additional Power Cable : It is to use it as a laptop or a PC has insufficient of power.

Driver CD :It is for USB. You need it when you want installing USB interface.

Installation Driver : It is necessary for installing 2.5" HDD.

Case for handheld : It is to protect for external shock.
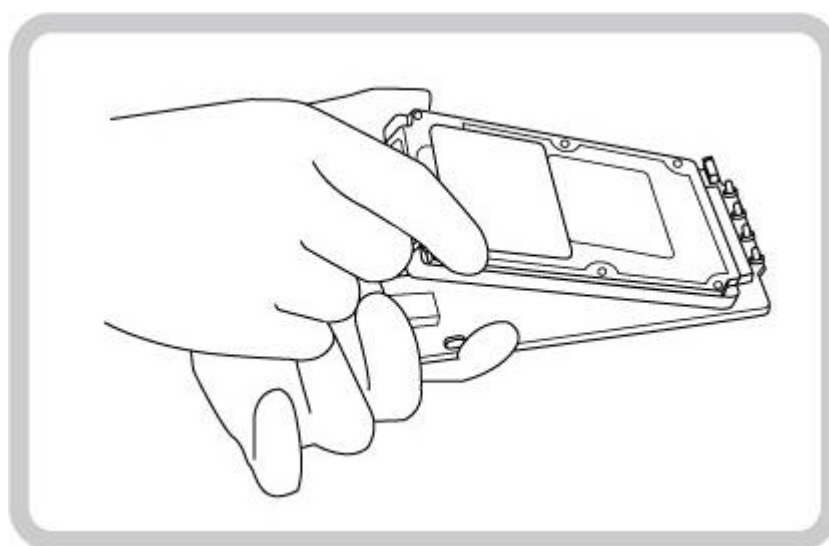
Assembling HDD

Tzar has two kinds of model. One is embedded HDD and the other is embedded HDD.

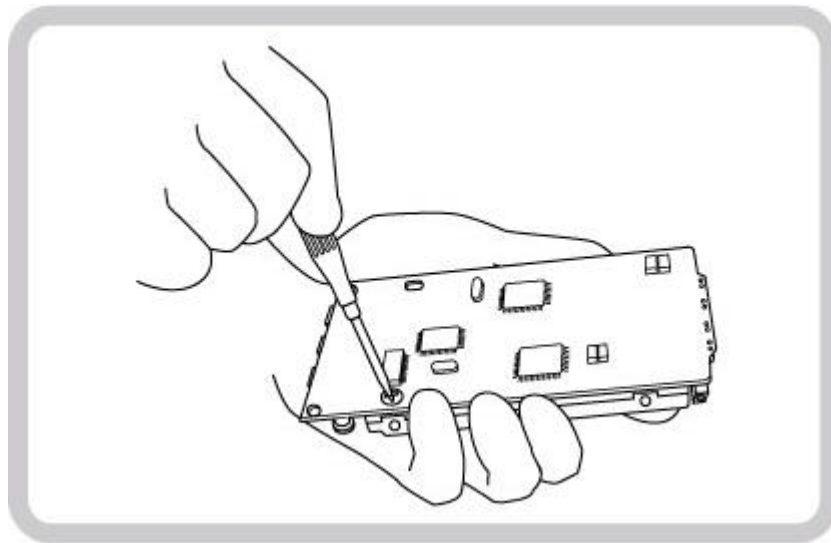You have to buy a HDD for yourself if you buy the Tzar without embedded HDD.

You have to buy a new HDD because some old HDD cannot plug into Tzar.

Please, perform the following steps below for assembling HDD.

First of all, remove case cover.

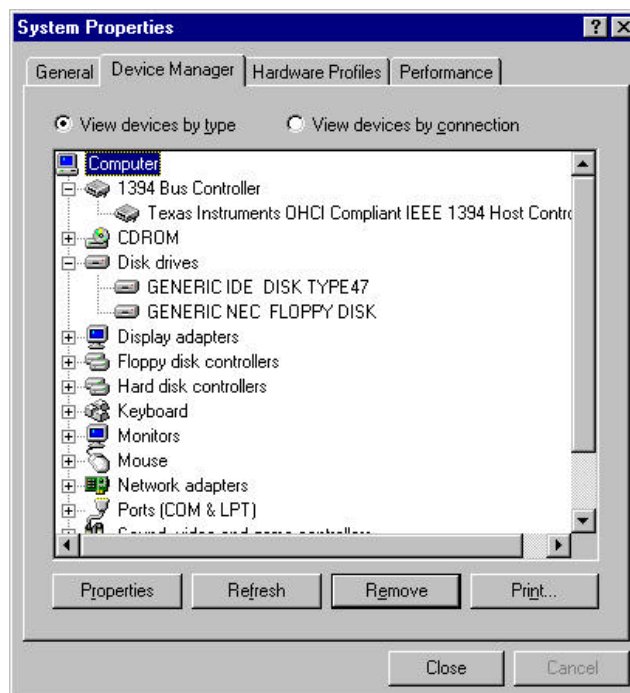After pushing and fitting HDD into case like the above figure,

Assemble PCB and HDD with the screw.
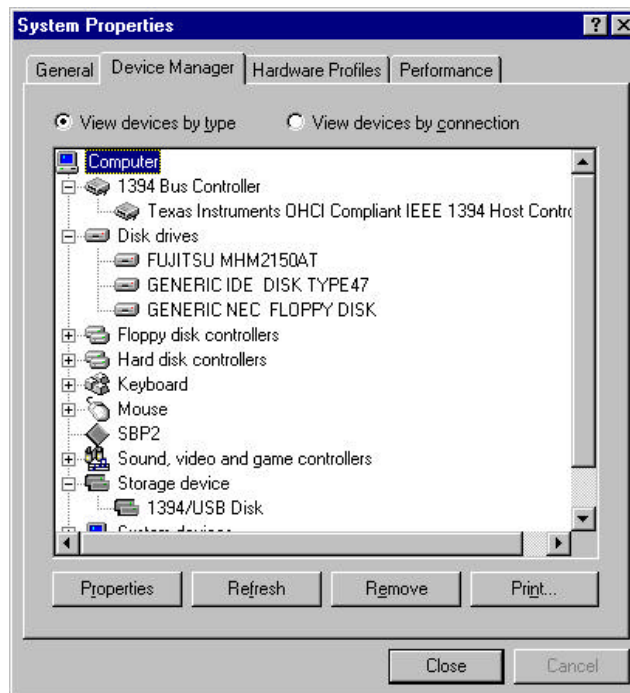
Hardware Installation Guide

When you use MS Windows 98SE(or higher) or MAC OS 8.6(or higher) to use the IEEE1394, you do not have to install a driver. (You can use Tzar without installation driver.)

Start　　Setting　　Control Panel　　System and then you could see screens like the below picture. Before installing IEEE1394 in WINDOWS 98SE / ME
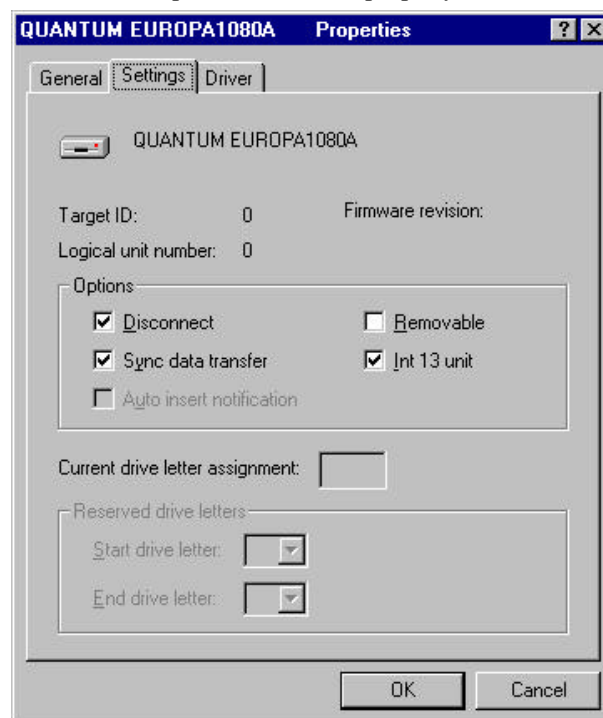

After installing IEEE1394 in WINDOWS 98SE / ME

There is created a new hard disk in driver chapter and is made a sector of storage device, then there is added IEEE1394 disk like the above picture.

If the new HDD was formatted have no partition, a driver property will be set like the below picture.

You can format and assign a partition like the following order.

1. Install 'FDISK.EXE' after executing MS-DOS window mode in the situation of connecting.

2. Select the second thing in 'Changed fixed hard disk drive'.

3. Divide a primary or extend partition.

4. Connect again USB or 1394 cable after closing MS-DOS window mode.

5. Format if there is asking about formatting a new assigned partition by Windows.
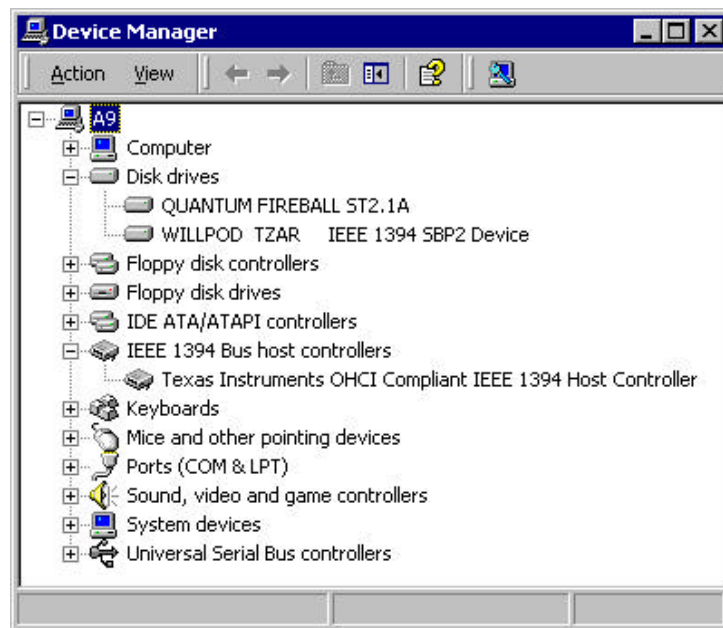
Notice : If you can not format so that it contains the contents in the hard disk. You should tick 'Removable' and then assign a drive letter.

In case of Windows 2000, Start　Setting　Control Panel　System. You could see a screen like the below picture after clicking Device Manager in Hardware tap

Before installing IEEE1394 in WINDOWS 2000

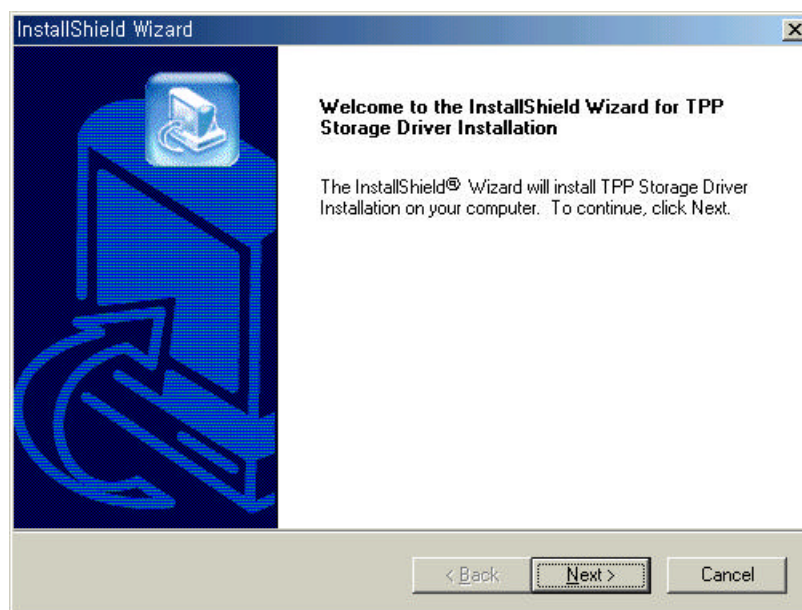After installing IEEE1394 in WINDOWS 2000

New hard disk will be added in Disk Drive after being connected by an IEEE1394 and an IEEE1394 disk will be added as a storage device.

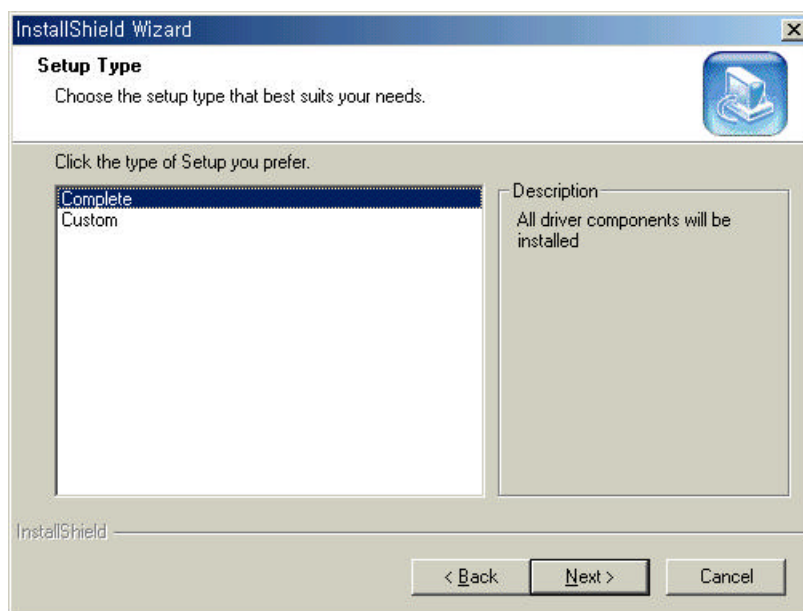In case of USB, you should install a file in INSTALL CD.

　　Windows NT 4.0 dose not support USB.

Driver Installation Method (Windows98SE / ME / 2000 / XP)
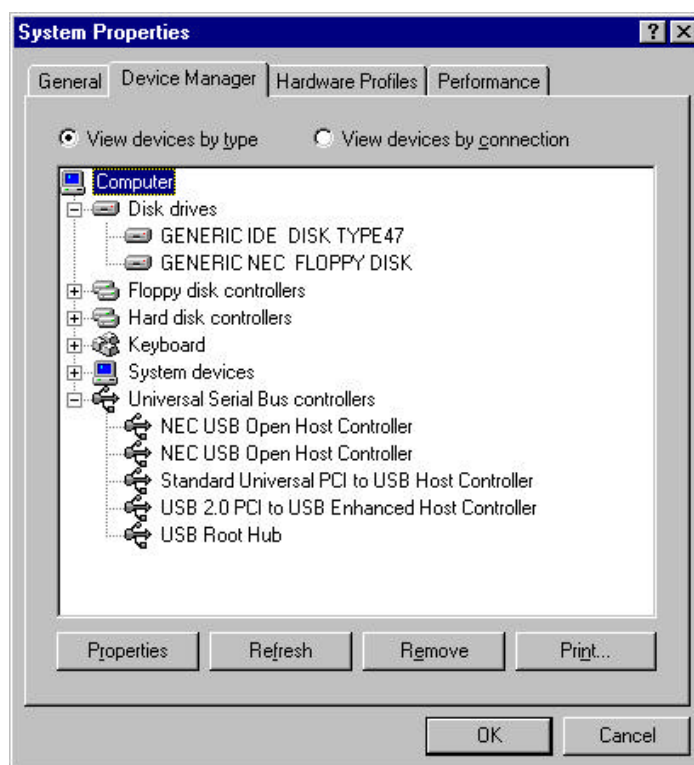

Run (..\preinstaller\tppinst_5_04.exe) in INSTALL CD and then you could see a screen like the above
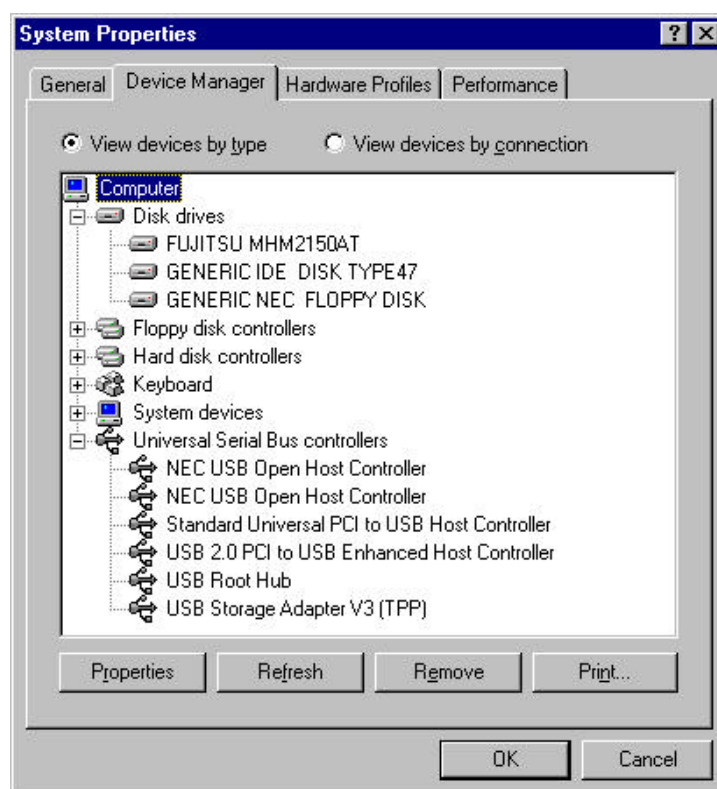
picture. Click 'Next'.

It is 'Setup Type'. Generally, choose 'COMPLETE' and then click 'Next'.

Before Tzar connect by USB (windows 98SE / ME)

After Tzar connect by USB (windows 98SE / ME)

If new HDD was formatted have no partition, driver property will be set like a below picture.
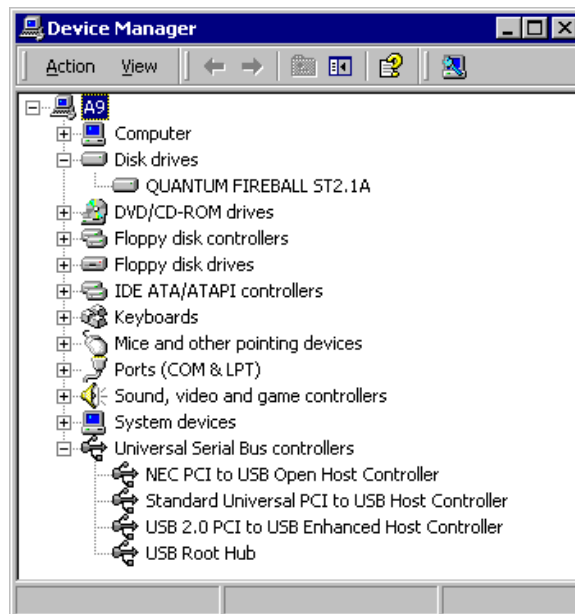
You can format and assign a partition like the following order.

    1. Install 'FDISK.EXE' after executing MS-DOS window mode in the situation of connecting.
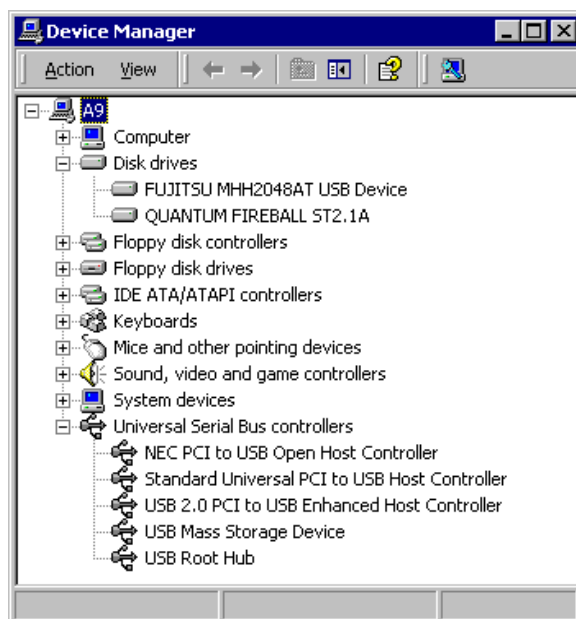
2. Select the second thing (just installed) in 'Changed fixed hard disk drive'.

3. Divide a main partition and an extension partition.

4. Connect again USB or 1394 cable after closing MS-DOS window mode.

5. Format if there is asking about formatting a new assigned partition by Windows.

Notice : If you can not format so that it contains the contents in the hard disk. You should tick 'Removable' and then assign a drive letter.

Before connecting Tzar by USB (Windows 2000)

After connecting Tzar by USB (Windows 2000)
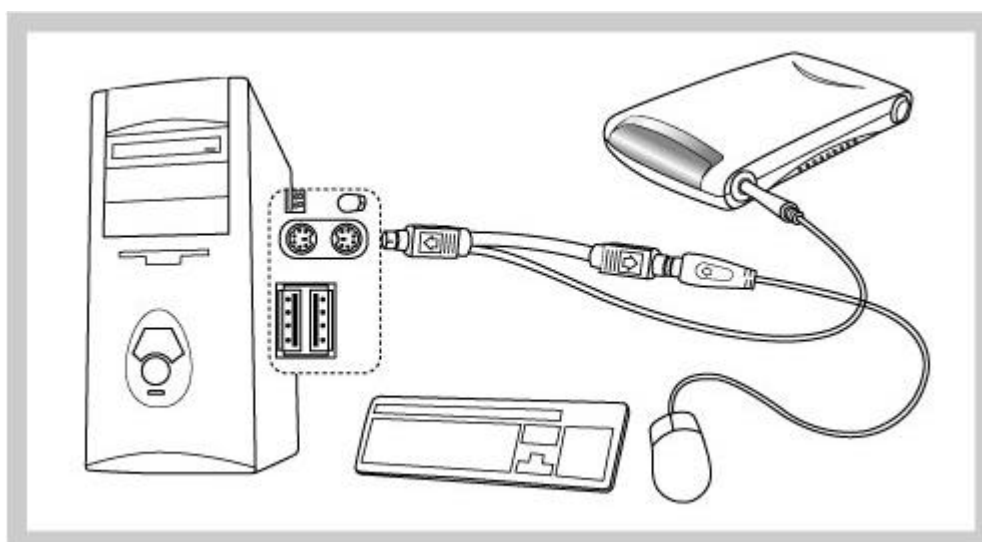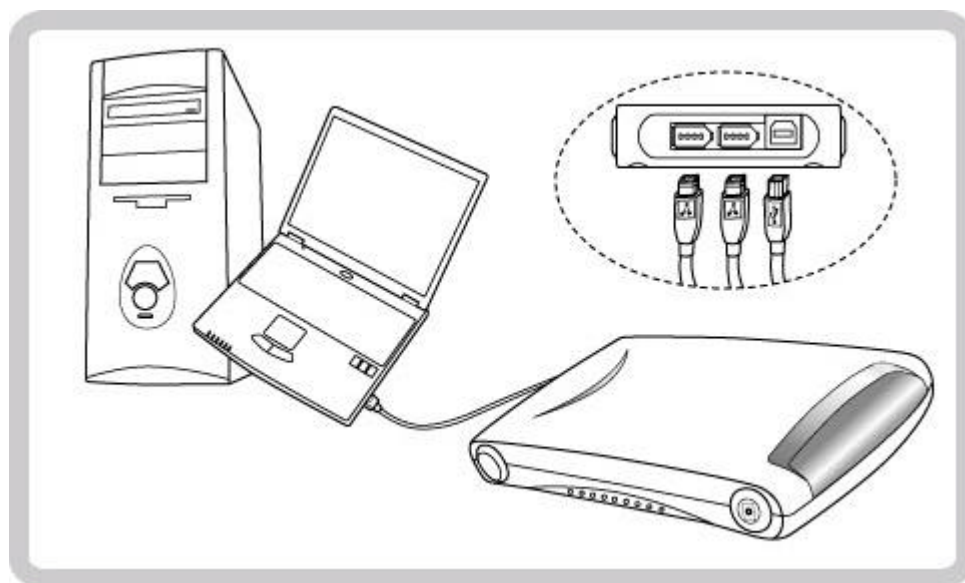
Cable Connect Method

There are tow kinds of cable. One is an USB cable and the other is an IEEE1394 in Tzar

Choose a proper cable depending on your system

There can be insufficient of power to use USB HDD in some laptop or desktop PC. In case of that, we

recommend you to use an Additional Power Cable or to buy 5V adapter (option)

Refer the below picture for connecting cables.

Notice

HDD is sensitive to impact. Especially, you should use HDD carefully while HDD is running.

Avoiding a humid climate and Keeping it dried place.

Use a portable case when you carry Tzar.

Avoiding when you use in high temperature and separate it from PC when you do not use PC.

Do not connect an IEEE1394 and an USB at the same time. It could be a cause of trouble.

When Tzar is connected to PC in Windows ME or Windows 2000, Tzar icon is showed in the system tray. I recommend that you plug out Tzar from PC when you choose "remove device "in icon of system tray.

Warning message when you plug out Tzar imperfectly.

Before you Request Service..

1. HDD does not work.

Confirm cables connected perfectly. It should connect between Tzar and PC, or confirm USB and IEEE1394 is connected to PC at the same time. (Remove USB cable or IEEE1394 cable..)

2. Tzar does not work when you use USB but work well when you use IEEE1394.

It is caused when power is insufficient. I recommend you use an Additional Power Cable.

3. Tzar does not work when you use IEEE1394 with Note PC or PCMCIA Card.

It is caused when power is insufficient. I recommend you use an Additional Power Cable.

?? Confirm the USB controller or the IEEE1394 controller are perfectly installed in your PC. You can

check them in Device Manager.

The manufacturer do not responsible for destruction of data in HDD

Address and Phone Number

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#211,Daeryong Technotown 3rd,448, Gasan-Dong,Keumchon-Gu, Seoul Korea

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#605,Yuchun Factopia,196 Anyang 7-Dong, Manan-Gu, Anyang-City, Kyunggi-Do,Korea

Tel : 82-31-467-3030   FAX : 82-31-467-3031

SERVICE CENTER

#28, Sun-In Plaza 22Dong,16-1, Hangangro -2Ga,Yongsan-Gu,Seoul Korea

Tel : 82-2-717-8812   FAX : 82-2-717-8813

FCC Compliance Statement

Caution : Any changes or modifications in construction of this device which are not

expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is

  connected.

- Consult the dealer or an experienced radio/TV technician for help.