

## Using Windows XP Self Recovery

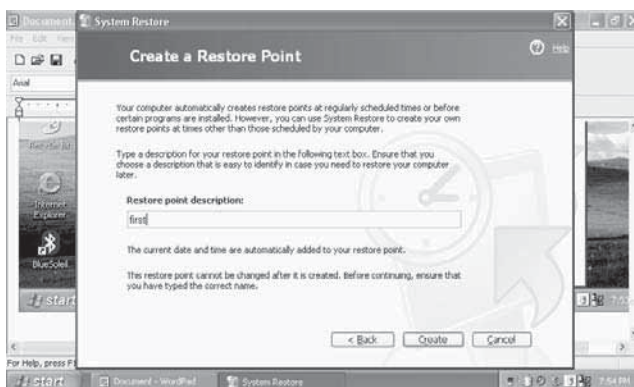
Windows' Recovering function restores the system to a saved point.

Set a Restore Point when the computer is normally operating and use it when needed. Note that data and programs saved or installed after the selected restore point will be deleted once the computer is restored.

Please make a backup copy of important data made after the restore point before restoring the computer to the previous status.(email addresses and Favorites are preserved.)

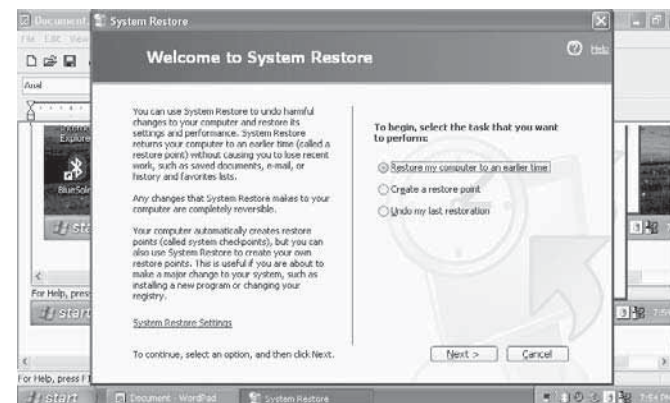
### 1. Setting the Restore Point

- Go to Start > All Programs > Accessories > System Tools > System Restore
- Select "Create a Restore Point" and click "Next".
- Enter a remark in the description box and click "Create."
- A restore point is created

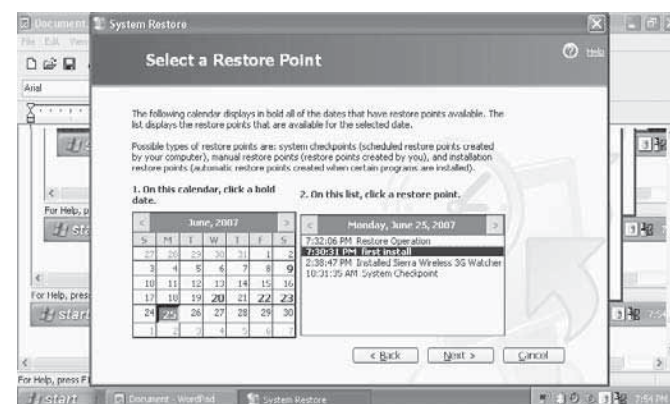


### 2. Restore the computer to an earlier state

- Click Start > All Programs > Accessories > System tools > System Restore
- Select "Restore my computer to an earlier time" and click "Next".

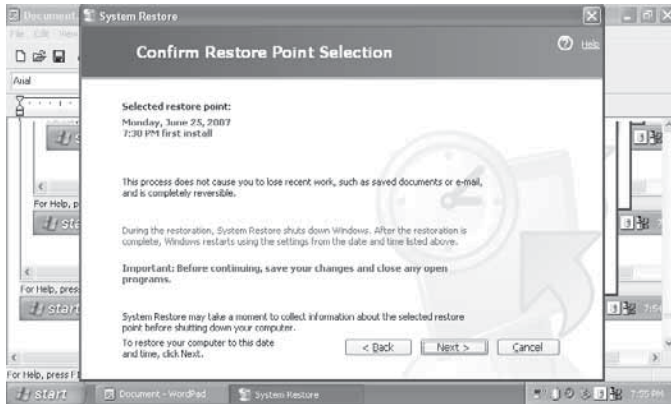


- Select a date on the calendar to which the system be restored, and select a list on the right box, and click "Next".



## 6. Recovering Windows XP - Using Windows XP Self Recovery

- Confirm the restore point and click "Next". The computer will restart and restore.



- When finished restoring, the system will restart. Press "OK" at the confirm window. Restore is successfully completed to the designated point

## 7. Reinstalling the Drivers

- 7-1 Reinstalling the Display Adapter
- 7-2 Reinstalling WiFi Driver
- 7-3 Reinstalling the Multimedia Audio Controller
- 7-4 Reinstalling AES(Crypto Device)
- 7-5 Reinstalling the Serial Devices (Bluetooth use)
- 7-6 Reinstalling the ExpWin Program

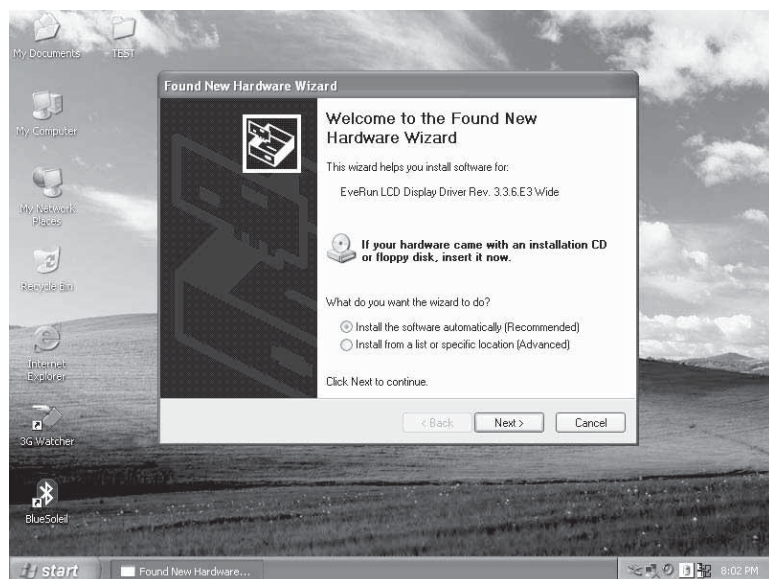
All the necessary drivers are installed when first purchased.  
Refer to the following guidelines when reinstalling Windows or drivers.  
Certain devices may not work without required drivers, which may even cause system failure.

To check the driver status,  
go to Start > Control Panel > Administrative Tools > Computer Administrator > Device Manager.

- When reinstalling Windows, Direct-X 9.0 must be installed after all the drivers are installed for the normal operation of the system.  
Direct-X 9.0 is available either from the Set-up disk provided or Microsoft homepage

The latest version of all the drivers required for the device are downloadable at the company homepage: [www.raondigital.com](http://www.raondigital.com).

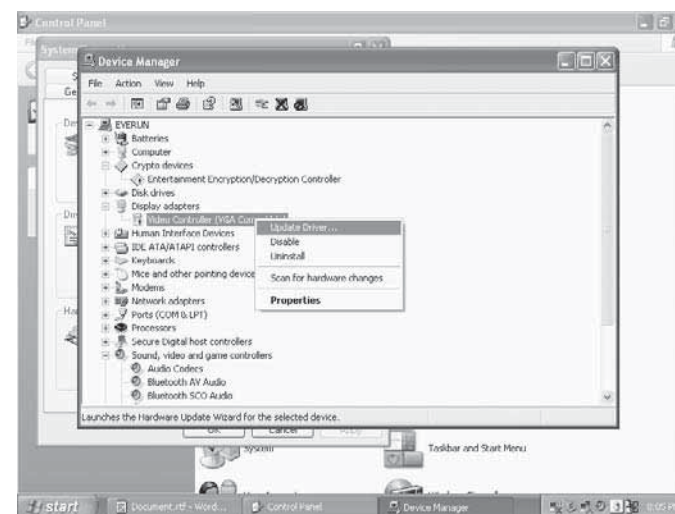
- To reinstall a driver, uninstall the existing driver and restart the system.
- When Windows is restarted, "Found New Hardware Wizard" window is activated as below.  
Please do not click "Next". Cancel all installation.



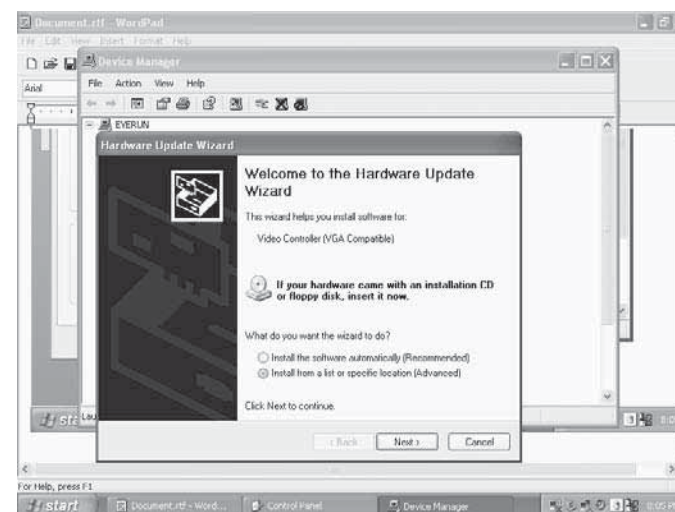
### Display Adapter

Reinstalling the Display Adapter

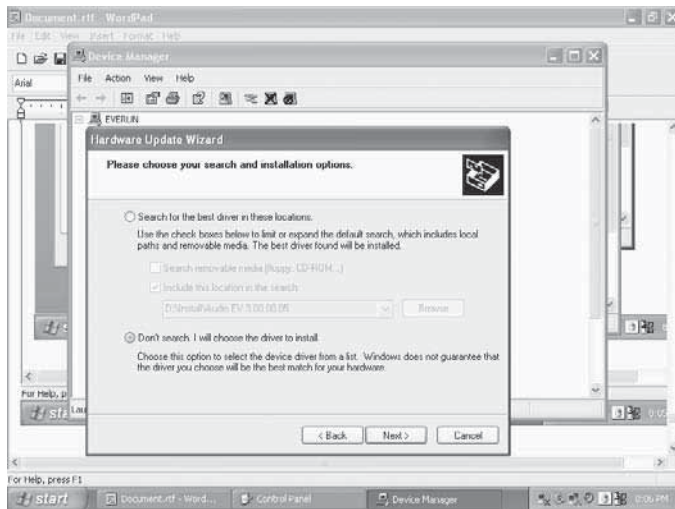
Go to Control Panel > System > Hardware > Device Manager  
select video controller and right-click, and then select "Driver Update."



Select "Install from a list or specific location" and click "Next".

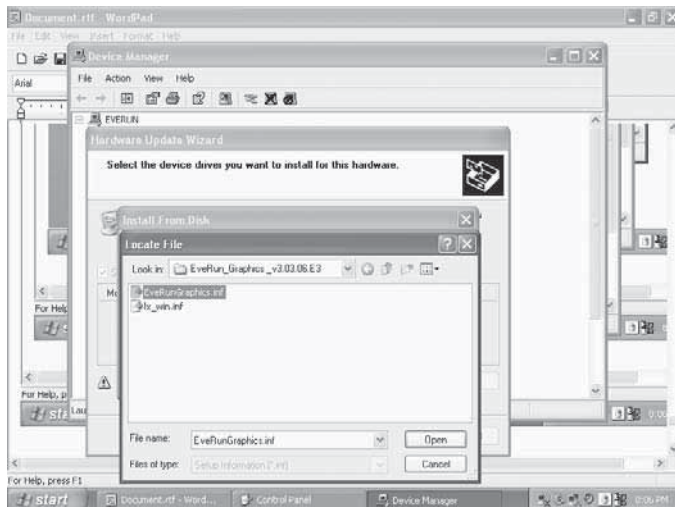


Select "Don't search, I will choose the driver to install" and click "Next".



Click "Have Disk."

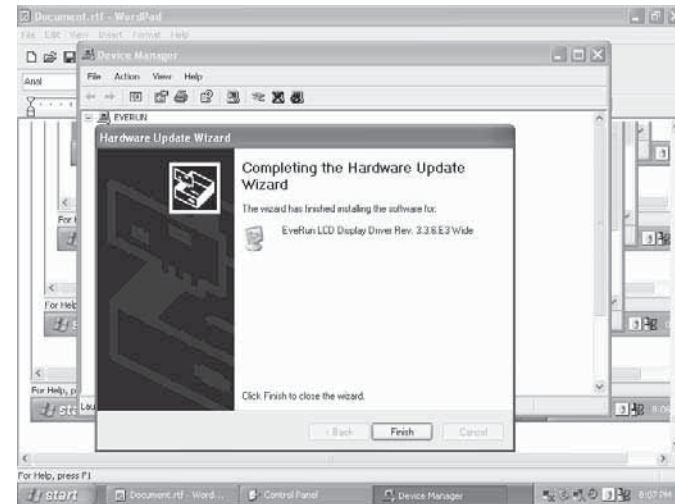
Go to the location where the driver is, select "EverunGraphics" and click "Open."



A message window saying

"Did not pass Windows compatibility test. Continue?" will appear in about 30 seconds. Click "continue."

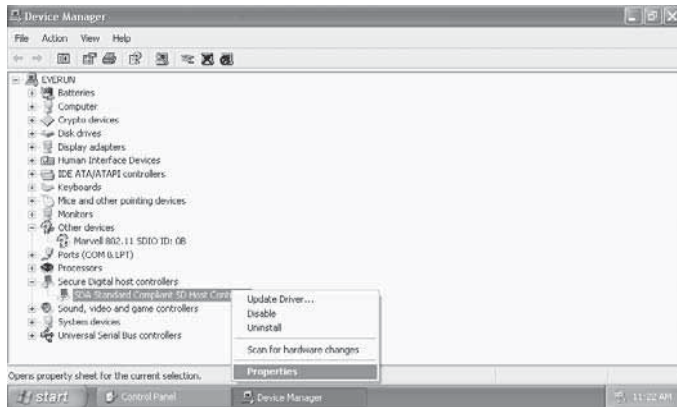
Below shows that the installation is completed successfully. Click "Finish" to exit.



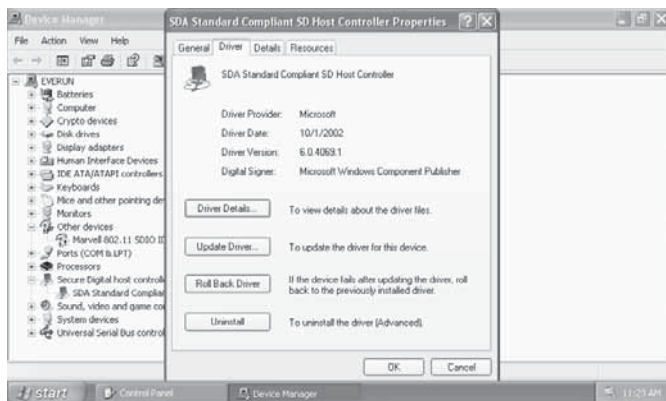
## Reinstalling WiFi Driver

- ! For WiFi to operate, SDHC(Secure Digital Host Controller) has to be operating normally. To install WiFi driver, Secure Digital Host Controller has to be installed beforehand. SDHC is installed automatically in Windows, but Everun requires additional patch shown below.

Go to “Device Manger” and right-click “SD Host controller” to select “Properties”.

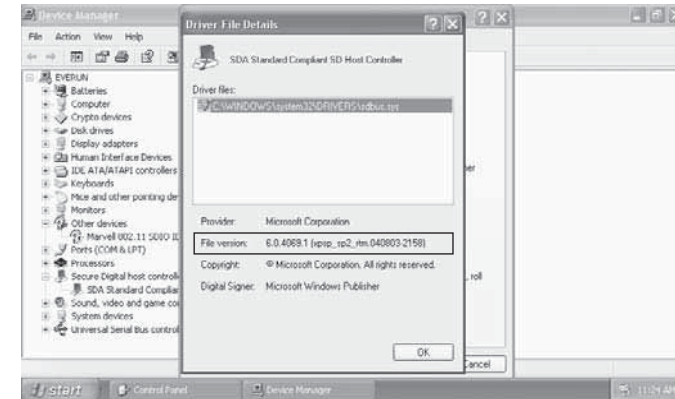


Select “Driver Details” on the driver Tap



If “Driver file details” windows is shown as below, patch is required.

- ! Driver manager can go back to the previous setting before patching, when “Secure Digital Host Controller” is deleted while using.



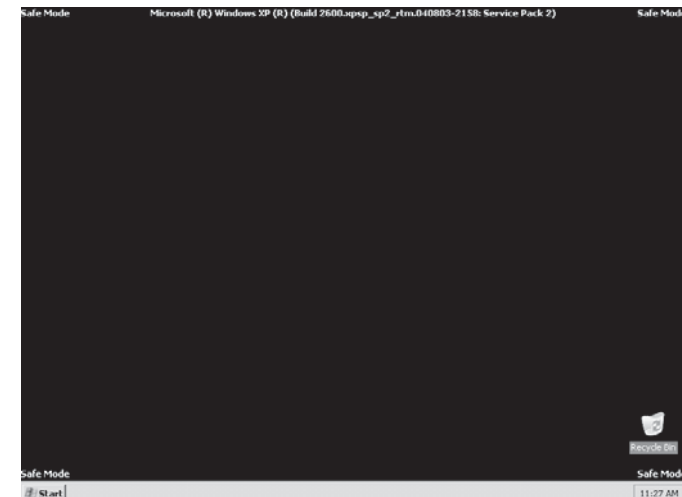
- ! Patching “Secure Digital Host Controller” should be done in Safe Mode of Windows.

Select “Restart” on “Turn off computer” windows.

While restarting, press “F8” key repeatedly to activate “Windows Advanced Option Menu”.

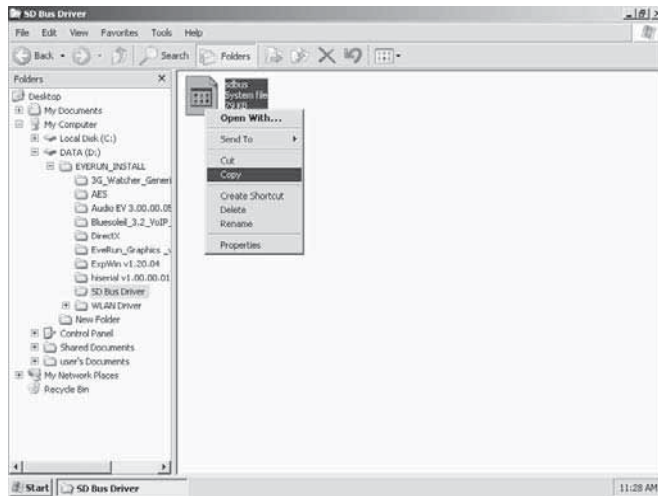
Select “Safe mode”.

The below picture is the start image of the Safe mode.

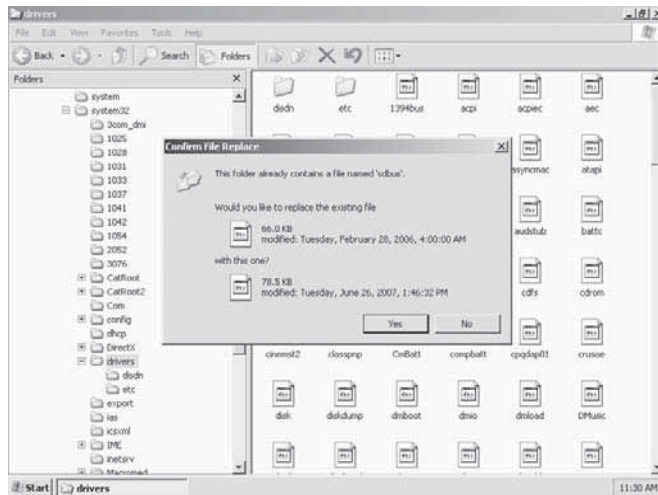




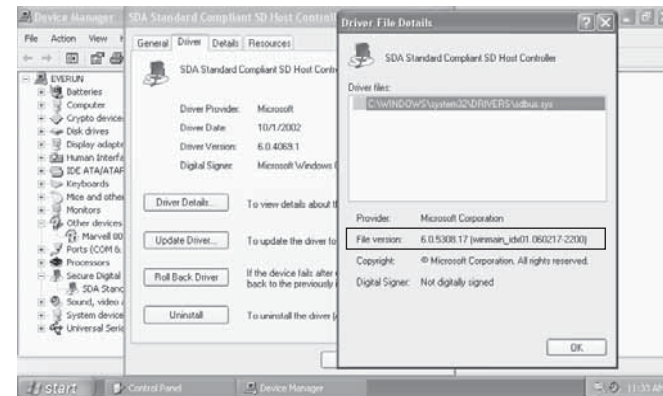
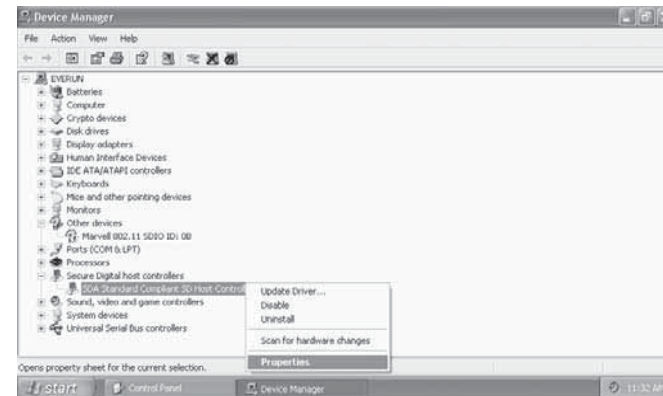
Copy “sdbus system file” in SD Bus Driver among install files.



Paste the copied “sdbus system file” to Windows/System32/drivers. Replace the existing file with the new one.

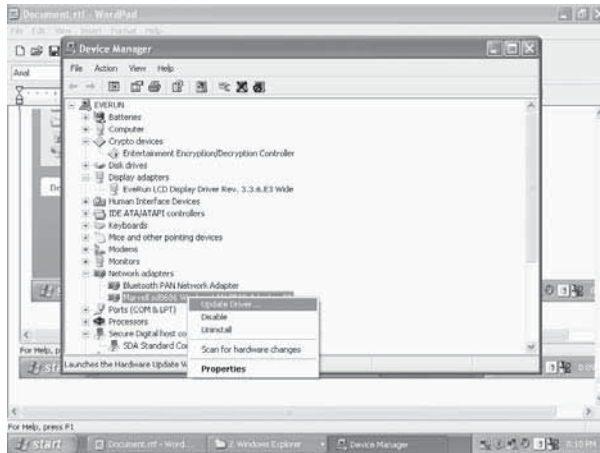


After file copying, restart windows normally.  
After restarting, right-click “SD Host controller” to select “Properties”.

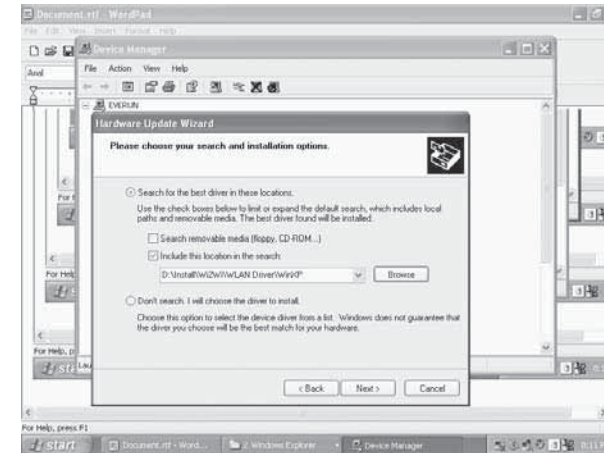


! Driver manager can go back to the previous setting before patching, when “Secure Digital Host Controller” is deleted while using.

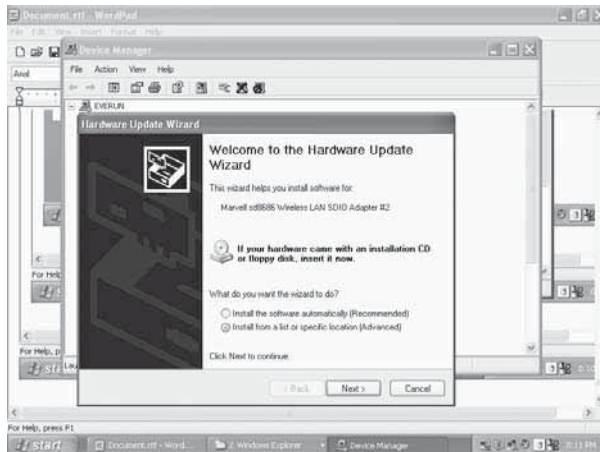
After patching SDHC, select Marvell 8686 in Network adapters and Right-click to select "Update Driver".



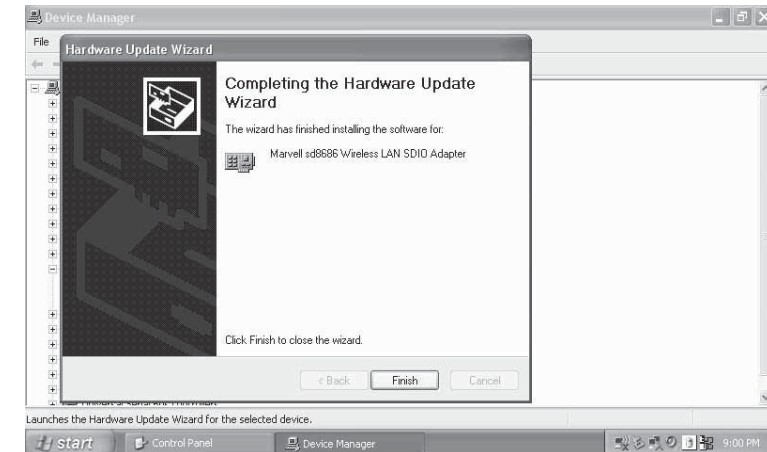
Browse and select the location of the WLAN driver and click "Next".



In Hardware update wizard, select "install from a list or specific location" and click "Next".

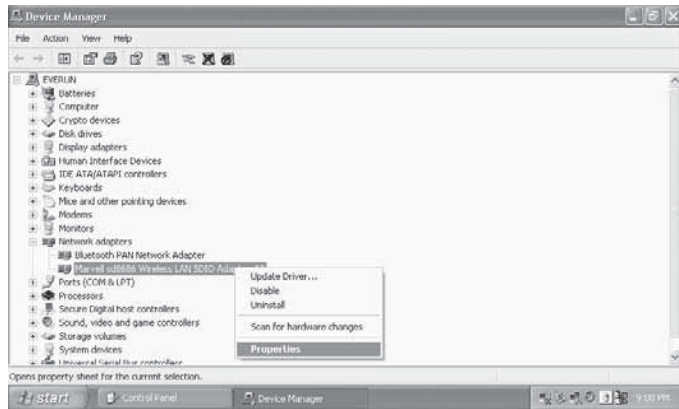


After completing the installation, click "Finish".

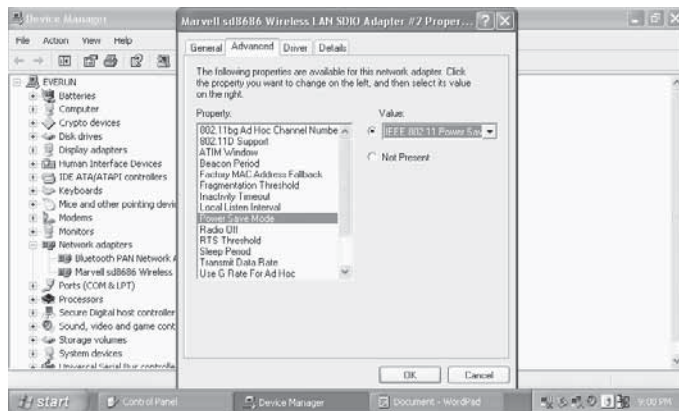


## 7. Reinstalling the Driver - WiFi

For effective battery power management, change the properties of Marvell sd8686.



In Properties menu, move to “Advanced” and select “Power Save Mode”.  
Set a value as “IEEE 802.11 Power Save Mode”.



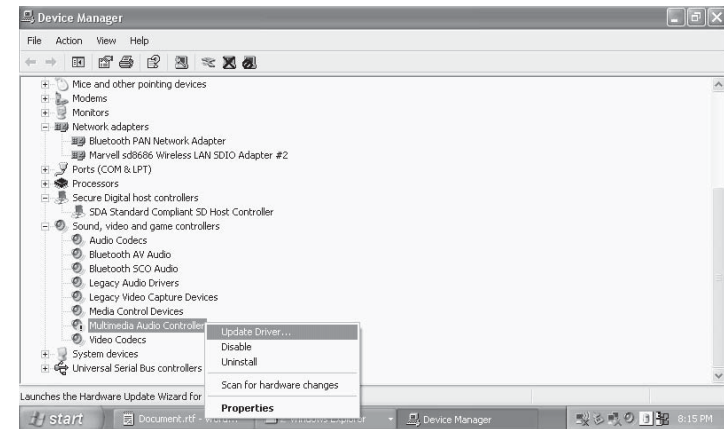
When the built-in WiFi is not being used, The WiFi radio will switch off to save power.  
For this reason, there is no switch for WiFi.  
If you're not using WiFi for a long time, set “Disable” to save even more power.

- ❗ When the speed is slow in internet or network connectivity is unstable, set “Disable” for Power save mode.  
To change setting value between Default Mode(IEEE 802.11 Power Save) and Disable is possible in Expwin program or by short-cut key (Fn+F10).
- ❗ When Processor priority is set to High or Real time for a program like movie player, WLAN can be disable in Power Save Mode.

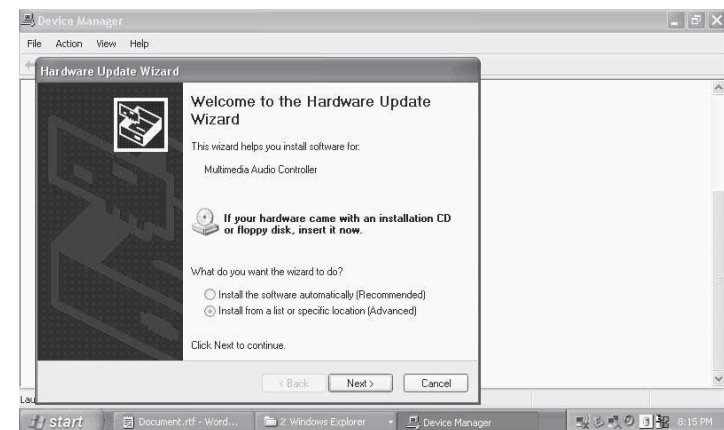
## 7. Reinstalling the Driver - Multimedia Audio Controller

### Reinstalling Multimedia Audio Controller

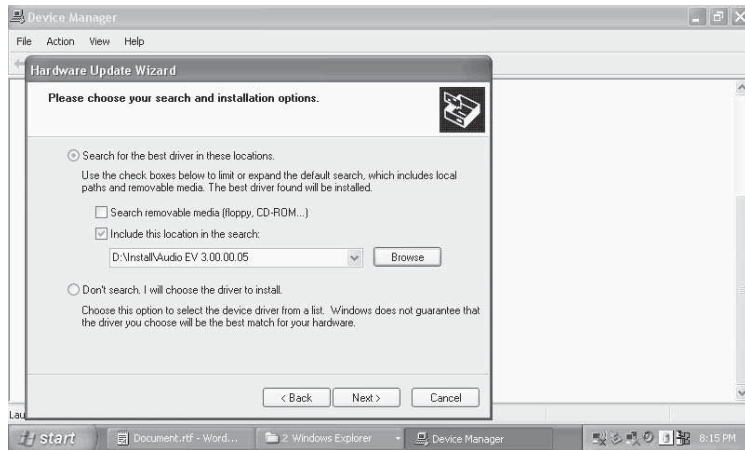
Go to Control Panel > System > Hardware > Device Manager, and select the “Multimedia Audio Controller” on the list below the sound, and video, .... and right-click to select “Driver Update”.



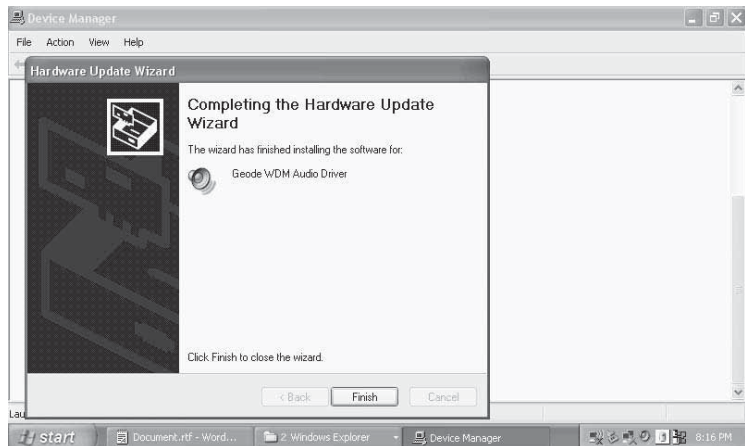
Click the “Browse” to find the location of the Audio Driver, and click "Next".





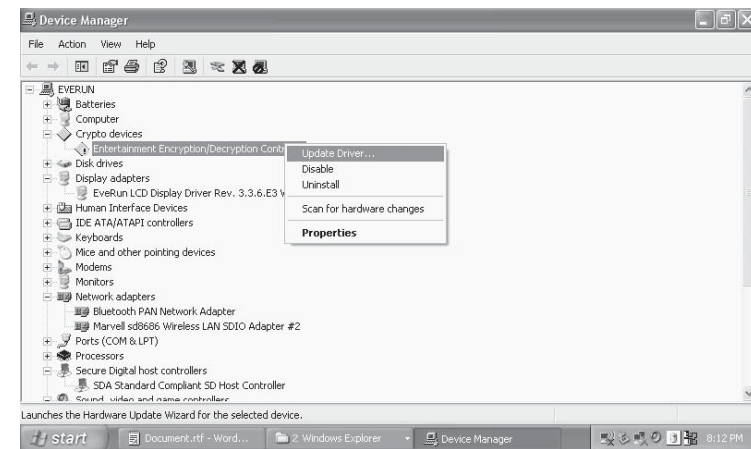


Installation is completed successfully. Click “Finish” to exit

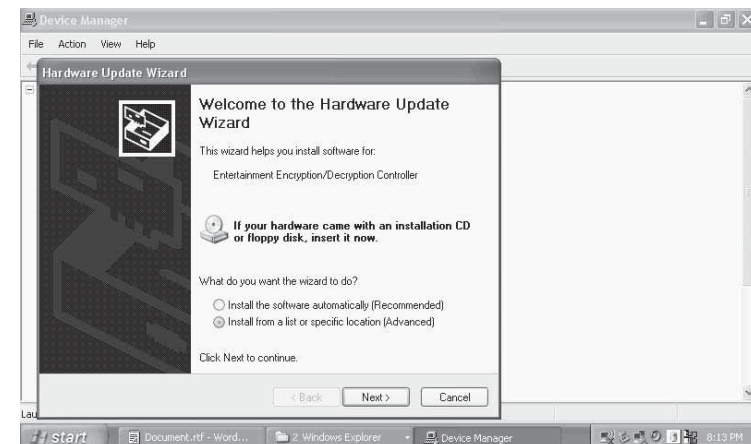


## Reinstalling AES(Crypto device)

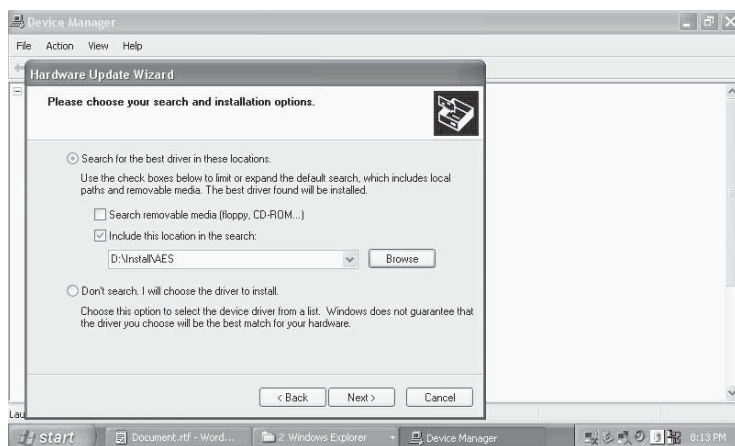
Go to Control Panel > System > Hardware > Device Manager, and right-click at the Crypto Device or sub device of AES to select Driver Update.



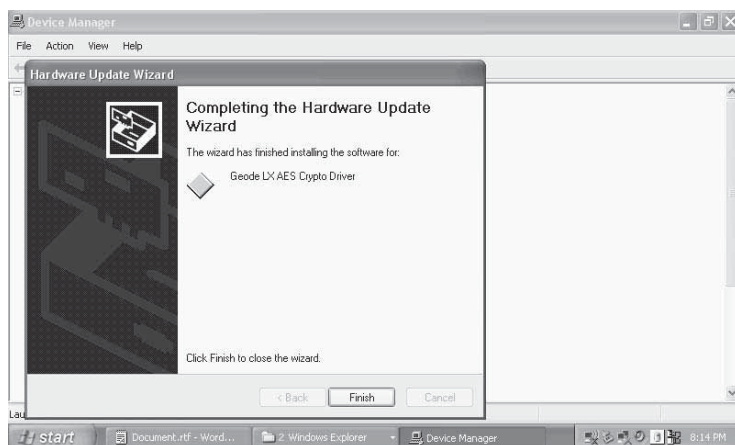
Select “Install from a list or specific location” and click "Next"..



Click the “Browse” to find the location of the Driver, and click “Next”.

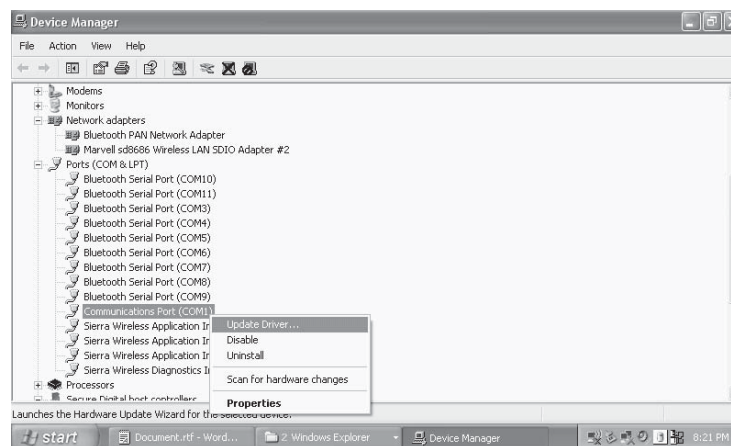


Installation is completed successfully. Click “Finish” to exit.

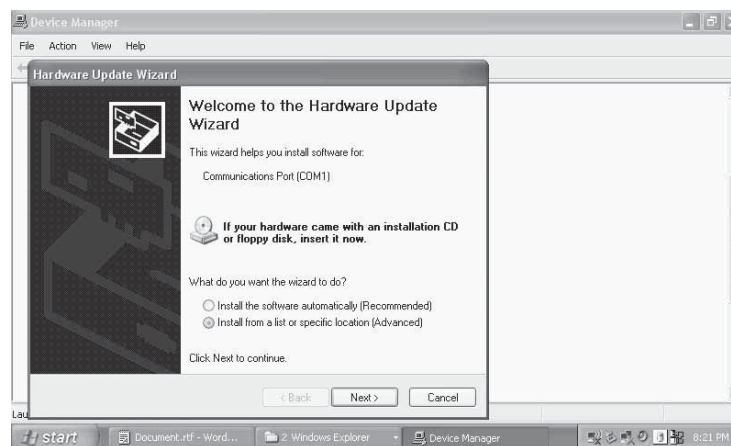


### Reinstalling the Serial Device (required for the Bluetooth device)

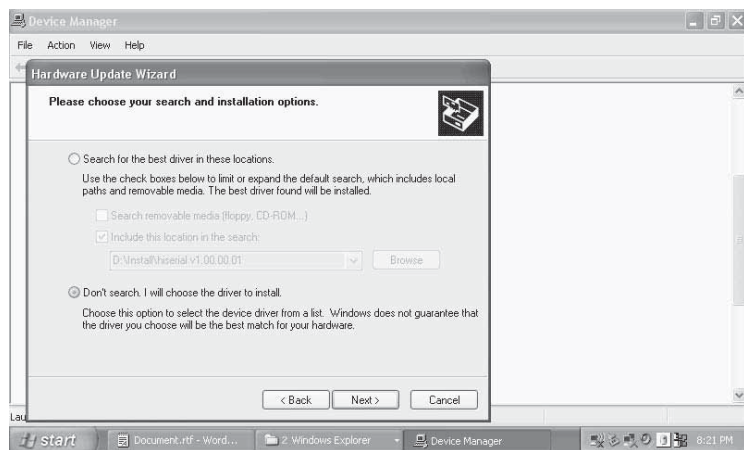
Go to Control Panel > Device Manager, and right-click at the Port(COM1) to select the “Driver Update.”



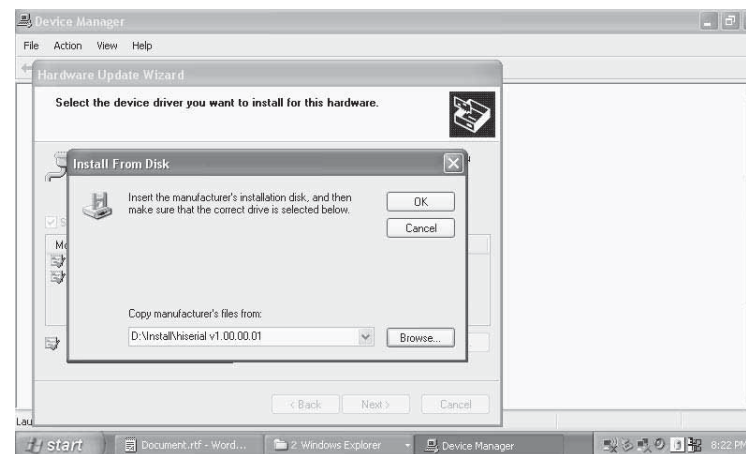
Select “Install from a list or specific location” and click “Next”.



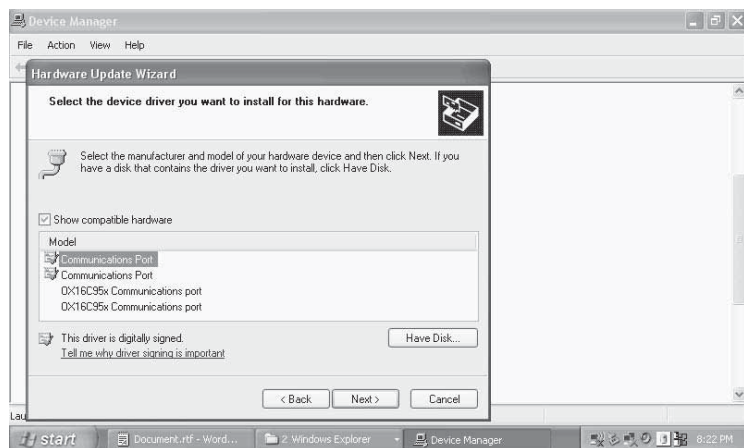
Select "Don't Search, I will choose the driver to install." and click "Next".



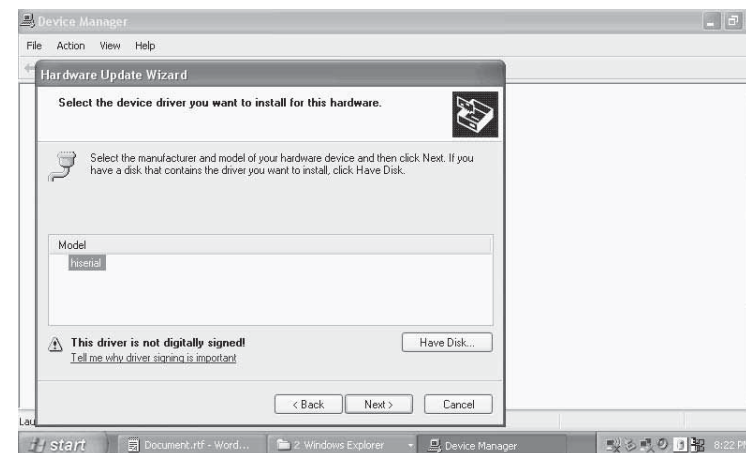
Click "Browse" to find the location of the driver, and click "OK" to proceed.



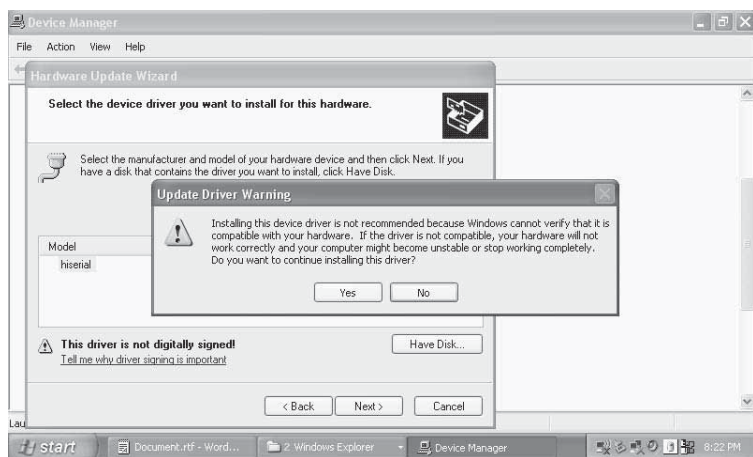
Select "Communication Port" and click "Have Disk."



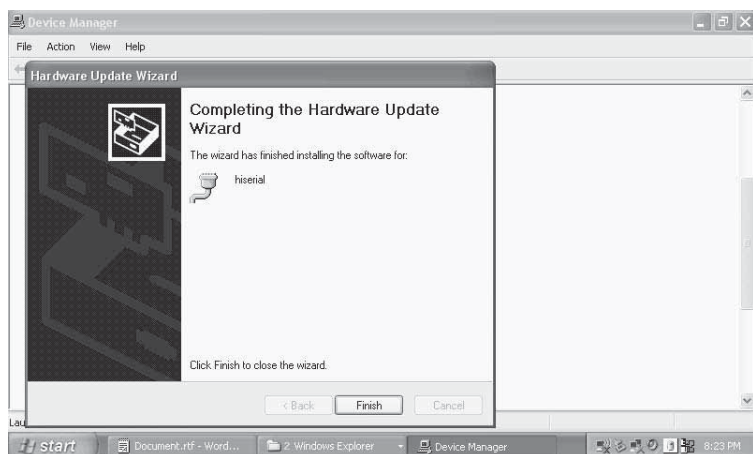
If the driver to be installed, the windows is shown as below, click "Next" to proceed.



Following warning message will appear. Click “Yes” to continue.



Installation is completed successfully. Click “Finish” to exit.



## Reinstalling the ExpWin Program

### ExpWin Installation or Update

To update, right-click the ExpWin icon on the tray(taskbar) on the bottom right side, and click “Exit” at the pop up menu to terminate the program. If ExpWin is running it can not be reinstalled.

! (“An error occurred during the move data process:-132” message appears)



After the installation, go to Start> All Programs > ExpWin to start ExpWin or restart the device.



## 8. Q & A

### Windows System

**Q: What is the compatible Windows OS for Everun?**

A: Windows XP Home Edition is compatible.

**Q: What other software is required other than Windows XP?**

A: ExpWin and drivers are required.

Drivers are downloadable from the “Support” menu at the our homepage.

**Q: Windows seal sticker has parts torn off.**

A: It is normal. The seal sticker attached is the original, specially designed and supplied by Microsoft for the security protection.

### Network

**Q: Can I use the wired network?**

A: Yes. A cable is included in the separately sold docking station, or USB type LAN cards are compatible.

**Q: How can I have access to the Internet outside my home?**

A: Internet is available by using the separately sold HSDPA or WiMAX device.

Also, you can use the wireless network service of any internet service providers in public areas or institutions where Access Point installed network is provided.

**Q: How can I connect the device to the wired/wireless routers such as wireless AP?**

A: You need to know the SSID of the target device.

The device may ask security code(PIN) depending on the circumstances.

**Q: Network is often disconnected.**

A: Wireless network connectivity depends largely on the surrounding conditions.

Try using in a different place.

### Power Supplying Devices and Battery

**Q: Can I use the device while charging the battery?**

A: In that case, power is supplied for both the charging and the operation of the device. This might take longer for charging the battery, but does not affect use of the device.

**Q: The battery gets hot while charging.**

A: Heat is unavoidably generated while the battery is being charged or discharged. However, as a protective circuit is installed inside the battery which cuts off the power supply above certain temperatures, it is safe.

**Q: How long is a battery's life span?**

A: It may vary depending on the user's circumstances, but the average is 300 charge/discharge cycles.

**Q: Can I use a charger of similar specification but made by a different manufacturer?**

A: We recommend using the original charger included in the package.

**Q: Is it ok to leave the charger connected to the AC socket?**

A: It's ok but the charger will drain power from the socket. It's best to disconnect the charger when not in use.

**Q: How can I know when battery charging is completed?**

A: When charger is connected to the device, battery LED shows either Orange(charging in progress), blue(80% charged), or the light is off(finished charging). The LED color variations are the same with the docking station products separately sold.

**Q: How can I set the low battery warning signal?**

A: Click the the ExpWin program icon on the taskbar to set the alarm

**Q: How long does it take to fully charge the battery?**

A: About 3 hours for the standard capacity, and about 5 hours for the large capacity battery.

**Q: How long is the warranty period for the battery?**

A: The warranty period for the battery extends for 6 months from the initial purchase. However, any malfunctions or failures caused by users are not covered.

### Bluetooth

**Q: Is Everun compatible with all the devices with Bluetooth installed?**

A: Everun is compatible with most of the devices with Bluetooth installed.

**Q: How can I connect Everun to a Bluetooth device?**

A: Everun will automatically recognize Bluetooth devices in range.

**Q: Bluetooth often gets disconnected.**

A: Bluetooth is a short range wireless protocol, highly sensitive to obstacles or distance. Please limit the use in close range, or otherwise contact the service provider if the problem recurs.

### External Devices

**Q: Are all devices using USB compatible with Everun?**

A: Devices such as keyboard, mouse and memory sticks are immediately usable by connecting the USB cable. But storage devices such as external hard disk drives and CD-ROMs may require an additional power supply.

**Q: Can a USB CD/DVD-ROM be used with Everun?**

A: Yes. But it may require an additional power supply depending on the device.

**Q: Can I use an external HDD to boot Everun?**

A: Yes, but only when the HDD is connectable by USB. Please format the USB storage device and set it as the startup disk.

### GPS Receiver and Navigation

**Q: Can I use any type of GPS receiver?**

A: USB receivers are compatible. But efficiency in receiving the data may vary. Products sold as optional accessories have been carefully tested with Everun.

**Q: What kind of map is compatible with Everun?**

A: Any map with 800X480 pixels, and PC version is applicable.

**Q: How can I connect the GPS receiver to Everun?**

A: Go to Control Panel > System > Hardware > Device Manager and set the port as the same with the receiver. Also set the speed at 9600. Please refer to the User Guide for the details.

**Q: I have problems with my receiver.**

A: It might happen if the device has not been used for a long time. If it does not work for more than 30 minutes, try it in a different place. You might check with the authorized service facility if the problem recurs.

### LCD and Display Screen Adjustments

**Q: What is Everun's default resolution?**

A: The default value for the resolution is set at 800X480.

You can easily change the resolution in the ExpWin program.

**Q: How can I adjust LCD brightness?**

A: The brightness is adjusted automatically depending on ambient light.

It may take more than 10 seconds for the device to adjust.

To manually adjust, use the volume control button with Fn key.

Or, disable the "automatic adjustment" in the ExpWin program and adjust it manually.

**Q: How can I capture a page?**

A: Press P button on the keyboard with the Fn key (PrtSc) to capture a page.

**Q: Cursor quivers when the Stylus pen is touching the screen**

A: It normally happens because the pressure on the touch screen is transferred to the surrounding pixels.

**Q: Mouse point appears on the different spot from the touched point on the screen.**

A: Please try calibration in the ExpWin program.

**Q: Is the screen viewable outdoors?**

A: Yes. Adjust the display settings to full brightness manually or automatically.

**Q: The touch screen got a scratch. Should I change the entire LCD?**

A: Yes, you need to change the entire LCD, it's one unit.

**Q: How can I adjust the resolution?**

A: The screen button on top of the unit toggles between the selected values set in ExpWin.

### Keyboard and backlight Adjustment

**Q: How can I change the settings for the keyboard lamp(backlit)?**

A: There is Key Brightness Setting in ExpWin, where the duration and the surrounding brightness level at which the lamp will turn on can be set.

**Q: Does Everun acknowledge multiple simultaneous key inputs?**

A: Everun acknowledges 4 simultaneous key inputs, and the arrow key(game pad) accepts diagonal inputs.

### Technical Specifications

Items	Specifications
CPU	AMD Geode LX900 or LX800
RAM	512M or 256M DDR400
Data Storage Disk Drive	Combination of 6G SSD UDMA66 and/or 30G/60G HDD UDMA100
LCD	4.8 inch touch screen, resolution 800X480, 16.7M Color Automatic brightness adjustment/Screen orientation
Wireless Network	802.11b/g
Bluetooth	2.0
Input device	Touch Screen Optical Mouse Qwerty Keypad Game Pad
External Connectivity	USB A, USB mini-B, VGA
Audio	0.7W built in stereo speaker, 3.5mm earphones Built in microphone, 3.5mm external microphone
Battery Capacity	Standard capacity : 12 V 2300mAh Li-Ion Large Capacity : 12 V 4000mAh Li-Ion
Charger Voltage	AC100~240V 50/60Hz
Power	Max.35W(fully charged)
Dimensions	170 x 83 x 25mm (W x H x D)
Weight	460~500g

# FCC RF Exposure Information

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of EVERUN complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage your EVERUN, or result in violation of FCC regulations.

EVERUN was tested for typical body-worn operations using the optional belt-clip / holster placed touch (0cm) from the body. To comply with FCC RF exposure requirements, a separation distance of touch (0cm) must be maintained between the user's body and EVERUN, including the antenna, whether extended or retracted. The use of non-tested accessories or other body-worn operations may not comply with FCC RF exposure requirements and should be avoided. Contact your local dealer for optional accessory items.

*For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov)*

## **FCC Radio Frequency Emission**

This phone meets the FCC Radio Frequency Emission Guidelines. FCC ID number: HVTEVERUN. More information on the phone's SAR can be found from the following FCC website: <http://www.fcc.gov/oet/fccid>



# USER INFORMATION

Acknowledging Special Precautions and  
the FCC Industry Canada Notice

## **Cautions**

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **FCC compliance Information**

This device complies with part 15 of FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received.

Including interference that may cause undesired operation.

## **Information to User**

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.