AOC MONITOR

USER`S GUIDE

<u>V22+</u>

SAFETY INTRODUCTION

The following subsections describe notational conventions used in this document.

Notes, Cautions, and Warnings

Throughout this guide, blocks of text may be accompanied by an icon and printed in bold type or in italic type. These blocks are notes, cautions, and warnings, and they are used as follows:

NOTE: A NOTE indicates important information that helps you make better use of your computer system.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

WARNING: A WARNING indicates the potential for bodily harm and tells you how to avoid the problem.Some warnings may appear in alternate formats and may be unaccompanied by an icon. In such cases, the specific presentation of the warning is mandated by regulatory authority.

The monitor should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.

The monitor is equipped with a three-pronged grounded plug, a plug with a third (grounding) pin. This plug will fit only into a grounded power outlet as a safety feature. If your outlet does not accommodate the three-wire plug, have an electrician install the correct outlet, or use an adapter to ground the appliance safely. Do not defeat the safety purpose of the grounded plug.

Unplug the unit during a lightning storm or when it will not be used for long periods of time. This will protect the monitor from damage due to power surges.

Do not overload power strips and extension cords. Overloading can result in fire or electric shock.

To ensure satisfactory operation, use the monitor only with UL listed computers which have appropriate configured receptacles marked between 100 - 240V AC, Min. 5A

The wall socket shall be installed near the equipment and shall be easily accessible.

For use only with the

Do not place the monitor on an unstable cart, stand, tripod, bracket, or table. If the monitor falls, it can injure a person and cause serious damage to this product. Use only a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with this product. Follow the manufacturer's instructions when installing the product and use mounting accessories recommended by the manufacturer. A product and cart combination should be moved with care.

Never push any object into the slot on the monitor cabinet. It could damage circuit parts causing a fire or electric shock. Never spill liquids on the monitor.
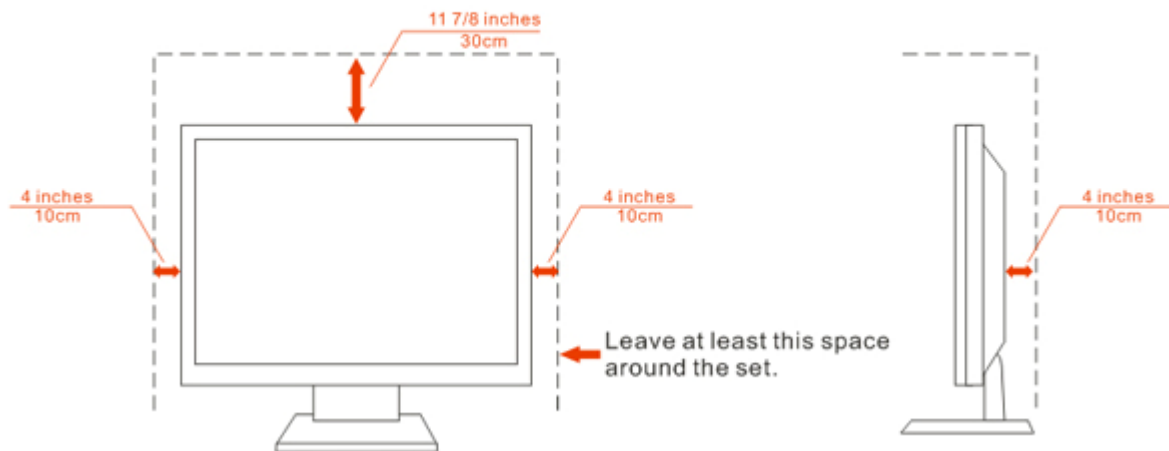
Do not place the front of the product on the floor.

Leave some space around the monitor as shown below. Otherwise, air-circulation may be inadequate hence overheating may cause a fire or damage to the monitor.

Installed with stand

11 7/8 inches
30cm

4 inches
10cm

4 inches
10cm

4 inches
10cm

Leave at least this space around the set.

Clean the cabinet regularly with the cloth provided. You can use soft-detergent to wipe out the stain, instead of strong-detergent which will cauterize the product cabinet.

⚠ When cleaning, make sure no detergent is leaked into the product.   The cleaning cloth should not be too rough
as it will scratch the screen surface.

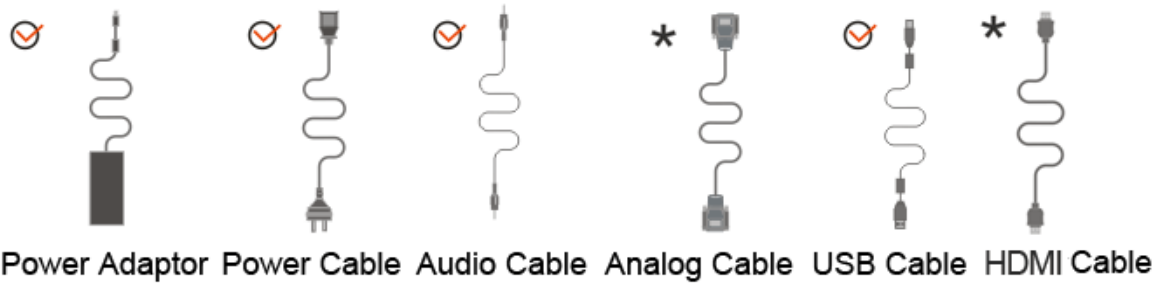⚠ Please disconnect the power cord before cleaning the product.

H_2O
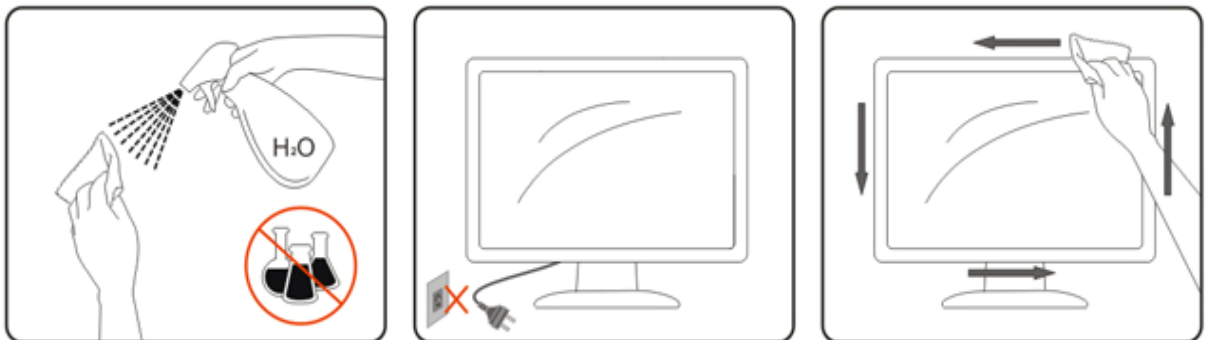
If the product is emitting a strange smell, sound or smoke, disconnect the power plug IMMEDIATELY and contact a Service Center.

⚠ Make sure that the ventilating openings are not blocked by a table or curtain.

⚠ Do not engage the LCD monitor in severe vibration or high impact conditions during operation.

⚠ Do not knock or drop the monitor during operation or transportation.
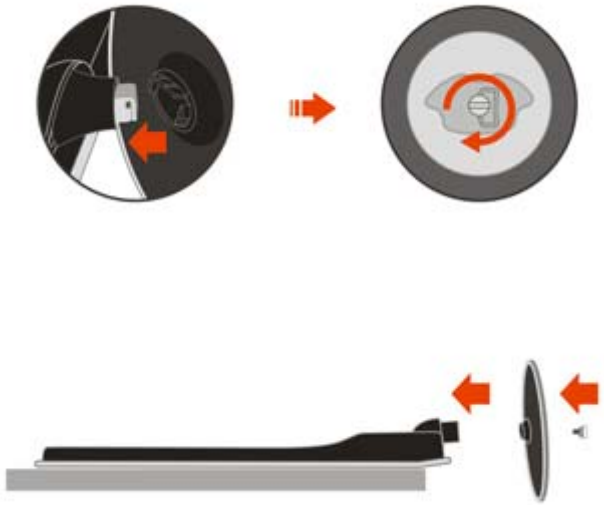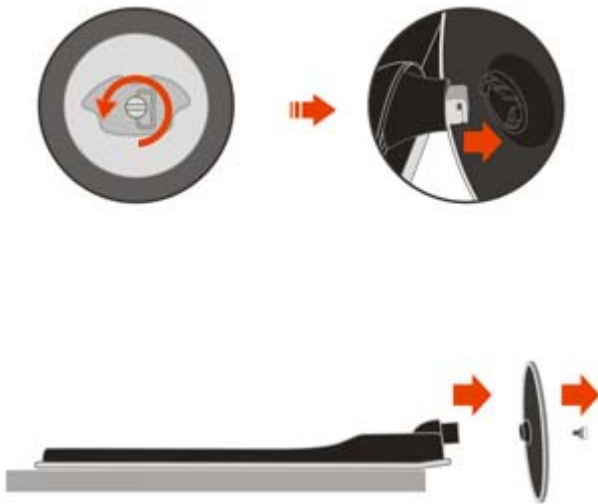
SETUP

Monitor

| QSG | CD Manual | Clean Cloth | Screw | Monitor Base |

Power Adaptor   Power Cable   Audio Cable   Analog Cable   USB Cable   HDMI Cable

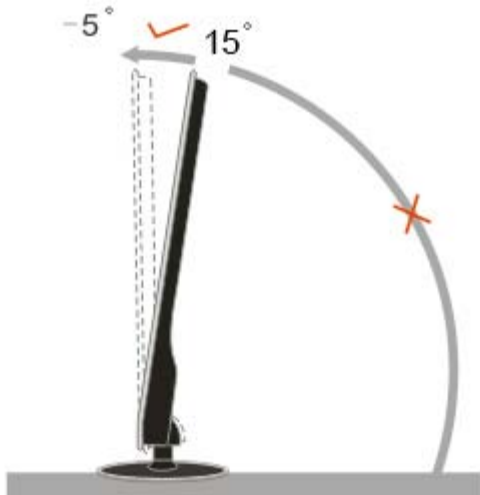Please setup or remove the base following the steps as below.

Setup:

Remove:

- For optimal viewing it is recommended to look at the full face of the monitor, then adjust the monitor's angle to your own preference.
- Hold the stand so you will not topple the monitor when you change the monitor's angle.
- You are able to adjust the monitor's angle from -5° to 15 °.

![NOTE icon] **NOTE:**
Do not touch the LCD screen when you change the angle. It may cause damage or break the LCD screen.

Cable Connections On Back of Monitor and Computer
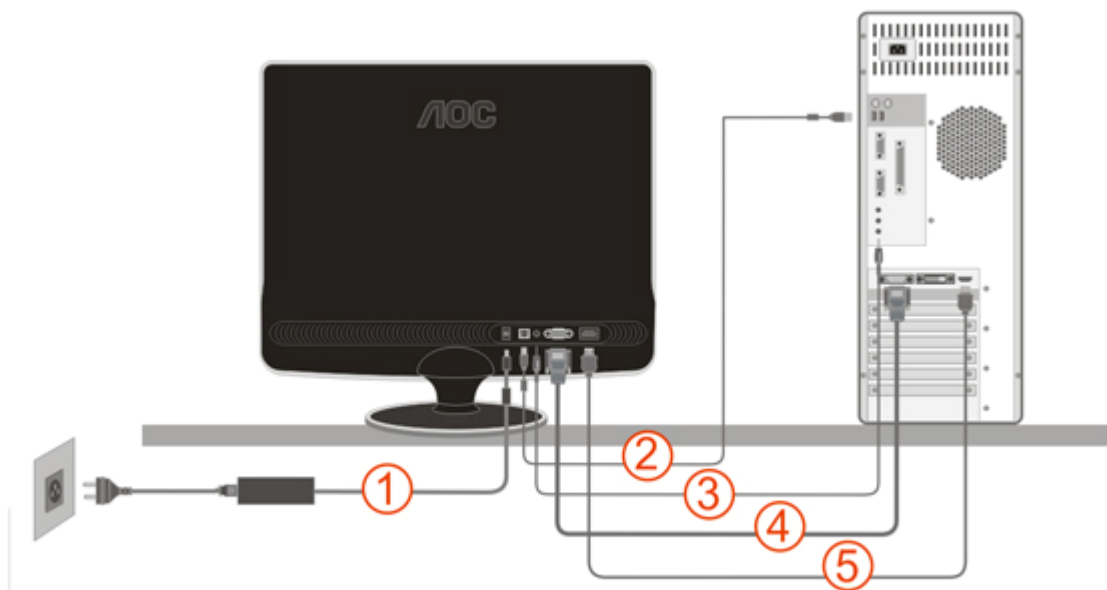
1. Power
2. USB
3. Audio
4. Analog (DB-15 VGA cable)
5. HDMI

To protect equipment, always turn off the PC and LCD monitor before connecting.

1. Connect the power cable to the AC port on the back of the monitor.
2. To link the USB camera, please connect the LCD monitor and your PC with USB cable.
3. Connect the audio cable to audio in port on the back of the monitor

4. Connect one end of the 15-pin D-Sub cable to the back of the monitor and connect the other end to the computer's D-Sub port.
5. (Optional – Requires a video card with HDMI port) - Connect one end of the HDMI cable to the back of the monitor and connect the other end to the computer's HDMI port.
6. Turn on your monitor and computer.

If your monitor displays an image, installation is complete. If it does not display an image, please refer Troubleshooting.

Adjusting

For Windows Vista:
1 Click **START**.
2 Click **CONTROL PANEL**.

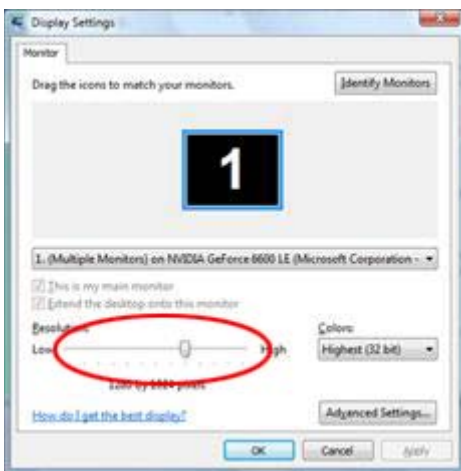3 Click **Appearance and Personalization**.

4 Click **Personalization**

5 Click **Display Settings**.

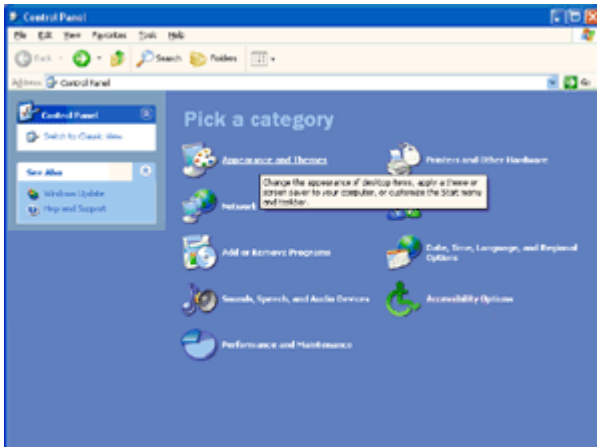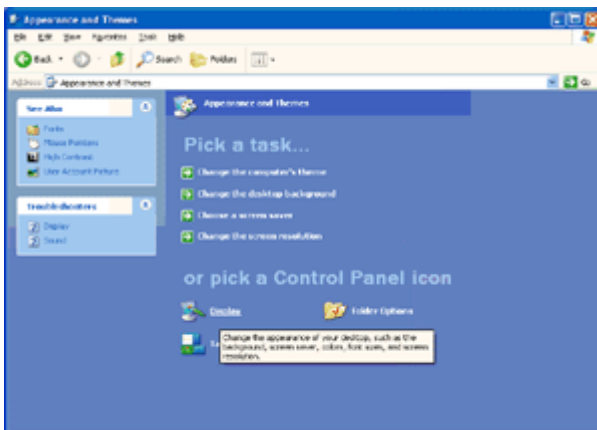6 Set the resolution **SLIDE-BAR** to 1680 by 1050.

For Windows XP:
1 Click **START**.
2 Click **SETTINGS**.
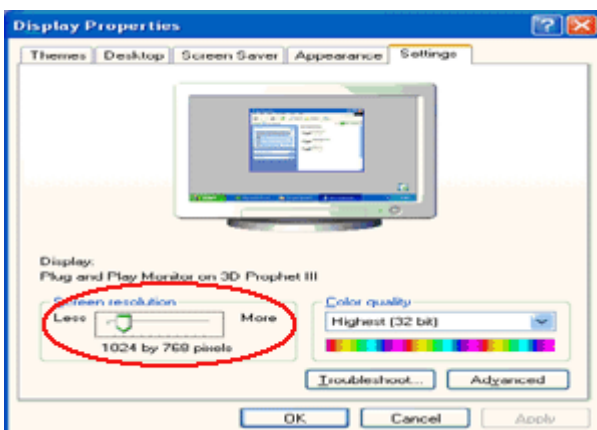3 Click **CONTROL PANEL**.

4 Click **Appearance and Themes.**

5 Double click **DISPLAY**.

6 Click **SETTINGS**.
7 Set the resolution **SLIDE-BAR** to 1680 by 1050.

For Windows ME/2000:
1 Click **START**.
2 Click **SETTINGS**.
3 Click **CONTROL PANEL**.
4 Double click **DISPLAY**.
5 Click **SETTINGS**.
6 Set the resolution **SLIDE-BAR** to 1680 by 1050.

DRIVER INSTALLATION GUIDE

Windows 2000

1. Start Windows® 2000
2. Click on the 'Start' button, point to 'Settings', and then click on 'Control Panel'.
3. Double click on the 'Display' Icon.
4. Select the 'Settings' tab then click on 'Advanced...'.
5. Select 'Monitor'
- If the 'Properties' button is inactive, it means your monitor is properly configured. Please stop installation.
- If the 'Properties' button is active. Click on 'Properties' button. Please follow the steps given below.
6. Click on 'Driver' and then click on 'Update Driver...' then click on the 'Next' button.
7. Select 'Display a list of the known drivers for this device so that I can choose a specific driver', then click on 'Next' and then click on 'Have disk...'.
8. Click on the 'Browse...' button then select the appropriate drive F: (CD-ROM Drive).
9. Click on the 'Open' button, then click on the 'OK' button.
10. Select your monitor model and click on the 'Next' button.
11. Click on the 'Finish' button then the 'Close' button.
If you can see the 'Digital Signature Not Found' window, click on the 'Yes' button.

Windows ME

1. Start Windows® Me
2. Click on the 'Start' button, point to 'Settings', and then click on 'Control Panel'.
3. Double click on the 'Display' Icon.
4. Select the 'Settings' tab then click on 'Advanced...'.
5. Select the 'Monitor' button, then click on 'Change...' button.
6. Select 'Specify the location of the driver(Advanced)' and click on the 'Next' button.
7. Select 'Display a list of all the drivers in a specific location, so you can choose the driver you want', then click on 'Next' and then click on 'Have Disk...'.
8. Click on the 'Browse...' button, select the appropriate drive F: (CD-ROM Drive) then click on the 'OK' button.
9. Click on the 'OK' button, select your monitor model and click on the 'Next' button.
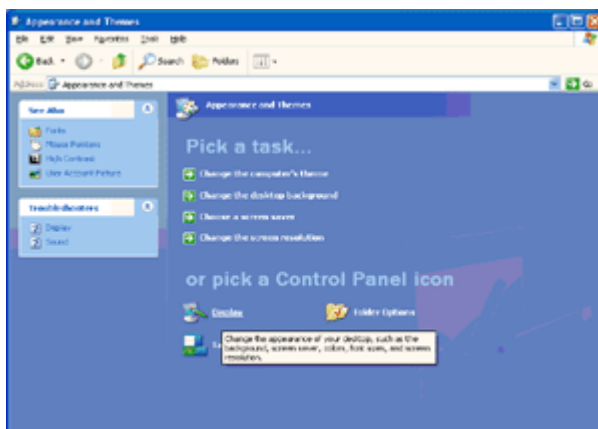10. Click on 'Finish' button then the 'Close' button.

Windows XP

1. Start Windows® XP
2. Click on the 'Start' button and then click on 'Control Panel'.
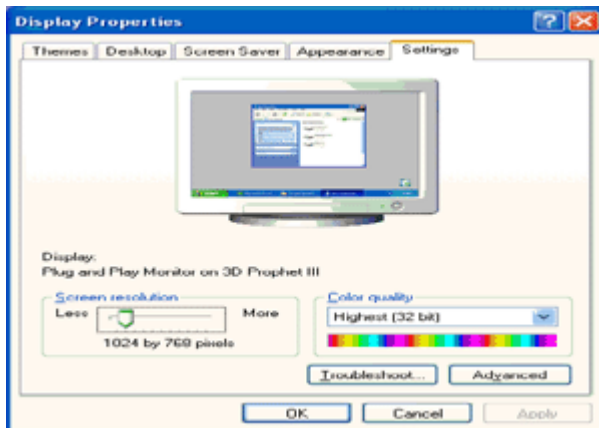

3. Select and click on the category 'Appearance and Themes'
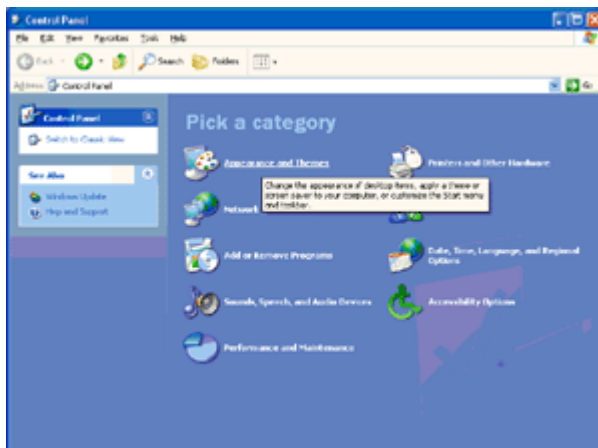
4. Click on the 'Display' Item.

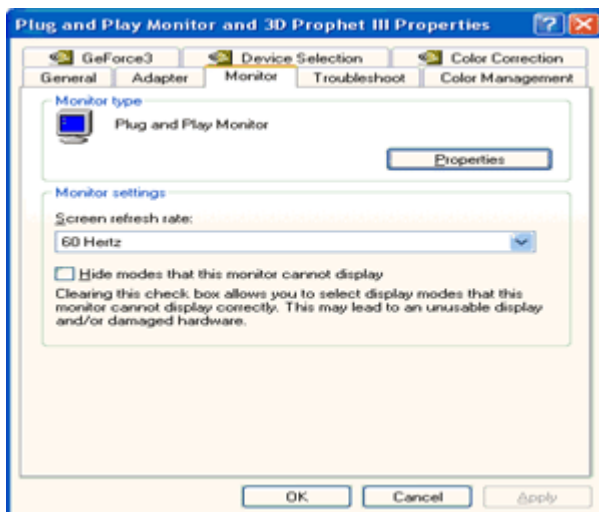5. Select the 'Settings' tab then click on the 'Advanced' button.
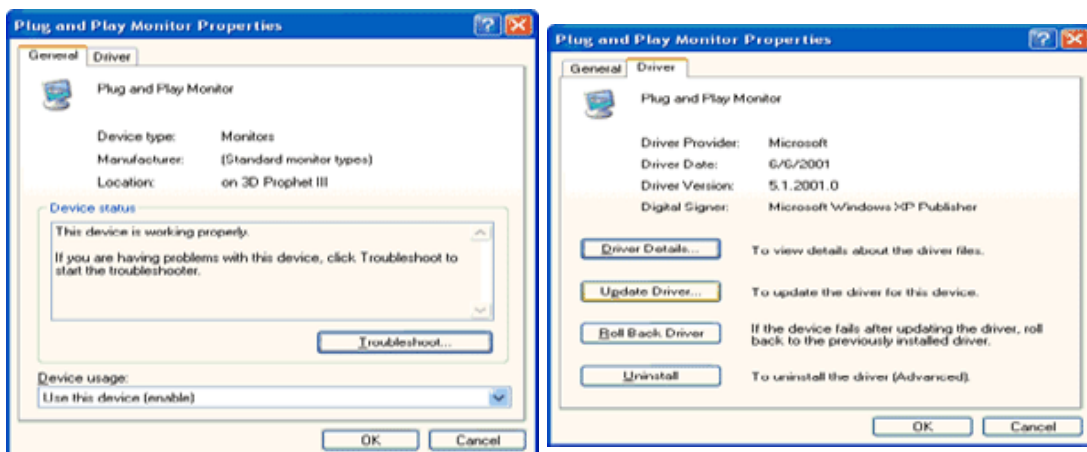

6. Select 'Monitor' tab
- If the 'Properties' button is inactive, it means your monitor is properly configured. Please stop installation.
- If the 'Properties' button is active, click on 'Properties' button.
Please follow the steps below.

7. Click on the 'Driver' tab and then click on 'Update Driver...' button.

8. Select the 'Install from a list or specific location [advanced]' radio button and then click on the 'Next' button.
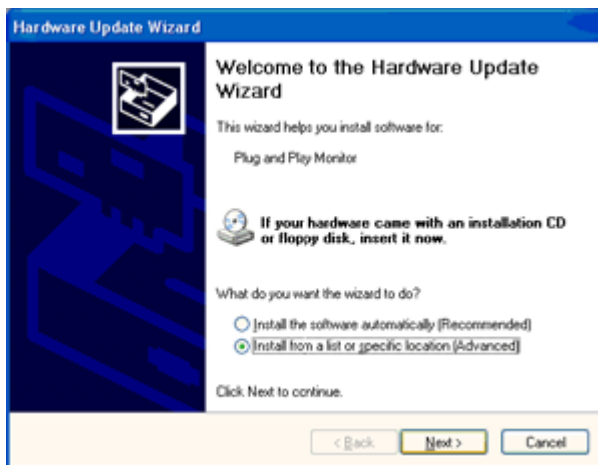
9. Select the 'Don't Search. I will choose the driver to install' radio button. Then click on the 'Next' button.
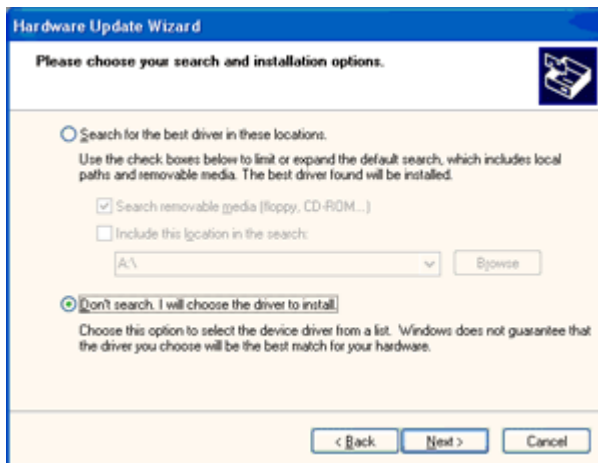
10. Click on the 'Have disk...' button, then click on the 'Browse...' button and then select the appropriate drive F: (CD-ROM Drive).

11. Click on the 'Open' button, then click the 'OK' button.
12. Select your monitor model and click on the 'Next' button.
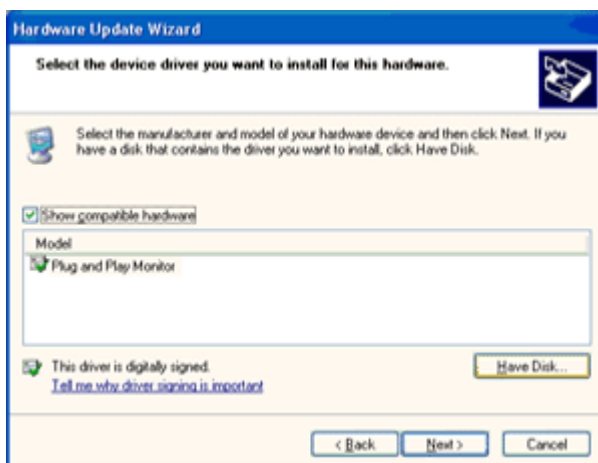- If you can see the 'has not passed Windows® Logo testing to verify its compatibility with Windows®
XP' message, please click on the 'Continue Anyway' button.
13. Click on the 'Finish' button then the 'Close' button.
14. Click on the 'OK' button and then the 'OK' button again to close the Display_Properties dialog box.
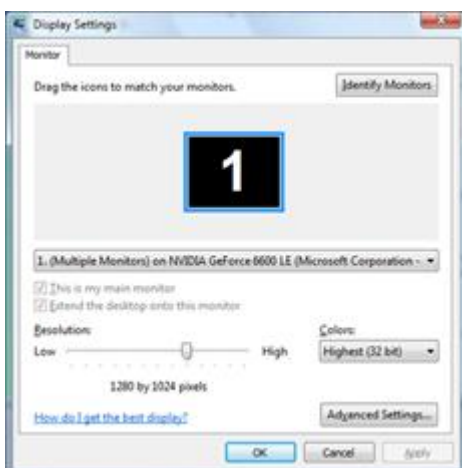
Windows Vista

1. Click "Start " and "Control Panel". Then, double-click on "Appearance and Personalization".

2. Click "Personalization" and then "Display Settings".

3. Click "Advanced Settings...".

4. Click "Properties" in the "Monitor" tab. If the "Properties" button is deactivated, it means the configuration for your monitor is completed. The monitor can be used as is.
If the message "Windows needs..." is displayed, as shown in the figure below, click "Continue".

5. Click "Update Driver..." in the "Driver" tab.
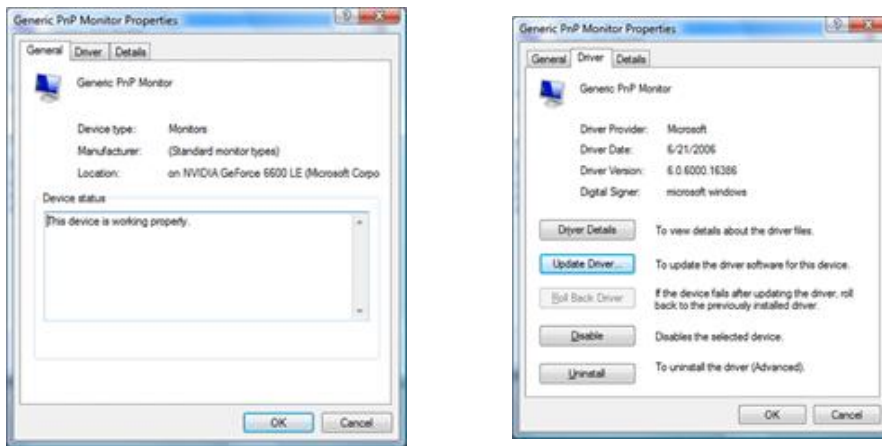
6. Check the "Browse my computer for driver software" checkbox and click "Let me pick from a list of device drivers on my computer".

7. Click on the 'Have disk...' button, then click on the 'Browse...' button and then select the appropriate drive F:\Driver (CD-ROM Drive).
8. Select your monitor model and click on the 'Next' button.
9. Click "Close" → "Close" → "OK" → "OK" on the following screens displayed in sequence.

PRODUCT INFORMATION

Panel	Model number	V22+	
	Driving system	TFT Color LCD	
	Viewable Image Size	558.68mm diagonal	
	Pixel pitch	0.282mm(H) x 0.282mm(V)	
	Video	R, G, B Analog Interface & HDMI	
	Separate Sync.	H/V TTL	
	Display Color	16.7M Colors	
	Dot Clock	165 MHz	
Resolution	Horizontal scan range	30 kHz - 83 kHz	
	Horizontal scan Size(Maximum)	473.76mm	
	Vertical scan range	56 Hz - 75 Hz	
	Vertical scan Size(Maximum)	296.1mm	
	Optimal preset resolution	1680 x 1050 (60 Hz)	
	Highest preset resolution	1680 x 1050 (60 Hz)	
	Plug & Play	VESA DDC2B/CI	
	Input Connector	D-Sub 15pin &HDMI	
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, HDMI	
	Power Source	100~240VAC, 50/60Hz	
	Power Consumption	Typical < 38 W Standby < 2 W	
Physical Characteristics	Connector Type	15-pin Mini D-Sub &HDMI	
	Signal Cable Type	Detachable	
	Dimensions & Weight:	Height (with base)	438.8 mm
		Width	526 mm
		Depth	190 mm
		Weight (monitor only)	3.8 kg
		Weight (with packaging)	7.9 kg
Environmental	Temperature:	Operating	0° to 40°
		Non-Operating	0°to 50°
	Humidity:	Operating	10% to 85% (non-condensing)
		Non-Operating	5% to 80% (non-condensing)
	Altitude:	Operating	0~ 2000m (0~ 10000 ft)
		Non-Operating	0~ 2000m (0~ 15000 ft)

TROUBLESHOOT

Problem & Question	Possible Solutions
Power LED Is Not ON	• Make sure the power button is ON and the Power Cord is properly connected to a grounded power outlet and to the monitor.
No images on the screen	• **Is the power cord connected properly?** Check the power cord connection and power supply. • **Is the cable connected correctly?** (Connected using the D-sub cable) Check the DB-15 cable connection. (Connected using the DVI cable) Check the DVI cable connection. * DVI input is not available on every model. • **If the power is on, reboot the computer to see the initial screen (the login screen), which can be seen.** If the initial screen (the login screen) appears, boot the computer in the applicable mode (the safe mode for Windows ME/XP/2000) and then change the frequency of the video card. (Refer to the Setting the Optimal Resolution) If the initial screen (the login screen) does not appear, **contact the Service Center or your dealer**. • **Can you see "Input Not Supported" on the screen?** You can see this message when the signal from the video card exceeds the maximum resolution and frequency that the monitor can handle properly. Adjust the maximum resolution and frequency that the monitor can handle properly. • Make sure the AOC Monitor Drivers are installed (AOC Monitor Drivers are available at : **here)**
Picture Is Fuzzy & Has Ghosting Shadowing Problem	• Adjust the Contrast and Brightness Controls. • Press to auto adjust. • Make sure you are not using an extension cable or switch box. We recommend plugging the monitor directly to the video card output connector on the back .
Picture Bounces, Flickers Or Wave Pattern Appears In The Picture	• Move electrical devices that may cause electrical interference as far away from the monitor as possible. • Use the maximum refresh rate your monitor is capable of at the resolution your are using.
Monitor Is Stuck In Active Off-Mode"	• The Computer Power Switch should be in the ON position. • The Computer Video Card should be snugly fitted in its slot. • Make sure the monitor's video cable is properly connected to the computer. • Inspect the monitor's video cable and make sure no pin is bent. • Make sure your computer is operational by hitting the CAPS LOCK key on the keyboard while observing the CAPS LOCK LED. The LED should either turn ON or OFF after hitting the CAPS LOCK key.
Missing one of the primary colors (RED, GREEN, or BLUE)	• Inspect the monitor's video cable and make sure that no pin is damaged. • Make sure the monitor's video cable is properly connected to the computer.
Screen image is not centered or sized properly	• Adjust H-Position and V-Position or press hot-key (AUTO).
Picture has color defects (white	• Adjust RGB color or select desired color temperature.

does not look white)	
Horizontal or vertical disturbances on the screen	• Use Windows 95/98/2000/ME/XP shut-down mode Adjust CLOCK and FOCUS. • Press to auto-adjust.