# ЛОС

## LCD Monitor User Manual Q2778VQE LED Backlight

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## Safety

## **National Conventions**

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.

## Power

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 ~, Min. 5A

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

## Installation

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.

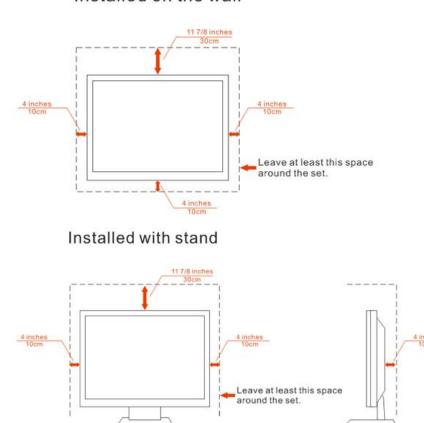
Never push any object into the slot on the monitor cabinet. It could damage circuit parts causing a fire or electric shock. Never spill liquids on the monitor.

Do not place the front of the product on the floor.

If you mount the monitor on a wall or shelf, use a mounting kit approved by the manufacturer and follow the kit instructions.

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.

See below the recommended ventilation areas around the monitor when the monitor is installed on the wall or on the stand:



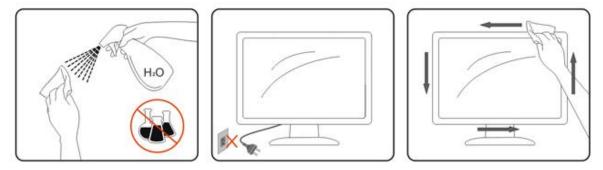
Installed on the wall

## Cleaning

Clean the cabinet regularly with cloth. 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.



Please refer to the drawings below to remove and clean the glass of the monitor.

## Other

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

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

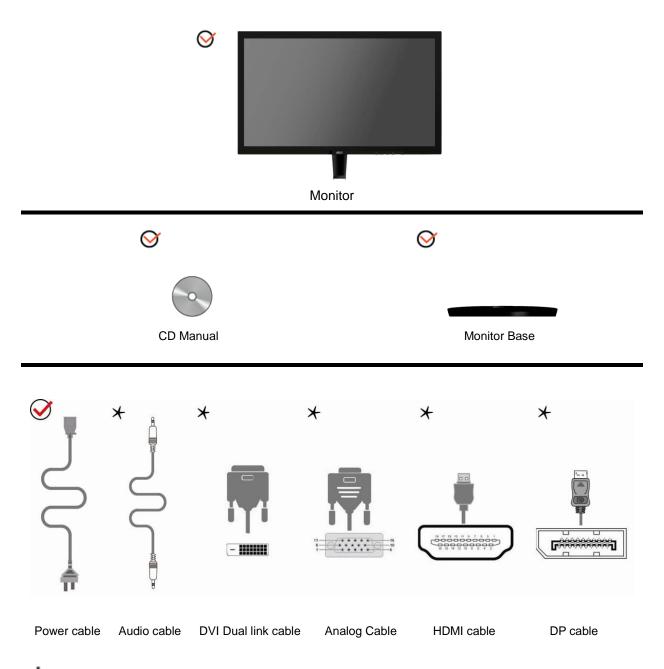
1 Do not engage the LCD monitor in severe vibration or high impact conditions during operation.

PDo not knock or drop the monitor during operation or transportation.

For display with glossy bezel the user should consider the placement of the display as the bezel may cause disturbing reflections from surrounding light and bright surfaces.

## Setup

## **Contents in Box**

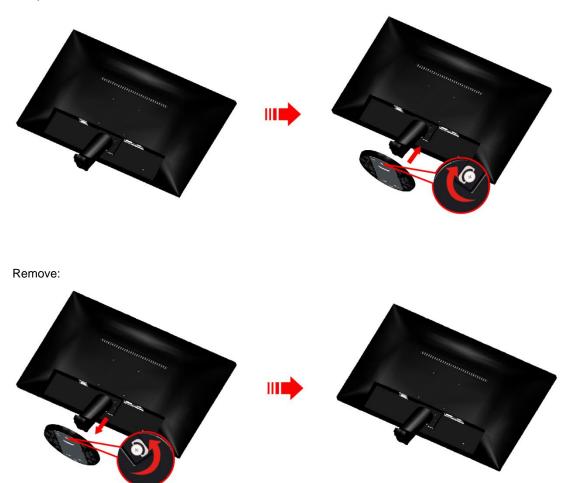


\*Not all signal cables (Analog,DVI Dual link,Audio,HDMI and DP cables) will be provided for all countries and regions. Please check with the local dealer or AOC branch office for confirmation.

## Setup Stand & Base

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

#### Setup:

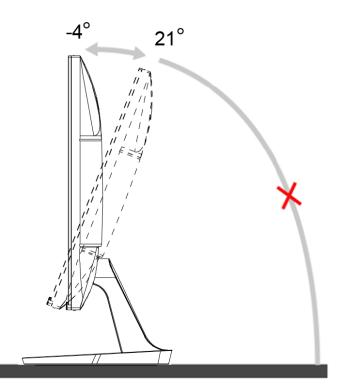


## **Adjusting Viewing Angle**

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 -4° to 21 °.



NOTE: Do not adjust the viewing angle over 21 degrees in order to avoid damage.

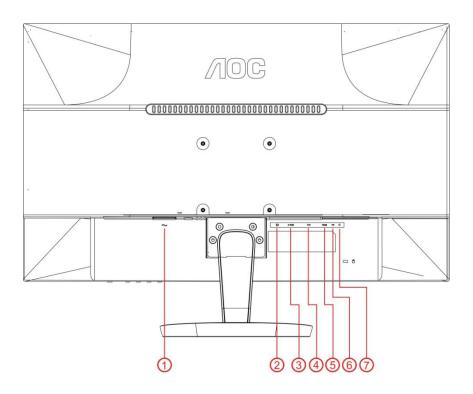


Do not touch the LCD screen when you change the angle. It may cause damage or break the LCD screen.

Do not put your hand close to the gap between the monitor and the base to avoid the injury when adjusting the viewing angle.

## **Connecting the Monitor**

Cable Connections In Back of Monitor and Computer:



- 1. Power
- 2. Display port
- 3. Analog (D-Sub 15-Pin VGA cable)
- 4. DVI Dual link
- 5. HDMI
- 6. Audio
- 7. Earphone

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 Optional (Requires a video card with DP port) Connect one end of the DP cable to the back of the monitor and connect the other end to the computer's DP port.
- 3 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.
- 4 (Optional –Requires a video card with DVI Dual link port)Connect one end of the DVI Dual link cable to the back of the monitor and connect the other end to the computer's DVI Dual link 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.

## Wall Mounting

Preparing to Install An Optional Wall Mounting Arm.



This monitor can be attached to a wall mounting arm you purchase separately. Disconnect power before this procedure. Follow these steps:

- 1 Remove the base.
- 2 Follow the manufacturer's instructions to assemble the wall mounting arm.
- 3 Place the wall mounting arm onto the back of the monitor. Line up the holes of the arm with the holes in the back of the monitor.
- 4 Insert the 4 screws into the holes and tighten.
- 5 Reconnect the cables. Refer to the user's manual that came with the optional wall mounting arm for instructions on attaching it to the wall.

Noted : VESA mounting screw holes are not available for all models, please check with the dealer or official department of AOC.

## Adjusting

## **Setting Optimal Resolution**

### Windows Vista

For Windows Vista:

- 1 Click START.
- 2 Click CONTROL PANEL.



#### 3 Click Appearance and Personalization.



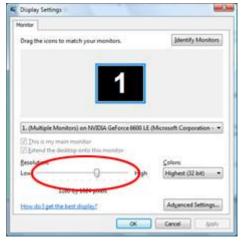
#### 4 Click Personalization



#### 5 Click **Display Settings.**



6 Set the resolution SLIDE-BAR to Optimal preset resolution



#### Windows XP

For Windows XP:

#### 1 Click START.



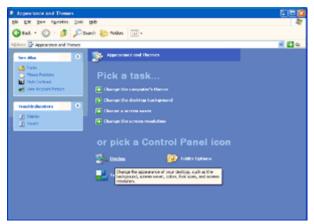
#### 2 Click SETTINGS.

3 Click CONTROL PANEL.

4 Click Appearance and Themes.

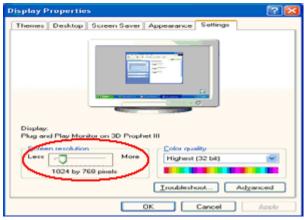


5 Double click **DISPLAY.** 



#### 6 Click SETTINGS.

7 Set the resolution SLIDE-BAR to Optimal preset resolution



#### Windows ME/2000

- 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 Optimal preset resolution

#### Windows 8

#### For Windows 8:

1. Right click and click **All apps** at the bottom-right of the screen.

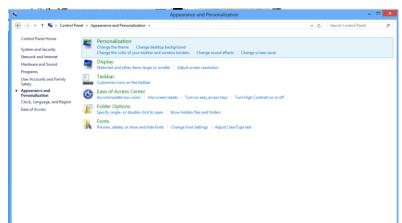


b <sup>Bing</sup>	Reader		WordPad	S Computer
Calendar	SkyDrive	Calculator	XPS Viewer	Control Punel
Camera	Sports	Character Map		Default Programs
Desktop	Store	Math Input Panel	Magnifier	📴 Filo Explorer
Finance Finance	Travel	Noteped	Narrator	Help and Support
Games	Video	🛷 Part	On-Screen Keyboard	2 Run
internet Explorer	Weather	Remote Desktop Connection	Windows Speech Recognition	Task Manager
🔁 Mai		Snipping Tool		Windows Defender
Maps Maps		Sound Recorder	GPUNIew	S Windows Easy Transfer
Messaging		Steps Recorder	GPUNiew Help	Windows Easy Transfer Reports
Music		Sticky Notes	Windows Performance	Windows PowerShell
News		Windows Fax and Scan	Windows Performance	
People		Windows Journal		
Photos		Windows Media Player	Command Prompt	

- 2. Set the "View by" to "Category".
- 3. Click Appearance and Personalization.

		Control Panel	- 0
🕑 🐵 🔹 🕈 🤫 > Control Panel	3	× 0	Search Control Panel
	Adjust your computer's settings	View by: Category *	
	System and Security Review your computer's status Save backup copies of your files with File Hist	User Accounts and Family Safety	
	Find and fix problems Network and Internet Connect to the Internet View network status and tasks	Appearance and Personalization Change the theme Change desktop background Adjust screen resolution	
	Choose homegroup and sharing options Hardware and Sound View devices and printers Add a device	Clock, Language, and Region Add a language Change reput methods Change dete, time, or number formats	
	Programs Uninstall a program	Ease of Access Let Windows suggest settings Optimize visual display	

4. Click **DISPLAY.** 



5. Set the resolution **SLIDE-BAR** to Optimal preset resolution.

	Screen Resolution				 -
🕘 🐵 🔹 🕈 🜉 + Control Panel +	Appearance and Personalization + Display + Screen Resolution		× 6	Search Control Panel	,
	Change the appearance of your display				
	1	Detect Identify			
	Display:         1, PLX2780H v           Resolution:         1920 × 1010 (Recommended)				
	Orientation: High	Advanced settings			
	Make test and other What display setting				
		OK Cancel Apply			
	1034 × 768				
	Low				

## Hotkeys

1	Source/Auto/Exit	
2	Clear vision /<	
3	Volume/>	
4	Menu/Enter	
5	Power	

#### Power

Press the Power button to turn on/off the monitor.

#### Menu/Enter

Press to display the OSD or confirm the selection.

#### Volume/>

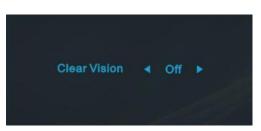
When there is no OSD, press Volume adjust volume.

#### Source /Auto / Exit

When the OSD is closed, press Auto/Source/Exit button continuously about 2 second to do auto configure (only for the models with dual or more inputs). When the OSD is closed, press Auto/Source/Exit button will be Source hot key function (Only for the models with dual or more inputs).

#### **Clear Vision**

- 1. When there is no OSD, Press the "<" button to activate Clear Vision.
- Use the "<" or ">" buttons to select between weak, medium, strong, or off settings. Default setting is always "off".



3. Press and hold "<" button for 5 seconds to activate the Clear Vision Demo, and a message of "Clear Vision Demo: on" will be display on the screen for a duration of 5 seconds. Press Menu or Exit button, the message will disappear. Press and hold "<" button for 5 seconds again, Clear Vision Demo will be off.</p>



Clear Vision function provides the best image viewing experience by converting low resolution and blurry images into clear and vivid images.

## **OSD Setting**

Basic and simple instruction on the control keys.



- 1) Press the **III-button** to activate the OSD window.
- Press < or > to navigate through the functions. Once the desired function is highlighted, press the *IIII-button* to activate it . press < or > to navigate through the sub-menu functions. Once the desired function is highlighted, press *IIII-button* to activate it.
- 3) Press < or > to change the settings of the selected function. Press to exit. If you want to adjust any other function, repeat steps 2-3.
- 4) OSD Lock Function: To lock the OSD, press and hold the **button** while the monitor is off and then press
  U button to turn the monitor on. To un-lock the OSD press and hold the **button** while the monitor is off and then press U button to turn the monitor on.

#### Notes:

- 1) If the product has only one signal input, the item of "Input Select" is disable to adjust.
- 2) If the product screen size is 4:3 or input signal resolution is wide format, the item of "Image Ratio" is disable to adjust.
- 3) One of Clear vision, DCR, Color Boost, and Picture Boost functions is activated; the other three functions are turned off accordingly.

## Luminance



1. Press 🛄 (Menu) to display menu.

<	Image Setup	Color Setup	Picture	Boost	OSD Setup	× Extra	Exit
Contrast	50	Gamma		Gamma 1	•		
Brightness	50						
Eco mode	<ul> <li>Standard</li> </ul>	Overdrive					
			Alois		_00		

to enter. 2. Press < or > to select (Luminance), and press



3. Press < or > to select submenu, and press into enter.

< + > Luminance	Image Setup	Color Setup	Picture Boost	CSD Setup	× Extra	Exit
Contrast	50	Gamma	Gamma 1			
Brightness	50					
Eco mode	<ul> <li>Standard</li> </ul>	Overdrive				
				_aal	e ·	

4. Press < or > to adjust.



5. Press 🛨 to exit.

	Brightness	0-100	Backlight Adjustment	
	Contrast	0-100	Contrast from Digital-register.	
	Eco mode	Standard	Standard Mode	
		Text	Text Mode	
		Internet	Internet Mode	
		Game	Game Mode	
		Movie	Movie Mode	
212		Sports	Sports Mode	
-0-	Gamma	Gamma1	Adjust to Gamma1	
		Gamma2	Adjust to Gamma 2	
		Gamma3	Adjust to Gamma 3	
	DCR	Off	Disable dynamic contrast ratio	
	DCK	On	Enable dynamic contrast ratio	
		Weak	Adjust the response time	
	Overdrive	Medium	Adjust the response time. It could be blur image, if user turns on the	
	Overanive	Strong	OverDrive in Strong Level. User can adjust OverDrive level base on user's	
		Off	preference or turn it off.	

## Image Setup

Luminance	Image Setup	Color Setup		e Boost	OSD Setup	Extra	Exit
Contrast	5	0 Gamma		Gamma 1			
Brightness	5						
Eco mode	Standard						
			1 2100	8 11 1			
						Λ	
						Ш	

1. Press III (Menu) to display menu.

Image Setup	Color Setup	Picture Boost	OSD Setup	)// Extra	Exit	Luminanc
Clock	50					
Phase	50					
Sharpness	50					
					ß	

2. Press < or > to select (Image Setup), and press III to enter.

**************************************				ine uden. ×		*
hringe Selup	Color Setup	Picture Boost	OSD Setup	Extra	Exit	Luminance
Citer 1						
Phase	50					
Sharpness	50					
			<i>A</i> IOC			
		1		8.4	Ń	
					М	
				ጠ	6)	
					~)	

3. Press < or > to select submenu, and press III to enter.



4. Press < or > to adjust.



5. Press 🛨 to exit.

Clock	0-100	Adjust picture Clock to reduce Vertical-Line noise.
Phase	0-100	Adjust Picture Phase to reduce Horizontal-Line noise
Sharpness	0-100	Adjust picture sharpness
 H.Position	0-100	Adjust the horizontal position of the picture.
V.Position	0-100	Adjust the vertical position of the picture.

## **Color Setup**

C	Image Setup		Color Setup	Picture Boost		SS Setup	× Extra	Exit
Contrast	_	50	Gamma	•	Gamma 1	•		
Brightness	_							
	<ul> <li>Stan</li> </ul>	ndard 🕨 🕨						
				_A1010				
			1	- 010000			0	
			1				Ш	
						ሐ	เก	

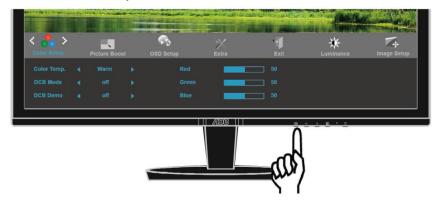
1. Press III (Menu) to display menu.

Conter Sector		icture Boo	st	OSD Setup	San Angeland Y Extra	€ Contraction Statistics Exit	Luminance	Image Setup
Color Temp.					_			
DCB Mode					_			
DCB Demo					_			
2. Press	< or :	> to s	elect		Color Set	up), and p	oress III	to enter.
Cancer Service Cancer Service DCB Mode DCB Demo		icture Boo		OSD Setup Red Green Blue	Extra	50 50 50 50	Luminance	F4 Image Setup
						6	A	

3. Press < or > to select submenu, and press 1 to enter.



4. Press < or > to adjust.



5. Press 🛨 to exit.

		Warm		Recall Warm Color Temperature from EEPROM.
		Normal		Recall Normal Color Temperature from EEPROM.
		Cool		Recall Cool Color Temperature from EEPROM.
	Color Temp.	sRGB		Recall SRGB Color Temperature from EEPROM.
			Red	Red Gain from Digital-register
		User	Green	Green Gain Digital-register.
			Blue	Blue Gain from Digital-register
		Full Enhance	on or off	Disable or Enable Full Enhance Mode
		Nature Skin	on or off	Disable or Enable Nature Skin Mode
	DCB Mode	Green Field	on or off	Disable or Enable Green Field Mode
		Sky-blue	on or off	Disable or Enable Sky-blue Mode
		AutoDetect	on or off	Disable or Enable AutoDetect Mode
	DCB Demo		On or off	Disable or Enable Demo

#### **Picture Boost**

	Image Setup		Color Setup	Picture Boost		SSD Setup	× Extra	Exit
			Gamma		Gamma 1			
Brightness								
	<ul> <li>Standard</li> </ul>							
				A100				
			1	241939		<u>• • •</u>	0	
			1				LI .	
						h.	20	

1. Press III (Menu) to display menu.

Bright Frame  off Brightness 50 H. position 50 Frame Size 50 Contrast 50 V.position 50		OSD Setup	Extra	Exit	Luminance	Image Setup	Color Setu

2. Press < or > to select (Picture Boost), and press III to enter.

<	OSD Setup	× Extra	Exit	Luminance	Image Setup	Color Setup
Bright Prante of		Brightness		] 50	H. position	50
Frame Size	50		_		V.position	
					Ň.	
		Ĺ		~		

3. Press < or > to select submenu, and press III to enter.



4. Press < or > to adjust.



5. Press 🛨 to exit.

	Frame Size	14-100	Adjust Frame Size
	Brightness	0-100	Adjust Frame Brightness
	Contrast	0-100	Adjust Frame Contrast
•	H. position	0-100	Adjust Frame horizontal Position
	V.position	0-100	Adjust Frame vertical Position
	Bright Frame	on or off	Disable or Enable Bright Frame

## **OSD Setup**

Carrenance	Image Setup		Color Setup	Picture Boost		SS OSD Setup	Extra	Exit
Contrast		] 50	Gamma	•	Gamma 1	•		
Brightness	_							
	Standard							
		_		_A1010	2 11 1			
			1				0	
			1				Ш	
						<b>A</b>	เก	

1. Press III (Menu) to display menu.

OSD Betup Extra	Luminance Image Setu H. position 50 V.position 0	p Color Setup Picture Boost Transparence 25 Break Reminder off b
		and
2. Press < or > to select	(OSD Setup), and	press III to enter.
CSD Setup	Exit Luminance Image Set	up Color Setup Picture Boost
Timeout 10	H. position 50	Transparence 25 Break Reminder 🖌 off 🕨

3. Press < or > to select submenu, and press III to enter.



4. Press < or > to adjust.



5. Press 🛨 to exit.

H.Position	0-100	Adjust the horizontal position of OSD
V.Position	0-100	Adjust the vertical position of OSD
Timeout	5-120	Adjust the OSD Timeout
Transparence	0-100	Adjust the transparence of OSD
 Language		Select the OSD language
Break Reminder	on or off	Break reminder if the user continuously work for more
Break Kerninder		than 1hrs

### Extra



1. Press III (Menu) to display menu.

Extra	Exit	Luminance	Image Setup	Color Setup	Picture Boost	OSD Setu
					and l	

2. Press < or > to select  $\checkmark$  (Extra), and press  $\blacksquare$  to enter.

Extra Wipok Series		Exit	_		mage Setuj	 Color Setup	Picture Boost	OSD Setu
Auto Config		Yes		Image Ratio				
	_				ADC	0	< > (g) = 0	
						_	<u> </u>	

3. Press < or > to select submenu, and press into enter.



4. Press < or > to adjust.



5. Press 🛨 to exit.

	Input Select	Auto / D-SUB / DVI / HDMI / DP	Select Input Signal Source		
	Auto Config	yes or no	Auto adjust the picture to default		
21	Off timer	0-24hrs	Select DC off time		
X	Image Ratio	wide or 4:3	Select wide or 4:3 format for display		
	DDC-CI	yes or no	Turn ON/OFF DDC-CI Support		
	Reset	Yes or no	Reset the menu to default		
	Information		Show the information of the main image and sub-image source		

### Exit

	The Image Setu	Color Setup		e Boost	SSD Setup	Extra	Exit
		Gamma		Gamma 1			
Brightness							
	<ul> <li>Standard</li> </ul>						
			_A1010		0.5.3	<u>^</u>	
		1				[]	
					4	10	

1. Press IIII (Menu) to display menu.

Luminance Image Setup Color Setup Picture Boost OSD Setup Extra	
2. Press < or > to select (Exit), and press Ⅲ to enter.	
Luminance Image Setup Color Setup Picture Boost OSD Setup Extra	
3. Press to exit.	

Exit Exit the main OSD

## **LED Indicator**

Status	LED Color			
Full Power Mode	Green	0		
Active-off Mode	Orange	0		

## Driver

## **Monitor Driver**

## Windows 8

- 1. Start Windows® 8
- 2. Right click and click **All apps** at the bottom-right of the screen.



- 3. Click on the "Control panel" icon
- 4. Set the "View by" to "Large icons" or "Small icons".

		All Control Pane	i items		- 0
i 🕘 = 🕈 🥰 🛛 Control Panel	All Control Panel Items			v 6 Se	arch Control Panel
djust your computer's setting	s			View	by: Large icons *
Action Center	Administrative Tools	AutoPlay	RitLocker Drive Encryption	Color Management	Large icons     Small icons
Credential Manager	Date and Time	Default Programs	Device Manager	Devices and Printers	
Display	Ease of Access Center	Family Safety	File History	Flash Player (32-bit)	
Folder Options	Fonts	HomeGroup	lndexing Options	1 Internet Options	
📚 Keyboard	K Language	Location Settings	J Mouse	Network and Sharing Center	
Notification Area Icons	NVIDIA Control Panel	Performance Information and Tools	Personalization	Phone and Modern	
Power Options	Programs and Features	Recovery	Region	RemoteApp and Desktop Connections	
Sound	Speech Recognition	Storage Spaces	Sync Center	Mage System	
Taskbar	Troubleshooting	Ser Accounts	Windows 7 File Recovery	Windows Defender	
Windows Firewall	Windows Update				

11:16 PM 12/25/2012 5. Click on the "**Display**" icon.

Action Center	C Administrative Tools	AutoPlay	Backup and Restore	
Color Management	Credential Manager	a Date and Time	😨 Default Programs	
Desktop Gadgets	Jevice Manager	and Devices and Printers	a Display	
Ease of Access Center	E Folder Options	Fonts	Getting Started	
& HomeGroup	- Indexing Options	Internet Options	- Keyboard	
Location and Other Sensors	J Mouse	Network and Sharing Center	Diffication Area lcons	
NVIDIA Control Panel	<b>41</b> NVEDEA PhysX	Rarental Controls	/ Pen and Touch	
Performance Information and Tools	Personalization	Phone and Modern	Power Options	
Programs and Features	Realtek HD Audio Manager	🛋 Recovery	Region and Language	
RemoteApp and Desktop Connections	Sound	Ø Speech Recognition	Sync Center	
System	Tablet PC Settings	Taskbar and Start Menu	Troubleshooting	
& User Accounts	🍇 Windows Anytime Upgrade	Windows CardSpace	Net Windows Defender	
Windows Firewall	Windows Update			

6. Click on the "Change display settings" button.

🔁 🖣 🕨 Control Panel 🕨	All Control Panel Items   Display		Search Control Panel
Control Panel Home	Make it easier to read what's or	n your screen	
Adjust resolution	You can change the size of text and other	items on your screen by choosing one of these options. To	
Calibrate color	temporarily enlarge just part of the scree	n, use the Magnifier tool.	
Change display settings	Smaller - 100%		
Adjust ClearType text	Smaller - 200%	Preview	
Set custom text size (DPI)	Medium - 125% (default)		
	🙁 Larger - 150%		
		Apply	
See also			
Personalization			
Devices and Printers			

7. Click the "Advanced Settings" button.

		-
Control Panel + All Control Panel Items + Display + Screen Resolution	49 Search Control Panel	P
Change the appearance of your display		
Detect		
Display: 1. Minida Default Tiat Panel • Resolution: 1.520 ± 1.080 (recommended) • Orientation: Landscape •		
Advanced settings		
Make test and other items larger or smaller What display settings should I choose?		
OK Cancel Apply		

8. Click the **"Monitor"** tab and then click the **"Properties"** button.

0	Generi			Pro	perties
Monit	orSettings				
	n refresh r	ate:			
60 H	ertz				•
cann		orrectly. This	you to select dis may lead to an u		
Color	B:				
Color	s: Color (32 t	oit) 🔻			

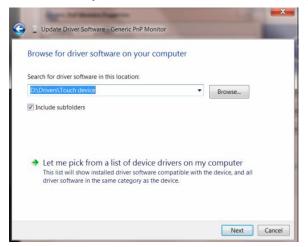
9. Click the "Driver" tab.

General Driver Details			
Generic PnP Mo	nitor		
Driver Provider.	Microsoft		
Driver Date:	6/21/2006		
Driver Version:	6.1.7600.16385		
Digital Signer:	Microsoft Windows		
Driver Details	To view details about the driver files.		
Update Driver	To update the driver software for this device. If the device fails after updating the driver, roll back to the previously installed driver. Disables the selected device.		
Roll Back Driver			
Disable			
Uninstall	To uninstall the driver (Advanced).		
	OK Cancel		

10. Open the "Update Driver Software-Generic PnP Monitor" window by clicking on "Update Driver... " and then click the "Browse my computer for driver software" button.

•	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.

11. Select "Let me pick from a list of device drivers on my computer".



12. Click the "Have Disk" button. Click on the "Browse" button and navigate to the following directory:

X:\Driver\module name (where X is the drive letter designator for the CD-ROM drive).

Install Fro	rt the manufacturer and model of your hardware device an om Disk	d then click Next
-	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	
	F:\Drivers\e936Vw	Browse

- 13. Select the "xxx.inf" file and click the "Open" button. Click the "OK" button.
- 14. Select your monitor model and click the "**Next**" button. The files will be copied from the CD to your hard disk drive.
- 15. Close all open windows and remove the CD.
- 16. Restart the system. The system will automatically select the maximum refresh rate and corresponding Color Matching Profiles.

### Windows 7

1.Start Windows® 7

2.Click on the 'Start' button and then click on 'Control Panel'.



3. Click on the 'Display' icon.

Color Management         Credential Manager         Date and Time           Working Galagett         Device Manager         Devices and Printers           Date of Access term         Ender Options         Finance           Interview         Ender Options         Finance           Interview         Ender Options         Finance           Interview         Interview         Ender Options           Interview         Interview         Interview           Interview         Monae         Interview           WYGMA Control Patent         Monae         Interview	Default Programs     Display     Display     Getting Started     Webpaind
Ease of Access Center         Folder Options         Fonts           HomeGroup         Ap Indexing Options         The Internet Options           Caction and Other Semions         It Mouse         Network and Sharing Center	Getting Started
HomeGroup         Jule         Indexing Options         Control           Cocation and Other Sensors         If Mouse         Mouse         Network and Sharing Center	
Location and Other Sensors of Mouse	- Keyboard
NVIDIA Control Panel 🚳 NVIDIA Physik 🎄 Parental Controls	Notification Area Icons
	/ Pen and Touch
📱 Performance Information and Tools 🛛 🦉 Personalization 🖉 Phone and Modern	Power Options
🔋 Programs and Features 🛛 👼 Realtek HD Audio Manager 🚽 💰 Recovery	Region and Language
RemoteApp and Desktop Connections 💮 Sound 🕴 Speech Recognition	Sync Center
🖌 System 📓 Tablet PC Settings 📃 Taskbar and Start Menu	Troubleshooting
🐮 User Accounts 🥞 Windows Anytime Upgrade 🦉 Windows CardSpace	Nill Windows Defender
🔮 Windows Firewall 💦 Windows Update	

4.Ckick on the "Change display settings" button.

Control Panel >	All Control Panel Items > Display		Search Cantrol Panel      P
Control Panel Home Adjust resolution Calibrate color Change display settings	Make it easier to read what's o You can change the size of text and othe temporarily enlarge just part of the scree	er items on your screen by choosing one of these options. To	•
Adjust ClearType text	Smaller - 100%	Preview	
Set custom text size (DPI)	Medium - 125% (default)		
	◎ Larger - 150%		
		Apply	
See also Personalization			
Devices and Printers			

 $5.\mbox{Click}$  the "Advanced Settings" button.

Control Panel + All Control Panel Items + Display	Screen Resolution	Search Control Panel     P
Change th	e appearance of your display	
Display: Resolution:	I. Nvidia Default Flat Panel     I200 × 1080 (incommended)	
	Landscape   Advanced setting other items larger or smaller etiting should I choose?	
river opport	OK Cancel Apply	i.

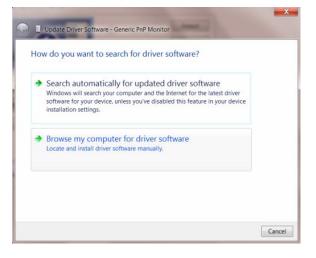
6.Click the **"Monitor"** tab and then click the **"Properties"** button.

apter	Monitor or Type	Troubleshoo	t Color Mana	gement	CeForce 9	9100M G
Monit		ric PnP Monito	r			
0				(	😽 Properti	es
Monit	or Setting:	1				
	n refresh					
60 H	ertz					-
			tor cannot disp			
Clear	ing this ch	eck box allow correctly. This	s you to select	display	modes that this ble display and/	
Clear	ing this ch ot display iged hard	eck box allow correctly. This	s you to select	display		
Clear canno dama	ing this ch ot display iged hard	eck box allow correctly. This ware.	s you to select	display		
Clear canno dama	ing this ch at display aged hard s:	eck box allow correctly. This ware.	s you to select	display		
Clear canno dama	ing this ch it display iged hard s:	eck box allow correctly. This ware.	s you to select	display		
Clear canno dama	ing this ch it display iged hard s:	eck box allow correctly. This ware.	s you to select	display		

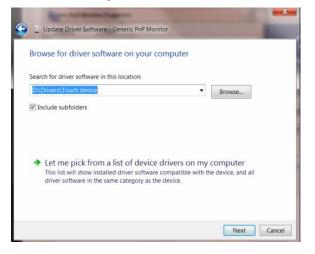
7.Click the "Driver" tab.

ieneral	Driver Details	
	Generic PnP Mo	pnitor
	Driver Provider	Microsoft
	Driver Date:	6/21/2006
	Driver Version:	6.1.7600.16385
	Digital Signer:	Microsoft Windows
Dri	ver Details	To view details about the driver files.
Upo	date Driver	To update the driver software for this device.
Roll	Back Driver	If the device fails after updating the driver, roll back to the previously installed driver.
	Disable	Disables the selected device.
	Uninstall	To uninstall the driver (Advanced).

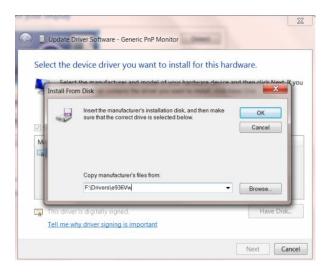
8. Open the "Update Driver Software-Generic PnP Monitor" window by clicking on "**Update Driver...** "and then click the **"Browse my computer for driver software"** button.



9. Select "Let me pick from a list of device drivers on my computer".



10. Click the **"Have Disk"** button. Click on the **"Browse"** button and navigate to the following directory: X:\Driver\module name (where X is the drive letter designator for the CD-ROM drive).



11. Select the "xxx.inf" file and click the "Open" button. Click the "OK" button.

12. Select your monitor model and click the "**Next**" button. The files will be copied from the CD to your hard disk drive.

13. Close all open windows and remove the CD.

14. Restart the system. The system will automatically select the maximum refresh rate and corresponding Color Matching Profiles.

## Windows Vista

		Carlos - En Contralhand a		B	
Encode Tophone Internet Tophone Final Transform, Uppl Westowne Cartine	And a second sec	Control Front Hone:     Dimen York	0	System and Maintenance Generation with Window Rect of plan compiler	Liber Accounts
District Mada Payer	Anton Munit Darm			Security Chain for update Chain for unpotent ( security datase Share a program through the datase Researd	Charge the supervisor of dealing from, spipe of their or scheduling from supervisor of their or scheduling both mensi and tealing
Windows Live Messarger Developed	Sauch Person three		¢.	Serve file prevent	Ook Language, and Region Owner technologies Charge feelse singurge Charge feelse singurge
Adula Postorius (1) Adula Postorius (1) Valuato	Computer Referent	12	T	Mandware and Sound Aug CDs is ofter restariationly drives Manage	Contract of Access Let Windows suggest Letting Cybings would deploy
Command Pryingt	Control Fand	1	<u>a</u>	Programs: Oneside a program Change diaffae programs	Additional Options
<ul> <li>Al Program</li> <li>Durt land</li> </ul>	Help and Support	Provide and the second			

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

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

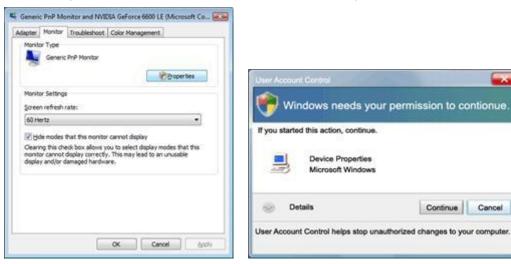


3. Click "Advanced Settings...".



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.

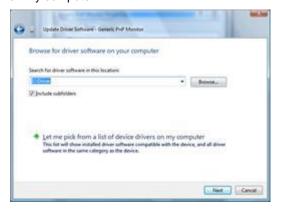
If the message "Windows needs..." is displayed, as shown in the figure below, click "Continue".



5. Click "Update Driver..." in the "Driver" tab.

neric PriP Monitor Properties	Generic PriP Monitor Properties
Genetic PhP Monitor	General Prime (Detain)
Device type: Monitors Manufacturer: (Standard monitor types) Location: on IV/DIA GeForce 6600 LE (Microsoft Corpo Device status	Driver Provider: Microsoft Driver Date: 6/21/2006 Driver Version: 6.0.6000.16386 Digital Signer: microsoft windows
This device is working property.	Driver Details         To vew details about the driver files.           Ubdate Driver         To update the driver rollware for this device.           Boll Back Driver         If the device fails after updating the driver, roll back to the previously installed driver.           Deable         Deables the selected driver.
OK Cancel	Uninitial To uninitial the driver (Advanced).

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.

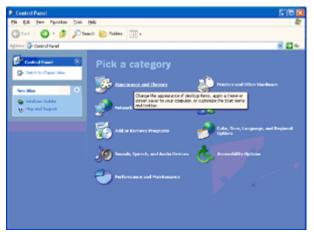
9. Click "Close"  $\rightarrow$  "Close"  $\rightarrow$  "OK"  $\rightarrow$  "OK" on the following screens displayed in sequence.

## Windows XP

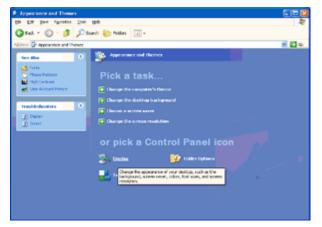
- 1. Start Windows® XP
- 2. Click on the 'Start' button and then click on 'Control Panel'.



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.

isplay Propertie	5	2
Themes Desktop	Screen Saver Appearance Settin	900
Display:	Apr on 3D Prophet III	
Screen resolution		
1024 by 7	60 pixelo	
	Iroubleshoot	Advanced
	OK Cance	Apply A

- 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.

	or and 3D Prophet III Properties 🛛 📝
GeForce3	Selection Selection Correction
ieneral Adapter	Monitor Troubleshoot Color Managemen
Monitor type	
Plug and Pla	9 Monitor
	Properties
Monitor settings	
Screen refresh rate:	
60 Hertz	¥
	his monitor cannot display
	ox allows you to select display modes that this y correctly. This may lead to an unusable display
monitor cannot displa	ox allows you to select display modes that this y correctly. This may lead to an unusable display

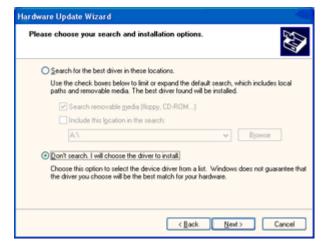
7. Click on the 'Driver' tab and then click on 'Update Driver...' button.

Plug and Play Monitor Properties 🛛 😨 🔀	
General Driver	Plug and Play Monitor Properties
Plug and Play Monitor	General Driver
Device type: Monitors	Plug and Play Monitor
Manufacturer: (Standard monitor types)	Driver Provider: Microsoft
Location: on 3D Prophet III	Driver Date: 6/6/2001
Device status	Driver Version: 5.1.2001.0
This device is working properly.	Digital Signer: Microsoft Windows XP Publisher
If you are having problems with this device, click Troubleshoot to start the troubleshooter.	Driver Details To view details about the driver files.
	Ugdate Driver To update the driver for this device.
Iroubleshoot	Boll Baok Driver If the device fails after updating the driver, roll back to the previously installed driver.
Device usage: Use this device (enable)	Uninatal To uninatal the driver (Advanced).
OK Cancel	OK Cancel

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 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.

## i-Menu



Welcome to "i-Menu" software by AOC. i-Menu makes it easy to adjust your monitor display setting by using on screen menus instead of the OSD button on the monitor. To complete installation, please follow the installation guide.

i-Menu	Lumii	nance	98
		×	
Contrast	<u> </u>	🔆 Brightness	
γ Gamma	🖣 Gamma 1	🔯 Eco Mode	∢ 🗹 ▶
📑 DCR	<b>∀</b>		
			۹
0	1	DC	

## e-Saver

## **C**-saver

Welcome to use AOC e-Saver monitor power management software! The AOC e-Saver features Smart Shutdown functions for your monitors, allows your monitor to timely shutdown when PC unit is at any status (On, Off, Sleep or Screen Saver); the actual shutdown time depends on your preferences (see example below). Please click on "driver/e-Saver/setup.exe" to start installing the e-Saver software, follow the install wizard to complete software installation.

Under each of the four PC status, you may choose from the pull-down menu the desired time (in minutes) for your monitor to automatically shutdown. The example above illustrated:

- 1) The monitor will never shutdown when the PC is powered on.
- 2) The monitor will automatically shutdown 5 minutes after the PC is powered off.
- 3) The monitor will automatically shutdown 10 minutes after the PC is in sleep/stand-by mode.
- 4) The monitor will automatically shutdown 20 minutes after the screen saver appears.



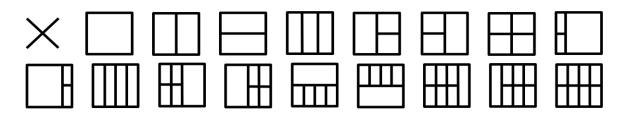
You can click "RESET" to set the e-Saver to its default settings like below.



## Screen+



Welcome to "Screen+" software by AOC, Screen+ software is a desktop screen splitting tool, it splits the desktop into different panes, each pane displays a different window. You only need to drag the window to a corresponding pane, when you want to access it. It supports multiple monitor display to make your task easier. Please follow the installation software to install it.



# 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	<ul> <li>Is the power cord connected properly?</li> <li>Check the power cord connection and power supply.</li> <li>Is the cable connected correctly?</li> <li>(Connected using the D-sub cable)</li> <li>Check the DB-15 cable connection.</li> <li>(Connected using the DVI cable)</li> <li>Check the DVI cable connection.</li> <li>* DVI input is not available on every model.</li> <li>If the power is on, reboot the computer to see the initial screen (the login screen), which can be seen.</li> <li>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.</li> <li>(Refer to the Setting the Optimal Resolution)</li> <li>If the initial screen (the login screen) does not appear, contact the Service Center or your dealer.</li> <li>Can you see "Input Not Supported" on the screen?</li> <li>You can see this message when the signal from the video card exceeds the maximum resolution and frequency that the monitor can handle properly.</li> <li>Make sure the AOC Monitor Drivers are installed.</li> </ul>
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 does not look white)	Adjust RGB color or select desired color temperature.
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.

# **Specification**

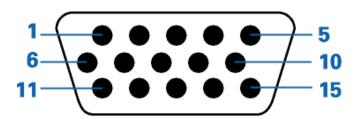
## **General Specification**

	Model name	Q2778VQE		
Panel	Driving system	TFT Color LCD		
	Viewable Image Size	68.5 cm diagonal		
	Pixel pitch	0. 2331 mm(H) x 0. 2331 mm(V)		
	Video	R, G, B Analog Interface		
	Separate Sync.	H/V TTL		
	Display Color	16.7M Colors		
	Pixel clock	205 MHz (VGA) / 300M	IHz (DVI/HDMI/D	P)
	Horizontal scan range	30 kHz - 83 kHz(VGA)	/ 30 kHz - 99 kHz	z(DVI/HDMI/DP)
	Horizontal scan Size(Maximum)	596.74 mm		
	Vertical scan range	50 kHz - 76 kHz		
	Vertical scan Size(Maximum)	335.66 mm		
	Optimal preset resolution	1920 x 1080@60 Hz(V 2560 x 1440@60Hz(D\		
	Plug & Play	VESA DDC2B/CI		
Others	Input Connector	D-Sub 15pin, DVI-D Dual link, HDMI,DP		
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, Positive, DVI-D Dual link, HDMI,DP		ositive,
	Power Source	100-240V~, 50/60Hz		
		Typical(Brightness = 90,Contrast = 50) 45		45W
	Power Consumption	(Brightness = 100,Contrast = 100)		52W
		Power saving		<0.5W
	Off timer	0~24 hrs		
	Signal Cable Type	Detachable		
		Height (with base)	470.7 mm	
Physical Characteristics	Dimensions & Weight	Width	640.3 mm	
	Dimensions & Weight	Depth	229.1 mm	
		Weight (monitor only)	4.7 kg	
	Temperature	Operating 0°C ~ 40°C		
		Non-Operating	-25°C ~ 55°C	
Environmental	Humidity	Operating 10% ~ 85% (non-condensir		on-condensing)
		Non-Operating	5% ~ 93% (nor	n-condensing)
	Altitude	Operating 0~ 3658m (0~ 12000 ft )		12000 ft )
		Non-Operating 0~ 12192m (0~ 40000 ft )		

## Preset Display Modes

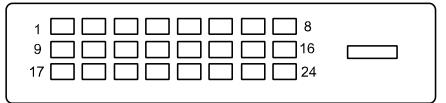
STAND	RESOLUTION	HORIZONTAL FREQUENCY(kHZ)	VERTICAL FREQUENCY(Hz)
	640×480 @60Hz	31.469	59.94
VGA	640×480 @72Hz	37.861	72.809
	640×480 @75Hz	37.5	75
MAC MODE	640 × 480@67Hz	35	66.667
IBM MODE	720×400@70Hz	31.469	70.087
	800×600 @56Hz	35.156	56.25
	800×600 @60Hz	37.879	60.317
SVGA	800×600 @72Hz	48.077	72.188
	800×600 @75Hz	46.875	75
MAC MODE	832×624@75Hz	49.725	74.551
	1024×768 @60Hz	48.363	60.004
XGA	1024×768 @70Hz	56.476	70.069
	1024×768 @75Hz	60.023	75.029
***	1280×960@60Hz	60	60
SXGA	1280×1024@60Hz	63.981	60.02
SXGA	1280×1024@75Hz	79.976	75.025
***	1280×720@60Hz	44.772	59.855
WXGA+	1440×900 @60Hz	55.935	59.876
WSXGA+	1680×1050 @60Hz	65.29	59.95
FHD	1920 × 1080@60Hz	67.5	60
QHD	2560 × 1440@60Hz	88.787	60

## **Pin Assignments**



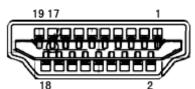
### **15-Pin Color Display Signal Cable**

Pin NO.	Signal Name
1	Video-Red
2	Video-Green
3	Video-Blue
4	N.C.
5	Detect Cable
6	GND-R
7	GND-G
8	GND-B
9	+5V
10	Ground
11	N.C.
12	DDC-Serial data
13	H-sync
14	V-sync
15	DDC-Serial clock



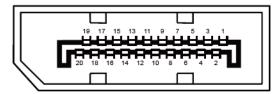
### 24-Pin Color Display Signal Cable

Pin No.	Signal Name	Pin No.	Signal Name	Pin No.	Signal Name
1.	TMDS Data 2-	9.	TMDS Data 1-	17.	TMDS Data 0-
2.	TMDS Data 2+	10.	TMDS Data 1+	18.	TMDS Data 0+
3.	TMDS Data 2/4 Shield	11.	TMDS Data 1/3 Shield	19.	TMDS Data 0/5 Shield
4.	TMDS Data 4- / N.C.	12.	TMDS Data 3- / N.C.	20.	TMDS Data 5- / N.C.
5.	TMDS Data 4+ / N.C.	13.	TMDS Data 3+ / N.C.	21.	TMDS Data 5+ / N.C.
6.	DDC Clock	14.	+5V Power	22.	TMDS Clock Shield
7.	DDC Data	15.	Ground (for +5V)	23.	TMDS Clock +
8.	N.C.	16.	Hot Plug Detect	24.	TMDS Clock -



#### 18 2 19-Pin Color Display Signal Cable

Pin No.	Signal Name	Pin No.	Signal Name	
1	TMDS Data 2+	11	TMDS Clock Shield	
2	TMDS Data 2 Shield	12	TMDS Clock	
3	TMDS Data 2	13	CEC	
4	TMDS Data 1+	14	Reserved (N.C. on device	
5	TMDS Data 1Shield	15	SCL	
6	TMDS Data 1	16	SDA	
7	TMDS Data 0+	17	DDC/CEC Ground	
8	TMDS Data 0 Shield	18	+5V Power	
9	TMDS Data 0	19	Hot Plug Detect	
10	TMDS Clock +			



#### 20-Pin Color Display Signal Cable

Pin No.	Signal Name	Pin No.	Signal Name	
1	ML_Lane 3 (n)	11	GND	
2	GND	12	ML_Lane 0 (p)	
3	ML_Lane 3 (p)	13	CONFIG1	
4	ML_Lane 2 (n)	14	CONFIG2	
5	GND	15	AUX_CH(p)	
6	ML_Lane 2 (p)	16	GND	
7	ML_Lane 1 (n)	17	AUX_CH(n)	
8	GND	18	Hot Plug Detect	
9	ML_Lane 1 (p)	19	Return DP_PWR	
10	ML_Lane 0 (n)	20	DP_PWR	

## **Plug and Play**

#### Plug & Play DDC2B Feature

This monitor is equipped with VESA DDC2B capabilities according to the VESA DDC STANDARD. It allows the monitor to inform the host system of its identity and, depending on the level of DDC used, communicate additional information about its display capabilities.

The DDC2B is a bi-directional data channel based on the I2C protocol. The host can request EDID information over the DDC2B channel.

# Regulation

## **FCC Notice**

#### FCC Class B Radio Frequency Interference Statement WARNING: (FOR FCC CERTIFIED MODELS)

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.

#### NOTICE :

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference. It is the responsibility of the user to correct such interference.

## **WEEE Declaration**

Disposal of Waste Equipment by Users in Private Household in the European Union.



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste.Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment.The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product .

## **WEEE Declaration for India**



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste equipment for recycling in India please visit the below web link.

www.aocindia.com/ewaste.php.

## **RoHS Declaration for India**

This product complies with all implemented RoHS type regulations worldwide, including but not limited to, EU, Korea, Japan, US States (e.g. California), Ukraine, Serbia, Turkey, Vietnam and India. We continue to monitor, influence and develop our processes to comply with upcoming proposed RoHS type regulations, including but not limited to, Brazil, Argentina, Canada.

#### **Restriction on Hazardous Substances statement (India)**

This product complies with the "India E-waste Rule 2011" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

## **EPA Energy Star**



ENERGY STAR® is a U.S. registered mark. As an ENERGY STAR® Partner, AOC International (Europe) BV and Envision Peripherals, Inc. have determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

## Service

## Warranty Statement for Europe

### LIMITED THREE-YEAR WARRANTY\*

For AOC LCD Monitors sold within Europe, AOC International (Europe) B.V. warrants this product to be free from defects in material and workmanship for a period of Three (3) years after the original date of consumer purchase. During this period, AOC International (Europe) B.V. will, at its option, either repair the defective product with new or rebuilt parts, or replace it with a new or rebuilt product at no charge except as \*stated below. In the absent of the proof of purchase, the warranty will start 3 months after the date of manufacturing indicated on the product.

If the product appears to be defective, please contact your local dealer or refer to the service and support section on<u>www.aoc-europe.com</u>for the warranty instructions in your country. The freight cost for the warranty is pre-paid by AOC for the delivery and return.Please ensure you provide a dated proof of purchase along with the product and deliver to the AOC Certified or Authorized Service Center under the following condition:

- Make sure the LCD Monitor is packed in a proper carton box (AOC prefers the original carton box to protects your monitor well enough during transport).
- Put the RMA number on the address label
- Put the RMA number on the shipping carton

AOC International (Europe) B.V. will pay the return shipping charges within one of the countries specified within this warranty statement. AOC International (Europe) B.V. is not responsible for any costs associated with the transportation of product across international borders. This includes the international border within the European Union. If the LCD Monitor is not available for collection when the currier attends, you will be charged a collection fee.

#### \* This limited warranty does not cover any losses or damages that occur as a result of:

- Damages during transport due to improper packaging
- Improper installation or maintenance other then in accordance with AOC's user manual
- Misuse
- Neglect
- Any cause other than ordinary commercial or industrial application
- Adjustment by non-authorized source
- Repair, modification, or installation of options or parts by anyone other than an AOC Certified or Authorized ServiceCenter
- Improper environments like humidity, water damage and dusts
- Damaged by violence, earthquake and terrorist attacks
- Excessive or inadequate heating or air conditioning or electrical powers failures, surges, or other irregularities

This limited warranty does not cover any of the product firmware or hardware that you or any third party have modified or altered; you bear the sole responsibility and liability for any such modifications or alteration.

All AOC LCD Monitors are produced according to the ISO 9241-307 Class 1 pixel policy standards.

If your warranty has expired, you still have access to all available service options, but you will be responsible for the cost of service, including parts, labor, shipping (if any) and applicable taxes. AOC Certified or Authorized Service Center will provide you with an estimate of service costs before receiving your authorization to perform service.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO A PERIOD OF THREE (3) YEARS FOR PARTS AND LABOR FROM THE ORIGINAL DATE OF CONSUMER PURCHASE. NO WARRANTIES (EITHER EXPRESSED OR IMPLIED) APPLY AFTER THIS PERIOD. AOC INTERNATIONAL (EUROPE) B.V. OBLIGATIONS AND YOUR REMEDIES HEREUNDER ARE SOLELY AND EXCULSIVELY AS STATED HERE. AOC INTERNATIONAL (EUROPE) B.V. LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT OR DAMAGE IS THE BASIS OF THE CLAIM. IN NO EVENT SHALL AOC INTERNATIONAL (EUROPE) B.V. BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE OR FACILITIES OR EQUIPMENT, OR OTHER INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALTHOUGH THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, YOU MAY HAVE OTHER RIGHTS, WHICH MAY VARY FROM COUNTRY TO COUNTRY. THIS LIMITED WARRANTY IS ONLY VALID FOR PRODUCTS PURCHASED IN THE MEMBER COUNTRIES OF THE EUROPEAN UNION.

Information in this document is subject to change without notice.For more information, please visit: <a href="http://www.aoc-europe.com">http://www.aoc-europe.com</a>

## Warranty Statement for Middle East and Africa (MEA)

## And

## The Commonwealth of Independent States (CIS)

### LIMITED ONE to THREE YEARS WARRANTY\*

For AOC LCD Monitors sold within the Middle East and Africa (MEA) and the Commonwealth of Independent States (CIS), AOC International (Europe) B.V. warrants this product to be free from defects in material and workmanship for a period of One (1) to Three (3) years from the manufacture date depending on sale country. During this period, AOC International (Europe) B.V. offers a Carry-In (return to Service Center)Warranty Support at an AOC's Authorized Service Center or Dealer andat its option, either repair the defective product with new or rebuilt parts, or replace it with a new or rebuilt product at no charge except as \*stated below. As a Standard Policy,the warranty will be calculated from the manufacture date identified from the product ID serial number, but the total warranty will be Fifteen (15) months to Thirty Nine (39) months from MFD (manufacture date) depending on sale country. Warranty will be considered for exceptional cases that are out of warranty as per the product ID serial number and for such exceptional cases; Original Invoice/Proof Of Purchase Receipt is mandatory.

If the product appears to be defective, please contact your AOC authorized dealer or refer to the service and support section on AOC's website for the warranty instructions in your country:

- Egypt: <u>http://aocmonitorap.com/egypt\_eng</u>
- CIS Central Asia: <u>http://aocmonitorap.com/ciscentral</u>
- Middle East: <u>http://aocmonitorap.com/middleeast</u>
- South Africa: <u>http://aocmonitorap.com/southafrica</u>
- Saudi Arabia: <u>http://aocmonitorap.com/saudiarabia</u>

Please ensure you provide a dated proof of purchase along with the product and deliver to the AOC Authorized Service Center or Dealer under the following condition:

- Make sure the LCD Monitor is packed in a proper carton box (AOC prefers the original carton box to protects your monitor well enough during transport).
- Put the RMA number on the address label
- Put the RMA number on the shipping carton

#### \* This limited warranty does not cover any losses or damages that occur as a result of:

- Damages during transport due to improper packaging
- Improper installation or maintenanceother then in accordance with AOC's user manual
- Misuse
- Neglect
- Any cause other than ordinary commercial or industrial application

- Adjustment by non-authorized source
- Repair, modification, or installation of options or parts by anyone other than an AOC Certified or Authorized Service Center
- Improper environments like humidity, water damage and dusts
- Damaged by violence, earthquakes and terrorist attacks
- Excessive or inadequate heating or air conditioning or electrical powers failures, surges, or other irregularities

This limited warranty does not cover any of the product firmware or hardware that you or any third party have modified or altered; you bear the sole responsibility and liability for any such modifications or alteration.

All AOC LCD Monitors are produced according to the ISO 9241-307 Class 1 pixel policy standards.

If your warranty has expired, you still have access to all available service options, but you will be responsible for the cost of service, including parts, labor, shipping (if any) and applicable taxes. AOC Certified, Authorized Service Centeror dealerwill provide you with an estimate of service costs before receiving your authorization to perform service.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO A PERIOD OF ONE (1) to THREE (3) YEARS FOR PARTS AND LABOR FROM THE ORIGINAL DATE OF CONSUMER PURCHASE. NO WARRANTIES (EITHER EXPRESSED OR IMPLIED) APPLY AFTER THIS PERIOD. AOC INTERNATIONAL (EUROPE) B.V. OBLIGATIONS AND YOUR REMEDIES HEREUNDER ARE SOLELY AND EXCULSIVELY AS STATED HERE. AOC INTERNATIONAL (EUROPE) B.V. LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT OR DAMAGE IS THE BASIS OF THE CLAIM. IN NO EVENT SHALL AOC INTERNATIONAL (EUROPE) B.V. BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE OR FACILITIES OR EQUIPMENT, OR OTHER INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALTHOUGH THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, YOU MAY HAVE OTHER RIGHTS, WHICH MAY VARY FROM COUNTRY TO COUNTRY. THIS LIMITED WARRANTY IS ONLY VALID FOR PRODUCTS PURCHASED IN THE MEMBER COUNTRIES OF THE EUROPEAN UNION.

Information in this document is subject to change without notice. For more information, please visit: <u>http://www.aocmonitorap.com</u>



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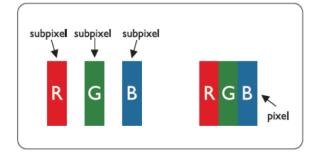
## AOC PIXEL POLICY ISO 9241-307 CLASS 1

July 25<sup>th</sup>, 2013

AOC strives to deliver the highest quality products. We use some of the industry's most advanced manufacturing processes and practice stringent quality control. However, pixel or sub pixel defects on the TFT monitor panels used in flat panel monitors are sometimes unavoidable. No manufacturer can guarantee that all panels will be free from pixel defects, but AOC guarantees that any monitor with an unacceptable number of defects will be repaired or replaced under warranty. This Pixel Policy explains the different types of pixel defects and defines acceptable defect levels for each type. In order to qualify for repair or replacement under warranty, the number of pixel defects on a TFT monitor panel must exceed these acceptable levels.

#### **Pixels and Sub Pixel Definition**

A pixel, or picture element, is composed of three sub pixels in the primary colors of red, green and blue. When all sub pixels of pixel are lit, the three colored sub pixel together appear as a single white pixel. When all are dark, the three colored sub pixels together appear as a single black pixel.



#### **Types of Pixel Defects**

- Bright Dot Defects: the monitor displays a dark pattern, sub pixels or pixels are always lit or "on"
- Black Dot Defects: the monitor displays a light pattern, sub pixels or pixels are always dark or "off".

ISO 9241-307	Defect Type 1	Defect Type 2	Defect Type 3		Defect Type 4
Pixel Defect Class	Bright Pixel	Black Pixel	Bright Sub pixel		Black Sub pixel
			2	+	1
Classe 1	1	1	1	+	3
			0	+	5

AOC International (Europe) B.V.

# Warranty Statement for North & South America (excluding Brazil)

#### WARRANTY STATEMENT

for AOC Color Monitors Including those Sold within North America as Specified

Envision Peripherals, Inc. warrants this product to be free from defects in material and workmanship for a period of three (3) years for parts & labor and one (1) year for CRT Tube or LCD Panel after the original date of consumer purchase. During this period, EPI ( EPI is the abbreviation of Envision Peripherals, Inc. ) will, at its option, either repair the defective product with new or rebuilt parts, or replace it with a new or rebuilt product at no charge except as \*stated below. The parts or product that are replaced become the property of EPI.

In the USA to obtain service under this limited warranty, call EPI for the name of the Authorized Service Center closest to your area. Deliver the product freight pre-paid, along with the dated proof of purchase, to the EPI Authorized Service Center. If you cannot deliver the product in person:

- Pack it in its original shipping container (or equivalent)
- Put the RMA number on the address label
- Put the RMA number on the shipping carton
- Insure it (or assume the risk of loss/damage during shipment)
- Pay all shipping charges

EPI is not responsible for damage to inbound product that was not properly packaged.

EPI will pay the return shipment charges within one of the countries specified within this warranty statement. EPI is not responsible for any costs associated with the transportation of product across international borders. This includes the international borders of the countries within this warranty statements.

In the United States and Canada contact your Dealer or EPI Customer Service, RMA Department at the toll free number (888) 662-9888. Or you can request an RMA Number online at www.aoc.com/na-warranty.

\* This limited warranty does not cover any losses or damages that occur as a result of:

- Shipping or improper installation or maintenance
- Misuse
- Neglect
- Any cause other than ordinary commercial or industrial application
- Adjustment by non-authorized source
- \* Repair, modification, or installation of options or parts by anyone other than an EPI Authorized Service Center
- Improper environment
- \* Excessive or inadequate heating or air conditioning or electrical power failures, surges, or other irregularities

This three-year limited warranty does not cover any of the product's firmware or hardware that you or any third party have modified or altered; you bear the sole responsibility and liability for any such modification or alteration.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO A PERIOD OF THREE (3) YEARS FOR PARTS AND LABOR AND ONE (1) YEAR FOR CRT TUBE OR LCD PANEL FROM THE ORIGINAL DATE OF CONSUMER PURCHASE. NO WARRANTIES (EITHER EXPRESSED OR IMPLIED) APPLY AFTER THIS PERIOD. IN THE UNITED STATES OF AMERICA, SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

EPI OBLIGATIONS AND YOUR REMEDIES HEREUNDER ARE SOLELY AND EXCLUSIVELY AS STATED HERE. EPI' LIABILITY, WHETHER BASED ON CONTRACT, TORT. WARRANTY, STRICT LIABILITY, OR OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT OR DAMAGE IS THE BASIS OF THE CLAIM. IN NO EVENT SHALL ENVISION PERIPHERALS, INC. BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE OR FACILITIES OR EQUIPMENT OR OTHER INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE. IN THE UNITED STATES OF AMERICA, SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALTHOUGH THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

In the United States of America, this limited warranty is only valid for Products purchased in the Continental United States, Alaska, and Hawaii.

Outside the United States of America, this limited warranty is only valid for Products purchased in Canada.

Information in this document is subject to change without notice. For more details, please visit:

USA: http://us.aoc.com/support/warranty ARGENTINA: http://ar.aoc.com/support/warranty BOLIVIA: http://bo.aoc.com/support/warranty CHILE: http://cl.aoc.com/support/warranty COLOMBIA: http://co.aoc.com/warranty COSTA RICA: http://cr.aoc.com/support/warranty DOMINICAN REPUBLIC: http://do.aoc.com/support/warranty ECUADOR: http://ec.aoc.com/support/warranty EL SALVADOR: http://sv.aoc.com/support/warranty GUATEMALA: http://gt.aoc.com/support/warranty HONDURAS: http://hn.aoc.com/support/warranty NICARAGUA: http://ni.aoc.com/support/warranty PANAMA: http://pa.aoc.com/support/warranty PARAGUAY: http://py.aoc.com/support/warranty PERU: http://pe.aoc.com/support/warranty URUGUAY: http://pe.aoc.com/warranty VENEZUELA: http://ve.aoc.com/support/warranty IF COUNTRY NOT LISTED: http://latin.aoc.com/warranty

## EASE PROGRAME



Only for AOC branded monitors sold within the continental United States.

All AOC branded monitors are now covered by the EASE Program. If your monitor malfunctions at any time during the first three months, AOC will provide a replacement monitor within 72 hours after you are approved for our program. If your monitor qualifies for the EASE program, AOC will pay for freight both ways.

Step 1: Phone our TECH Department at 888.662.9888Step 2: Fill out and return EASE registration forms by mail or fax.Step 3: We will issue a Return Authorization Number upon verification into the program.Step 4: A monitor will be advance shipped to your location.Step 5: We will issue a UPS Call Tag to pick up the defective unit.Step 6: Please review the following chart to see your EASE program qualifications.

WARRANTY	COVERAGE AT	CUSTOMER	
PERIOD	NO CHARGE	CHARGES	
Within the first three months of	- New AOC monitor		
	- Call tag dispatched and return freight	- None*	
purchase: Covered by EASE	charges via UPS		
Between 4 months – 1 Year	- All Parts & Labor Including CRT	UDC Determ Encicht to AOC	
Between 4 months – 1 Year	Tube & LCD Panel	- UPS Return Freight to AOC	
Between 1 Year - 3 Years: Covered	- Parts & Labor (excluding CRT Tube	- UPS Return Freight to AOC	
by standard limited warranty	& LCD Panel)		

\*AOC will need to obtain a credit card number if you would like to get a new AOC monitor advanced shipped to your location, prior to the defective unit arriving at AOC's service center. If you do not wish to supply a credit card, AOC will only ship the new monitor, once the defective unit arrives at the AOC service center.



## **TCO DOCUMENT**

## **Congratulations!**

#### This product is designed for both you and the planet!



TCO Development works for sustainable IT manufacture, use and recycling of Π products reflecting environmental, social and economic responsibility.

TCO Certified is a third party verified program, where every product model is tested by an accredited impartial test laboratory. TCO

Certified represents one of the toughest certifications for ICT products worldwide.

#### Some of the Usability features of TCO Certified Displays:

- Visual Ergonomics for image quality is tested to ensure top performance and reduce sight and strain problems. Important parameters are Resolution, Luminance, Contrast, Reflection and Colour characteristics
- Products are tested according to rigorous safety standards at impartial laboratories
- Electric and magnetic fields emissions as low as normal household background levels
- Workload ergonomics to ensure a good physical environment

#### Some of the Environmental features of TCO Certified Displays:

- Production facilities have an Environmental Management System (EMAS or ISO 14001)
- Low energy consumption to minimize climate impact
- Restrictions on Chlorinated and Brominated flame retardants, plasticizers, plastics and heavy metals such as cadmium, mercury and lead (RoHS compliance)
- Both product and product packaging is prepared for recycling
- The brand owner offers take-back options

#### Corporate Social Responsibility

 The brand owner demonstrates the product is manufactured under working practices that promote good labour relations and working conditions.

The Criteria Document can be downloaded from our web site. The criteria included in this label have been developed by TCO Development in co-operation with scientists, experts, users as well as manufacturers all over the world. Since the end of the 1980s TCO has been involved in influencing the development of IT equipment in a more user and environmentally friendly direction. Our ICT product labeling system began in 1992 and is now requested by users and ICT-manufacturers all over the world.

For more information, please visit www.tcodevelopment.com

TCO Cartified Document for Displays version, 2.3



(FOR TCO CERTIFIED MODELS)