

AOC

LCD Monitor User Manual

G2868PQU LED backlight



Safety.....	3
National Conventions.....	3
Power	4
Installation.....	5
Cleaning.....	6
Other.....	7
Setup	8
Contents in Box	8
Setup Base&Stand.....	9
Adjusting Viewing Angle.....	10
Connecting the Monitor.....	11
Wall Mounting	12
Free-Sync function.....	13
Hotkeys.....	14
OSD Setting.....	15
Luminance	16
Image Setup	17
Color Setup.....	18
Picture Boost	19
OSD Setup	20
Game Setting.....	21
Extra	22
Exit.....	23
LED Indicator.....	23
G-Menu.....	24
e-Saver	25
Screen+	26
Troubleshoot.....	27
Specification.....	28
General Specification.....	28
Preset Display Modes.....	29
Pin Assignments	30
Plug and Play.....	32

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.

 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.

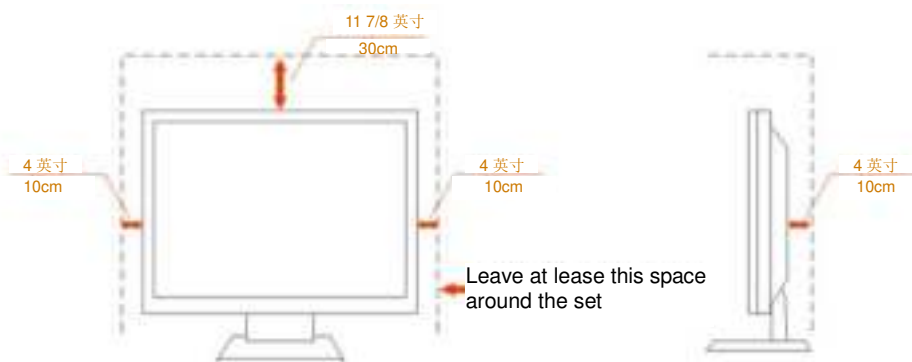
! Do not place the front of the product on the floor.

! 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 with stand



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.




Other

 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

Contents in Box



Monitor



CD Manual



Warranty card



Base



Stand



Screws



Power Cable



Audio Cable



Analog Cable



DP Cable



HDMI Cable

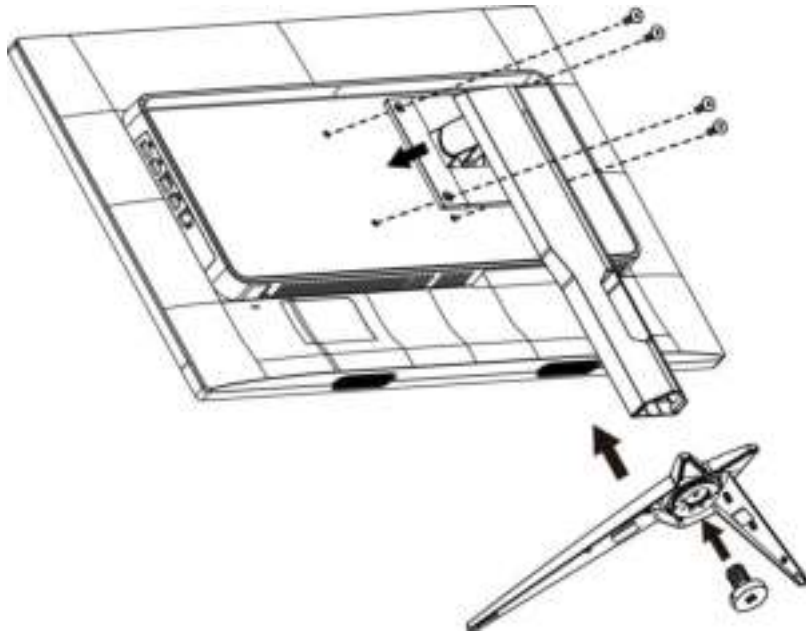
* Not all signal cables (Audio, Analog, DP, HDMI cables) will be provided for all countries and regions. Please check with the local dealer or AOC branch office for confirmation.

Setup Base&Stand

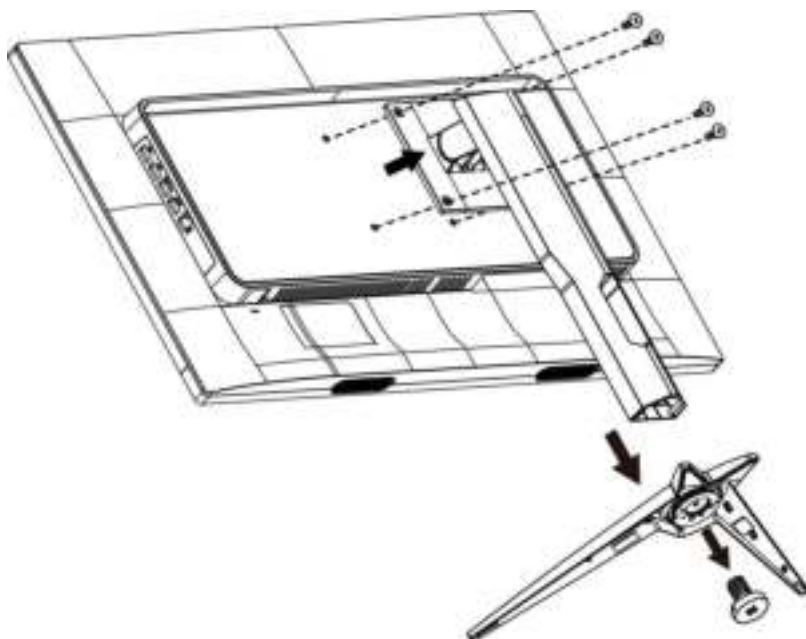
Please setup or remove the base following the steps as below.

Please place the monitor on a soft and flat surface to prevent the scratch.

Setup:



Remove:

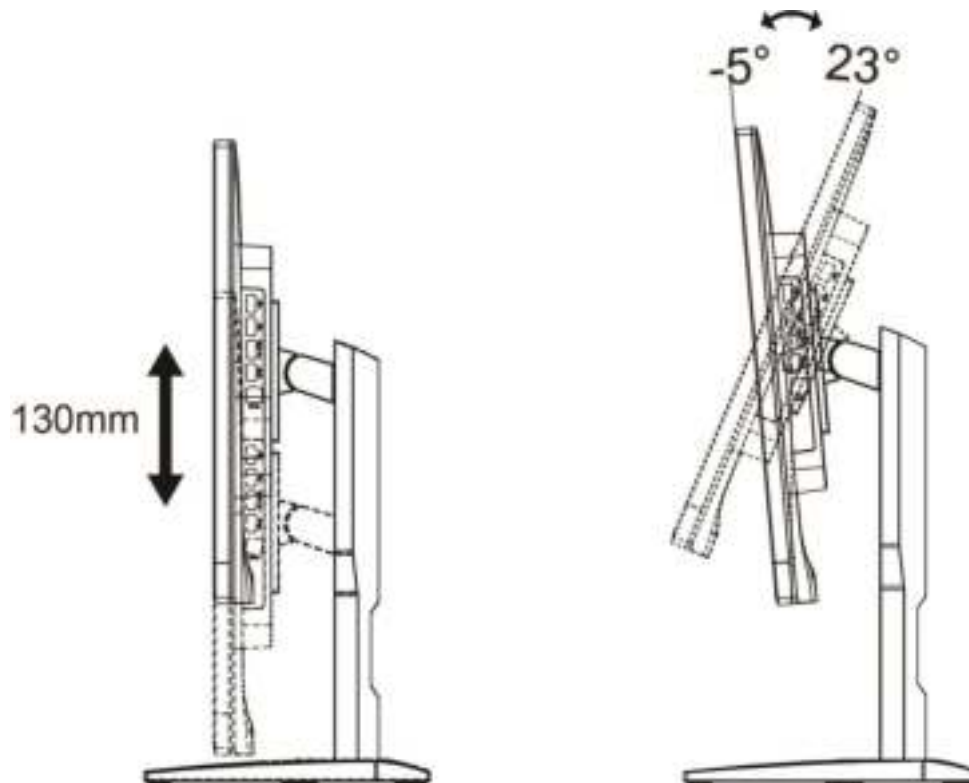


Adjusting Viewing Angle

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 as below:

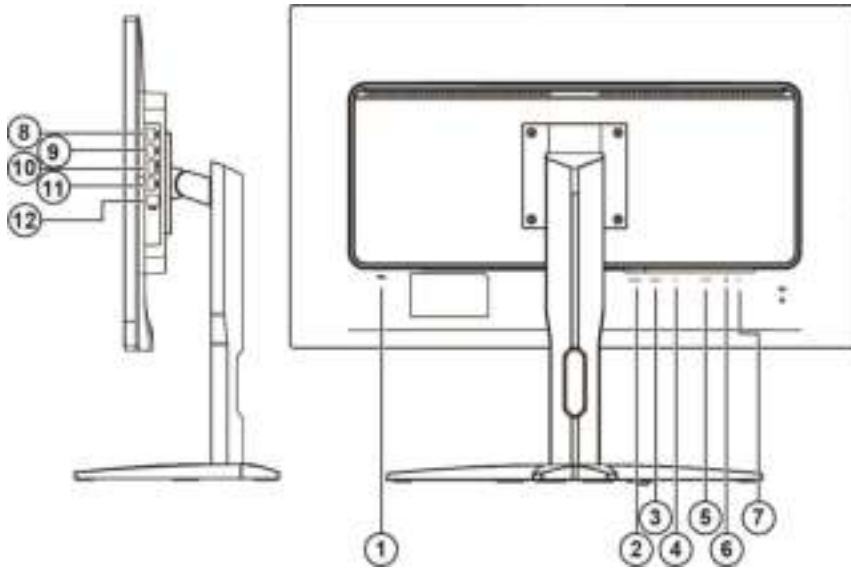


NOTE:

Do not adjust the viewing angle over 23 degrees in order to avoid damage.

Connecting the Monitor

Cable Connections In Back of Monitor and Computer:



- 1 Power
- 2 HDMI-2
- 3 HDMI-1
- 4 DP
- 5 VGA
- 6 Line-in
- 7 Earphone
- 8 USB
- 9 USB
- 10 USB fast charging
- 11 USB
- 12 USB upstream

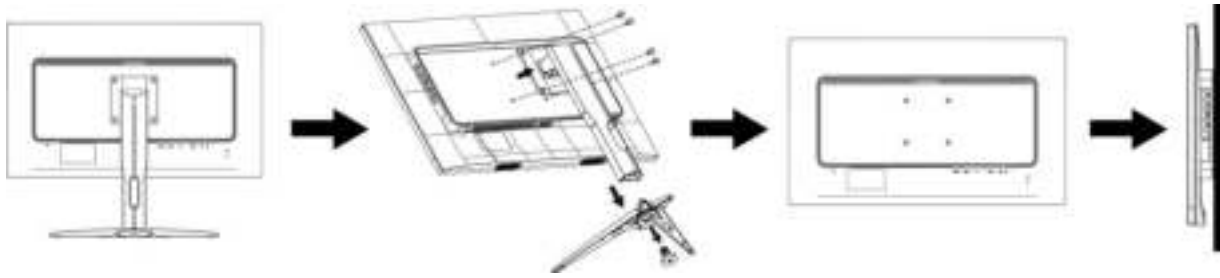
To protect equipment, always turn off the PC and LCD monitor before connecting.

- 1 Connect the power cable to the AC port on the back of the monitor.
- 2 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.
- 3 (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.
- 4 (Optional –Requires a video card with Audio port) - Connect one end of the Audio cable to the back of the monitor and connect the other end to the computer's Audio port.
- 5 (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.
- 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.

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

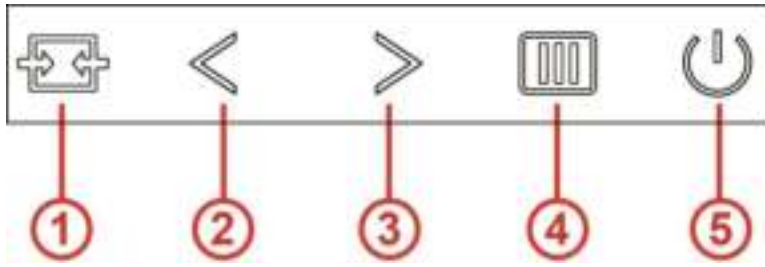
Free-Sync function

1. Free-Sync function is working with DP/HDMI1/HDMI2
2. Compatible Graphics Card: Recommend list is as the below, also could be checked by visiting

www.AMD.com

- Radeon™ RX Vega Series
- Radeon™ RX 500 Series
- Radeon™ RX 400 Series
- Radeon™ R9/R7 300 Series (exception of R9 370/X)
- Radeon™ Pro Duo (2016 Ver)
- Radeon™ R9 Nano Series
- Radeon™ R9 Nano Series
- Radeon™ R9/R7 200 Series (exception of R9 270/X, R9 280/X)

Hotkeys



1	Source/Auto/Exit
2	Game Mode
3	Dial Point
4	Menu/Enter
5	Power

Menu/Enter

When there is no OSD, Press to display the OSD or confirm the selection.

Power

Press the Power button to turn on the monitor. Press about 2 second to turn off the monitor

Dial Point

When there is no OSD, press Dial Point button to active Dial Point menu, and then press > to set Dial Point on or off.

Game Mode

When there is no OSD, press < key to open game mode function, then press < or > key to select game mode (FPS, RTS, Racing, Gamer 1, Gamer 2 or Gamer 3) basing on the different game types.








Source/Auto/Exit

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

OSD Setting

Basic and simple instruction on the control keys.




1. Press the  **MENU-button** to activate the OSD window.
2. Press **< or >** to navigate through the functions. Once the desired function is highlighted, press the  to activate it. If there is a sub-menu, press **<** or **>** to navigate through the sub-menu functions.
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  **MENU-button** while the monitor is off and then press  **power button** to turn the monitor on. To un-lock the OSD - press and hold the  **MENU-button** while the monitor is off and then press  **power button** to turn the monitor on.








Notes:

1. If the product has only one signal input, the item of "Input Select" is disabled.
2. If the product screen size is 4:3 or input signal resolution is native resolution, the item of "Image Ratio" is disabled.
3. Open DCR, Color Boost and Picture Boost functions is activated; the other two functions are turned off accordingly.

Luminance



1. Press **MENU-button** to display menu.
2. Press **< or >** to select  (Luminance), and press **MENU-button** to enter.
3. Press **< or >** to select submenu, and press **MENU-button** to enter.
4. Press **< or >** to adjust.
5. Press **AUTO-button** to exit.


	Contrast	0-100		Contrast from Digital-register.
	Brightness	0-100		Backlight Adjustment
	Eco mode	Standard	<input checked="" type="checkbox"/>	Standard Mode
		Text		Text Mode
		Internet		Internet Mode
		Game		Game Mode
		Movie		Movie Mode
		Sports		Sports Mode
		Reading		Reading Mode
		Uniformity		Uniformity Mode
	Gamma	Gamma1	Adjust to Gamma 1	
		Gamma2	Adjust to Gamma 2	
		Gamma3	Adjust to Gamma 3	
	DCR	Off		Disable dynamic contrast ratio
		On		Enable dynamic contrast ratio


Note:

When HDR under Image Setup is set to Auto & Input Source has HDR content, ECO mode will become HDR / HDR Picture / HDR Movie / HDR Game.

Image Setup





1. Press **MENU-button** to display menu.
2. Press **< or >** to select  (Image Setup), and press **MENU-button** to enter.
3. Press **< or >** to select submenu, and press **MENU-button** to enter.
4. Press **< or >** to adjust.
5. Press **AUTO-button** 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.
	HDR	Off/Auto	Disable or Enable HDR

Color Setup





1. Press **MENU-button** to display menu.
2. Press **< or >** to select  (Color Setup), and press **MENU-button** to enter.
3. Press **< or >** to select submenu, and press **MENU-button** to enter.
4. Press **< or >** to adjust.
5. Press **AUTO-button** to exit.

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



1. Press **MENU-button** to display menu.
2. Press **< or >** to select  (Picture Boost), and press **MENU-button** to enter.
3. Press **< or >** to select submenu, and press **MENU-button** to enter.
4. Press **< or >** to adjust.
5. Press **AUTO-button** to exit.


	Bright Frame	on or off	Disable or Enable Bright Frame
	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


Note:

Adjust the brightness, contrast, and position of the Bright Frame for better viewing experience.

OSD Setup



1. Press **MENU-button** to display menu.
2. Press < or > to select  (OSD Setup), and press **MENU-button** to enter.
3. Press < or > to select submenu, and press **MENU-button** to enter.
4. Press < or > to adjust.
5. Press **AUTO-button** to exit.


	Language		Select the OSD language
	Timeout	5-120	Adjust the OSD Timeout
	DP Capability	1.1/1.2	please be noted that only DP1.2 support free sync function
	H. Position	0-100	Adjust the horizontal position of OSD
	V. Position	0-100	Adjust the vertical position of OSD
	Volume	0-100	Volume Adjustment.
	Transparence	0-100	Adjust the transparence of OSD
	Break Reminder	on or off	Break reminder if the user continuously work for more than 1hrs


Notes:

If the DP video content supports DP1.2, please select DP1.2 for DP Capability; otherwise, please select DP1.1

Game Setting





1. Press **MENU-button** to display menu.
2. Press **< or >** to select  (Game setting), and press **MENU-button** to enter.
3. Press **< or >** to select submenu, and press **MENU-button** to enter.
4. Press **< or >** to adjust.
5. Press **AUTO-button** to exit.

	Game Mode	FPS	For playing FPS (first Person Shooters) games. Improves dark theme black level details.
		RTS	For playing RTS (Real Time Strategy). Improves the image quality.
		Racing	For playing Racing games, Provides fastest response time and high color saturation.
		Gamer 1	User's preference settings saved as Gamer 1.
		Gamer 2	User's preference settings saved as Gamer 2.
		Gamer 3	User's preference settings saved as Gamer 3.
		off	No optimization by Smart image game
	Shadow Control	0-100	Shadow Control Default is 50, then end-user can adjust from 50 to 100 or 0 to increase contrast for clear picture. 1. If picture is too dark to be saw the detail clearly, adjusting from 50 to 100 for clear picture.. 2. If picture is too white to be saw the detail clearly, adjusting from 50 to 0 for clear picture
	Low Input Lag	On/Off	Turn off frame buffer to decrease input lag
	Game Color	0-20	Game Color will provide 0-20 level for adjusting saturation to get better picture.
	LowBlue Mode	Off / Multimedia / Internet / Office / Reading	Decrease blue light wave by controlling color temperature.
	Overdrive	Weak	Adjust the response time.
		Medium	
Strong			
Off			
FreeSync	On/Off	Disable or Enable FreeSync.	
Frame Counter	Off / Right-Up / Right-Down / Left-Down / Left-Up	Display vertical scanning frequency	
Dial Point	On/Off	The "Dial Point" function places an aiming indicator in the center of screen for helping gamers to play First Person Shooter (FPS) games with an accurate and precise aiming.	

Extra





1. Press **MENU-button** to display menu.
2. Press **< or >** to select  (Extra), and press **MENU-button** to enter.
3. Press **< or >** to select submenu, and press **MENU-button** to enter.
4. Press **< or >** to adjust.
5. Press **AUTO-button** to exit.

	Input Select	AUTO/D-SUB/HDMI1/HDMI2 /DP	Select Input Signal Source
	Auto Config.	yes or no	Auto adjust the picture to default
	Off timer	0-24hrs	Select DC off time
	Image Ratio	Wide / 4:3 / 1:1 /17"(4:3) / 19"(4:3) / 19"(5:4) / 19"W(16:10) / 21.5"W(16:9) / 22"W(16:10) / 23"W(16:9) / 23.6"W(16:9) /24"W(16:9) / 27"W(16:9)	Select image ratio for display.
	DDC-CI	yes or no	Turn ON/OFF DDC-CI Support
	Reset	Yes or no	Reset the menu to default

Exit



1. Press **MENU-button** to display menu.
2. Press **< or >** to select  (Exit), and press **MENU-button** to enter.
3. Press **AUTO-button** to exit.

	Exit		Exit the main OSD
---	------	--	-------------------

LED Indicator

Status	LED Color
Full Power Mode	Blue
Active-off Mode	Orange

G-Menu



Welcome to “G-Menu” software by AOC. G-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. The software Supported operating systems: Windows 10, Windows 8, Windows 7.

Note:

Features are not available for all models.



e-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).

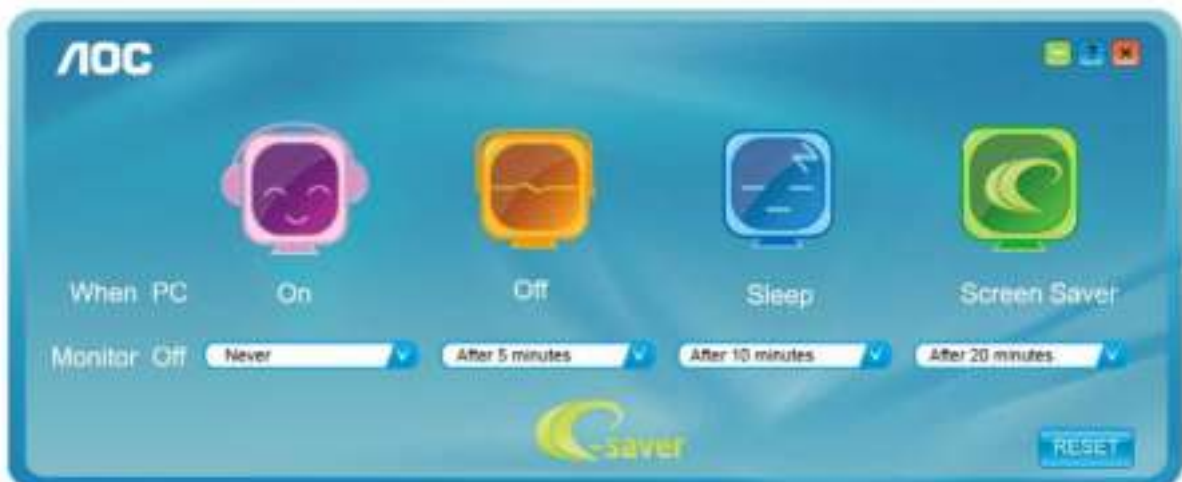
Please click on "driver/e-Saver/setup.exe" to start installing the e-Saver software, follow the install wizard to complete software installation.

Under each of the four PC status, you may choose from the pull-down menu the desired time (in minutes) you're your monitor to automatically shut down. 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.



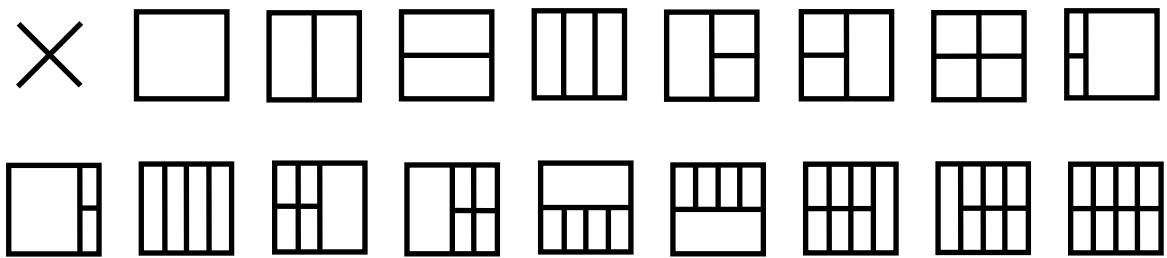
You can click "RESET" to set the e-Saver to its default settings like below.



Screen+



Welcome to “Screen+” software by AOC. Screen+ software is a desktop screen splitting tool; it splits the desktop into different panels, and each panel displays a different window. You only need to drag the window to a corresponding panel when you want to access it. It supports multiple monitor display to make your task easier. Please follow the installation software to install it. The software Supported operating systems: Windows 10, Windows 8, Windows 7.



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 style="list-style-type: none"> • 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 HDMI/DP cable) Check the HDMI/DP cable connection. *HDMI/DP 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 7/8/10) 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.
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 you 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 7/8/10 shut-down mode to adjust CLOCK and FOCUS. Press to auto-adjust.

Specification

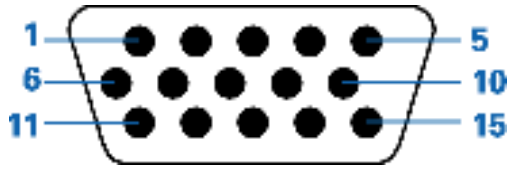
General Specification

Panel	Model name	G2868PQU		
	Driving system	TFT Color LCD		
	Viewable Image Size	28 inch, 70.85 cm diagonal		
	Pixel pitch	0.16mm(H) x 0.16mm(V)		
	Video	R, G, B Analog Interface & HDMI Interface & DP Interface		
	Separate Sync.	H/V TTL		
	Display Color	1.073G (8 bits + High FRC)		
Others	Horizontal scan range	30kHz~160kHz		
	Horizontal scan Size(Maximum)	649.9 mm		
	Vertical scan range	23Hz~75Hz (D-SUB) 40Hz~60Hz (HDMI, DP)		
	Vertical Scan Size(Maximum)	370.3 mm		
	Optimal preset resolution	1920x1080@60Hz(D-SUB) 3840x2160@30Hz(HDMI, DP) 3840x2160@60Hz(HDMI, DP)		
	Max resolution	3840x2160@60Hz(HDMI, DP)		
	Plug & Play	VESA DDC2B/C1		
	Input Connector	VGA /HDMI/DP/Audio input		
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, TMDS		
	Output Connector	Earphone out		
	Power Source	100-240V~, 50/60Hz		
	Power Consumption	Typical(Brightness =80, Contrast =50)	36W	
		Max. (brightness =100, contrast =100)	≤92W	
		Power saving	≤0.5W	
Off timer	0~24 hrs			
Speakers	3W*2			
Physical Characteristics	Connector Type	VGA/HDMI/DP/Earphone out/Line In		
	Signal Cable Type	Detachable		
Environmental	Temperature	Operating	0°~ 40°C	
		Non-Operating	-25°~ 55°C	
	Humidity	Operating	10% ~ 85% (non-condensing)	
		Non-Operating	5% ~ 93% (non-condensing)	
	Altitude	Operating	0~ 5000 m (0~ 16404ft)	
		Non-Operating	0~ 12192m (0~ 40000ft)	

Preset Display Modes

Standard	RESOLUTION	HORIZONTAL FREQUENCY(kHz)	VERTICAL FREQUENCY(Hz)
VGA	640x480@60Hz	31.469	59.94
VGA	640x480@67Hz	35	66.667
VGA	640x480@72Hz	37.861	72.809
VGA	640x480@75Hz	37.5	75
DOS MODE	720x400@70Hz	31.469	70.087
SVGA	800x600@56Hz	35.156	56.25
SVGA	800x600@60Hz	37.879	60.317
SVGA	800x600@72Hz	48.077	72.188
SVGA	800x600@75Hz	46.875	75
MAC MODE	832x624@75Hz	49.725	74.551
XGA	1024x768@60Hz	48.363	60.004
XGA	1024x768@70Hz	56.476	70.069
XGA	1024x768@75Hz	60.023	75.029
HD	1280x960@60HZ	60	60
HD	1280x720@60HZ	44.772	59.885
SXGA	1280x1024@60Hz	63.981	60.02
SXGA	1280x1024@75Hz	79.976	75.025
WXGA+	1440x900@60Hz	55.935	59.887
WSXGA	1680x1050@60Hz	64.674	59.954
FHD	1920x1080@60Hz	67.5	60
HDMI, DP	1920x2160@60Hz	133.293	59.988
QHD (HDMI, DP)	2560x1440@60Hz	88.786	59.9
UHD (HDMI, DP)	3840x2160@30Hz	67.5	30
UHD (HDMI, DP)	3840x2160@60Hz	133.32	60

Pin Assignments

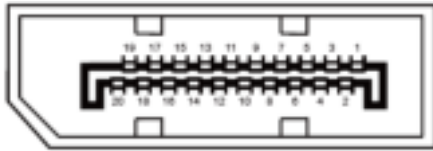


15-Pin Color Display Signal Cable

Pin Number	15-Pin Side of the Signal Cable	Pin Number	15-Pin Side of the Signal Cable
1	Video-Red	9	+5V
2	Video-Green	10	Ground
3	Video-Blue	11	N.C.
4	N.C.	12	DDC-Serial data
5	Detect Cable	13	H-sync
6	GND-R	14	V-sync
7	GND-G	15	DDC-Serial clock
8	GND-B		



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



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.