

Acer LCD Monitor

User Guide

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Acer LCD Monitor User Guide
Original Issue: 6/2023

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Record the model number, serial number, purchase date and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number and purchase information.

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Acer LCD Monitor User Guide

Model number: _____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

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Information for your safety and comfort

Safety instructions

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Special notes on LCD monitors

The following are normal with the LCD monitor and do not indicate a problem.

- Due to the nature of the fluorescent light, the screen may flicker during initial use. Turn off the power switch and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- The LCD screen has 99.99% or more effective pixels. It may include blemishes of 0.01% or less such as a missing pixel or pixel lit all the time.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the power switch for a few hours.

Cleaning your monitor

Please carefully follow these guidelines when cleaning the monitor:

- Always unplug the monitor before cleaning.
- Use a soft cloth to wipe the screen and cabinet front and sides.

Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power from the equipment, be sure to unplug the power cord from the electrical outlet.

Safe listening

To protect your hearing, follow these instructions.

- Gradually increase the volume until you can hear it clearly and comfortably and without distortion.
- After setting the volume level, do not increase it after your ears have adjusted.
- Limit the amount of time listening to music at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

Warnings

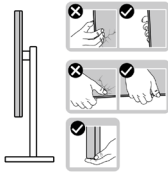
- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage internal devices.
- The adapter is only used for this monitor, do not be used for other purposes.

Handling and Moving Your Display

To ensure the monitor is handled safely when lifting or moving it, follow the guidelines mentioned below:

- Before moving or lifting the monitor, turn off your computer and the monitor.
- Disconnect all cables from the monitor.
- Place the monitor in the original box with the original packing materials.

- Hold the bottom edge and the side of the monitor firmly without applying excessive pressure when lifting or moving the monitor.



- When transporting the monitor, avoid any sudden shock or vibration to it.
- When lifting or moving the monitor, do not turn the monitor upside down while holding the stand base or stand riser. This may result in accidental damage to the monitor or cause personal injury.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's power cord is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the power cord plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.



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Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.



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Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, type SPT-2, rated 7 A 125 V minimum, VDE approved or its equivalent, 4.6 meters (15 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions



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Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device near depots, storage and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

IT Equipment Recycling Information

Acer is strongly committed to environmental protection and views recycling, in the form of salvaging and disposal of used equipment, as one of the company's top priorities in minimizing the burden placed on the environment.

We at Acer are very conscious of the environmental effects of our business and strive to identify and provide the best working procedures to reduce the environmental impact of our products.

For more information and help when recycling, please go to this website:

<http://www.acer-group.com/public/Sustainability/sustainability01.htm>

Visit www.acer-group.com for further information on the features and benefits of our other products.

Disposal instructions



Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit

<http://www.acer-group.com/public/Sustainability/sustainability01.htm>

Recycling Information for the United States of America

Acer encourages information technology (IT) equipment owners to responsibly recycle their equipment when it is no longer needed. Acer offers programs and services to assist equipment owners with this process.

For more information on recycling IT equipment, please go to:

<https://www.acer.com/ac/en/US/content/recycling>

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or red dots. This has no effect on the recorded image and does not constitute a malfunction.

This product has been shipped enabled for power management:

- Activate display's Sleep mode within 5 minutes of user inactivity.
- Wake the monitor when it is in Active Off mode, move the mouse or press any keyboard key.

Tips and information for comfortable use

Computer users may complain of eyestrain and headaches after prolonged use. Users are also at risk of physical injury after long hours of working in front of a computer. Long work periods, bad posture, poor work habits, stress, inadequate working conditions, personal health and other factors greatly increase the risk of physical injury.

Incorrect computer usage may lead to carpal tunnel syndrome, tendonitis, tenosynovitis or other musculoskeletal disorders. The following symptoms may appear in the hands, wrists, arms, shoulders, neck or back:

- numbness, or a burning or tingling sensation
- aching, soreness or tenderness
- pain, swelling or throbbing
- stiffness or tightness
- coldness or weakness

If you have these symptoms, or any other recurring or persistent discomfort and/or pain related to computer use, consult a physician immediately and inform your company's health and safety department.

The following section provides tips for more comfortable computer use.

Finding your comfort zone

Find your comfort zone by adjusting the viewing angle of the monitor, using a footrest, or raising your sitting height to achieve maximum comfort. Observe the following tips:

- refrain from staying too long in one fixed posture
- avoid slouching forward and/or leaning backward
- stand up and walk around regularly to remove the strain on your leg muscles

Taking care of your vision

Long viewing hours, wearing incorrect glasses or contact lenses, glare, excessive room lighting, poorly focused screens, very small typefaces and low-contrast displays could stress your eyes. The following sections provide suggestions on how to reduce eyestrain.

Eyes

- Rest your eyes frequently.
- Give your eyes regular breaks by looking away from the monitor and focusing on a distant point.
- Blink frequently to keep your eyes from drying out.

Display

- Keep your display clean.
- Keep your head at a higher level than the top edge of the display so your eyes point downward when looking at the middle of the display.
- Adjust the display brightness and/or contrast to a comfortable level for enhanced text readability and graphics clarity.
- Eliminate glare and reflections by:
 - placing your display in such a way that the side faces the window or any light source
 - minimizing room light by using drapes, shades or blinds
 - using a task light
 - changing the display's viewing angle
 - using a glare-reduction filter
 - using a display visor, such as a piece of cardboard extended from the display's top front edge
- Avoid adjusting your display to an awkward viewing angle.
- Avoid looking at bright light sources, such as open windows, for extended periods of time.

Developing good work habits

Develop the following work habits to make your computer use more relaxing and productive:

- Take short breaks regularly and often.
- Perform some stretching exercises.
- Breathe fresh air as often as possible.
- Exercise regularly and maintain a healthy body.



EU Declaration of Conformity

We,

Acer Incorporated

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And,

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www.acer.it

Product:

LCD Monitor

Trade Name:

ACER

Model Number:

X32Q

SKU Number:

X32Q xxxxxxxx

("x" = 0~9, a~z, A~Z, or blank)

We, Acer Incorporated, hereby declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations as below Directive and following harmonized standards and/or other relevant standards have been applied:

☒ **EMC Directive: 2014/30/EU**

☒ EN55032:2015+AC:2020 Class B

☒ EN 55035:2017+A11: 2020

☒ EN IEC 61000-3-2:2019 Class D

☒ EN61000-3-3:2013+A1: 2019

☒ **LVD Directive: 2014/35/EU**

☒ EN 62368-1: 2014+ A11:2017

☒ **RoHS Directive: 2011/65/EU**

☒ EN IEC 63000:2018

☒ **ErP Directive: 2009/125/EC**

☒ (EU) 2019/ 2021; EN 50564:2011

Year to begin affixing CE marking: 2023.

RU Jan / Sr. Manager
Acer Incorporated (New Taipei City)

Nov. 23, 2023

Date



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Federal Communications Commission Supplier's Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer /Importer is responsible for this declaration:

Product:	LCD Monitor
Model Number:	X32Q
SKU Number:	X32Q xxxxxx ("x" = 0~9, a ~ z, or A ~ Z)
Name of Responsible Party:	Acer America Corporation
Address of Responsible Party:	333 West San Carlos St. Suite 1500 San Jose, CA 95110 U. S. A.
Contact Person:	Acer Representative
Phone No.:	254-298-4000
Fax No.:	254-298-4147

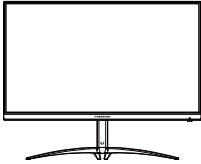
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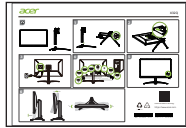
Unpacking

Please check that the following items are present when you unpack the box, and save the packing materials in case you need to ship or transport the monitor in the future.

LCD monitor



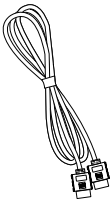
Quick start guide



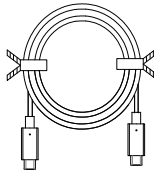
DP Cable (Optional)



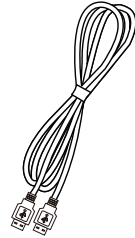
HDMI cable (Optional)



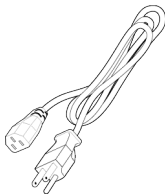
Type C-C cable (Optional)



USB cable (Optional)

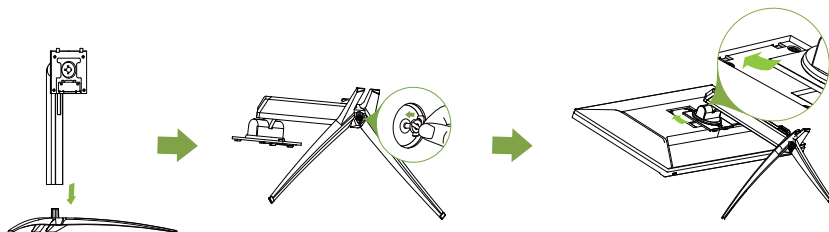


AC Power cord

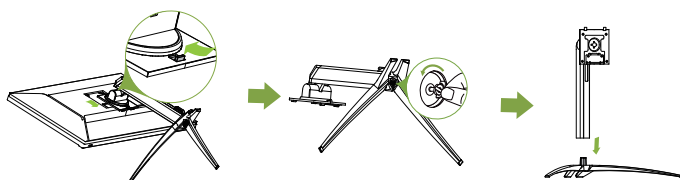


Attaching/removing the base

Installation: Align the base with the stand and push the base towards the top of the monitor, and then rotate the base clockwise. Tighten the screw clockwise.

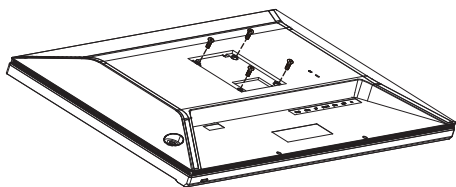


Remove: Reverse the steps to remove the base.



Note: Take care when performing the installation to avoid injuring yourself.

If installing with a wall mounting kit, it is recommended to use VESA mounting kit (100 x 100) with M4 x 10(L) mm screws to fix your monitor on the wall.

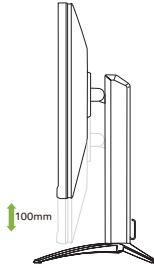


Screen position adjustment

In order to optimize the best viewing position, you can adjust the height/tilt/swivel of the monitor.

- **Height Adjustment**

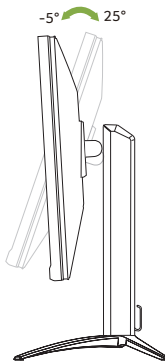
After pressing the top of the monitor then you can adjust the height of the monitor.



- **Tilt**

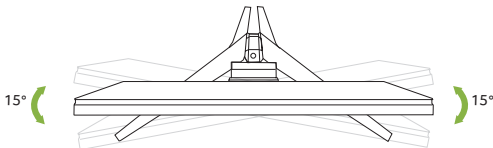
Please see the illustration below for an example of the tilt range.

Only at the highest point can 15 degrees of recline be offered for the angle of elevation.



- **Swivel**

With the built-in pedestal, you can swivel the monitor for the most comfortable viewing angle.



Connecting the AC Power cord

- Check first to make sure that the power cord you use is the correct type required for your area.
- The monitor has a universal power supply that allows operation in either 100/120 V AC or 220/240 V AC voltage area. No user-adjustment is required.
- Plug one end of the AC power cord to the Adapter, and plug the other end into an AC outlet.
- For units using 120 V AC:
Use a UL-listed cord set, type SVT wire and plug rated 10 A/125 V.
- For units using 220/240 V AC:
Use a cord set consisting of H05VV-F cord and plug rated 10 A/250 V. The cord set should have the appropriate safety approvals for the country in which the equipment will be installed.

Power saving

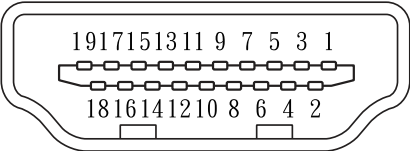
The monitor will be driven into "Power Saving" mode by the control signal from the display controller, as indicated by the amber-color power LED.

State	LED Light
ON	Blue
Power Saving Mode	Amber

The power saving states will be kept until a control signal has been detected or the keyboard or mouse is activated. The recovery time from Active OFF state back to ON state is around 3 seconds.

Display Data Channel (DDC)

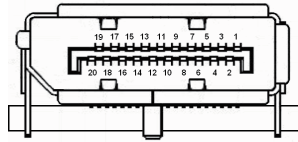
To make installation easier, so long as your system supports the DDC protocol, the monitor is able to plug-and-play. The DDC is a communication protocol through which the monitor automatically informs the host system about its capabilities; for example, supported resolutions and corresponding timing. The monitor supports the DDC2B standard.



19-pin color display signal cable

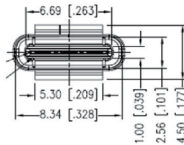
PIN No.	Description	PIN No.	Description
1	TMDS data 2+	11	TMDS clock shield
2	TMDS data 2 shield	12	TMDS clock-
3	TMDS data 2-	13	CEC
4	TMDS data 1+	14	DDC-serial data
5	TMDS data 1 shield	15	SCL
6	TMDS data 1-	16	SDA
7	TMDS data 0+	17	DDC/CEC Ground
8	TMDS data 0 shield	18	+5V Power
9	TMDS data 0-	19	Hot Plug Detect
10	TMDS clock+		

20-pin color display signal cable



PIN No.	Description	PIN No.	Description
1	Lane0 (p)	11	GND
2	GND	12	Lane3(n)
3	Lane0 (n)	13	Config1
4	Lane1 (p)	14	Config2
5	GND	15	AUX_CH (n)
6	Lane1 (n)	16	GND
7	Lane2 (p)	17	AUX_CH (p)
8	GND	18	Hot Plug Detect
9	Lane3 (n)	19	DP Power_Return
10	Lane3 (p)	20	DP Power

24-pin USB Type C cable



PIN No.	Description	PIN No.	Description
A1	GND	B12	GND
A2	SSTXp1	B11	SSTXp1
A3	SSTXn1	B10	SSTXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	CC1
A6	Dp1	B7	Dp1
A7	Dn1	B6	Dn1
A8	SBU1	B5	SBU1
A9	VBUS	B4	VBUS
A10	SSTXn2	B3	SSTXn2
A11	SSTXn2	B2	SSTXn2
A12	GND	B1	GND

Standard timing table

VESA MODE			
Mode	Resolution		
1	VGA	640x480	60Hz, 66.7Hz, 72Hz, 75Hz
2	VESA	720x400	70Hz
3	SVGA	800x600	60Hz, 56Hz, 72Hz, 75Hz
4	MAC	832x624	75Hz
5	XGA	1024x768	60Hz, 70Hz, 75Hz
6	VESA	1280x720	60Hz
7	WXGA	1280x768	60Hz
8	SXGA	1280x1024	60Hz, 75Hz
9	WXGA	1360x768	60Hz
10	WXGA+	1440x900	60Hz
11	WSXGA+	1680x1050	60Hz
12	UXGA	1920x1080	60Hz
13	QHD	2560x1440	60Hz, 75Hz, 100Hz, 120Hz
14	UHD	3840x2160	60Hz, 85Hz, 120Hz, 144Hz

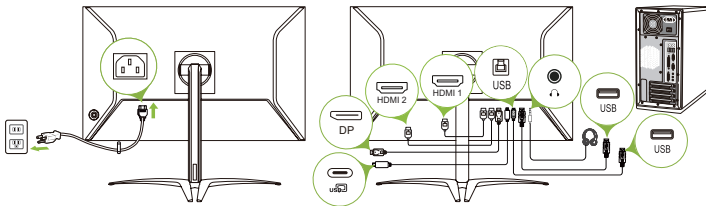
Installation

1. Turn off your computer and unplug your computer's power cord.
2. Connect the signal cable to the DP (optional) and/or HDMI (optional) input socket of the monitor, and the DP (optional) and/or HDMI (optional) output socket of the graphics card on the computer. Then tighten the thumbscrews on the signal cable connector.
3. USB Type-C Cable (Optional, USB Type-C input models only). Connect one end of the USB Type-C cable (optional) to your computer and connect the other end to your electric devices.
4. Connect the USB Cable(Optional)
Connect one end of the USB cable to the USB terminal of the monitor, and connect the other end of the USB cable to an appropriate USB port on your device.
5. Optional: Connect the audio input socket (AUDIO IN) of the LCD monitor and the line-out port on the computer with the audio cable.
6. Insert the monitor power cable into the power port at the back of the monitor.
7. Plug the power cords of your computer and your monitor into a nearby electrical outlet.
8. Connecting HDMI/DP+USB-B to computer 1 and USB-C to computer 2 when Control up to 2 computers from a single set of keyboard and mouse connected to the monitor.

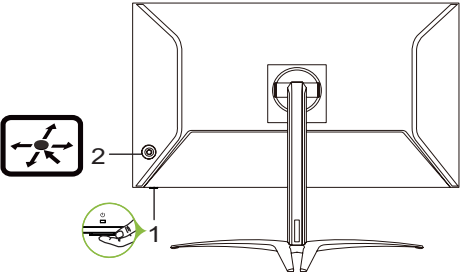


Note:

1. Audio output is only for audio output model. Please check user manual for more instruction.
2. The USB downstream port does not provide power while the monitor switch is off. USB output: 5V/0.9A
3. Transmitting the UHD 144Hz signal via one HDMI 2.1 / DP 1.4 port requires DSC (Display Stream Compression) functionality.



User Controls



External controls

1	Power button	Turns the monitor on/off. Blue indicates power on. Amber indicates standby/power saving mode.
2	Function key	a. Press to view Main page. Press again to enter next function in the Function Menu. b. The single toggle button on the backside of the Display bezel operates like a joystick. To move the cursor, simply toggle the button in four directions. Press the button to select desired option. c. Dark gray indicates inoperable.

AMD FreeSync Premium Pro:

It can allow a AMD FreeSync Premium Pro supported graphics source to dynamically adjust display refresh rate based on typical content frame rates for power efficient, virtually stutter free and low-latency display update.

KVM switch:

The built-in KVM switch allows you to control up to 2 computers from a single set of keyboard and mouse connected to the monitor.

Using the Shortcut Menu

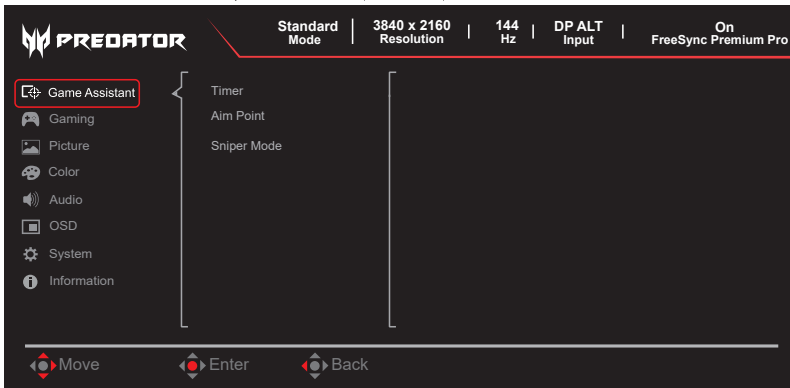


Note: The following content is for general reference only. Actual product specifications may vary.

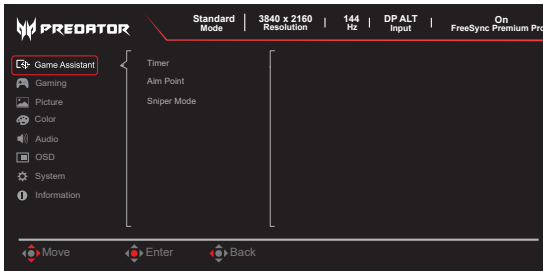
The OSD (onscreen display) can be used to adjust the settings of your LCD monitor. Press the MENU key to open the OSD. You can use the OSD to adjust the picture quality, OSD position and general settings. For advanced settings, please refer to following page:

Main menu

1. Press the MENU key to open the OSD.
2. Toggle the joystick  to the up  or down  to select Picture from the OSD. The toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle the joystick  to the left  or right  to adjust the sliding scales.



Game Assistant



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select Game Assistant from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle to the left or right to adjust the sliding scales or choose function.
4. The Game Assistant menu can be used to adjust the Timer, Aim Point, Sniper Mode.
5. Timer: OSD Shows the timer on monitor top-left side.
Select Off / 5 Mins / 10 Mins / 30 Mins /60 Mins



Note:

- If user select 30mins, OSD will countdown the timer from 30:00 to 00:00.
6. Aim Point: Show an Aim point on the screen for shooting games. Select Off / On. Default is Off, Gray out all items.
 7. Sniper Mode: Accessibility for games. Select Off / On. Default is Off, Gray out all items.
 - Scope Mode
 - Scope Ratio: To control the content magnification ratio.
 - Scope Size: To control the scope window size.
 - Scope with Night Vision: To control the night view effect.
 - Scope Ratio: Choose scope ratio (1.5x, 2x, 4x), default is 2x.
 - Scope Size: Choose scope size (Small, Middle, Large), default is Middle.
 - Scope with Night Vision: To filter R&B channel.

Scope with Night Vision: Off

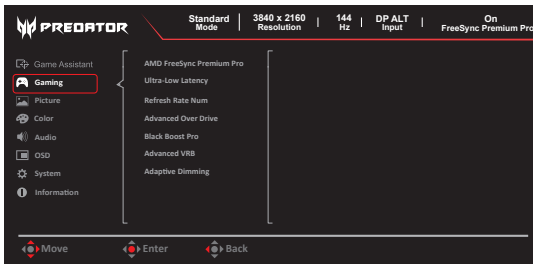


Scope with Night Vision: On



Note: When PBP function is on, Sniper Mode item is off and greyed out.

Gaming



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select Gaming from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle to the left or right to adjust the sliding scales or choose function.
4. The Gaming menu can be used to adjust the AMD FreeSync Premium Pro, Ultra-Low Latency, Refresh Rate Num, Advanced Over Drive, Black Boost Pro, Advanced VRB, Adaptive Dimming.
5. AMD FreeSync Premium Pro: To control support AMD FreeSync Premium Pro or not, default is On.
6. Ultra-Low Latency: Set to On to speed up the processing time of the display switching process.



Note:

- Ultra-Low Latency is not support PBP.
 - Ultra-Low Latency is not support video interlace mode.
 - Ultra-Low Latency is not supports V-Frequency below 48Hz.
 - Ultra-Low Latency is not supports resolutions below 800x600.
 - Ultra-Low Latency is support only Wide Mode = Full and gray out.
 - AMD FreeSync Premium Pro is "Off", Ultra-Low Latency can control "On" or "Off".
 - AMD FreeSync Premium Pro is "On", Ultra-Low Latency is auto setting to "On" and gray out.
 - Detail function definition & information, please refer to Acer Ultra-Low Latency specification.
7. Refresh rate num: Display the panel's current refresh rate on the screen.



Note: If FreeSync Premium set "On" you can see the V Frequency to changes in the OSD.

8. Advanced Over Drive: Select Off, Normal or Extreme.
9. Black Boost Pro: Detect content and adjust black boost automatically frame by frame. Default is Off

10. Advanced VRB: To choose whether to support dynamic picture more clean control, default is Off.



Note:

- PC is HDR, VRB is gray out and unavailable.
- PBP mode and LightSense are not support VRB.
- VRB function does not affect the (Logo, Message and Input Icon) brightness.
- VRB set "Normal or Extreme", when to turn on FreeSync, will auto set VRB is "Off".
- VRB set "Normal or Extreme", when to adjustment (Brightness, Blue Light, ACM), will auto set VRB is "Off".
- VRB setting "Normal or Extreme", when detection of Input Timing not 85Hz or 120Hz, will auto off the VRB and gray out to disable.

VRB = (Normal or Extreme), because the IC control dynamic picture is cleaner, so the overall Brightness will be dark, "Extreme" will be darker than "Normal".

11. Adaptive Dimming: Select Off / Low / Average / Fast.Default is Average.

Picture



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select Picture from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle to the left or right to adjust the sliding scales or choose function.
4. The Picture menu can be used to adjust the Brightness, Max Brightness, Contrast, ACM, Super Sharpness, Black Boost, HDR, Low Blue Light.
5. Brightness: Adjust the brightness from 0 to 100.



Note: Adjusts the balance between light and dark shades.

6. Max Brightness: The default is Off, select On to compensate for higher brightness.
Note: Off: For Erp lot5 Brightness Adjustment. On: Normal Brightness Adjustment
7. Contrast: Adjust the contrast from 0 to 100.



Note: Sets the degree of difference between light and dark areas.

8. ACM: Turn ACM on or off.
Note: Set to "On", will be based on the current screen to dynamic contrast adjustment.

9. Super Sharpness: Turn the Super Sharpness On or Off. Super Sharpness technology can simulate high-resolution images by boosting the pixel density of the original source to make images sharper and clearer.
10. Black Boost: Adjust the black level from 0 to 10. Enhances shadows by increasing the brightness without changing lighter shades.
11. HDR: MNT will automatically determine whether the signal source is HDR, Ex PC HDR, if it is in HDR format, the HDR function of Monitor can be turned on and the effect of Auto / Off can be selected.

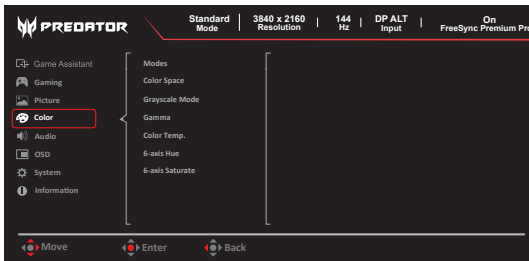


Note:

When HDR = Auto, some parameters: (ACM, Gamma, Contrast, Black Boost...) functions is gray out and disable.

12. Low Blue Light: Select Standard /Level1 /Level2 /Level3 /Level4. Default is Standard.

Color



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select Color from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle to the left or right to adjust the sliding scales or choose function.
4. The Color menu can be used to adjust the Modes, Color Space, Grayscale Mode, Gamma, Color Temp, 6-Axis Hue, 6-Axis Saturate.

5. Modes: To choose scenario mode. Detail rules please refer Modes Spec.

Action	For better color matching representation with the Action game or movie, Users can modify some parameters and save them by themselves.
Racing	For better color matching representation with the Racing game or movie, Users can modify some parameters and save them by themselves.
Sports	For better color matching representation with the Sports game or movie, Users can modify some parameters and save them by themselves.
User	Applies a combination of picture settings defined by users.
Standard	For basic PC application (Default Setting).
ECO	For saving electricity with low power consumption by providing minimum brightness for all running programs.
Graphics	For better color matching representation with the graphics.
HDR	For better color matching representation with the HDR

6. Color Space: You can choose sRGB, Rec.709, HDR, EBU, DCI, SMPTE-C and General.



Note: Detail rules please refer Color Space Spec. sRGB/Rec.709/HDR/EBU/DCI/ SMPTE-C/General.

7. Grayscale Mode: To choose Grayscale mode.

- On: Color only black and white effect.
- Off: Normal color effect.

8. Gamma mode allows you to adjust the luminance tone. The default value is 2.2 (standard value for Windows). Adjust range are 1.8, 2.0, 2.2, 2.4 or 2.6.

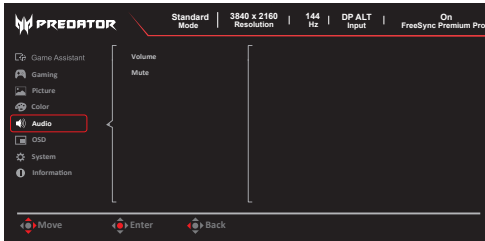
9. Color temp.: You can choose color temperature as warm, Normal, cool , Low Blue Light or User.

Warm	Increases the color temperature. The screen appears warmer with a red/ yellow tint. This is the default preset mode.
Normal	Loads the monitor's normal color settings.
Cool	Decreases the color temperature. The screen appears cooler with a blue tint.
Low Blue Light	
User	Allows you to manually adjust the color settings.

10. 6-axis Hue: Adjust the red Hue, Green Hue, Blue Hue, Yellow Hue, Magenta Hue, Cyan hue or Reset

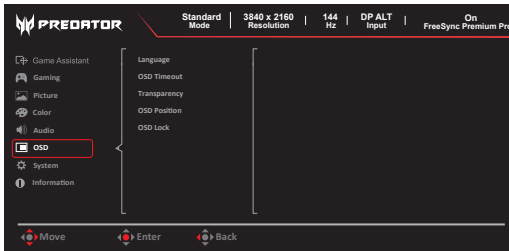
11. 6-axis Saturate: Adjust the Red Saturate, Green Saturate, Blue Saturate, Yellow Saturate, Magenta Saturate, Cyan Saturate or Reset.

Audio



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select Audio from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle to the left or right to adjust the sliding scales or choose function.
4. The Audio menu can be used to adjust the Volume, Mute.
5. Volume: Adjust the volume
6. Mute: To choose mute on/off.

OSD



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select OSD from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle to the left or right to adjust the sliding scales or choose function.
4. The OSD menu can be used to adjust the Language, OSD Timeout, Transparency, OSD Position, OSD Lock.
5. Language: Set the OSD menu language.
6. OSD Timeout: Adjust the delay before turning off the OSD menu.
7. Transparency: Select the transparency when using gaming mode. The transparency can be 0% (OFF), 20%, 40%, 60%, or 80%.

8. OSD Position: You can choose Center / Top Left / Top Right / Bottom Right / Bottom Left. OSD default position is Center.
9. OSD Lock: To choose OSD lock On/Off.

Note:

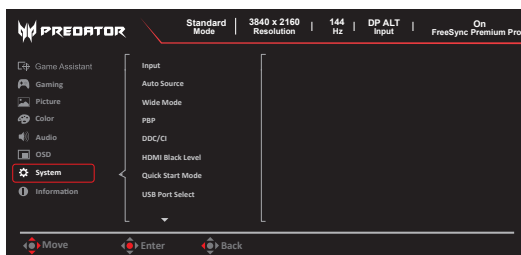
OSD Locked:

- Set the OSD Lock to “On” by the OSD option and press “Enter” to execute the All Key lock function.(After close Main Menu)
- The “OSD Locked” message will be displayed in the middle of the screen.
- LED lights will be changed from blue light to orange light.
- Press any Key screen to prompt “OSD Locked” message.

OSD Unlocked:

- In normal display condition to press the “Navi Key” in the middle of more than 3 seconds to trigger “OSD Unlock”.
- The “OSD Unlock” message will be displayed in the middle of the screen.
- LED lights will be restored to blue light.

System



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select System from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Toggle to the left or right to adjust the sliding scales or choose function.
4. The System menu can be used to adjust the Input, Auto Source, Wide Mode, PBP, DDC/CI, HDMI Black Level, Quick Start Mode, USB Port Select, USB 3.2, HDMI2.1, DSC, MST, Power-off USB Charge.
5. Input: Select the source from HDMI1(2.1), HDMI2(2.1), DP, DP ALT.
6. Auto Source: The default is “On”, which can support auto search for signal source in order.



Note: Surround application must set Auto Source is “Off”.
PBP does not support auto source

7. Wide mode: You can select which screen aspect you are using. The options are Aspect, Full and 1:1.



Note: When FreeSync function is on, Wide Mode is fixed and greyed out

8. PBP: You can choose PBP Mode, Sub Source, Source Swap and Audio Source. The PBP (Picture-by-Picture) function make the monitor to display two different video sources simultaneously. User can select any one of 3 inputs (DP, HDMI, USB-C) for the left screen, select another input for the right one. For example, the left screen PC1 could be input of DisplayPort, HDMI or USB-C notebook, the right screen PC2 would be rest input. The Layout of PBP is always 5:5 of which is for the best experience and highest working efficiency, best resolution for each sub-screen is 1920x1080@60hz.

9. DDC/CI: Allows the monitor settings to be set through the software on the PC.



Note: DDC/CI, short for Display Data Channel/Command Interface, which allows monitor controls to be sent via software.

10. HDMI Black level: Select to set HDMI black level.
 11. Quick start mode: Select Off or On. Turn on to speed up boot speed.
 12. USB Port Select: Select the USB Port from Auto, B-Type and C-Type.

Auto	InputSource = HDMI/DP, Auto set to B-Type InputSource = DP ALT, Auto set to C-Type
B-Type	When MNT Input is: (HDMI1[2.0], HDMI2[2.0], DP), you need to connect B to A cable to control Keyboard and Mouse.
C-Type	When MNT Input is: (DP ALT), you need to connect C to C cable to control Keyboard and Mouse.



Note: When PxP mode, USB source follow video main source.

13. USB 3.2: Default is "Off". It can control determine the USB bandwidth.
 USB 3.2 = "On"
 • Support DP ALT (2 Line).
 DP ALT support 2560x1440 100Hz
 • USB 3.0 = "Off" is Default.
 Support DP ALT (4 Line).
 DP ALT support 3840x2160 144Hz.
14. HDMI2.1: Default is "Off".
 Off: HDMI 2.0 Input can support max resolution is 3840x2160 60Hz.
 On: HDMI 2.1 Input can support max resolution is 3840x2160 144Hz.
15. DSC: Default is "Off". DP, DP ALT Display Stream Compression.
 Off: Support DP, DP ALT 3840x2160 144Hz (YCbCr422 8 bpc UnSupport HDR)
 On: Support DP, DP ALT 3840x2160 144Hz (RGB 10 bpc)



Note:

- When PBP function is on, DSC item is off and greyed out.
- DSC = "On".
- Only Support DP & DP ALT, HDMI to be gray out and unavailable.
- Can support max resolution must refer to the "Max Refresh Rate".
- DSC = "Off"
- For some devices such as mobile phones, DSC needs to be set to Off to display properly.
- Resolutions that can be supported will depend on the capabilities of the graphics card, and may not be able to display UHD 144Hz.

16. MST: You can choose DP MST, DP ALT MST, MST Swap.

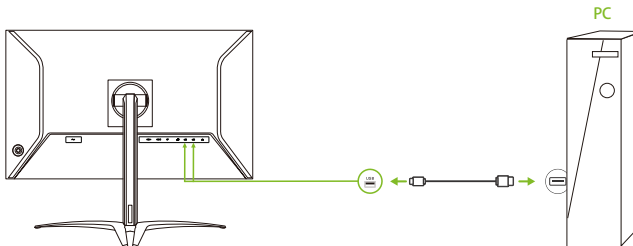
DP MST	Off	Default is Off. Unsupport DP Multi-Stream Transport.
	On	Support DP Multi-Stream Transport. It allows device to drive 2 independent displays 1920x2160 144Hz from a single DisplayPort output source.
DP ALT MST	Off	Default is Off. Unsupport DP ALT Multi-Stream Transport.
	On	Support DP ALT Multi-Stream Transport. It allows device to drive 2 independent displays 1920x2160 144Hz from a single DisplayPort ALT output source.
MST Swap	Off	Default is Off. Do not swap the main screen and sub screen of the MST screen.
	On	Swap the main screen and sub screen of the MST screen.

17. Power-off USB charge: Select 'On' to supply power to the USB port and select 'Off' to turn on DC off/Power saving mode.



Note:

- To comply with international energy standards, this display is currently set to power saving mode, which disables certain functions when display is put to sleep (standby) and has power off (DC off) status.
- Switching 'Power-off USB Charge' to 'On' enables all display functions and may consume more power.
- The USB port must be connected according to this picture before it can be used for service. (For example, read Mac Address/SN)



PREDATOR Standard Mode | 3840 x 2160 Resolution | 144 Hz | DP ALT Input | On FreeSync Premium Pro

- Game Assistant
- Gaming
- Picture
- Color
- Audio
- OSD
- System**
- Information

Input

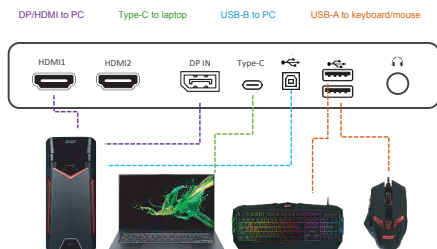
- Auto Source
- Wide Mode
- PBP
- DDC/CI
- HDMI Black Level
- Quick Start Mode
- USB Port Select

Auto

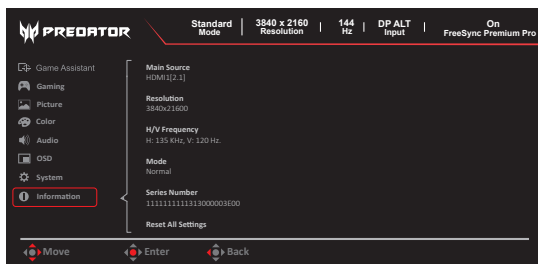
- B-Type**
- C-Type

Move OK Back

- Connect Type-C/USB-B to your computer.
- Select Type-C/USB-B of USB Port Select in the OSD.
- Suggest setup:

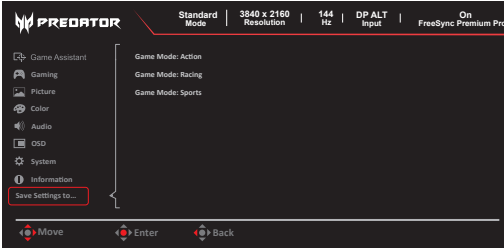


Information



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Save Setting to... (User mode only)



1. Press the MENU key to open the OSD.
2. Toggle the joystick to the up or down to select “Save Setting to...” from the OSD. Then toggle to the right to navigate to the element you wish to adjust and press the joystick to enter it.
3. Save Setting to Game mode: There are three user-defined profiles available. When you have decided what settings suit you, save them and system will be able to recall the settings in the future when you turn on gaming mode.

Troubleshooting

Before sending your LCD monitor for servicing, please check the troubleshooting list below to see if you can self-diagnose the problem.

DP/HDMI Mode (Optional)

Problem	LED status	Remedy
No picture visible	Blue	Using the OSD, adjust brightness and contrast to maximum or reset to their default settings.
	Off	Check the power switch. Check if the power cord is properly connected to the monitor.
	Orange	Check if the video signal cable is properly connected at the back of monitor. Check if the computer system is switched on and in power saving/standby mode.
Unstable picture		Check if the specification of graphics adapter and monitor is in compliance which may be causing the input signal frequency mismatch.
Abnormal picture	Image is missing, off-center, too large or too small on the screen.	Check the display setting on your system. In case of a missing image, please select another resolution or vertical refresh rate.
		Wait for a few seconds after adjusting the size of the image before changing or disconnecting the signal cable or switching off the monitor.

Note: Acer monitor is purposed for video and visual display of information obtained from electronic devices.



Product Information for EU Energy Label

Regulatory Compliance

