Acer LCD Monitor
User Guide

English

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Acer LCD Monitor User Guide
Original Issue: 10/2020

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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 dmage 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.

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.



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.



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

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:

https://www.acer-group.com/sustainability/en/our-products-environment.html

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 https://www.acer-group.com/sustainability/en/our-products-environment.html

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

- It is recommended to rest your eyes for 10 minutes every 40 minutes.
- Give your eyes regular breaks by looking away from the monitor and focusing on a istant 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.

CE declaration of conformity:

Hereby, Acer Inc., declares that this LCD monitor is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive (2014/53/EU),and RoHS Directive 2011/65/EU and Directive 2009/125/EC with regard to establishing a framework for the setting of eco design requirements for energy-related product.

Radiation Exposure Statement:

This equipment complies with CE radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & body.

USA, Canada:

This device complies with Part 15 of the FCC / ISED's licence-exempt RSSs 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.
Le présent appareil est conforme aux CNR d' ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) le dispositif ne doit pas produire de brouillage préjudiciable, et
(2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

FCC/ISED/CE-RED Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC/ISED/CE-RED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

低功率電波輻射性電機管理辦法

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功

English

率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



CE

Acer Incorporated
8F, 88, Sec. 1, Xintai 5th Rd., Xizhi
New Taipei City 221, Taiwan

English

Declaration of Conformity

We,

Acer Incorporated
8F, 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 221, Taiwan

And,

Acer Italy s.r.l.
Viale delle Industrie 1/A, 20020 Arese (MI), Italy
Tel: +39-02-939-921 ,Fax: +39-02 9399-2913
www.acer.it

Product:	**LCD Monitor**
Trade Name:	**Acer**
Model Number:	**XB273U NV**
SKU Number:	**XB273U NV xxxxxx;** **("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**

☒ EN 55032:2012/AC:2013 Class B	☒ EN 55035:2017
☒ EN 55032:2015+AC 2016 Class B	☒ EN 61000-3-3:2013
☒ EN 61000-3-2:2014 Class D	☒ EN 301 489-1 V2.2.3:2019
☒ EN 301 489-17 V3.2.0:2017	

☒ **LVD Directive: 2014/35/EU**

☒ EN 62368-1: 2014+A11:2017

☒ **RoHS Directive: 2011/65/EU**

☒ EN 50581:2012

☒ **ErP Directive: 2009/125/EC**

☒ Regulation (EC) No. 1275/ 2008; EN 50564:2011

☒ **Radio Equipment Directive:2014/53/EU**

☒ EN 300 220-1 V3.1.1:2017	☒ EN 300 220-2 V3.1.2:2017
☒ EN EN62479:2010	☒ EN EN62311:2008

Year to begin affixing CE marking: 2020.

RU Jan / Sr. Manager
Acer Incorporated (Taipei, Taiwan)

Oct,30.2020
Date

English

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Suite 1500
CA 95110, U. S. A.
Tel : 254-298-4000
Fax : 254-298-4147
www.acer.com

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:	**XB273U NV**
SKU Number:	**XB273U NV 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**

English

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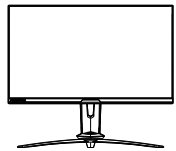
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Unpacking

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.

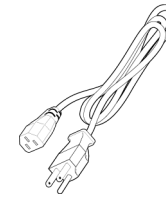
LCD monitor



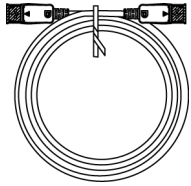
Quick start guide



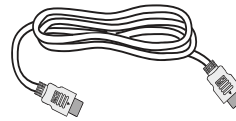
AC Power cord



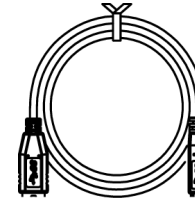
DP Cable
(Optional)



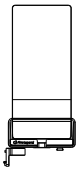
HDMI cable
(Optional)



USB cable
(Optional)

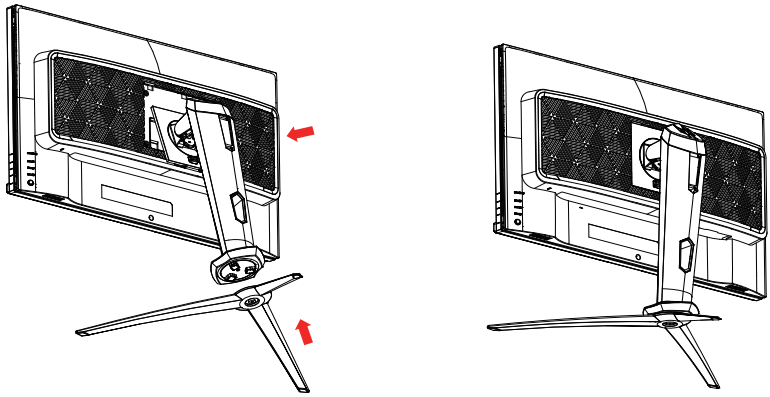


Phone cradle
(Optional)



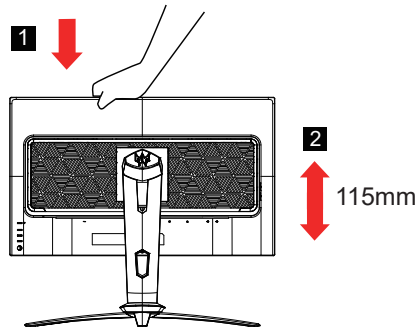
- **Attaching the Base**

Note: Remove the monitor and monitor base from its packaging. Carefully place the monitor face-down on a stable surface -- use a cloth to avoid scratching the screen.



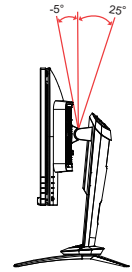
- **Height Adjustment**

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



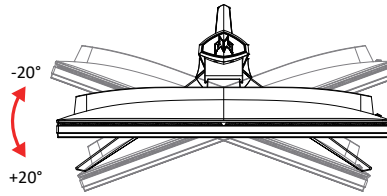
- **Tilt**

Please see the illustration below for an example of the tilt range.
Only at the highest point can 25 degrees of recline be offered for the angle of elevation.



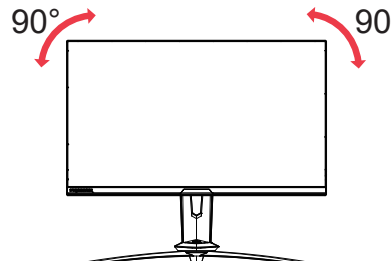
- **Swivel**

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



- **Monitor Pivot**

Before rotating the display,lift it to the top position and then push it back to the utmost degree. Rotate clockwise or counter-clockwise until the monitor stops at ±90°.



Connecting the adapter and 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

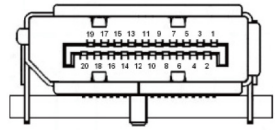
The power saving states will be kept until a control signal has been detected or the keyboard or mouse is activated. The recovery time from Active OFF state back to ON state is around 3 seconds.

English

Display Data Channel (DDC)

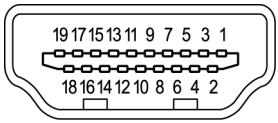
To make installation easier, so long as your system supports the DDC protocol, the monitor is able to plug-and-play. The DDC is a communication protocol through which the monitor automatically informs the host system about its capabilities; for example, supported resolutions and corresponding timing.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

20-pin color display signal cable



PIN No.	Description	PIN No.	Description
1	ML_Lane 0+	2	GND
3	ML_Lane 0-	4	ML_Lane 1+
5	GND	6	ML_Lane 1-
7	ML_Lane 2+	8	GND
9	ML_Lane 2-	10	ML_Lane 3+
11	GND	12	ML_Lane 3-
13	KONFIG1	14	CONFIG2
15	AUX CH+	16	GND
17	AUX CH-	18	Hot Plug
19	Return	20	DP_PWR

19-pin color display signal cable



PIN No.	Description	PIN No.	Description
1	TMDS Data2+	2	TMDS Data2 Shield
3	TMDS Data2-	4	TMDS Data1+
5	TMDS Data1 Shield	6	TMDS Data1-
7	TMDS Data0+	8	TMDS Data0 Shield
9	TMDS Data0-	10	TMDS Clock+
11	TMDS Clock Shield	12	TMDS Clock-
13	CEC	14	Reserved (N.C. on device)
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

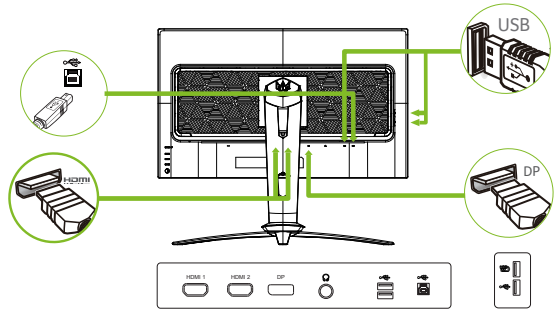
Standard timing table

VESA MODE			
MODE	Resolution		
1	VGA	640x480	60Hz
2	MAC	640x480	66.66Hz
3	VESA	720x400	70Hz
4	SVGA	800x600	56Hz
5	SVGA	800x600	60Hz
6	XGA	1024x768	60Hz
7	XGA	1024x768	70Hz
8	SXGA	1280x1024	60Hz
9	VESA	1280x720	60Hz
10	WXGA	1280x800	60Hz
11	UXGA	1920x1080	60Hz
12	QHD	2560x1440	60Hz
13	QHD	2560x1440	144Hz
14	QHD	2560x1440	170Hz*

* XB273U NV can be overclocked to a higher refresh rate than advertised by the panel specification.This function can be use the system control panel to set the maximum refresh rate.
Important: This device is designed to support refresh rate overclocking. However, overclocking may result in system instability. If you experience instability, try reducing the overclock to a lower refresh rate through the on-screen display settings.

Installation

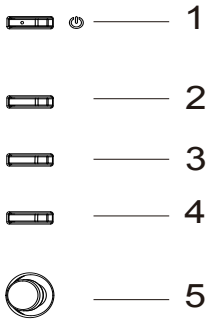
1. Turn off your computer and unplug your computer's power cord.
2. Connect the signal cable to the HDMI (optional) and /or DP (optional) input socket of the monitor, and the HDMI (optional) and /or DP (optional) output socket of the graphics card on the computer.
3. Connect the USB Cable(Optional)
   Connect the USB 3.0 cable to port for fast charge.
   Connect the USB 3.0/USB-B cable to port.
4. Insert the monitor power cable into the power port at the back of the monitor.
5. Plug the power cords of your computer and your monitor into a nearby electrical outlet.



Note: Audio output is only for audio output model. Please check user manual for more instruction.

English

User Controls



External controls

1	Power button	Turns the monitor on/off. Blue indicates power on. Amber indicates standby/ power saving mode/OSD locked.
2	Function key	a. Press to view Main page. Press again to enter hotkey1 function. b. When the Function Menu is active, press this key to view the basic information for your monitor and current input or reset the custom color settings to the factory defaults.
3	Function key	a. Press to view Main page.Press again to enter hotkey2 function. b. When the Function Menu is active, press this button to select select scenario mode or game mode .
4	Function key	a. Press to view Main page.Press again to enter Input select function. b. When the Function Menu is active, this button will quit the OSD.
5	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. Red indicates operable. Dark gray indicates inoperable.

AdaptiveSync:

It can allow a AdaptiveSync 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.

Using the Shortcut Menu

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

The OSD (On Screen 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:

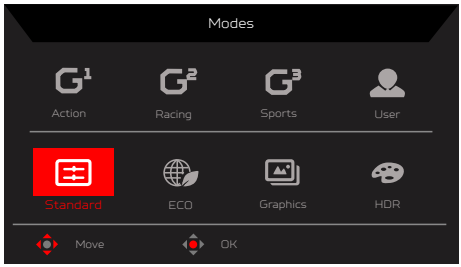
Main page



1. Hot Key1
   Modes, Brightness, Volume, Gamma, Contrast, Blue Light, Over Drive, VRB
2. Hot Key2
   Modes, Brightness, Contrast, Volume, Gamma, Blue Light, Over Drive, VRB
3. Hot Key3
   Input Switch Hot Key
4. Main Menu

Hot key1 (default: Standard mode)

To choose game mode(G1, G2, G3) which user-defined profile to use or scenario mode (User, Standard, ECO, Graphics, HDR)



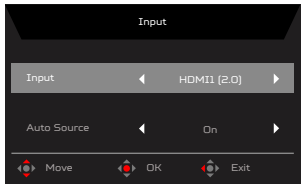
Hot key2 (default: Brightness)

Open the Brightness control and select your preferred brightness setting . When you are done, press the joystick to quit current page and store.



Selecting the input

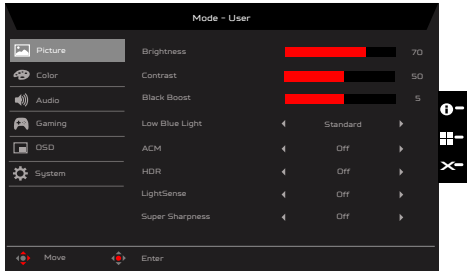
Open the Input control and select HDMI1(2.0), HDMI2(2.0), DP or Auto Source. When you are done, press the joystick to exit current page and store.



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.
   Toggle the joystick to the left or right to adjust the sliding scales.
3. Information Hot Key : Show Monitor Information and Reset control function.
   Modes Hot Key : To change Modes Hot Key menu.
   Exit Hot Key : To exit current page and store.

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.
4. The Picture menu can be used to adjust the Brightness, Contrast, Black Boost, Low Blue Light, ACM, HDR, LightSense, Super Sharpness.
5. Brightness: Adjust the brightness from 0 to 100.

   Note: Adjusts the balance between light and dark shades.
6. Contrast: Adjust the contrast from 0 to 100.

   Note: Sets the degree of difference between light and dark areas.
7. Black Boost: Adjust the black level from 0 to 10. Enhances shadows by increasing the

brightness without changing lighter shades.

8. Low Blue Light: The display uses the low blue light panel. It complies with TÜV Rheinland Low Blue Light Hardware Solution certification under factory reset/default setting (Low Blue Light=Standard, Brightness: 80%, Contrast: 50%, CCT: 6500K).

9. ACM: Turn ACM on or off.

Note: Set to "On", will be based on the current screen to dynamic contrast adjustment.

10. HDR: can control off, HDR-400 and auto, the default is off, set to auto will automatically detect and deal with HDR signal.



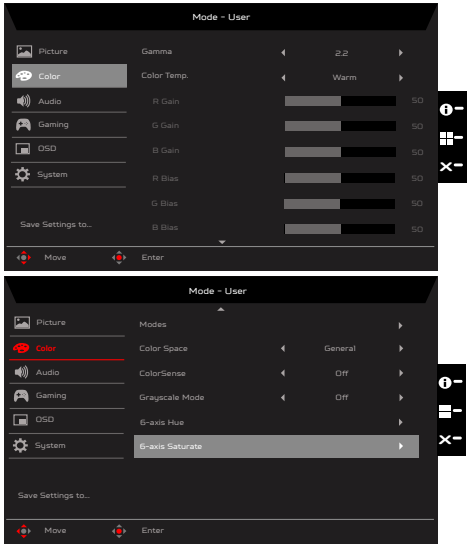
Note: 1. When HDR = Auto, the Modes will also be automatically set to “HDR”.

2. When HDR = Auto or HDR-400, some parameters :(ACM, Gamma, Contrast, Blue Light, Black Boost…) functions is gray out and disable, and if you change other adjustable parameters, the “Modes” will not jump to “User” Mode.

11. LightSense: It can choose Off / Level 1 / Level 2 and Level 3. Off is default, Level 3 brightness automatically adjust the maximum range, Level 2 brightness automatically adjust the range is moderate, Level 1 brightness automatically adjust the minimum range.

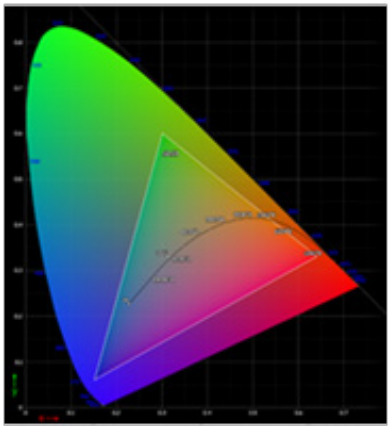
12. Super Sharpness: Turn the Super Sharpness On or Off. Super Sharpness technology can simulate high-resolution images by boosting the pixel density of the original source to make images sharper and clearer.

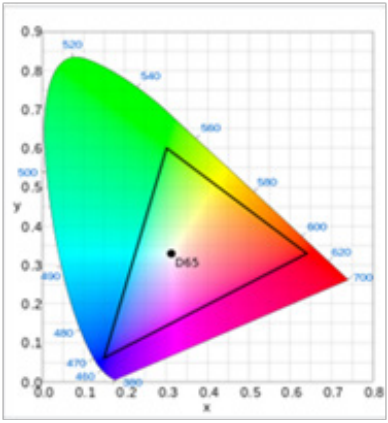
Color



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.
4. Gamma mode allows you to adjust the luminance tone.The default value is 2.2 (standard value for Windows).
5. Color temperature: Default is warm. You can choose Cool, Normal, Warm, Bluelight or User.
6. Modes:To choose scenario mode.
7. Color Space: You can choose sRGB, Rec.709, HDR, EBU, DCI, SMPTE-C and General.

Note: Color Space = HDR to correspond Modes is HDR, Other Color Space the Modes=Standard.





- CIE 1931 positive and negative error of 0.05, ("HDR" according to current Panel to fine-tune).
- Color Space = HDR, the Modes = HDR, Picture page HDR = Auto.
- Modes = (Action/Racing/Sports/User/Standard/ECO/Graphics) is selected; the color space is auto set to "General".
- Color Space = (sRGB/Rec.709/HDR/EBU/DCI/SMPTE-C), If to adjust the parameter the Modes will not jump to User mode, but the Color Space = "General" except.
- Color Space = (sRGB/Rec.709/HDR/EBU/DCI/SMPTE-C), 6-Axis Hue & Saturate is gray out and unavailable.
- Color Space = (sRGB/Rec.709/HDR/EBU/DCI/SMPTE-C), Grayscale Mode is gray out and unavailable.
- Color Space = (sRGB/Rec.709/HDR/EBU/DCI/SMPTE-C), (Light & Color) Sensor are gray out and unavailable.

8. ColorSense: Automatically adjust color temperature smoothly.

Note:

- ColorSense is On, Factory Menu can check the CT (Color Temp) Value.
- Mode = HDR, does not support the ColorSense.
- Color Space = (sRGB/Rec.709/HDR/EBU/DCI/SMPTE-C), does not support the ColorSense.
- ColorSense is on, the Modes is User, the (Contrast, Color Temp, Low Blue Light, 6 axis Hue, 6 axis Saturate, Grayscale Mode) functions are gray out and unavailable.

9. Grayscale Mode:To choose Grayscale mode.

10. 6-axis Hue: Adjust the red, green, blue, yellow, magenta and cyan hue.

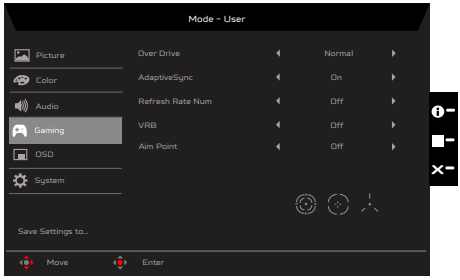
11. 6-axis Saturate: Adjust the red, green, blue, yellow, magenta and cyan saturation.

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.
4. Volume: Adjust the volume
5. Mute:To choose mute on/off .

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 control functions.
4. Over Drive: Select Off, Normal or Extreme.
5. AdaptiveSync: To control support AdaptiveSync or not, default is On.

Note:

1. If AdaptiveSync is “ON”, then the Over Drive selection is set to “Normal” automatically.

2. If AdaptiveSync is “OFF”, then the user can set Over Drive to either one of the three settings including: (a) Extreme (b) Normal (c) Off.

6. Refresh rate num: Display the panel’s current refresh rate on the screen.

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

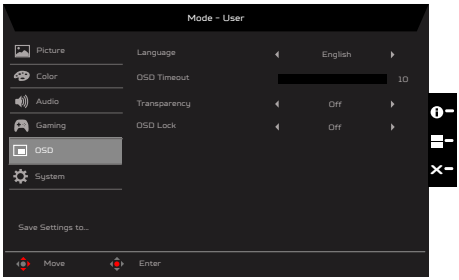
7. VRB: To choose whether to support dynamic picture more clean control, default is Off.

Note:

1. HDR setting = (Auto or HDR-400), LightSense are not support VRB.
2. VRB function does not affect the (Logo, Aim Point, Message and Input Icon) brightness.
3. VRB set "Normal or Extreme", when to turn on AdaptiveSync, will auto set VRB is "Off".
4. VRB set "Normal or Extreme", when to adjustment (Brightness, Low Blue Light, ACM),will auto set VRB is "Off".
5. VRB setting "Normal or Extreme", when detection of Input Timing <75Hz, will auto off the VRB and gray out to disable.
6. 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”.

8. Aim point: Show an Aim point on the screen for shooting games.

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.
4. Language: Set the OSD menu language.
5. OSD timeout: Adjust the delay before turning off the OSD menu.
6. Transparency: Select the transparency when using gaming mode. The transparency can be 0% (OFF), 20%, 40%, 60%, or 80%.
7. OSD Lock: To choose OSD lock on/off.

Note:

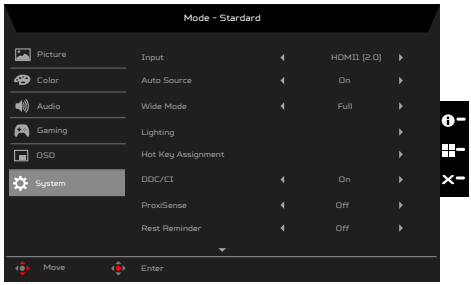
OSD Locked:

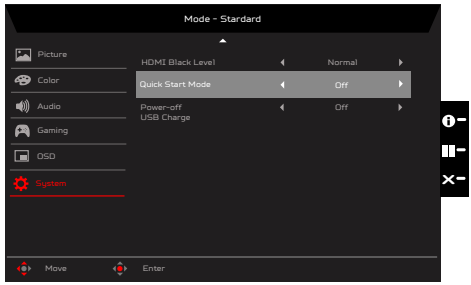
- Set the OSD Lock to "On" by the OSD option and press "Enter" to execute the All Key lock function.
- The "OSD Locked" message will be displayed in the middle of the screen.
- LED lights will be changed from blue light to orange light.
- Press any Key screen to prompt "OSD Locked" message.

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 control functions.
4. Input: Select the source from HDMI1(2.0), HDMI2(2.0), DP.

5. 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”.

6. Wide mode: You can select which screen aspect you are using. The options are Aspect, Full, 1:1 and 21:9.

7. Lighting: Ambient light, choose to follow a favorite to many functions.
    - Lighting Switch: Lighting main switch, default is "Enable".
    - Remote Lighting: Mandatory control lighting by remote.

Note: The function sku by country.

    - Lighting Style: 9 kinds of style choice. Static (Default),Shifting, Filling, Breathing, Motion, Zoom ,Spectrum, Wave ,Starlight flashing.
    - Lighting Color: 6 kinds of manually select the lighting color. Blue (Default), Red, Green ,Yellow , Magenta , Cyan.
    - Lighting Brightness: Control lighting brightness value ,when choose “Auto” that LED brightness will depend on lightsense.
    - Lighting Health: When user select to Warm/ Normal/ Cool, LED brightness & LED color R, G, B value are adjustment by setting value. When user select to disable, Lighting will be return to previous lighting style.

8. Hot Key 1 and Hot Key 2 can’t repeat the same function.
Hot Key 1 default is (Modes), Hot Key 2 default is (Brightness).
Because some functions limit the Hot Key to be gray out and unavailable.
Hot Key can define of: (Modes, Brightness, Volume, Gamma, Contrast, Low Blue Light, Over Drive, VRB).

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. ProxiSense: ProxiSense works on principle of transmission and reception of harmless “infrared” signals in order to detect user-presence.

Note:

    - The ProxiSense is set to (Range 1 to Range 3), tolerance is (+/-) 20 cm and ACM is off.
    - Three status (No signal, no cable connection and out of range) does not support ProxiSense.
    - The ProxiSense controls the PWM to 50% (current OSD Brightness parameter) or into the power saving state, and then press any key to restore the PWM to the normal value.
    - Power The detection range of the Sensor is in the middle, the upper and lower angles are ignored.

11. Rest Reminder: ProxiSense is set Range1~Range3 then Rest Reminder can be control (Off ~ 100Mins), Rest Reminder default is Off.

Note:

    - ProxiSense must be set to Range 1 and Range 3 before the Rest Reminder can be opened for selection (Off /20 Mins /40 Mins /60 Mins /80 Mins /100

Mins), The default setting is Off to not remind.

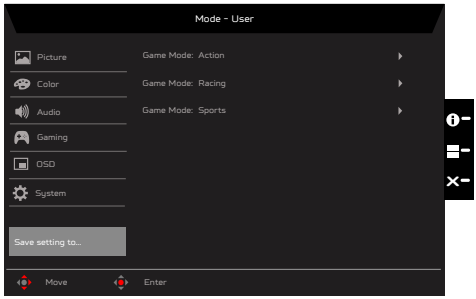
- Reminder message will display in the middle of the screen, press any key except the power button to hide the message, The Duration time of Reminder message depend on OSD Timeout function.
- When set to (20 Mins ~ 100 Mins), because the ProxiSense continues to detect people, it will continue to time. When the set time is reached, the Reminder Message will be displayed, will be displayed, as shown in the figure above.

12. HDMI Black level: Select to set HDMI black level.
13. Quick start mode: Select Off or On. Turn on to speed up boot speed.

Note: Quick Start mode is “On” not support Lighting boot effects.

14. Power-off USB charge: Turn On or Off. On: DC off/Saving mode can to electrify for USB port. Off: DC off/Saving mode can't to electrify for USB port.

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.

HDMI/DP Mode (Optional)

Problem	LED status	Remedy
No picture visible	Blue	Using the OSD menu, adjust brightness and contrast to maximum or reset to their default setting.
	Off	Check the power switch. Check if the AC power cord is properly connected to the monitor.
	Amber	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. If OSD Lock is On, the LED status set Amber.

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

Regulatory Compliance

