PREDATOR

Predator Z35

Quick Guide

Acer LCD Monitor Quick Start Guide (QSG)

Important safety instructions

Please read the following instructions carefully.
1. To clean the LCD monitor screen: Be sure that your monitor is electrically rated to operate with the AC power available in your location.
   • Turn off the LCD monitor and unplug the power cord.
   • Spray a non-solvent cleaning solution onto a rag and clean the screen gently.
   • **NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE.**
   • **PLEASE DO NOT USE ANY AMMONIA OR ALCOHOL-BASED CLEANERS ON THE LCD DISPLAY SCREEN OR CASE.**
   • Acer will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.
2. Do not place the LCD monitor near a window. Exposing the monitor to rain, moisture or sunlight can severely damage it.
3. Do not apply pressure to the LCD screen. Excessive pressure may cause permanent damage to the display.
4. Do not remove the cover or attempt to service this unit yourself. An authorized technician should perform servicing of any nature.
5. Store the LCD monitor in a room with a temperature of -20° to 60° C (-4° to 140° F). Storing the LCD monitor outside this range may result in permanent damage.
6. Immediately unplug your monitor and call an authorized technician if any of the following circumstances occur:
   • Monitor-to-PC signal cable is frayed or damaged.
   • Liquid spills onto the LCD monitor or the monitor is exposed to rain.
   • The LCD monitor or case is damaged.

Attaching the monitor to the base

1. Remove the monitor base from the packaging and place it on a stable and level workspace.
2. Remove the monitor from the packaging.
3. Attach the monitor stand arm to the base.
   • Ensure that the base is locked onto the monitor stand arm. (for selected models)
   • Secure the base to the monitor stand arm by turning the screw using the integrated tab or a suitable coin. (for selected models)

Connecting Your Monitor to a Computer

1. Turn off your monitor and unplug your computer's power cord.
2. 2-1 Connect HDMI Cable (Only HDMI-input model)
   a. Make sure both the monitor and computer are powered-OFF.
   b. Connect the HDMI cable to the computer.
   When using HDMI, you can press any button, excluding the Power button, to trigger the I/O port source.
   2-2 Connect DP Cable (Default input) (Only DP-input model)
   a. Make sure both the monitor and computer are powered-OFF.
   b. Connect the DP cable to the computer.
3. Connect the Audio Cable. (Optional)
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.
6. Select Power-off USB charge ON/OFF to enable/disable Power-off USB charge function.
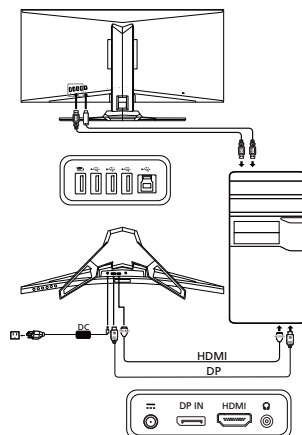
External Controls

No.	Icon	Item	Description
1	⏻	Power button/indicator	Press to turn the monitor ON or OFF. Lights up to indicate the power is turned on.
2	▤	OSD menu button	Press to activate the OSD menu.
3	Input	Input button	Press to toggle input sources.
4	🔊	Volume button	Press to activate the volume sliding scale.
5	⌖	OD button	Press to activate the OD menu and set it to **Off**, **Normal**, or **Extreme** mode. If the OSD is active, press it to enter a selection.
6	G	Game Mode button	Press to activate the Game Mode menu.

6 5 4 3 2 1
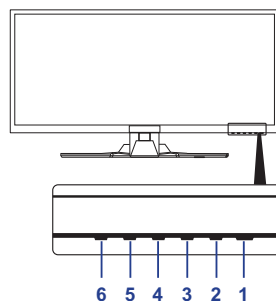
Adjusting the OSD settings

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 the following pages:

Main page

1. Game mode
2. OD (overdrive) options
3. Volume
4. Input selection
5. Function menu

## Turning Game mode on or off

Open the Game mode control and turn Game mode on or off using the arrows (OFF/ON), and select which user-defined profile to use (please see the OSD section for more information).
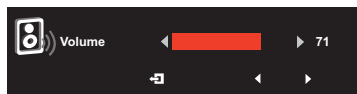
Adjusting the OD setting

Open the OD control and select your preferred OD setting using the arrows. When you are done, use the icon to go back one level.
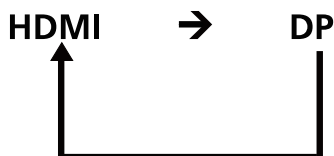
OD

Off
Normal
Extreme
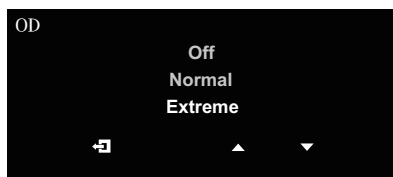
Adjusting the volume

Open the Volume control and set the Volume using the arrows. When you are done, use the icon to go back one level.
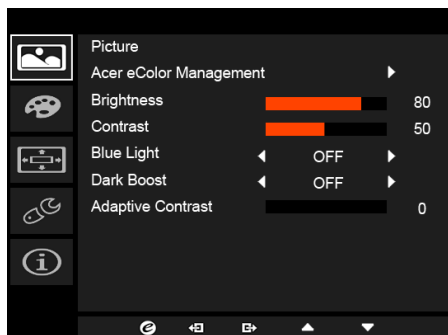
Volume   71

Selecting the input

Open the Input control and select HDMI or DP. When you are done, use the icon to go back one level.

HDMI ➔ DP

The Function page

Open the Function page to select the Picture, Color, OSD or Setting functions, and adjust the settings which you want using the arrows. You can also view your monitor's system information from this page. When you are done, use ![icon] to go back one level.

Picture

	Picture		
	Acer eColor Management		▶
	Brightness	▬▬▬▬	80
	Contrast	▬▬	50
	Blue Light	◀ OFF	▶
	Dark Boost	◀ OFF	▶
	Adaptive Contrast		0

1. Press the MENU key to open the OSD.

2. Using the ▲ / ▼ keys, select Picture from the OSD.Then navigate to the picture element you wish to adjust.

3. Use the ◀/▶ keys to adjust the sliding scales.
4. The Picture menu can be used to adjust the Acer eColor, Blue Light, Brightness, Adaptive contrast, Contrast, and Dark boost.
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. Blue Light: Filters out blue light to protect your eyes by adjusting how much blue light is shown -- 80%, 70%, 60%, or 50%.

NOTE: Higher values allow more blue light through. For the best protection select a lower value.

8. Dark boost: This boosts the amplitude of the dark color levels of the display– blacks will be less black. The higher the level, the higher the boost.
9. Adaptive Contrast: This method usually increases the global contrast of many images, especially when the usable data of the image is represented by close contrast values. This allows for areas of lower local contrast to gain a higher contrast. The method is useful in images with backgrounds and foregrounds that are both bright or both dark. In particular, the method can lead to better views of bone structure in x-ray images, and to better detail in photographs that are over or under-exposed.

Color
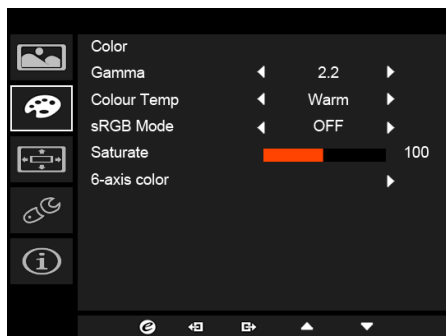
1. Press the MENU key to open the OSD.

2. Using the ▲ / ▼ keys, select Color from the OSD. Then navigate to the picture element you wish to adjust.

3. Use the ◄/► keys to select the setting.
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, Warm, Normal, Bluelight or User.
6. Saturate: Color brightness can be changed by 0~200 adjustment.
7. 6-axis color: Chroma of red, green, blue, cyan, yellow and magenta can be independently adjusted from 0~100, changing the color quality of the image.

OSD
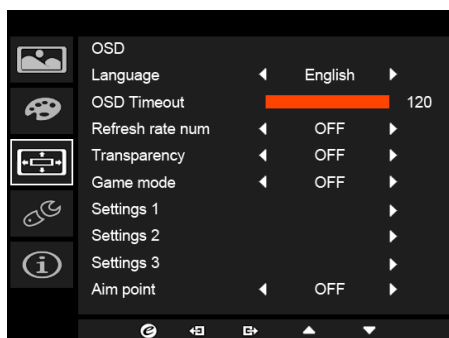
1. Press the MENU key to open the OSD.

2. Using the ▲ / ▼ keys, select OSD from the OSD. Then navigate to the setting you wish to change.

3. Use the ◄/► keys to adjust any sliding scales.
4. Language: Set the OSD menu language.
5. OSD timeout: Adjust the delay before turning off the OSD menu.
6. Refresh rate num: Display the panel's current refresh rate on the screen.
7. Transparency: Select the transparency when using gaming mode. The transparency can be 0% (OFF), 20%, 40%, 60%, or 80%.
8. 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 and press 1, 2 or 3.
9. Aim point: Show an Aim point on the screen for shooting games.

Setting

	Setting			
	Input	◄	DP	►
	DTS	◄	ON	►
	OD	◄	Normal	►
	Ambient Light			►
	Wide Mode	◄	Full	►
	Over Clock			►
	ULMB	◄	OFF	►
	Quick Start	◄	OFF	►
	Power LED	◄	Dim	►

	Setting	▲		
	Deep Sleep	◄	ON	►
	Reset			►
	Power-off USB charge	◄	OFF	►

1. The Setting menu can be used to select the screen menu language and other important settings, including input and OD level.
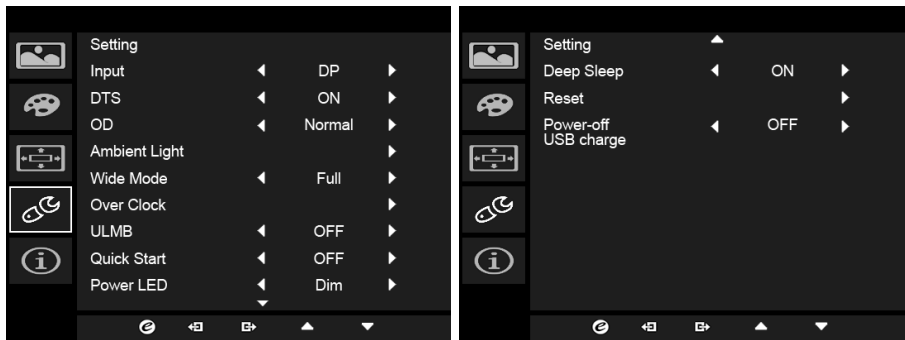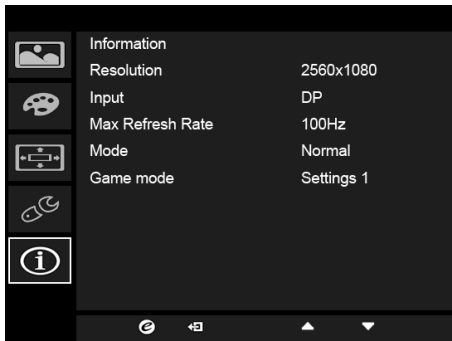2. Press the MENU key to open the OSD.
3. Using the ▲ / ▼ keys, select Setting from the OSD. Then navigate to the setting yo wish to adjust.
4. Use the ◄/► keys to select the setting.
5. Input: Select the source from DP In, HDMI.
6. DTS (selective models): Turn DTS Sound On or Off. DTS Sound is stratified and creates a remarkable sonic flow.
7. OD: Select Off, Normal, or Extreme.
8. Ambient light: Adjust the lighting effects, color, and style.
9. Wide mode: You can select which screen aspect you are using. The options are Aspect and 1:1.
10. Over Clock (selective models): The monitor can be over-clocked to a higher refresh rate than advertised by the panel specification.
    *This function allows you to reset the maximum refresh rate in the NVIDIA Control Panel after rebooting. If nothing is displayed, disconnect the DisplayPort cable and use the monitor's on-screen display to select a default refresh rate.
11. Deep Sleep: When Deep Sleep function is On, the monitor shuts down its core functions and goes into energy saving mode if the monitor is idle for a certain period of time, or if the user turns off the monitor DC power.

NOTE: Pressing any button (except the Power button) on the monitor may also wake up the monitor after it goes into deep sleep.

12. Reset: Resets the custom color settings to the factory defaults.
13. Power-off USB charge: Turn On or Off.

Product information

	Information	
	Resolution	2560x1080
	Input	DP
	Max Refresh Rate	100Hz
	Mode	Normal
	Game mode	Settings 1

1. Press the MENU key to open the OSD.
2. Using the ▲ / ▼ keys, select Information to view the basic information for your monitor and current input.

Standard timing table

HDMI

Mode		Resolution		Remark
1	VGA	640 x 480	60 Hz	
2	VGA	640 x 480P	59.94 Hz	
3	VGA	640 x 480P	60 Hz	
4	SDTV	720 x 576P	50 Hz	
5	SDTV	720 x 480P	59.94 Hz	
6	SDTV	720 x 480P	60 Hz	
7	HD	1280 x 720P	50 Hz	
8	HD	1280 x 720P	59.94 Hz	
9	HD	1280 x 720P	60 Hz	
10	FHD	1920 x 1080P	50 Hz	
11	FHD	1920 x 1080P	59.94 Hz	
12	FHD	1920 x 1080P	60 Hz	
13	Wide HD	2560 x 1080	60 Hz	

DP

Mode		Resolution		Remark
1	VGA	640 x 480	60 Hz	
2	SVGA	800 x 600	60 Hz	
3	XGA	1024 x 768	60 Hz	
4	Wide HD	2560 x 1080	60 Hz	
5	Wide HD	2560 x 1080	85 Hz	
6	Wide HD	2560 x 1080	100 Hz	
7	Wide HD	2560 x 1080	120 Hz	
8	Wide HD	2560 x 1080	144 Hz	
9	Wide HD	2560 x 1080	160 Hz	
10	Wide HD	2560 x 1080	180 Hz	
11	Wide HD	2560 x 1080	200 Hz	

G-SYNC Experience

For the following resolution:

2560 x 1080@60 Hz

2560 x 1080@85 Hz (DP only)

2560 x 1080@100 Hz (DP only)

2560 x 1080@120 Hz (DP only)

2560 x 1080@144 Hz (DP only)

G-SYNC requires an NVIDIA GeForce GTX650Ti BOOST or higher GeForce GTX graphics card with a DisplayPort output. For more information, visit the nVidia® Website: http://www.nvidia.com/page/home.html

For the following resolution with Over Clock function (DP only):

2560 x 1080@160 Hz

2560 x 1080@180 Hz

2560 x 1080@200 Hz

G-SYNC requires an NVIDIA GeForce GTX960 BOOST or higher GeForce GTX graphics card with a DisplayPort output. For more information, visit the nVidia® Website: http://www.nvidia.com/page/home.html

DTS Sound

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Regulations and safety notices

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

● Reorient or relocate the receiving antenna.
● Increase the separation between the device and receiver.
● Connect the device into an outlet on a circuit different from that to which the receiver is connected.
● Consult the dealer or an experienced radio/television technician for help.

CE declaration of Conformity

Hereby, Acer Inc., declares that this LCD monitor is in compliance with the essential requirements and other relevant provisions of EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC, and RoHS Directive 2011/65/EU and Directive 2009/125/EC with regard to establishing a framework for the setting of ecodesign requirements for energy-related product.

Notice:

In order to prevent damage to the monitor, do not lift the monitor by its base.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with EMC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user authority, which is granted by the Federal Communications Commission, to operate this product.

Operation conditions

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.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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

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

SPECIFICATION

LCD Panel	Driving System	TFT Color LCD
	Size	35"W (89 cm)
	Pixel Pitch	0.32025 mm (H) x 0.32025 mm (V)
	Brightness	300 cd/m^2 (Typical)
	Contrast	3000:1
	Viewable Angle	178° (H) 178° (V) (CR=10)
	Response Time	4 ms (GTG)
	Panel Type	VA
	H-Frequency	HDMI 1.4: 30-140 KHz DP: 66-166 KHz
	V-Frequency	HDMI 1.4: 24-60 Hz DP: 30-144 Hz
Display Colors		16.7 Million
Dot Clock		HDMI 1.4: 300 MHz, DP: 460 MHz
Maximum Resolution		2560 x 1080 @ 60 Hz (HDMI) 2560 x 1080 @ 144 Hz (DP-over clock function = OFF) 2560 x 1080 @ 200 Hz (DP-over clock function = ON)
Plug & Play		VESA DDCCI/DDC2B
Energy Efficiency Class		B
*Annual Energy Consumption		76 (kWh) (for HDMI-input Model)
Power Consumption (at 200 nits)	On Mode	52 W (Typical)
	Sleep Mode	0.47 W (Typical)
	Off Mode	0.42 W (Typical)
Input Connector		HDMI 19 pin (Only HDMI-Input Model) DP (Only DP-Input Model)
Input Video Signal		HDMI signal (Only HDMI-Input Model)(Optional) DP (Only DP-Input Model)(Optional)
Speakers		9 W x 2 (Only Audio-Input Model)(Optional)
Maximum Screen Size		Horizontal: 819.84 mm Vertical: 345.87 mm
Power Source		100-240 V, 50/60 Hz
Environmental Considerations		Operating Temp: 0° to 40°C Storage Temp: -20° to 60°C Operating Humidity: 10% to 80%
Dimensions		844.4 (W) x 554.5 ~ 684.5 (H) x 299.9 (D) mm
Weight (N. W.)		12.7 kg (net)
Mechanism Specifications		Tilt: -5° to +25° (Only at the highest point can 25 degrees of recline be offered for the angle of elevation) Swivel: No Height adjustment: 0 mm to 130 mm Pivot: No Detachable foot stand: Yes
External Controls	Switch/Buttons	Power Button Menu/Enter Input OD/Exit Volume Game Mode
	Functions	Contrast OD Brightness 6-Axis color Focus (only Analog input model) Aim point Clock (only Analog input model) DTS H. Position (only Analog input model) Color Temperature V. Position (only Analog input model) Language Blue Light OSD Timeout Gamma Deep Sleep Adaptive contrast Auto Configuration (only Analog input model) Dark boost Wide Mode (Full/Aspect/1:1) sRGB Input Signal Selection Saturate Ambient light Refresh rate num Over clock (DP only) ULMB (DP only) Display Information Quick Start Reset Power-off USB charge Exit Power LED
All specifications are subject to change without notice.		

Find manuals and other documents for your Acer product on the official Acer support website.

*Annual energy consumption is calculated using the typical power consumption 4 hours per day, 365 days per year.