

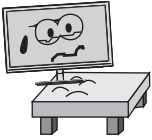
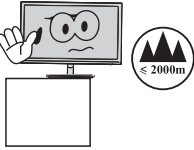


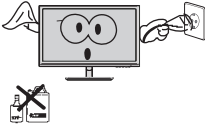
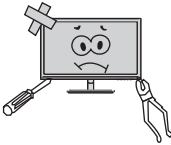


We will not have any further notice in case of any change of the product specifications.  
⇒ Before operation, please read this User Manual carefully.



# Gaming Monitor User Manual



# I.Safety Prevention Measures

			
<p>Please always place this device on a stable surface; otherwise, it may fall and be damaged.</p>	<p>The altitude and the tropical environment the adapter fits depend on which adapter is used for the device. The rating plate on the back of the device with the above warning sign indicates that this product is applicable for the safe use of the region with altitude of 2,000m and below.</p>	<p>Do not hold the plug with wet hand; otherwise, electric shock may occur. Make sure the plug has a good touch because poor touch may cause fire.</p>	<p>Do not use a broken power plug nor keep a power cord near heat source; otherwise, electric shock or fire may occur.</p>
			
<p>When cleaning the device, be sure to remove the power plug, use a piece of soft cloth rather than industrial chemical to clean the device, be sure not to let water enter the device.</p>	<p>Do not disassemble this device without permission. In case of failure, be sure to contact a professional servicing person to fix it. The unauthorized disassembly of this device may result in electric shock or fire.</p>	<p>In case of rare smell or noise out of this device, be sure to immediately cut off the power supply and ask a professional servicing person to fix the problem.</p>	<p>When this device is idle for long time, be sure to power it off; otherwise, electric shock or fire may occur.</p>

**Note:**

The device with AC switch may use such AC switch as cut-off component. The device without AC switch may use power plug or coupler as cut-off component. In case of the normal use of the equipment, make sure the cut-off component can be accessed easily.



This product incorporates HDMI technology. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

## II. Installation Instructions

### 1. Accessories

Power adapter



Base/Stand



Signal cable



Warranty card



User manual

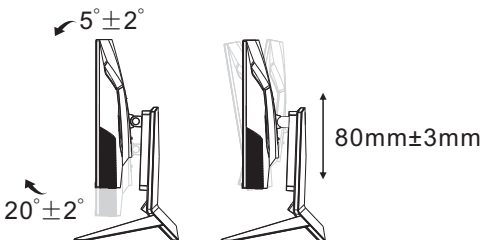
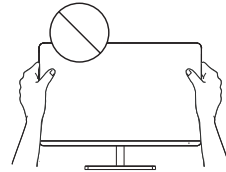


(The above pictures are for illustration only and the physical accessories shall govern.)

### 2. Angle Adjustment

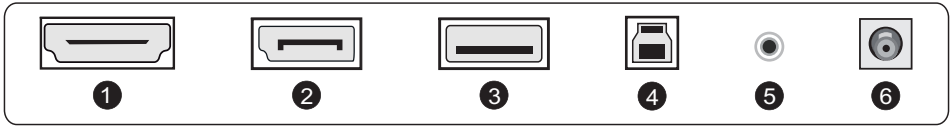
2.1 The screen can be adjusted by inclining forward and backward; however, the specific adjustment depends on the specific model of the device. Generally, it may be inclined  $5\pm 2^\circ$  forward and  $15\pm 2^\circ$  backward.

2.2 When adjusting the angle of the monitor, be sure not to touch or press the area of the screen.

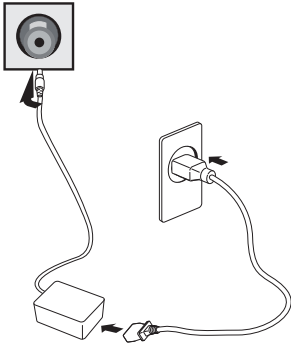


(The above pictures are for illustration only and the physical accessories shall govern.)

### III. Connect the Monitor to PC



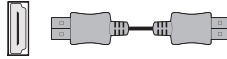
**⚠** Before connecting the LCD monitor to the PC, please power down the PC and the monitor.



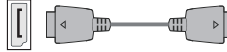
Power adapter

\* Warning: Always use the power cord of standard configuration.

- 1** **HDMI Port**  
Connect the HDMI cable into the HDMI IN port into the back of the monitor (this needs the support of the monitor).



- 2** **DP Port**  
Connect the DP cable into the DP IN port of the monitor (this needs the support of the monitor).



- 3** **USB OUT Port**  
Connect the USB cable into the USB OUT port in the back of the monitor (this needs the support of the monitor).



- 4** **USB IN Port**  
Connect the USB cable into the USB IN port in the back of the monitor (this needs the support of the monitor).



- 5** **Audio Interface**  
Connect the AUDIO cable to the AUDIO OUT port in the back of the display (this needs the support of the monitor).

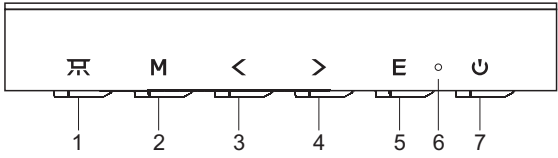


- 6** **Power Plug**  
Connect the power cord of the monitor into the POWER port in the back of the monitor.



(The above pictures are for illustration only and the physical accessories shall govern.)

# IV. User Setup

## 1. Schematic Diagram of Keys














## 2. Description of Keys' Functions



1.		Projection light; Press this key to turn on/off.
2.	<b>M</b>	Open the menu;select the function. .
3.	<b>&lt;</b>	When menu is opened, as left or down selection key, progress bar value will decreases;When menu is closed, enter the preset mode.
4.	<b>&gt;</b>	When menu is opened, as right or up selection key, the progress bar value will increases. When the menu is closed, switch the game front sight
5.	<b>E</b>	When menu is opened, returning to the previous menu or pressing this key will exit the entire menu; when menu is closed, switch the signal source.
6.		Long bright: normal boot state; flicker: power saving standby state.
7.	LED indicator light	Power switch: Powers on/off the monitor.

Note: The physical keys of the specific model shall govern.

# V. Operation Menu (OSD) Function Descriptions

First level menu item	Second level menu item	Third level menu item	Instructions	
 <b>Game Mode</b>	FreeSync	ON	Open FreeSync	
		OFF	Close FreeSync	
	Dark Field Brightening	ON	Enhancing brightness in dark.	
		OFF	Turn off brightness in dark.	
	OD Acceleration	General	OD general	
		Extreme	OD high	
		OFF	Close OD	
	Color Gain	Level 1/Level 2	Switching first or second color enhancement	
		OFF	Close color enhancement	
	HDR tech	ON	OpenHDR mode	
OFF		Close HDR mode		
Blur Free <small>(this needs the support of the monitor)</small>	ON	Open dynamic acceleration		
	OFF	Close dynamic acceleration		
 <b>Game Assistant</b>	Crosshair		Switch the game front sight	
	Timer	30/40/50/60/90min	Open game timing	
		OFF	Close game timing	
	PIP/PBP <small>(this needs the support of the monitor)</small>	PIP/PBP	PIP	
			PBP	
			OFF	
		Main Source	HDMI 1	
			HDMI 2	
			DP	
		Sub Source	HDMI 1	
HDMI 2				
DP				
PIP Position		Left Top/Left Bottom/Right Top/Right Bottom		
Swap	Switching Main Window and Subwindow			
 <b>Preset Mode</b>	Standard		Normal usage mode	
	Movie		Watch movie mode	
	Eye Care	Level 1/Level 2/Level 3	Open intensity of eye protector to filter blue light	
		OFF	Close intensity of eye protector to filter blue light	
	FPS	Level 1/Level 2/Level 3	Opening FPS Game Mode	
RTS	Level 1/Level 2/Level 3	Opening PTS Game Mode		
 <b>Color</b>	Warm		Set to warm color temperature.	
	Cold		Set to cold color temperature.	
	DCI-P3		Set to DCI-P3.	
	User-defined		Adjusting red color temperature	
			Adjusting green color temperature	
		Adjusting blue color temperature		
 <b>Display</b>	Brightness		Adjusting brightness	
	Contrast		Adjusting Contrast	
	Gamma	Gamma 1	Adjust tone brightness, gray 1	
		Gamma 2	Adjust tone brightness, gray 2	
	Aspect Ratio	Auto	Automatically adjusting image proportion	
		16:9/21:9	Adjust the image to wide mode (need support)	
		4:3	Adjusting image to 4:3	
	Ambient Lighting	Static-Red/Static-Blue	Switching Ambient Light Red ( Static ) , Blue ( Static )	
		Breathing/Colored /Marquee Lighting	Switching Ambient Lamp dynamic Mode	
		OFF	Turn off the atmosphere lamp.	
Signal Source	HDMI 1	HDMI 1.4 (Digital) Signal Input		
	HDMI 2	HDMI 2.0 (Digital) Signal Input		
	DP	DisplayPort (Digital) Signal Input		

All specifications and informations are subject to change without notice.

 Others	Language	简体中文、繁體中文、English、Française、Русский、日本語、Português、Deutsch、Italiano、Español、한국어、Tiếng Việt	
	Timed Shutdown	Enable	Automatically shut down after saving power for 1 minute
		Disable	Close timing shutdown
	Reset	Yes	Reset to factory default
		No	Cancel resetting
	Sound		Adjusting the sound size (only with audio)
	Dynamic Contrast Ratio	ON	Turn on dynamic contrast
OFF		Turn off dynamic contrast	
Info	(Software Version Info)		

Note: The functions may be adjusted due to specific model or the upgrade of software version. The physical model shall govern.

## VI. Product Specifications

Diagonal dimensions	Picture aspect ratio	Picture dimensions (mm)	Dot distance (mm)	Optimal resolution
68.6cm (27" FHD)	16:9	597.888x336.312	0.3114x0.3114	1920*1080
68.47cm (27" QHD)	16:9	596.736x335.664	0.2331x0.2331	2560*1440
80.0cm (31.5" FHD)	16:9	698.4x392.85	0.3637x0.3637	1920*1080
80.0cm (31.5" QHD)	16:9	697.344x392.256	0.0908x0.2724	2560*1440
86.36cm (34" QHD)	21:9	797.22x333.72	0.23175x0.23175	3440*1440
Ambient temperature	Storage temperature		-20°C to 60°C	
	Working temperature		0°C to 40°C	
Humidity	RH for operation		20% to 80%	

Remark: When the resolution are 2560\*1440@60Hz/3440\*1440@60Hz/1920\*1080@144Hz/2560\*1440@144Hz/3840\*2160@30Hz connection via DVI port, pls choose 24+1 pin double - channel DVI cables.

Note: The actual application of the above parameters shall be subject to the specific model.



## VII. Table of Product Preset Modes

In HDMI 1.4/2.0 connection mode

Preset resolution/Refresh rate										
27"FHD (HDMI 1.4)	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 120Hz)	1440x900 (60/120Hz)	1680X1050 (60/120Hz)	1920x1080 (60/120/144Hz)		
27"FHD (HDMI 2.0)	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 120Hz)	1440x900 (60/120Hz)	1680X1050 (60/120Hz)	1920x1080 (60/120/165Hz)		
31.5"FHD (HDMI 1.4/2.0)	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 120Hz)	1440x900 (60/120Hz)	1680X1050 (60/120Hz)	1920x1080 (60/120/144Hz)		
27"/31.5"QHD (HDMI 1.4)	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 120Hz)	1440x900 (60/120Hz)	1680X1050 (60/100Hz)	1920x1080 (60/120/ 144Hz)	2560x1440 (60Hz)	
27"/31.5"QHD (HDMI 2.0)	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 120Hz)	1440x900 (60/120Hz)	1680X1050 (60/120Hz)	1920x1080 (60/144Hz)	2560x1440 (60/120/144Hz)	
34"QHD (HDMI 1.4)	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 100Hz)	1440x900 (60/100Hz)	1680X1050 (60/100Hz)	1920x1080 (60/100Hz)	2560x1440 (60Hz)	3440x1440 (60Hz)
34"QHD (HDMI 2.0)	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 100Hz)	1440x900 (60/100Hz)	1680X1050 (60/100Hz)	1920x1080 (60/100Hz)	2560x1440 (60/100Hz)	3440x1440 (60/100Hz)

In DP connection mode

Preset resolution/Refresh rate										
27"FHD	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 120Hz)	1440x900 (60/120Hz)	1680X1050 (60/120Hz)	1920x1080 (60/120/165Hz)		
31.5"FHD	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75/ 120Hz)	1440x900 (60/120Hz)	1680X1050 (60/120Hz)	1920x1080 (60/144/180/200Hz max input)		
27"QHD 31.5"QHD	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75Hz)	1440x900 (60Hz)	1680X1050 (60Hz)	1920x1080 (60/120/ 144Hz)	2560x1440 (60/120/144Hz)	
34"QHD	720x400 (70Hz)	640X480 (60/72/ 75Hz)	800x600 (56/60/72/ 75Hz)	1024x768 (60/70/ 75Hz)	1280x1024 (60/75Hz)	1440x900 (60Hz)	1680X1050 (60Hz)	1920x1080 (60/100Hz)	2560x1440 (60/100Hz)	3440x1440 (60/100Hz)

Note: The actual application of the above parameters shall be subject to the specific model.

## VIII. FAQ

Problems	Solution
Power indicator is not on	Whether to turn on or connect to the power supply
Unable to use Plug and Play	Whether PC Matches with Plug and Play, whether Display Card Matches with Plug and Play.
Dim image	Adjusting brightness and contrast
Image pulsation or ripple	There may be electrons around it.
Power indicator (flickering), but no image	<p>*Whether the computer is turned on</p> <p>*whether the computer graphics card is inserted appropriately</p> <p>*whether the signal line of the display has been correctly connected with the computer.</p> <p>*Check the plug of the signal line of the display and make sure that the pins are not bent.</p> <p>*Observe the indicator light by pressing the Caps Lock key to confirm whether the computer is operating.</p>
Lack of color (red, green, blue)	*Check the plug of the signal line of the display and make sure that the pins are not bent.
Color aberration (white does not look white)	Adjusting RGB color or reselect color temperature
<p>Tip: FreeSync's display frequency conversion technology developed for AMD has special requirements for graphics cards and displays. Make sure that the model of graphics cards is supported.</p> <p>If in a complex display application environment (e.g. multi-screen, frequent FreeSync switches, frequent switching of various resolutions and refresh rates)</p> <p>If there is an exception, please restart the PC or turn off FreeSync function to eliminate the exception, or contact the after-sales personnel to solve it.</p> <p>Using qualified FreeSync standard PC hardware and graphics card driver can make the experience better!</p>	
<p>The lamp effect is a decorative article. If you need to standby and save electricity, you can turn it off. (Note: Standby power consumption is based on the shutdown effect)</p>	
<p>HDR need to be supported under Win10 system or HDR chip source.</p>	



