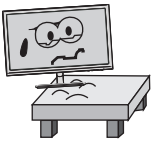
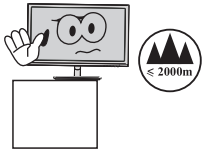
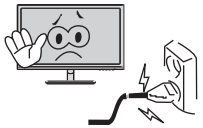
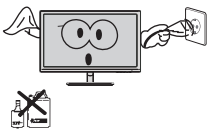
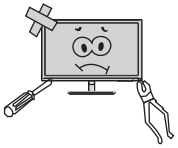
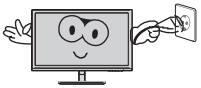
Optix MAG27C

MSI GAMING MONITOR User's Manual

I.Safety Prevention Measures

			
Please always place this device on a stable surface; otherwise, it may fall and be damaged.	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.	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.	Do not use a broken power plug nor keep a power cord near heat source; otherwise, electric shock or fire may occur.
			
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.	Do not disassemble this device without permission. In case of failure, be sure to contact a professional servicing person to fix it. The authorized disassembly of this device may result in electric shock or fire.	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.	When this device is idle for long time, be sure to power it off; otherwise, electric shock or fire may occur.

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.

II.Installation Instructions

1.Accessories

Power adapter

Base/Stand

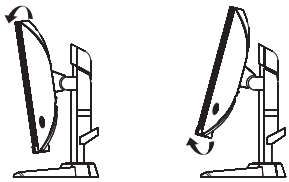
Signal cable

Warranty card

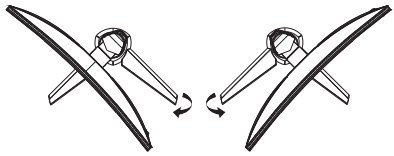
User manual

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

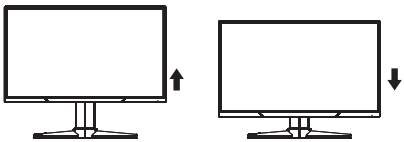
2. Adjustment of Rotation Angle



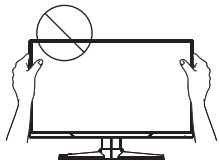
1. The screen may be inclined 5° forward and 20°backward.



2. The angle may be adjusted left and right within -30°-30°.



3. Vertical direction can be adjusted up and down within 65mm.



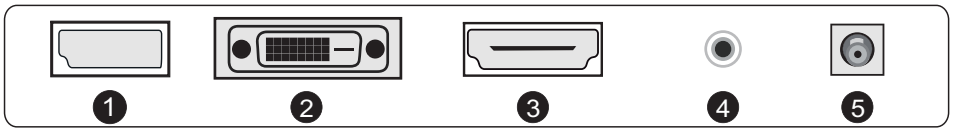
4. When adjusting the angle of the display, be sure not to touch or press the screen area.

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

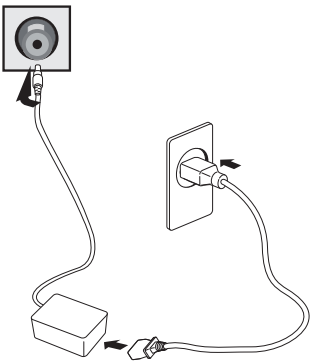
3. Project Assembly

See the assembly sketch on the cover of the packaging case.

III. Connect the Monitor to PC



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



Power adapter

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

1 DP Port

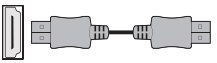
Connect the DP cable into the DP IN port of the monitor (this needs the support of the monitor).

2 DVI Port

Connect the DVI cable into the DVI IN port in the back of the monitor (this needs the support of the monitor).

3 HDMI Port

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



4 Audio Interface

Connect the AUDIO cable to the AUDIO out port in the back of the display (this needs the support of the monitor).

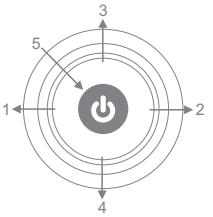
5 Power Plug

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

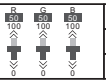


2. Description of Keys' Functions

1.		MENU key: Press this key to pop up the main menu/back to the previous menu (in case of main menu, exit).
2.		When a menu is open, press this key as the RIGHT key to enter the submenu; When no menu is open, press this key to switch to the desired signal input source.
3.		When a menu is open, press this key as the UP key to increase the progress bar value; When no menu is open, press this key to switch to the desired mode.
4.		When a menu is open, press this key as the DOWN key to decrease the progress bar value; When no menu is open, press this key to switch to the desired sight bead (with sight bead switch activated).
5.		POWER/MENU Key: Press this key shortly to pop up Main Menu/Confirm; hold this key to power off.
6.	LED Indicator	Blue: Normal power-on state; Blinking blue: Power saver state.

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
Game	Mode	Standard	Normal use mode
		Movie	Application mode of seeing film
		FPS	First person shooting game mode
		RTS	Strategic game mode
		Eye Saver	Eye-protecting blue light filtered application mode
	DCR	Off	Inactivate dynamic contrast
		On	Activate dynamic contrast
	FreeSync	Off	Inactivate FreeSync function
		On	Activate FreeSync function, only AMD display card supported (the support from the display is needed)
	Aspect ratio	Auto	Automatic image scale adjustment
		16 : 9	Adjust image to be wind screen
		4 : 3	Adjust image to be 4:3
	Crosshair	None	Inactivate sight bead function
			Switch to the red round sight bead
			Switch to the green round sight bead
			Switch to the red cross sight bead
			Switch to the green cross sight bead
	Response time	Off	OD off mode (the support from the display is needed)
		Normal	OD general mode, reducing motion vague (the support from the display is needed)
		Extreme	OD top speed mode, reducing motion vague (the support from the display is needed)
Image	Brightness		Adjust display bright
	Contrast		Adjust display contrast
	Color Temp.	Warm	Set as cold color temperature
		Cool	Set as warm color temperature
		User	 Slightly adjust red color temperature Slightly adjust green color temperature Slightly adjust blue color temperature
	Gamma	1.8	Adjust color tone brightness grey 1.8
		2.2	Adjust color tone brightness grey 2.2
Input	DVI		DVI (digital) signal input
	HDMI		HDMI (digital) signal input
	DisplayPort		DisplayPort (digital) signal input
Setup	Language	繁中	繁體中文
		English	English
		French	French
		German	German
		Italian	Italian
		Spanish	Spanish
		Korean	Korean
		Japanse	Japanse
		Russian	Russian
		Portuguese	Portuguese
	Power Off	Off	Inactivate the timed power-off function
		On	In no-signal state, automatically power off after 1min standby
	LED	Off	LED off
		On	LED on
	Reset	Off	Exit from this function
		On	Restore to factory settings

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

All specifications and informations are subject to change without notice.

VI. FAQ

Faults occurring	Possible solutions
The power indicator light is not on	◆ Check if the power is on. ◆ Check if the power cord is connected.
Impossible plug-and-play	◆ Check if the function of plug-and-play of the device is compatible with PC. ◆ Check if the display card is compatible with the plug-and-play function.
Dimming picture	◆ Adjust brightness and contrast.
Flickering picture or picture with ripples	◆ There may be electrical appliances or equipment with electronic disturbance.
The power indicator light is on (flickering), but the monitor has no pictures.	◆ Check if the PC power is on. ◆ Check if the PC display card is inserted properly. ◆ Check if the signal cable of the monitor is correctly connected with the PC. ◆ Check the signal cable plug of the monitor and make sure every pin has no bending. ◆ Observe the indicator light by pressing the Caps Lock key on the PC keyboard and check if the PC is working.
Color shortage (red, green and blue)	◆ Check the signal cable of the monitor and make sure every pin has no bending.
Picture with color difference (white looks not white)	◆ Adjust RGB color or reselect color temperature.
Please confirm the default values of the output dynamic range and the pixel format in the graphics Settings is "all". when the brightness of the screen is higher than usual.	

VII. Product Specifications

Diagonal dimensions	Picture aspect ratio	Picture dimensions (mm)	Dot distance (mm)	Optimal resolution
68.6cm (27"FHD)	16:9	597.9*336.3	0.3114*0.1038	1920*1080
Ambient temperature	Storage temperature	-20℃ to 60℃		
	Working temperature	0℃ to 40℃		
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.

VIII. Table of Product Preset Modes

In DVI connection mode

Display dimensions	Aspect ratio	Preset resolution/Refresh rate							
27"FHD	16:9	720x400 (70Hz)	640x480 (60/75/72Hz)	800x600 (56/60/70/75Hz)	1024x768 (60/72/75/ 120Hz)	1280x1024 (60/75/120Hz)	1440x900 (60/120Hz)	1680x1050 (60Hz)	1920x1080 (60/120/144Hz)

In DP connection mode

Display dimensions	Aspect ratio	Preset resolution/Refresh rate							
27"FHD	16:9	720x400 (70Hz)	640x480 (60/75/72Hz)	800x600 (56/60/70/75Hz)	1024x768 (60/72/75/ 120Hz)	1280x1024 (60/75/120Hz)	1440x900 (60/120Hz)	1680x1050 (60/120Hz)	1920x1080 (60/120/144Hz)

In HDMI connection mode

Display dimensions	Aspect ratio	Preset resolution/Refresh rate							
27"FHD	16:9	720x400 (70Hz)	640x480 (60/75/72Hz)	800x600 (56/60/70/75Hz)	1024x768 (60/72/75/ 120Hz)	1280x1024 (60/75/120Hz)	1440x900 (60/120Hz)	1680x1050 (60/120Hz)	1920x1080 (60/120Hz)

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