

User's Manual

P/N 27771



Gaming Monitor

To assure the product to work in best status
Please read the user manual carefully before operation and
keep it well for use

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SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- Do not place the monitor on an unstable surface where it could fall and cause either personal injury or damage to the monitor and/or other equipment.
- Do not expose the monitor to water or moisture of any kind. Do not place objects containing moisture, such as a glass or vase, where it could tip over and spill into or onto the monitor.
- If the monitor is exposed to water or moisture, immediately unplug it from its power source and allow it to completely dry out before reapplying power.
- Do not block the ventilation holes in the monitor's casing. Do not place the monitor in a confined space with inadequate ventilation.
- Do not place the monitor near a heat source, such as a fireplace, heating vent, radiator, etc. Do not leave it in direct sunlight.
- The power supply for this monitor uses a NEMA 5-15 three prong, grounded plug. Do not use a "cheater" plug or otherwise bypass the grounding pin.
- The power supply for this monitor accepts a wide range of input voltages, from 100 to 240 VAC, 50 or 60 Hz. Ensure that your power source is within these limits. If not, consult a professional electrician or your power company for a resolution.
- Unplug the monitor if it will go unused for a long period of time.
- This monitor has no user serviceable parts. Do not open the case or otherwise attempt to modify this monitor.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- Do not leave a single image on the display for a long period of time. Doing so could cause "burn-in" of the image. It is recommended to use a variable desktop background and to use a screen saver to prevent "burn-in". Alternatively, ensure that the monitor is powered off for at least 2 hours out of every 12.

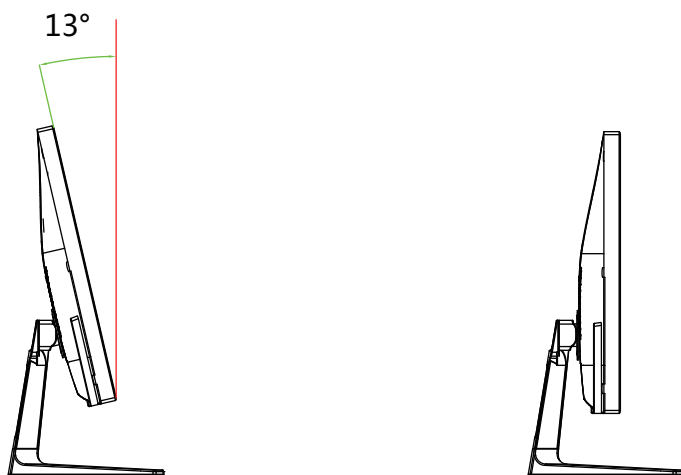
FEATURES

- 3840 x 2160 maximum resolution
- 16:9 aspect ratio
- HDMI®, and DisplayPort video inputs
- +13°/0° tilt range using included stand
- 5ms response time

A

VIEWING ANGLE ADJUSTMENT

The included monitor stand supports tilt adjustment from -0° (down) to +13° (up). To adjust the angle, grasp the bezel at both the top and bottom of the monitor and move it as desired. Use soft cloth gloves or a soft, dry cloth to grasp the monitor without touching the screen.

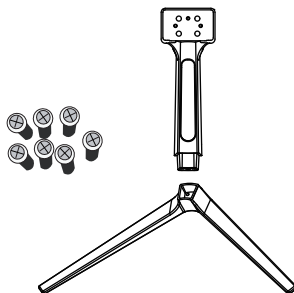


Package Contents

A

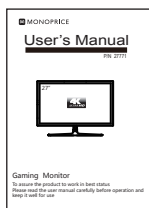


1x Monitor



1x Stand Base

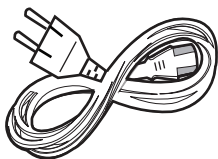
6x Screws for Stand Base



1x User's Manual



1x HDMI 2.0 Cable



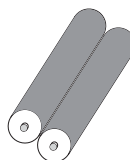
1x AC Power Cord



1x AC Power Adapter



1x remote control



2x battery

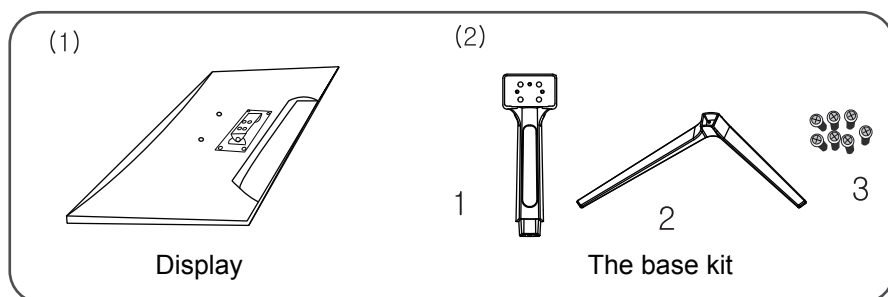
Installation

QUICK START GUIDE

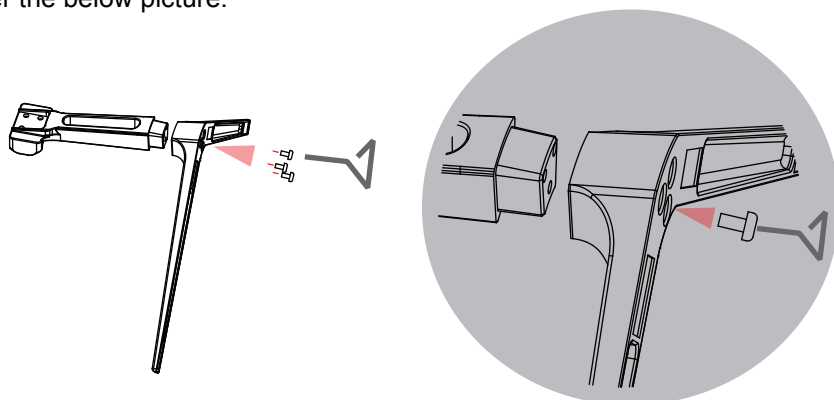
Put the monitor face down on a stable and smooth surface, pay attention not to damage or scratch the front glass / screen. It' s better putting a soft piece of cloth on the table beforehand to protect the monitor. Make sure the monitor is unplugged before starting installation.

SETTING UP THE MONITOR

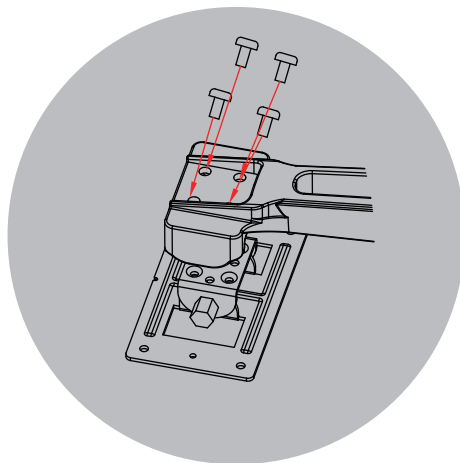
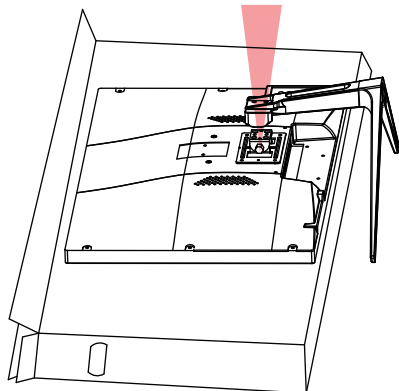
1. Put the monitor face down on a stable and smooth surface; make sure you have enough space to operate safely
2. Make sure you have the base kit with all his parts (7 screws / 3 stand parts) to set up the monitor correctly.



3. Secure the bracket and stand with the included screwdriver and screws as per the below picture.



4. Put the base kit on the back side of the display as per the below picture.



Fix the stand kit to the back side of the monitor as per the above picture.
Screw without force.

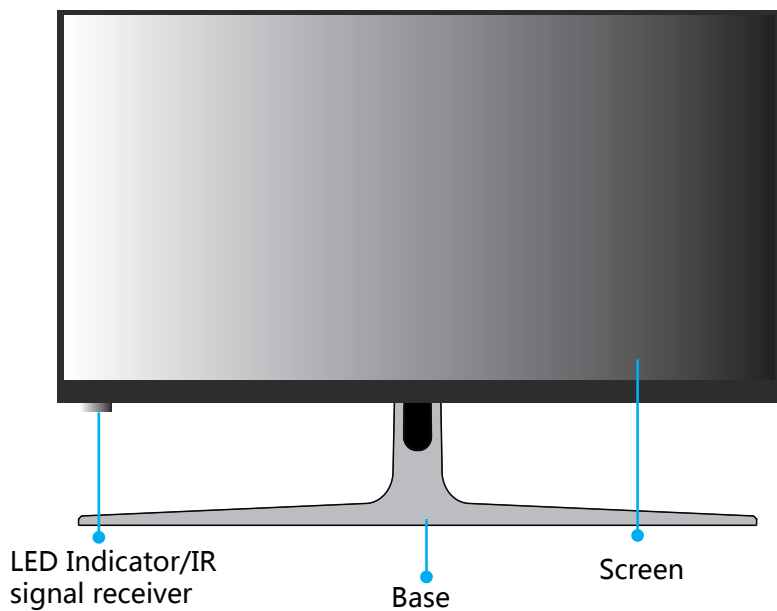
5. Make sure the stand and base are firmly attached.
6. Make sure both monitor and computer are unplugged.
7. Plug power cord and signal cable (HDMI or DP) to the monitor.
8. Plug the computer and monitor power cord to the power supply.
9. Turn on the monitor and computer.

NOTE / CAUTION

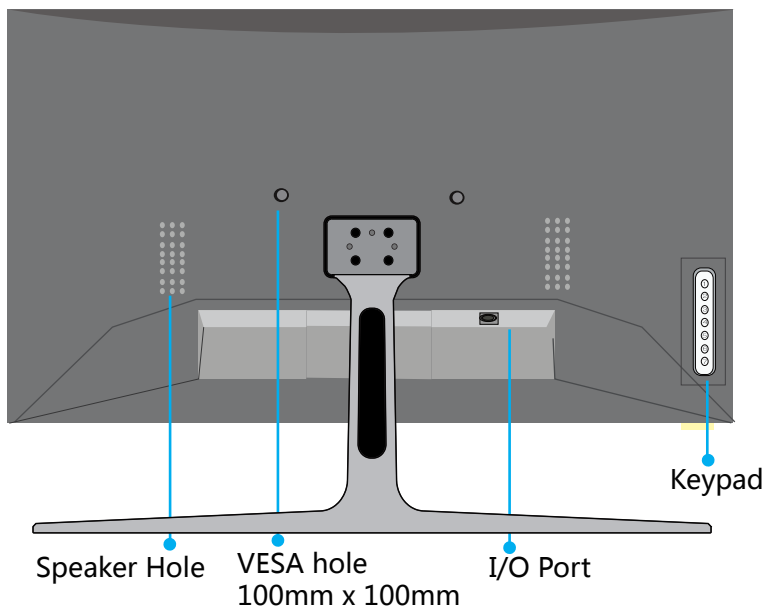
After turning on computer and monitor if no image is displaying make sure you have chosen the right signal cable.
Please make sure to earth the power cord.

The Main Parts and Terminals

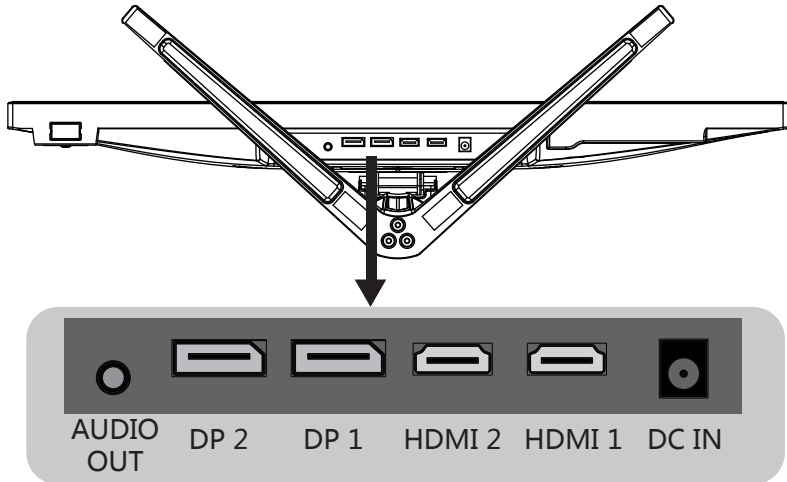
Front



Back



The Main Parts and Terminals



AUDIO OUT : To be use when using HDMI or DP signal to get audio on earphone or speakers.

HDMI : HDMI 2.0 version, maximum resolution 3840 x 2160 @60Hz.

DP : Display Port 1.2 version, maximum resolution 3840x2160@60Hz.

DC IN : 12V Please use only the power DC adaptor and power cord included in Package.

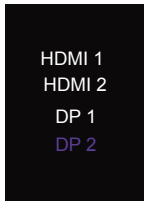
Please refer to the below picture for the definition of the DC port



SETUP

1. If you will be using the desk stand, use a Phillips screwdriver and the four included Screws to attach the Stand Base to the stand.
2. Using the included DisplayPort cable, plug one end into the Display Port input on the monitor, then plug the other end into the Display Port output on your computer.
3. Plug the DC barrel connector on the included AC Power Adapter into the DC IN connector on the monitor.
4. Plug the C13 included AC Power Cord into the AC Power Adapter, then plug the other end into a nearby AC power outlet.

Keypad on the front panel



Select Input Source :

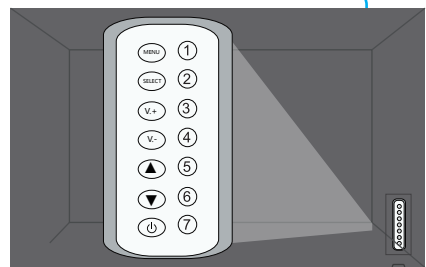
1. Press the "Select" button, the main menu will display on the screen.
2. Press the ▲ and ▼ to select a applicable input source, and press the "V-" button or wait for 3 seconds to perform the selection.

B

OSD Menu



OSD Menu



Keypad

Control Button Functions

MENU : Activates the menu, Selects the highlighted function.

SELECT: Select input source.

V.+ : Increases Volume/Select sub-menu rightward.

V.- : Decrease Volume/Select sub-menu leftward.

▲ : Moves highlight up, select the sub-menu .

▼ : Moves highlight down, select the sub-menu .

⏻ : Turns monitor on/off.

Quick Enter function

▲ : Press to adjust the aspect ratio.

▼ : Press to display the Cross hair target .



OSD MENU MAP

Main Menu Item	Sub Menu Item	Option	Function
BRIGHTNESS	BRIGHTNESS	0 ~ 100	Level can be adjusted from 0 to 100
	CONTRAST	0 ~ 100	Level can be adjusted from 0 to 100
	PICTURE MODE	STANDARD	Choose the picture mode: For videos games there is three mode: GAME / FPS / RTS to choose according to your use.
		GAME	
		MOVIE	
		TEXT	
		FPS	
		RTS	
	DCR	OFF ON	Dynamic contrast ratio (to add more contrast).
	SHARPNESS	0 ~ 4	Level can be adjusted from 0 to 4
IMAGE	H.POSITION	0 ~ 100	Not available
	V.POSITION	0 ~ 100	Not available
	CLOCK	0 ~ 100	Not available
	PHASE	0 ~ 100	Not available
	ASPECT	WIDE 4 : 3	Choose aspect ratio
COLOR TEMP.	COLOR TEMP.	COOL	Choose color temperature. When selectiong USER you can adjust each level of RED, GREEN, BLUE.
		WARM	
		USER	
	RED	0 ~ 100	Level can be adjusted from 0 to 100
	GREEN	0 ~ 100	Level can be adjusted from 0 to 100
	BLUE	0 ~ 100	Level can be adjusted from 0 to 100
OSD SETTINGS	LANGUAGE	English etc...	Choose the OSD menu language
	OSD H.POS.	0 ~ 100	Level can be adjusted from 0 to 100
	OSD V.POS.	0 ~ 100	Level can be adjusted from 0 to 100
	OSD TIME	0 ~ 60	Time can be adjusted from 5 sec to 60 sec.
	TRANSPARENCY	0 ~ 100	Level can be adjusted from 0 to 100
RESET	COLOR AUTO. ADJUST		NA
	IMAGE AUTO. ADJUST		NA
	RESET		Reset all settings to or original factory settings.
	AUTO POWER DOWN	ON	Monitor power will turn off when no signal.
		OFF	
	HDR	OFF	Set up the HDR function
		AUTO	
		2084	

OSD MENU MAP

Main Menu Item	Sub Menu Item	Option	Function
MISC.	SIGNAL SOURCE	HDMI 1	Select signal source.
		HDMI 2	
		DP 1	
		DP 2	
	LOW BLUE LIGHT	0/25/50/75/100	
	VOLUME	0 ~ 100	Level can be adjusted from 0 to 100.
	FREESYNC	ON	Set up Freesync function ON/OFF (to be set to OFF when using non-AMD card).
		OFF	
	OD	ON	Set the overdrive ON or OFF. Setting it ON will response time faster.
		OFF	

About FreeSync

Make sure your graphic card supports FreeSync (AMD only but not all AMD graphic card does).

In case your graphic card isn't setting FreeSync function OFF in monitor OSD menus to avoid problems.

About HDR

Before using this feature, please make sure the input signal source are HDR function of stream in the future.

Remote Control



Turn on/off the monitor



Select the input source



Switch the sound on or off



Select the picture aspect ratio



Up select the channel



Down select the channel/ Quick enter for the Cross hair target



Decrease the volume/



Increase the volume/



Display the source



To enter the OSD main menu



To exit from the menu



Quick enter for low blue mode





Quick enter for ECO mode



Quick enter for sleep mode

LED Indicator

Status	LED light color	
Working Status	Green or blue	
Standby	Orange or Red	
Power off	No color	

Product specification

Model	27771
Screen Diagonal	684.7mm (27")
Active Area	630.0(H)x368.2(V)
Response Time	8ms(GTG)
Viewing Angle	178°(H)/178°(V)
White Luminance	350cd/m ²
Contrast Ration(Center of screen)	1000:1
Dynamic Contrast Ratio	500000:1
Support Color	1.07G
Pixels H x V	3840 x 2160 @60Hz
Speaker	5W x 2
Standby Power Consumption	≤0.5W
Maximum Power Consumption	48 watts
Adapter	12V/4A
Outer Box Dimension	740x150x520mm
Dimensions	25.2" x 14.8" x 1.8" (640 x 375 x 45 mm)
Net Weight	5.5KG
Gross Weight	7.5KG

COMPATIBLE VIDEO RESOLUTIONS

Video Standard	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
VGA	720x400	31.47	60.0
		31.47	60.0
	640x480	37.5	75.0
		37.861	72.8
SVGA	800x600	37.879	60.0
		48.077	72.2
		46.875	75.0
XVGA	1024x768	48.363	60.0
		56.476	70.0
		60.02	75.0
SXVGA	1280x1024	63.981	60.0
		79.976	75.0
WXGA	1360x768	47.7	60.0
WXGA+	1440x900	55.469	60.0
	1600x900	55.906	60.0
WSXGA+	1680x1050	64.7	60.0
WQHD	2560x1440	88.7	60.0
4K 2k	3840x2160	135	60.0

Troubleshooting

Issues	Possible Solution
LED light is not working	Check that the power cord is connected properly.
Plug and play disabled	<ul style="list-style-type: none"> - Please make sure that the power cord is plugged on properly. - Please make sure that the signal cable is firmly connected to the PC or the video sources. - If the power is on, reboot the monitor to see the initial screen, which can be seen. Boot the computer in the applicable mode(the safe mode for Windows ME/XP/2000) and then change the frequency of the video card. <p>Note: If the initial screen does not appear, contact a service center a local dealer.</p> <ul style="list-style-type: none"> - If you can see the message "video mode not supported" , it means that the signal from the video card exceeds the maximum resolution and frequency that the monitor can properly handle. <p>Adjust the maximum resolution and frequency that the monitor can properly handle.</p>
Blurred and Ghosting picture	<ul style="list-style-type: none"> - Please do not use extension cable or switch box. Please connect the monitor direct to the VGA port on the computer. - Check the picture contrast and brightness settings.
The picture is flicking, blinking or there are waves on the screen.	<ul style="list-style-type: none"> - Try to identify the electrical appliance that is affecting the set and move it further way. - Use the maximum refresh rate of your monitor under the current resolution.