Gearlab®



GLB225001 User Manual

1. Safety Precautions

WARNING: Safety Instructions

Do not place the monitor in rain, humid environment or open the monitor case to avoid any shock, electrical hazards, and/or mechanical hazards.

Operation

- Keep the monitor out of direct sunlight and away from stoves or any other heat source.
- Keep the monitor out of water source
- Remove any object that could fall into ventilation holes or prevent proper cooling of the monitor's electronics.
- Do not block the ventilation holes.
- Do not knock or drop the monitor during operation or transportation.

2. Maintenance Guidelines

CAUTION

Before cleaning the monitor, unplug the monitor power cable from the electrical outlet.

Caring for Your Monitor

- To clean your screen, slightly dampen a soft, clean cloth with water. If possible, use a special screen-cleaning tissue or solution. Do not use benzene, thinner, ammonia, abrasive cleaners, or compressed air.
- Use a slightly dampened, warm cloth to clean the frame. Avoid using detergent of any kind as some detergents might leave a milky film on the plastics.
- Unplug the monitor if you are not going to use it for an extended period of time.
- To avoid the risk of shock or permanent damage to the set, do not expose the monitor to dust, rain, water, or excessive moisture environment. If your monitor gets wet, wipe it with dry cloth as soon as possible.



The terms HDMI and HDMI High Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

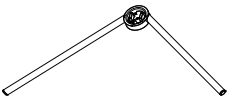
3. Box Contents



Monitor x 1



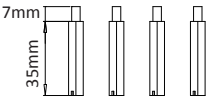
Stand Stem x 1



Stand Base x 1



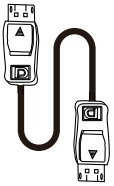
Screw x3
(for Stand Installation)



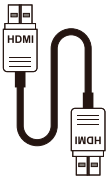
Screws x4
(for Wall Mounting)



Power Cable x2 (UK+EU)
(AC 100-240V , 50/60Hz)



DP Cable x1



HDMI Cable x1

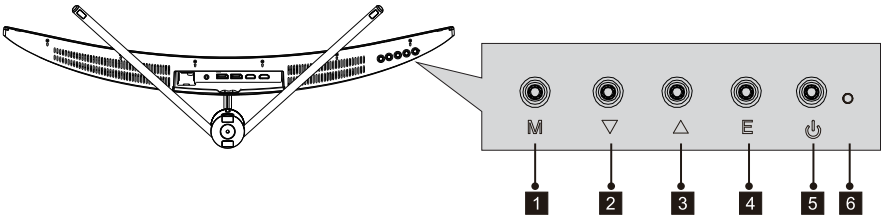


User Manual x 1

Extra screws may be included as backup.

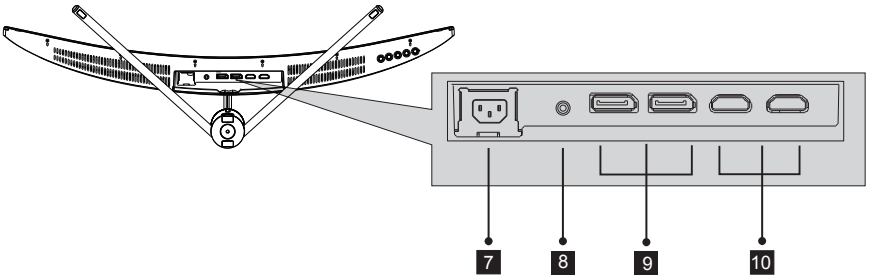
4. Product Overview

4.1 –Monitor Buttons



1 **M Menu Button**: Press to display the OSD menu or enter sub-menus.
2 **▼ Down Button**: Press to move down in the menus.
3 **▲ Up Button**: Press to move up in the menus.
4 **E Exit Button**: Press to exit.
5 **⏻ Power Button**: Press to turn the monitor on/off.
6 **LED Indicator**: Changes colors to indicate status.

4.2 – Monitor Ports



7 **Power Connector**: Insert the power cable to supply power to the monitor.

8 **Audio Output** : Insert one end of the Audio cable into the computer's Audio output to receive the Audio signals from your monitor.

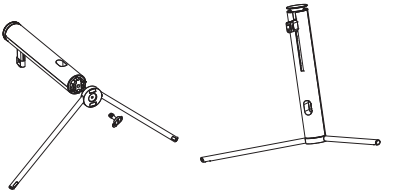
9 **DP Connector** : Insert one end of the DP cable into the computer's DP output and connect the other end to the monitor's DP port.

10 **HDMI Connectors** : Insert one end of the HDMI cable into the computer's HDMI output and connect the other end to the monitor's HDMI port.

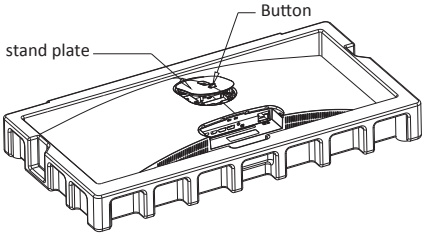
5. Stand Installation

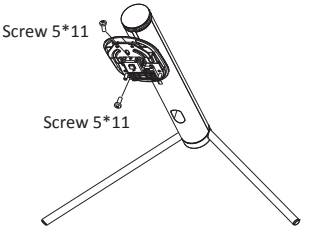
Keep the foam underneath the monitor before attaching the stand.

1. Open the package and take out the product with foam still attached. Gently place it on a desktop or table.
2. Take out the upper polyfoam and the inner package bag,lower polyfoam place on a desktop or table,keep the lower foam underneath the monitor.
3. See picture,fasten the stand stem and base with a screw.

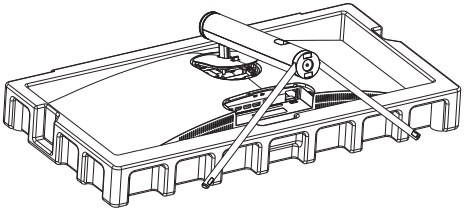


4. Press the button to remove the stand plate , Fix the stand plate into the stand stem with the screw 5*11mm.





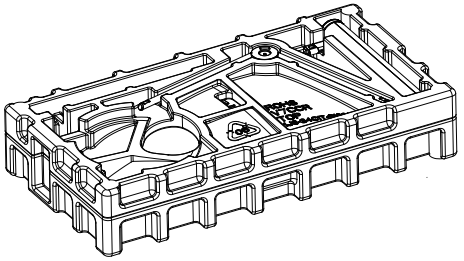
5. Fix the whole assembled stand into the monitor,and check carefully to make sure it is fasten.



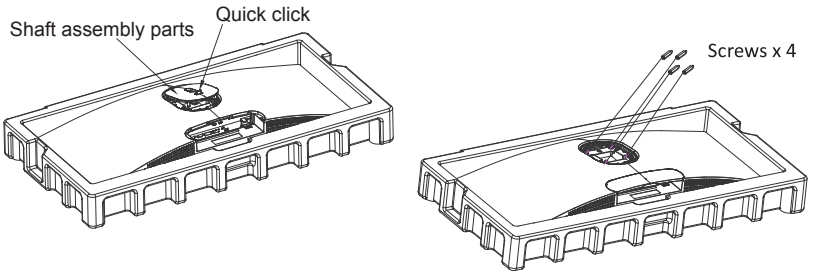
6. Hold on the stand stem and stand the monitor up on a flat,level desktop or table.
Note: Don't touch the screen during stand it up,to avoid screen broken.

6. Mount Installation

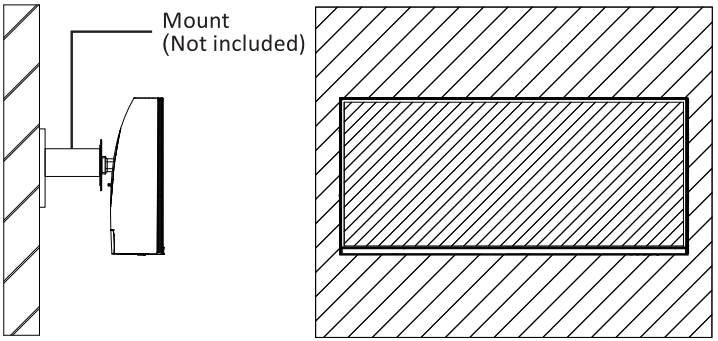
1. Open the package and take out the product with foam still attached. Gently place it on a desktop or table. Remove the extra parts and the foam covering the monitor. If the monitor is already attached to the stand, remove the stand.



2. Press the button to remove the adapter on back of monitor, then tighten the included four screws onto the mounting holes on back of monitor.



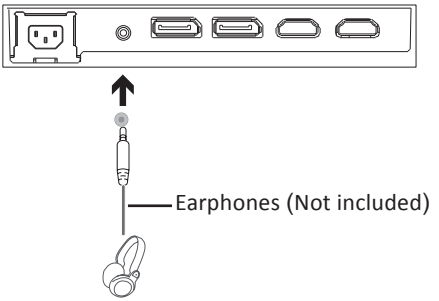
3. Install the monitor on the wall, mount, or fixture as desired.



7. Connectivity Options

7.1 – Connecting Your Earphones

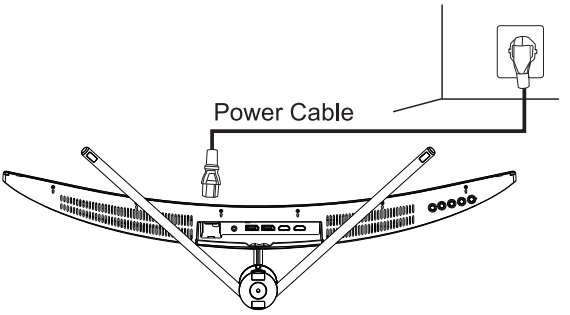
Plug in your earphones to receive audio signals from your monitor. If your earphones are connected to the monitor and audio devices are connected to your computer at the same time, the audio devices will not produce sound. Earphones and other audio devices not included.



Listening to loud audio for prolonged periods of time may permanently damage your hearing.

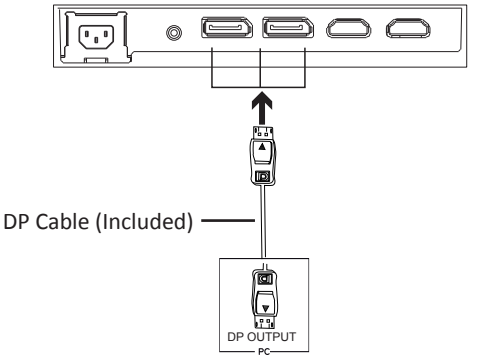
7.2 – Connecting the Power Cable

Connect the included power cable to the power connector, and then plug the other end into an wall outlet.



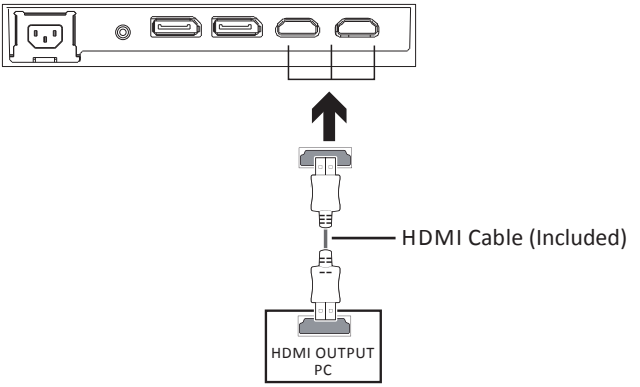
7.3 – DP Connectivity

In order for the monitor to receive DP signals from the computer, use the DP cable to connect the monitor to the computer.



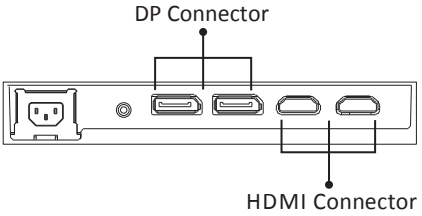
7.4 – HDMI Connectivity

In order for the monitor to receive HDMI signals from the computer, use the HDMI cable to connect the monitor to the computer.



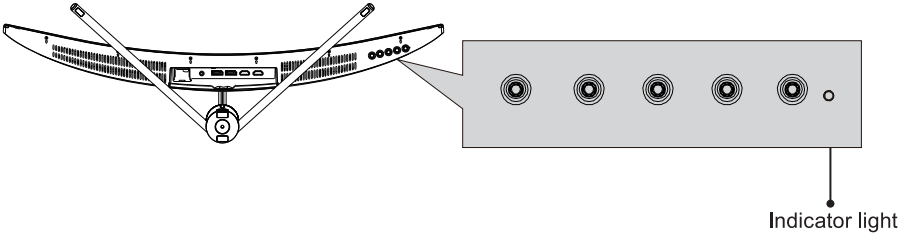
8. Basic Operation

1. Insert one end of the DP cable into your PC's graphics card. A HDMI cable may also be used.
2. Connect the other end of the cable to the corresponding connector on your monitor.



3. Connect the power cable to your monitor then connect the other end to your power source. It is recommended that you use a surge protector with adequate voltage if a wall outlet cannot be reached directly.
4. Locate the power button on the monitor and press it to turn the monitor on.

9. Indicator Light



Solid blue light indicates power is on and the monitor is operating normally. Flashing blue light indicates no video source , no horizontal or vertical signal has been detected . Please ensure your computer is on and all video cables are fully inserted and/or connected.

10. OSD

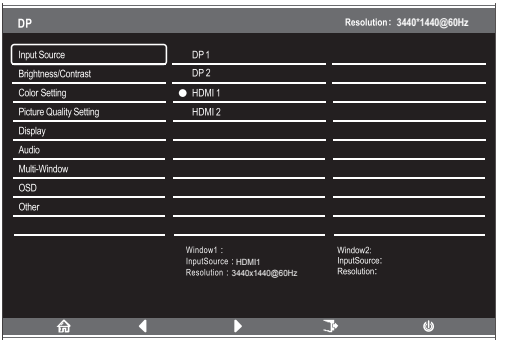
The On-Screen Display (OSD) Menu may be used to adjust your monitor's settings and appears on screen after turning on the monitor and pressing the **M** button.

When using the monitor for the first time, settings will automatically adjust to optimal settings according to your computer's configuration and parts etc.

1. Press any one of the buttons (**M**, ▼, ▲, E, ⏻) to activate the navigation window.



2. Press **M** ⌂ to enter the OSD menu.



3. Press ▼ or▲ to browse functions.
- Highlight the desired function, then press **M** to enter the sub-menu.
- Press▼ or▲ to browse sub-menus, then press **M** to highlight the desired function.
- Press▼ or▲ to highlight an option, then press **M** to confirm the settings and exit the current screen.

4. Press **E** to exit the current screen.

10.1 – OSD Menu Functions

Main Menu	Sub-Menu	Options	Description
Input Source	HDMI 1 (2.0); HDMI 2 (2.0);	NONE	Selects the primary video source
	DP1 (1.4); DP2 (1.4);	NONE	Switch to DP signal input
Brightness/ Contrast	Brightness	0~100	Adjust display brightness
	Blacklevel	0~100	Adjust display Blacklevel
	Contrast	0~100	Adjust display contrast
	DCR	On	Turn on DCR function
		Off	Turn off DCR function
Color Setting	Gamma	Gamma 1.8	Set Gamma add-in
		Gamma 2.0	
		Gamma 2.2	
		Gamma 2.4	
		Gamma 2.6	
	Picture Mode	Standard, Photo, Movie, Game, FPS, RTS	Set visual mode according to activity
	Color Temperature	Warm, Cool, User	Select color temperature
	Low Blue Light	0~100	Set blue light filtering level
	Hue	0~100	Adjust hue levels
	Saturation	0~100	Adjust saturation levels
Picture Quality Setting	Sharpness	0~100	Set display sharpness
	Response Time	Off, High, Middle, Low	Turn the response time of the monitor
	Noise Reduction	Off, High, Middle, Low	Reduce the interference of image noise caused by signal source interference
	Super Resolution	Off, High, Middle, Low	Improve the spatial resolution of the image
	Dynamic Luminous Control	On, Off	Compensate for gray scale display screen and strengthen the expression of gray scale
Display	Aspect Ratio	Wide Screen, 4:3, 1:1, Auto	Select on-screen aspect ratio
	LedMode	Flicker, Normal, Off	Choose a type of lighting for the rear LEDs

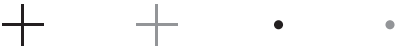
Main Menu	Sub-Menu	Options	Description
Audio	Mute	On, Off	Turn mute mode on/off
	Volume	0-100	Adjust audio volume
	Audio Source	DP1, DP2 HDMI 1, HDMI 2,	Select audio signal input via HDMI or DP
Multi-Window	Multi-Window	Off, PIP Mode, PBP 2Win	Select PIP/PBP modes according to the number of input signals etc.
	Sub Win2 Input	DP1, DP2 HDMI 1, HDMI 2,	Select according to input signal for PIP/PBP mode
	PIP Size	Small, Medium, Large	Adjust the PIP/PBP window size
	PIP Position	Top Right, Top Left, Bottom Right, Bottom Left	Adjust the PIP/PBP window position
	Swap	NONE	Swap the PIP/PBP signal sources
OSD	Language	English, 简体中文, 한국어 ,Русский, Español, 日本語, Français	Set OSD language
	OSD H-Position	0-100	Adjust the OSD's horizontal position
	OSD V-Position	0-100	Adjust the OSD's vertical position
	OSD Transparency	0-100	Set the OSD's overall transparency
	OSD Time Out	5-100	Set how long the OSD remains open after non-use
	OSD Rotation	Normal, 90, 180, 270	Rotates the orientation of the OSD menu
Other	DP Version	DP 1.1; DP 1.2; DP 1.4	Sets the DisplayPort® version
	FreeSync (Adaptive Sync)	On, Off	Turn the FreeSync function on/off
	HDR	On, Off	Turn the HDR function on/off
	Reset	None	Reset monitor configurations

11: ECO Modes and Gameplus Switching

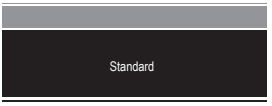
1. Press any one of the buttons (**M**, ▼, ▲, E, ⏻) to activate the navigation window.



2. Press ▼ button to switch Gameplus modes. According to the needs of your game, choose the corresponding game icon. These game icons are primarily designed to optimize your aim during shooting games, though they can be used for other scenarios.



3. Press ▲ button to switch ECO modes. These modes include Standard, Text, Movie, Game, FPS, and RTS and can be used to optimize settings according to your activity. Standard mode is suitable for most activities.



12. Technical Specifications

Model	GLB225001
Screen Size	34"
Aspect Ratio	21 : 9
Backlight	E-LED
Brightness	350(±30)cd/m²
Panel	VA
Resolution	DP: 3440x1440@144Hz HDMI: 3440x1440@100Hz
Refresh Rate	144 Hz
Viewing Angle	⩾178°(H) / ⩾178°(V)
Contrast Ratio	3000:1
VESA Mounting	75 x 75
Colours	16.7m
AMD FreeSync	Yes
Signal Input	DP 1.4 x 2, HDMI 2.0 x 2
Audio	
Speakers	No
Audio Out	Yes
Accessories	
Power Cable	Yes
HDMI Cable	Yes
DP Cable	Yes
Additional Functions	
Low Blue Light	Yes
Flicker Free	Yes
OSD Language	English, 简体中文, 한국어 ,Русский, Español 日本語 Français

Gearlab®

物料号码	902-34CHR-XXXXX		
厂内型号	34CHR	厂外型号	GLB225001
物料名称	说明书	品　牌	Gearlab
协力厂商		日　期	2020-08-31
规　格	140*210mm		
要　求	120g铜板纸 单色印 骑马钉		
版　本	V01	设　计	liumeihong
确　认		核　准	

备注：如不够页数，可以在封面封底的内面插入空白页