USER MANUAL

27" 1440P 165Hz Frameless Gaming Monitor · EM3FGAB27BS

Table of Contents

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Element monitor User Manual

Opening the Package

The Element monitor display is packaged in a carton. The size and weight of the product might be too heavy for 1 person to handle. In the event of that happening; it is recommended that the display package must be handled by a minimum of 2 or more persons. Since the glass can be easily scratched or broken, please handle the product gently. Never place the unit on a surface with the glass facing downwards unless it is on protective padding. When opening the carton, check that the product is in good condition and that all standard accessories and items are included. Save the original box and all packing materials for future shipping needs.
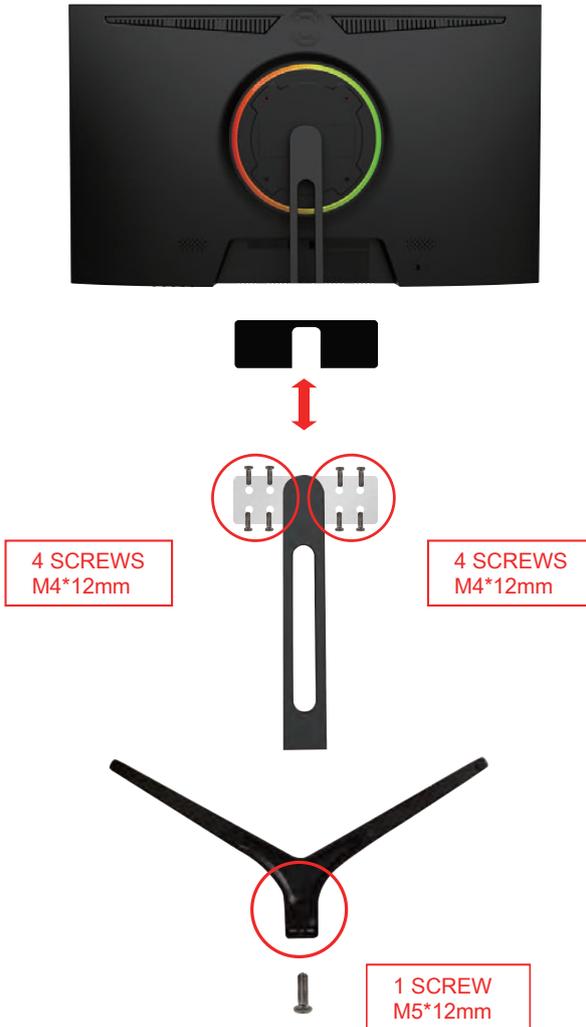
Package Contents

Element Monitor x 1
Monitor Base x1
Monitor Neck x 1
Monitor Base Screw x 1 (M5x12mm)
Monitor Neck Screw x 8(M4x12mm)
HDMI Cable x 1
DP Cable x 1
Hinge Cover x 1
AC Adapter x 1
User Manual x 1
Warranty card x 1

Installation

Please read the user manual carefully before performing the installation. When an extension cord is required, use one with the correct power rating. Use only the Element provided power cable or AC adapter approved for use with this device. The product should be installed on a flat surface to avoid tipping. Space should be maintained between the back of the product and the wall for proper ventilation. Avoid installing the product in the kitchen, bathroom or other places with high humidity dust or smoke, so as not to shorten the service life of the electronic components. Please ensure the product is installed with the screen in landscape orientation. Any 90° clockwise or counterclockwise installation may induce poor ventilation and successive component damage.

Installing the Monitor Stand Assembly

1. With the packing foam still on, lay the monitor screen facing down on a table and open the top half of the packing foam. Install the neck to the base and insert the 1 base screw from the bottom. Install the assembled stand to the back of the monitor by screwing in 8pcs M4*12mm neck screws into the 4 outermost screw holes on both the left and right side. Tighten the screws to secure the base.

4 SCREWS
M4*12mm

4 SCREWS
M4*12mm

1 SCREW
M5*12mm

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Element monitor User Manual

2. Install the hinge cover to the back of the neck.

3 To finalize your installation of the monitor, please read the following:

   a. If you are placing the display on a stand, we would recommend you to use a display safety strap (not included) in order to minimize the possibility of the display toppling over.

   b. Securely install all screws and connections.

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Removing the Stand for Wall Mounting

1.   The mounting pattern is 100mm x 100mm using M4 x 10mm screws.

2.   The installation height of wall mounting should be less than 2m.

Identifying Front and Rear Panel
Front View

Indicator Light –the light is blue when the monitor is turned on. The light is off when the monitor is turned off. The light is red when there is no signal given to the monitor.

Panel Tilt Adjustment

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° ~ 15°.**

Please Note:
- When adjust the angle of the monitor, be sure not to touch or press the LCD screen.

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Rear View with Buttons

Buttons from right to left

1.   M – This button activates the On Screen Display (OSD). While the OSD is active, this button will act as the select button to open up an option for adjustment.

2.   ━ – With no OSD, this button increases the volume of the monitor's speakers. With the OSD turned on, this button moves the selection upwards. This button will also increase the value of an adjustment while an option is open.

3.   ＋ – With no OSD, this button decreases the volume of the monitor's speakers. With the OSD turned on, this button moves the selection downwards. This button will also decrease the value of an adjustment while an option is open.

4.   E – When the OSD is active, this button acts as the EXIT button and exits out of the option or OSD. This button switches between all the different inputs of the monitor.

5.   ⏻ – This button turns the monitor on or off.

Rear View with Connections

1. **DC** – This connection is for electricity supplied from the included power adapter.

2. **USB** – It is more convenient to connect USB phone to charge

3. **HDMI2** – HDMI(1.4) stands for High Definition Multimedia Interface.This connection is for computers with HDMI video output.

4. **HDMI1** – HDMI(2.0) stands for High Definition Multimedia Interface.This connection is for computers with HDMI video output.

5. **DP** – DP Display port is a digital video connection for connection to computers with display port video output.

6. **Audio out** – Audio interface for easy access to audio equipment.

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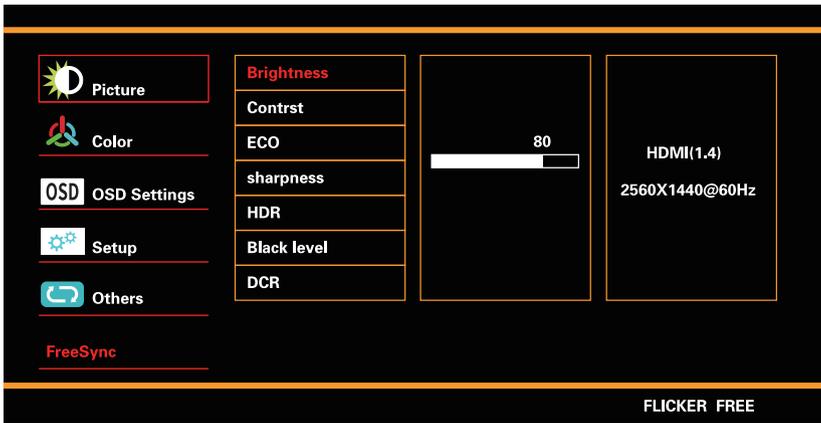Element monitor User Manual

Connections
Connect signal cables to your video card before you use your monitor…

1. Make sure the power of the LED MONITOR is turned off.
2. Obtain a HDMI or DP cable and connect one end to the back of the monitor and the other end to the back of the computer.
3. Turn on the power of both the LED MONITOR and the computer.

On Screen Display (OSD) Menu

Picture	**Brightness**		
Color	Contrst		
OSD Settings	ECO	80	HDMI(1.4)
Setup	sharpness		2560X1440@60Hz
Others	HDR		
FreeSync	Black level		
	DCR		
			FLICKER FREE

Brightness: This option will adjust your monitors brightness.
Use the up and down buttons to increase or decrease
brightness setting.

Contrast: This option will adjust the amount of difference between
white values and black values. Use the up and down
buttons to increase or decrease contrast setting.

ECO: This option will allow to choice Standard/Game/Movie/Internet mode.

sharpness: Select weak, medium, strong, or stronger options

HDR: Activate HDR.

DCR: This option turns on or off the dynamic contrast option of the monitor.Dynamic Contrast
automatically adjusts the contrast of the monitor based off the video signal provided.

Picture	**Color Temp**	Warm	
Color	Red	Cool	
OSD Settings	Green	Normal ✓	HDMI(1.4)
Setup	Blue	SRGB	2560X1440@60Hz
Others		User	
FreeSync			
			FLICKER FREE

Color Temp: This selection will change the amounts of red,green,and
Blue present in the image. Warm mode will give more red,
Cool mode will give more blue and User mode will allow
you to make your own adjustments to the red,green and
blue levels.

Menu 1

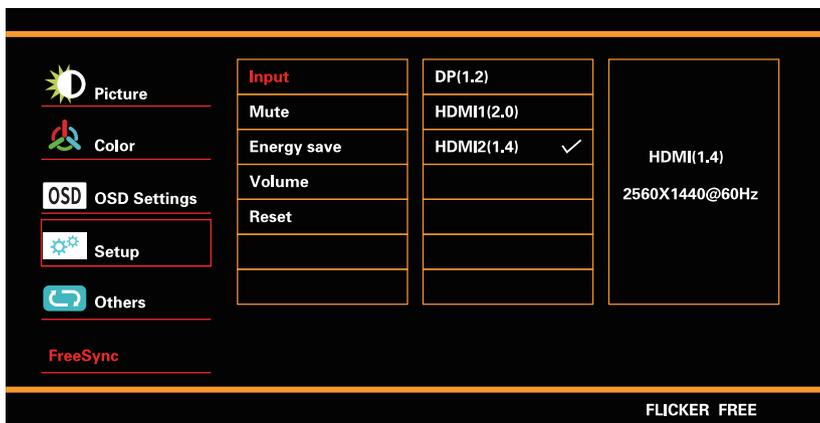|			
Picture	**Language**	**English** ✓	
Color	Horizontal	Español	
OSD Settings	Vertical	Français	
Setup	Transparency		HDMI(1.4)
Others	OSD Time Out		2560X1440@60Hz
FreeSync			

FLICKER FREE

Language: This selection will allow you to select the language you want the menu to appear in.

Horizontal: Adjust the Horizontal value from 0 to 100.

Vertical: Adjust the Vertical value from 0 to 100.

Transparency: Adjust the Transparency value from 0 to 100.

OSD Time OuT: The exit time of the OSD menu on the screen will be adjusted.

Menu 2

Picture	**Input**	**DP(1.2)**	
Color	Mute	HDMI1(2.0)	
OSD Settings	Energy save	HDMI2(1.4) ✓	HDMI(1.4)
Setup	Volume		2560X1440@60Hz
Others	Reset		
FreeSync			

FLICKER FREE

Input: Press UP or DOWN to select DP, HDMI source.

Mute: Enable this option to select on or off.

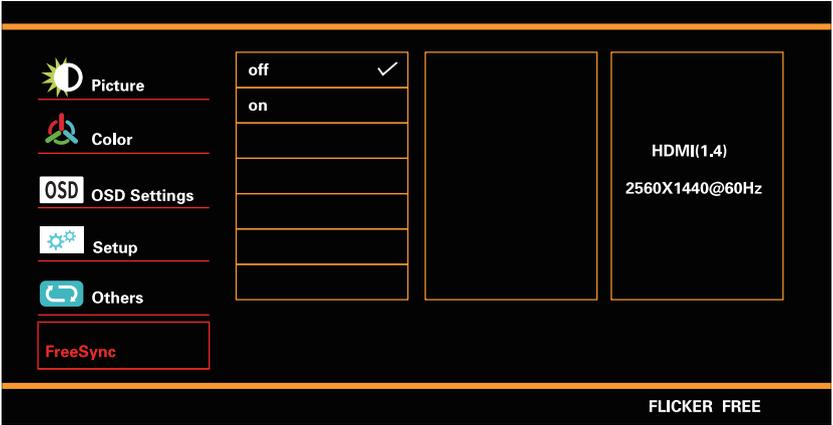**Energy save:** Enter this option to select energy saving on or off.

Volume: Adjust the Volume value from 0 to 100.

Picture	**Display Size**	**Full Screen** ✓	
Color	Low Blue	16:9	
OSD Settings	Over Driver	4:3	HDMI(1.4)
Setup	LED		2560X1440@60Hz
Others			
FreeSync			

FLICKER FREE

Display Size: Change the scale of the full-screen image to, Full Screen,16:9,4:3
Low Blue: Select weak, medium, strong, or stronger options
Over Driver: Enable or disable the response time function.

Picture	off ✓		
Color	on		
OSD Settings			HDMI(1.4)
Setup			2560X1440@60Hz
Others			
FreeSync			

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FreeSync: Choose to turn FreeSync on or off.

Supported DP Resolution

2560x1440	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1920x1080	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1680x1680	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1600x900	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1440x1440	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1440x810	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1280x1024	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1280x960	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1280x720	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
1024 x768	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
800x600	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
720x400	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz
640x480	@59Hz,60Hz,75Hz,120Hz,144Hz,165Hz

Supported HDMI Resolution

RESOLUTION & REFRESH RATE	
2560x1440	@59Hz,60Hz,75Hz,120Hz,144Hz
1920x1080	@59Hz,60Hz,75Hz,120Hz,144Hz
1680x1680	@59Hz,60Hz,75Hz,120Hz,144Hz
1600x900	@59Hz,60Hz,75Hz,120Hz,144Hz
1440x1440	@59Hz,60Hz,75Hz,120Hz,144Hz
1440x810	@59Hz,60Hz,75Hz,120Hz,144Hz
1280x1024	@59Hz,60Hz,75Hz,120Hz,144Hz
1280x960	@59Hz,60Hz,75Hz,120Hz,144Hz
1280x720	@59Hz,60Hz,75Hz,120Hz,144Hz
1024 x768	@59Hz,60Hz,75Hz,120Hz,144Hz
800x600	@59Hz,60Hz,75Hz,120Hz,144Hz
720x400	@59Hz,60Hz,75Hz,120Hz,144Hz
640x480	@59Hz,60Hz,75Hz,120Hz,144Hz

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Element monitor User Manual

Troubleshooting

Problem	Possible solutions
THERE IS NO LED DISPLAY or SCREEN SAYS NO SIGNAL	Make sure you switched to the correct source. Check both sources to see video is on the other source. Check your video cable. It might be corrupt. Swap out the video cable for another one to see if the monitor will work. Check your power plug. See if it is fully plugged in on both the monitor and the wall.
MONITOR SAYS "SIGNAL OUT OF RANGE"	If you have a CRT monitor, please connect the CRT monitor to the computer and change the refresh rate down to 60 Hz via your video card's display settings menu. After the setting of 60 Hz has been changed, you can then use the LED Monitor on the computer. 1. To change the setting go to display settings by right clicking on your desktop with nothing selected. Choose the PROPERTIES option. 2. Click on the SETTINGS tab, verify the resolution is NOT higher than 2560x1440 , and click on the ADVANCED button. 3. Click on the MONITOR tab and change the refresh rate to 165 Hz. 4. Click on OK 2-3 times to finalize your change. If you do NOT have a CRT monitor or it's already broken, please make sure both the LED monitor and your computer is turned off. 1. Turn on the LED monitor and the computer. 2. While the computer is turned on, press the "F8" key on your keyboard continuously until a selection menu appears and select the "Safe Mode" option. 3. When you've entered Safe Mode please uninstall any video card driver and monitor driver by using either the "Add / Remove Programs" icon or going into "System 4. Properties" and manually removing anything under "Monitors" and "Display Adapters". After removing all the drivers, please reboot your computer and you should be able to see windows. Please install your monitor driver first, then your video card driver. Please remember to make sure your refresh rate should be at 165 Hz
I CAN'T OPEN THE OSD	You need to have a valid video signal going through the monitor before you can turn on the OSD.

Problem	Possible solutions
I CANNOT GET THE RESOLUTION 2560x1440	Sometimes your video card will not read the monitor correctly and will not allow you to achieve the resolution you want. Rebooting your computer will solve the situation. You can also make sure your video card's video drivers are up to date. You can find what video card you have by clicking on START then RUN. Type in "DXDIAG". When the diagnostic window pops up, click on the DISPLAY tab. The program will tell you what video chipset you have. Copy that name then search it with an online search engine like GOOGLE™. Find your video card company's web address and search for newer drivers. If updating your drivers does not work, you probably have one of the older video cards and cannot achieve a widescreen resolution. You'll need to upgrade your video card to a newer one.
THE VIDEO IS TOO BRIGHT NO MATTER WHAT I ADJUST	Sometimes having older video cards this type of problem might happen due to newer LEDs having to provide HD video capability and not being fully compatible with older video cards. You can try adjusting the contrast to a lower value and adjust the brightness to compensate.
THE WORDS AND VIDEO ARE TOO BLURRY	Are you using the monitor's native resolution? If not you'll need to switch resolution to the native 2560x1440 at 165 Hz to make the words clearer. If the words are still blurry, please try enabling or disabling CLEAR TYPE function from windows.
THE COLORS ARE NOT CORRECT	Sometimes the colors are not correct because your DVI or DP or HDMI cable is loose or corrupt. Please try reconnecting your cable or swap out your current cable to see if the problem persists.
HOW DO I RESET THE MONITOR	Make sure there is a valid video signal to the monitor and press menu to open the OSD. Look for RESET under the OTHER options.
I CHANGED MY COLOR SETTINGS NOW I CAN'T GET THE FACTORY DEFAULT BACK.	Open the OSD, under OTHER, select RESET to reset all values back to factory default.

Problem	Possible solutions
THE WORDS ARE TOO SMALL AT 2560x1440	At the native resolution of 2560x1440 , some people might feel that the words are too small to read. You can change the size of the words in Windows Operating System via its display properties.

For Windows XP

1. Right click on the background with nothing selected. Left click on the PROPERTIES option.

2. Click on the SETTINGS tab.

3. Under SETTINGS, click on the ADVANCED button.

4. Under GENERAL tab, change the size of the words by selecting the option NORMAL SIZE and change it to LARGE SIZE.

5. Click on OK on all windows to exit.

6. Once you have finished rebooting, the computer is ready for use.

For Windows VISTA or Windows 8 or Windows 10

1. Right click on the Wallpaper. Left click on the PERSONALIZE option.

2. Click on ADJUST FONT SIZE (DPI) option on the left column and

3. Click on CONTINUE.

4. In there you can change the size of the words by changing from the option DEFAULT SCALE to LARGE SCALE.

5. Click on APPLY to finalize your selection.

6. Once you have finished rebooting, the computer is ready for use. |
| I CANNOT GET 165Hz REFRESH RATE ON MY MONITOR | Make sure your video card supports that feature. Also make sure you are using DisplayPort to connect from your computer to your monitor. |

Specification

Display panel	
Active Area / Screen Size	27" (diagonal 27")
Aspect Ratio	Widescreen 16 : 9
Resolution	Native: 2560X1440
Brightness	250 cd/m²
Dynamic Contrast	1,000,000:1 (3,000:1 typical)
Response Time	1ms MPRT
Refresh Rate	165Hz Maximum Refresh Rate
Viewing Angle	Typical 178°/178° Degree (Horizontal/Vertical)
Colors	16.7 million of colors (72% NTSC)
LED Backlight lifetime	≥30,000 hours
Monitor Display	
Dimension	With Stand: 24.2" x17.5" x 8.4" Without Stand: 24.2" x14.3" x 2.4"
Wall Mount Pattern	100mm x 100mm Screw Size M4 x 10mm
Base Screws	M5x10mm (1pcs)
Neck Screw	M4x10mm (8pcs)
Power input	Input: 12VDC 4A
Tilt	-5° ~ 15°
Speaker Specification	YES
Features	
On Screen Display Control (OSD)	Luminance, Image Setup, Color Temp, OSD Setting, Reset, Extra
OSD Language	English (Default), French, Spanish
ECO Mode	Standard, Movie, Game, Internet
Preset Game Mode	YES
Blue Light Elimination	Available
I/O	HDMI x 2, DP x 1, USB x 1, Audio out x 1
Compliance	FCC, cTUVus, CEC, RoHS

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FCC STATEMENT

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.

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