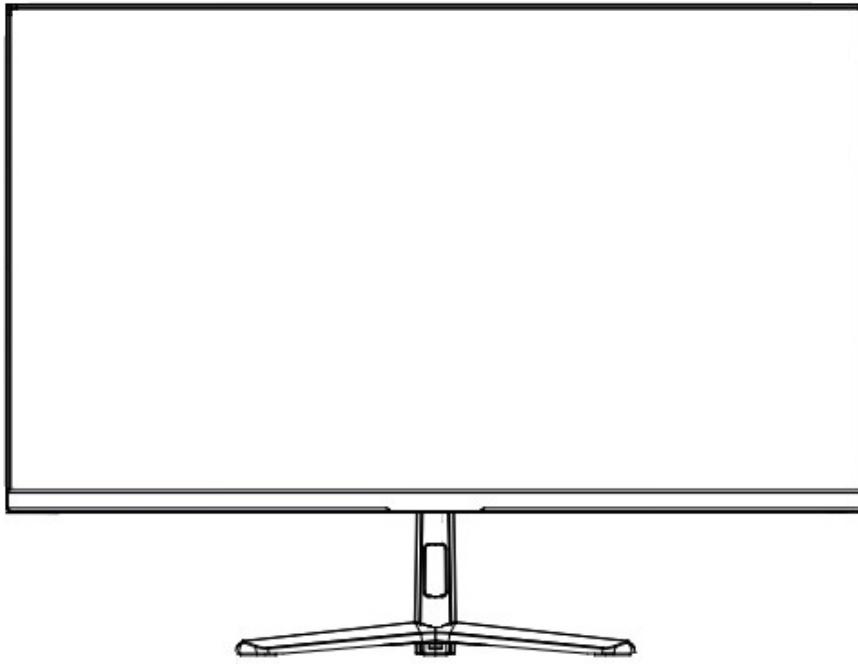


electriQ

User manual



24-INCH IPS Full HD 240Hz Monitor **eiq-24FHD240IPS**

Thank you for choosing electriQ.

Please read the user manual before using this monitor and keep it safe for future reference.

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support@electriQ.co.uk

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**Unit 2A, Trident Business Park, Neptune Way,
Leeds Road, Huddersfield, HD2 1UA**

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SAFETY INFORMATION

- Read these instructions - All the safety and operating instructions should be read before this product is operated.
- Keep these instructions - The safety and operating instructions should be retained for future reference.
- Heed all warnings - All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions - All operating and usage instructions should be followed.
- Do not use this equipment near water or in humid environments - The appliance should not be used near water or moisture, e.g. in a wet basement or near a swimming pool.
- Clean only with a dry cloth. Do not use solvents or petroleum-based fluids.
- Do not block any ventilation openings.
- This monitor is designed for indoor use only.
- Do not install near any heat sources such as radiators, stoves or other apparatus (including amplifiers) that produce heat.
- Do not tamper with the supplied plug. This plug is a BS1363 standard plug.
- Protect the power cord from being walked on or trapped, particularly at the plug and at the point where it exits from the appliance.
- Only use attachments/accessories specified by the manufacturer.
- Use only with a cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart or stand is used, use caution when moving it to avoid any injuries or damage from it tipping over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as if the power supply cord or plug is damaged, liquid has been spilt, objects have fallen into the apparatus, or it has been exposed to rain or moisture; it does not operate normally or has been dropped.
- Please keep the unit in a well-ventilated environment.
- The monitor should only be connected to a mains power supply as rated on the back of the equipment.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on the cable, as this may cause damage.
- When removing from a socket, hold by the plug, not the wires.
- Disconnect the power immediately and seek professional help if the plug or cable is damaged, if liquid has spilt onto the unit if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots, or if the unit does not work normally.
- Do not remove the safety covers. There are no user-serviceable parts inside. Trying to service the unit yourself is dangerous and may invalidate the product's warranty. Only qualified personnel should service this apparatus.
- Do not block the ventilation slots on the monitor. The monitor may be placed in a cabinet or confined space only if there is at least 30 cm (12") clearance above, 7 cm (3") clearance at the

back, and 10 cm (4") clearance on the left, right, and bottom to ensure proper airflow. Never cover the vents or insert any objects into them. Avoid tapping, shaking, or applying pressure to the screen, as this may damage internal components.

- This is a CLASS I product and as such requires an earth connection.
- Never place a monitor in an unstable location. A monitor may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
 - Use cabinets or stands recommended by the manufacturer of the monitor.
 - Only use furniture that can safely support the monitor.
 - Ensure the monitor is not overhanging the edge of the supporting furniture.
 - Do not place the monitor on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the monitor to a suitable support.
 - Do not place the monitor on cloth or other materials that may be located between the monitor and the supporting furniture.
 - Educate children about the dangers of climbing on furniture to reach the monitor or its controls.
- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing, and objects filled with liquids, such as vases, shall not be placed on the apparatus.
- **WARNING:** The wall plug socket is used as a disconnection device and should remain readily accessible.
- Due to our continuous product development, the operation and or features of the product received may vary slightly from the information provided within the manual.
- The availability of features and settings may vary depending on the input source, method of connection as well as the quality and specification of the cables used.
- If your existing monitor is being retained and relocated, the same considerations as above should be applied.

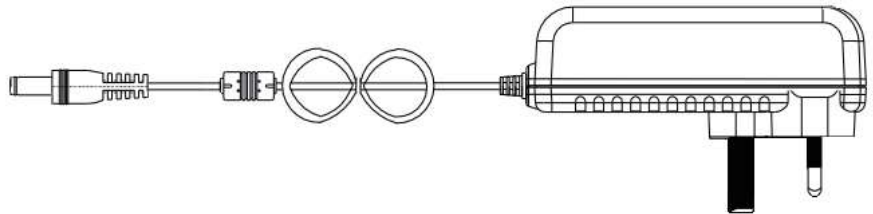
 <p>T FULL VOLUME, PROLONGED LISTENING MAY DAMAGE THE USER’S HEARING.</p>		
 <p>This warning sign is to warn of dangerous voltage inside the product.</p>	 <p>CAUTION: To reduce the risk of electric shock, DO NOT remove the cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.</p>	 <p>This warning sign is to alert you of important instructions accompanying the product.</p>

WHAT'S INCLUDED

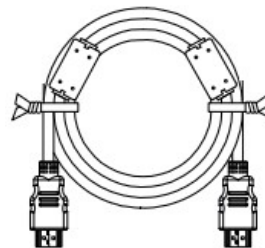
User Manual



Power adaptor



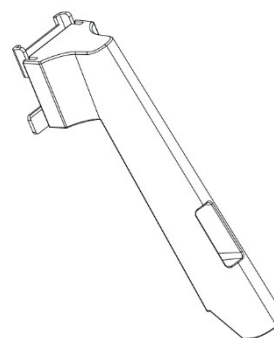
HDMI 2.0



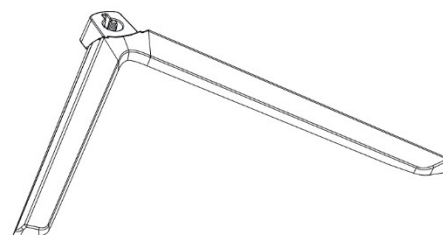
Monitor



Mounting bracket

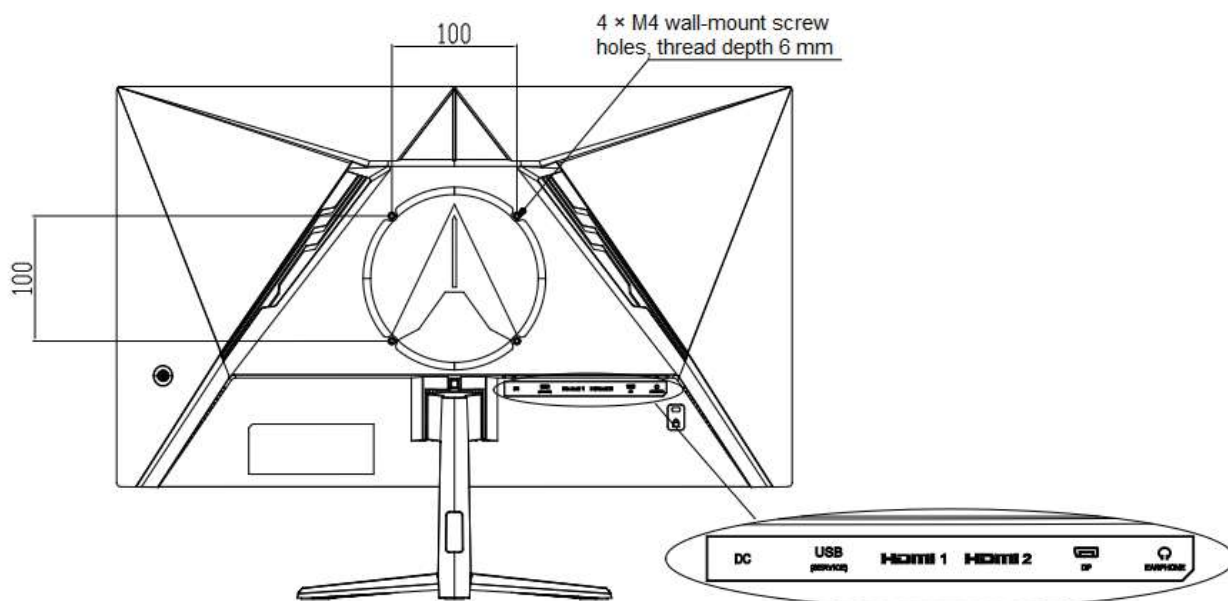
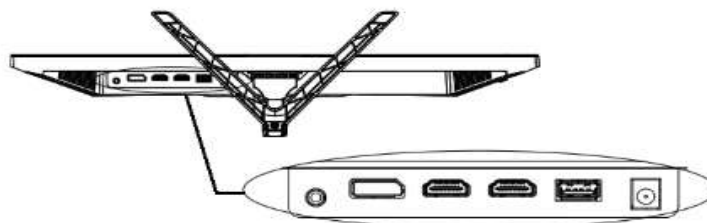
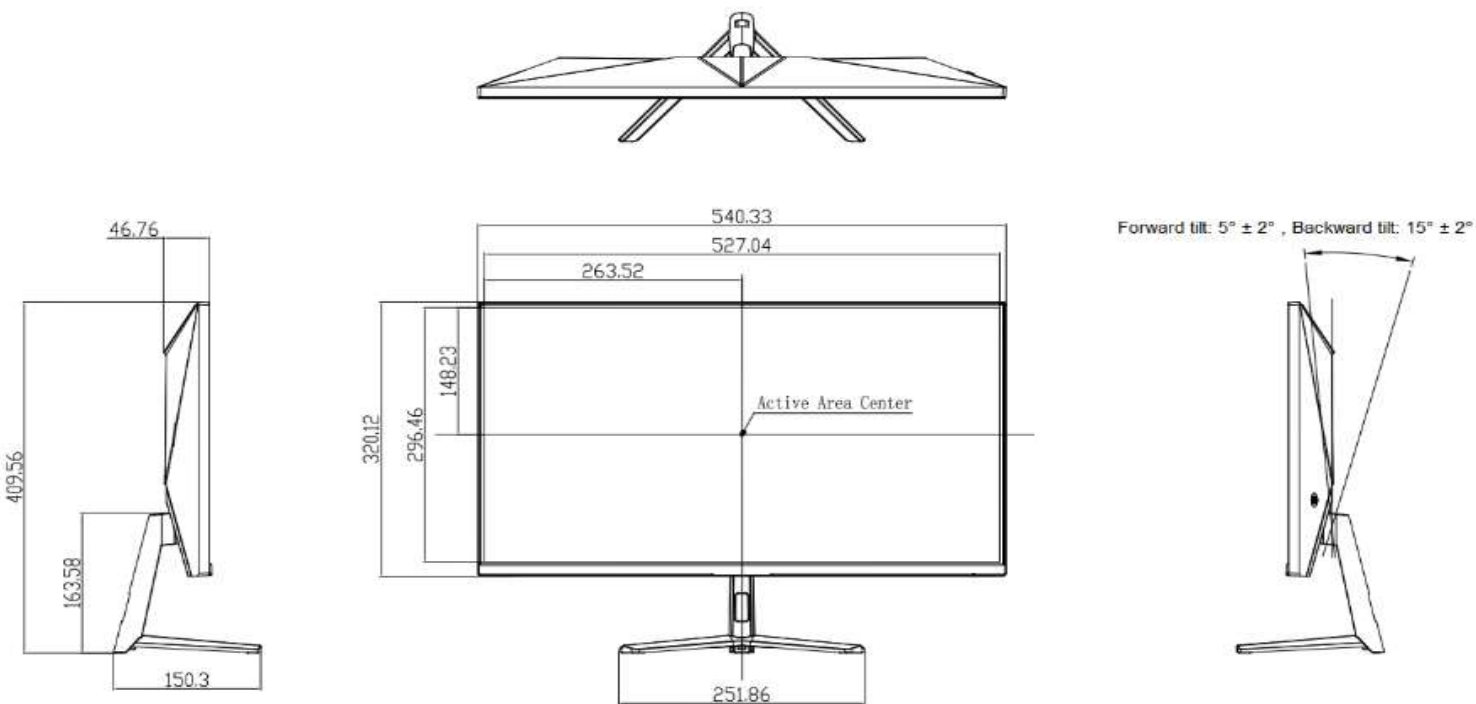


Stand base

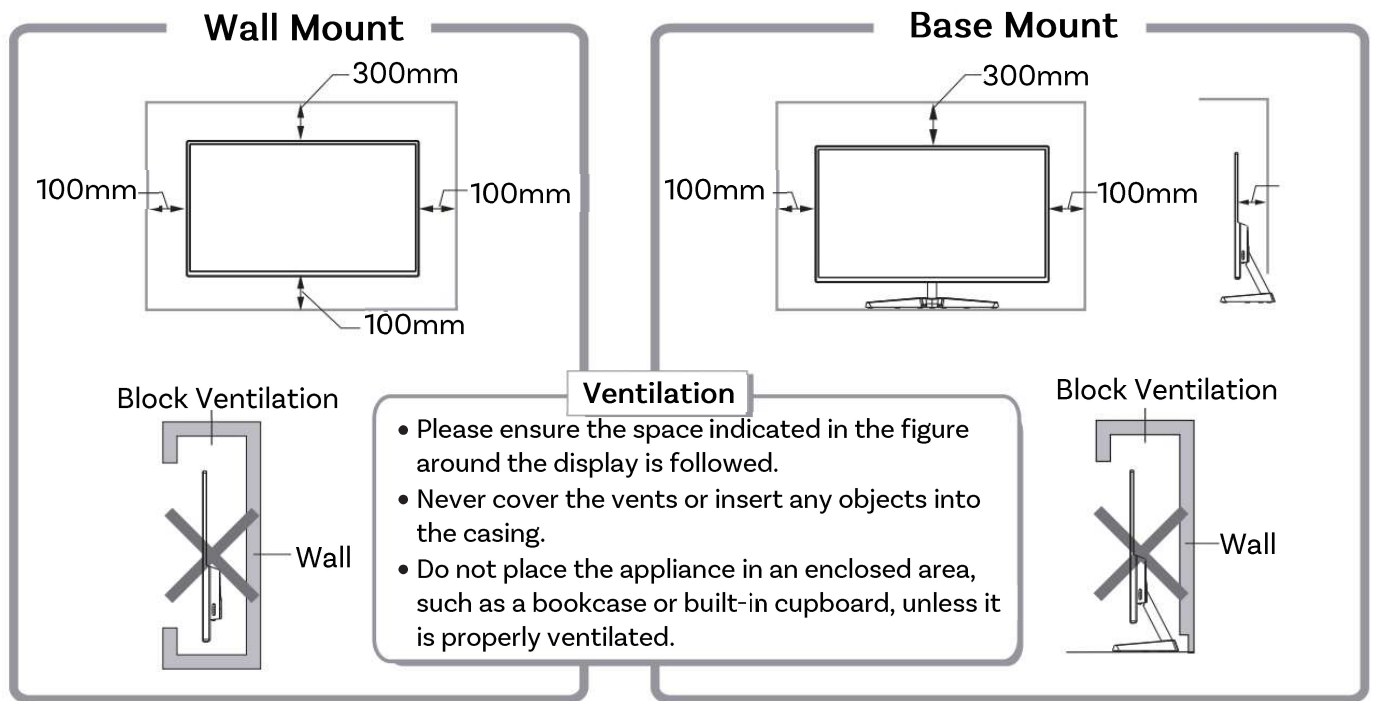


PRODUCT OVERVIEW & DIMENSIONS

NOTE: All images are for illustrative purposes only, as the item is subject to continual improvement. All dimensions are in mm.



PLACEMENT



IMPORTANT:

- For base installation, use only a compatible VESA 100 × 100 mm mount with M4 hardware. Using non-compatible mounts or incorrect screw types may result in instability, damage, or unsafe operation.

CONNECTIONS AVAILABLE ON THE MONITOR



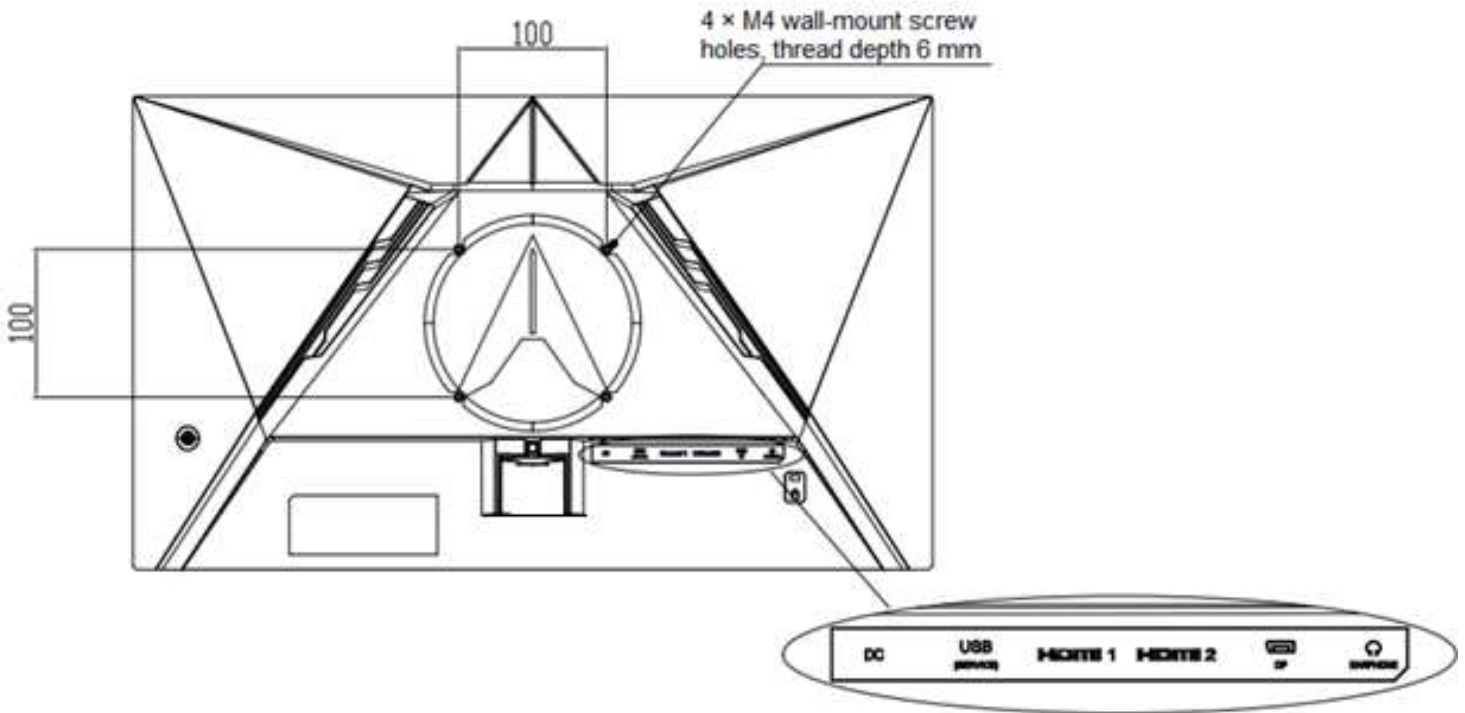
1	Earphone 3.5mm
2	DP 1.4 Max 1920x1080 @240Hz
3	HDMI 1 (2.1 TMDS) Max 1920x1080 @240Hz
4	HDMI 2 (2.1 TMDS) Max 1920x1080 @240Hz
5	USB 2.0 Type A
6	DC 12V/3A

IMPORTANT: All maximum resolutions and refresh rates depend on the maximum capabilities of the cables and connected equipment. You must ensure the connecting equipment can support this.

NOTE: This USB interface only has an upgrade function and cannot be used to connect a mouse or keyboard.

INSTALLATION

WALL MOUNT INSTALLATION

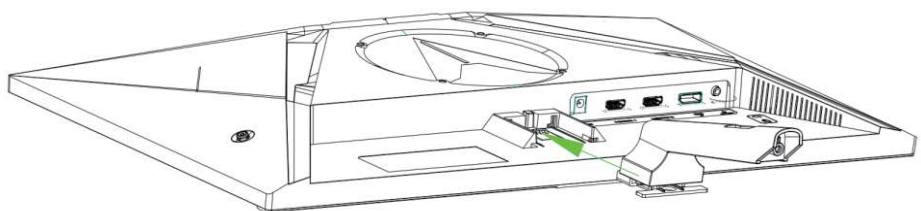


IMPORTANT: A suitable wall-mount bracket should be used, and the installation must be carried out by a qualified professional. Any damage resulting from incorrect or failed installation will not be covered under the warranty.

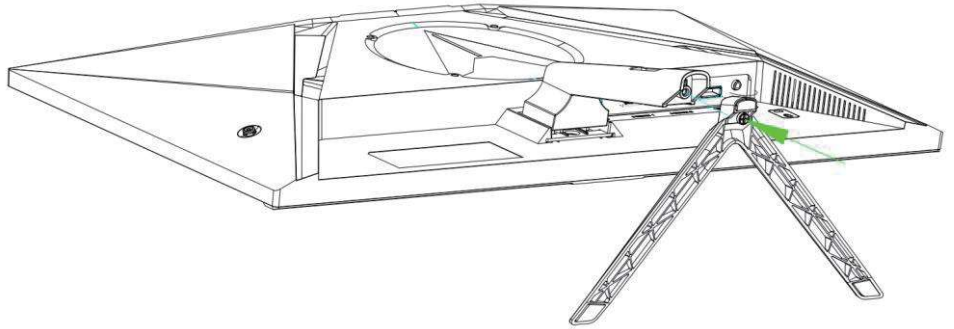
BASE MOUNT INSTALLATION

IMPORTANT: Place the monitor face down on protective material from the original packaging to prevent screen damage.

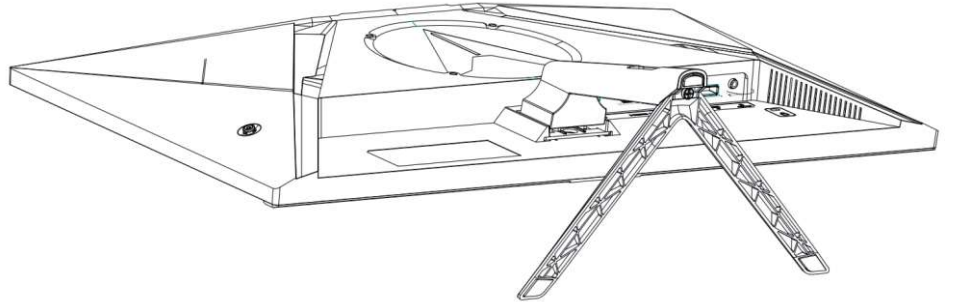
1. Slide the mounting bracket onto the back of the monitor until it clicks into place.



2. Attach the base to the mounting bracket, ensuring the screw hole aligns with the base screw.



3. Tighten the screw at the bottom of the base.

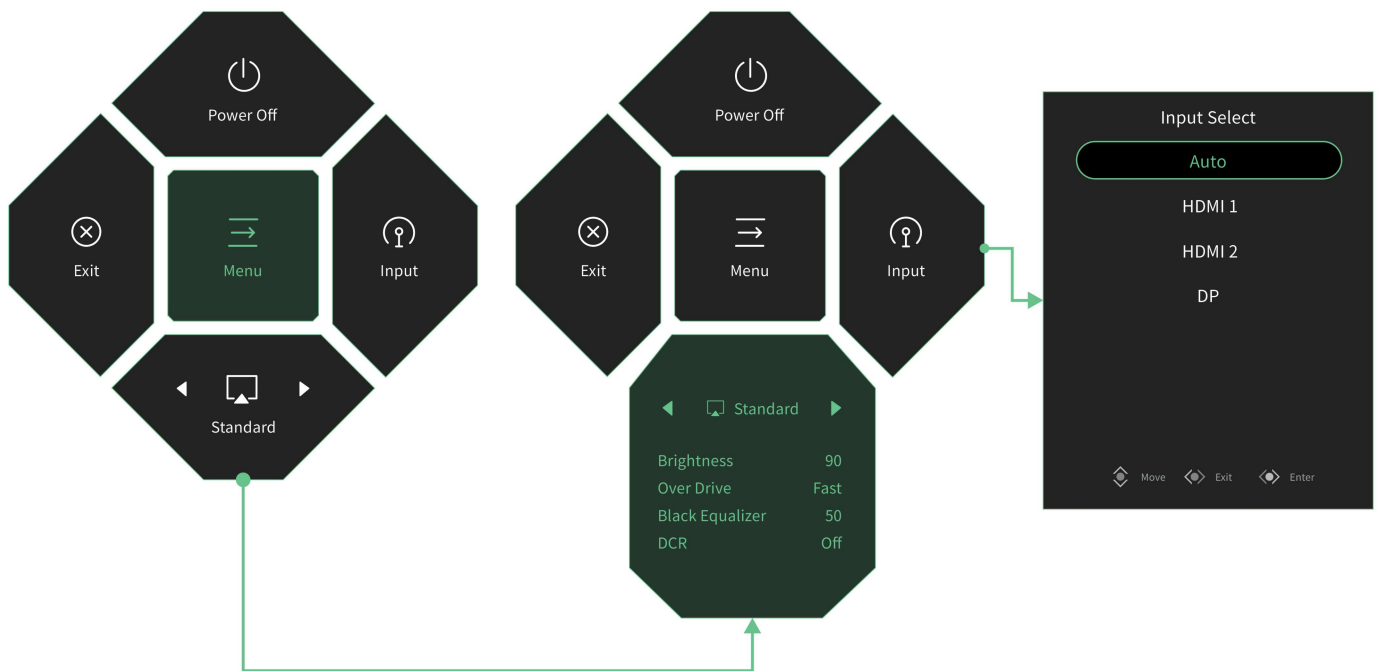


NOTE:

- The screen can be tilted forward by up to $5^\circ \pm 2^\circ$ and backward by up to $15^\circ \pm 2^\circ$. Please adjust the screen carefully within these limits to ensure stability and avoid any potential damage.
- If you need to remove the base, first place the monitor face down on the original packaging protection material to avoid screen damage.
- Screen damage caused by improper handling is not covered under your warranty. The stand can be removed from the rear of the monitor by pressing the quick-release button located on the back of the unit.

GETTING STARTED

MONITOR CONTROLS



MONITOR BUTTON



Press any key on the OSD joystick to open the OSD Start Menu. The default cursor will be on [Menu]. Press the joystick to enter the OSD menu.



Push the OSD joystick up to put the monitor into shutdown mode.



Push the OSD joystick right to open the Input Selection window and switch sources.



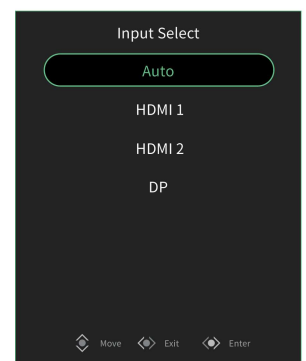
Push the OSD joystick down to enter [Mode Selection]. Use the left or right joystick at this focus to quickly switch modes.



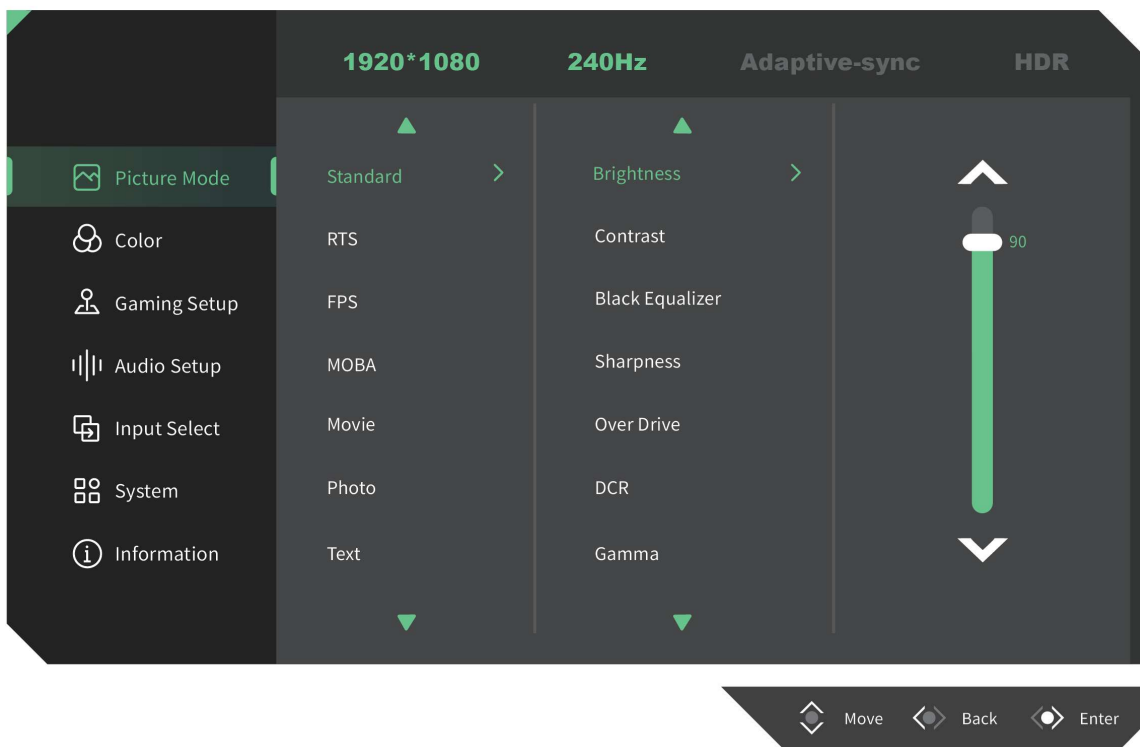
Push the OSD joystick left to exit the OSD Start Menu.

INITIAL SETUP

1. Connect the monitor to a power outlet using the supplied adaptor.
2. Press the monitor's power button to turn it on.
3. Connect the relevant cable to the corresponding input on the monitor. The source will be automatically detected.
4. To change between inputs, use the joystick on the back, moving right and left to allow your navigation and up and down to select.



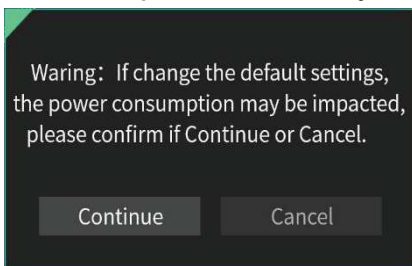
OSD MENU



- 1920*1080** Monitor Resolution
- 240Hz** Monitor refresh rate
- Adaptive-sync** Displays adaptive-sync function switch status
- HDR** Displays HDR switch status

- Move** Move the joystick up and down to adjust different parameters or change values.
- Back** Move the joystick left to return to the previous menu.
- Enter** Press the joystick or move it to the right to confirm the current settings and enter the next menu level.

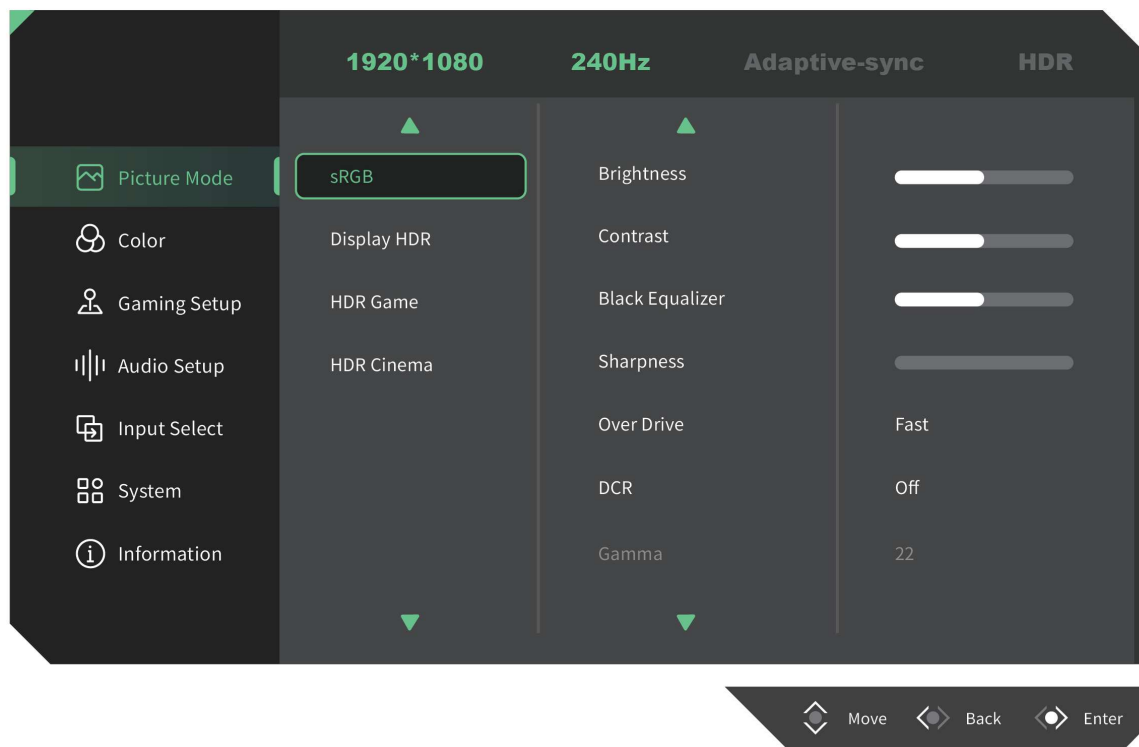
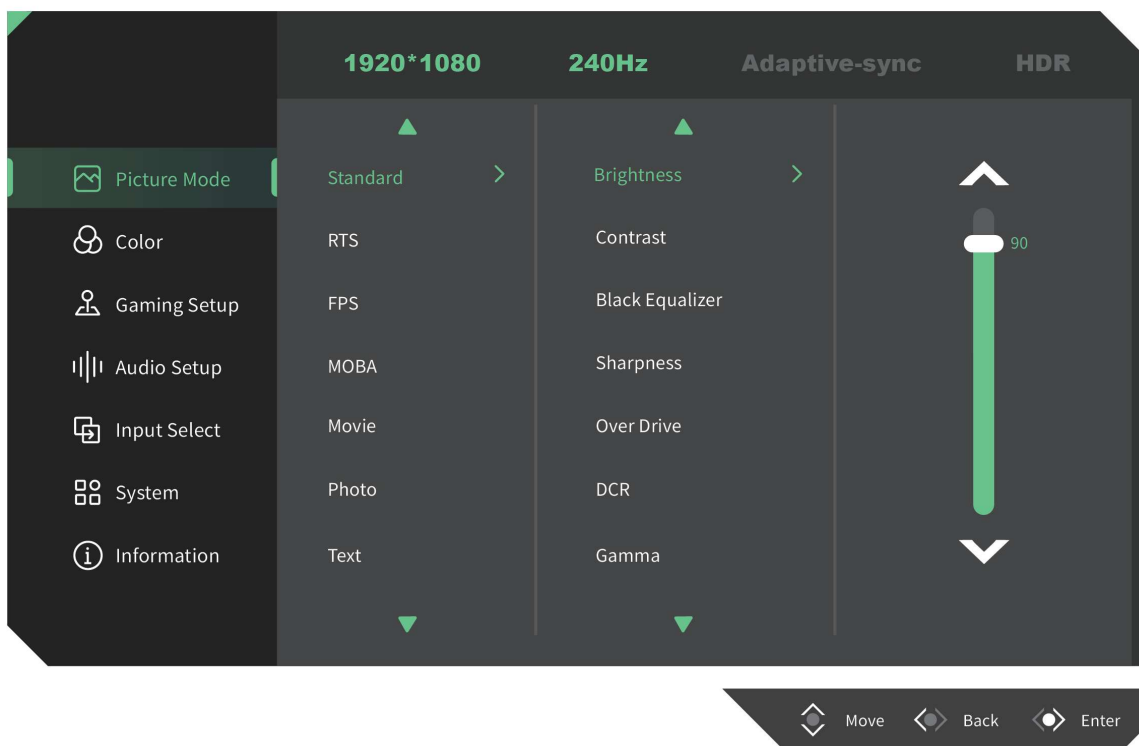
After entering the OSD menu, you can adjust the settings for image mode, colour, game functions, audio, input selection, system settings, and information.



Every mode comes with default settings. If you customise or modify them, a warning will appear: 'Changes may affect power consumption.' Adjusting these settings can increase the amount of power the unit

PRIMARY AND SECONDARY MENU DISPLAY

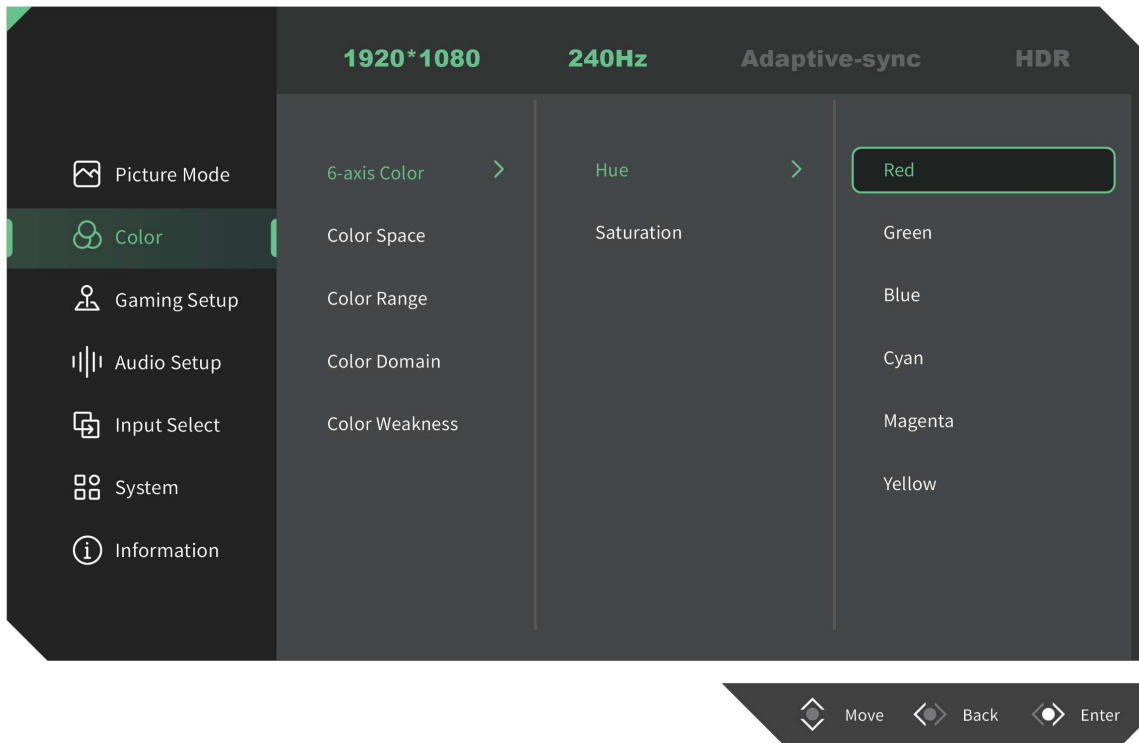
PICTURE MODE



PICTURE MODE

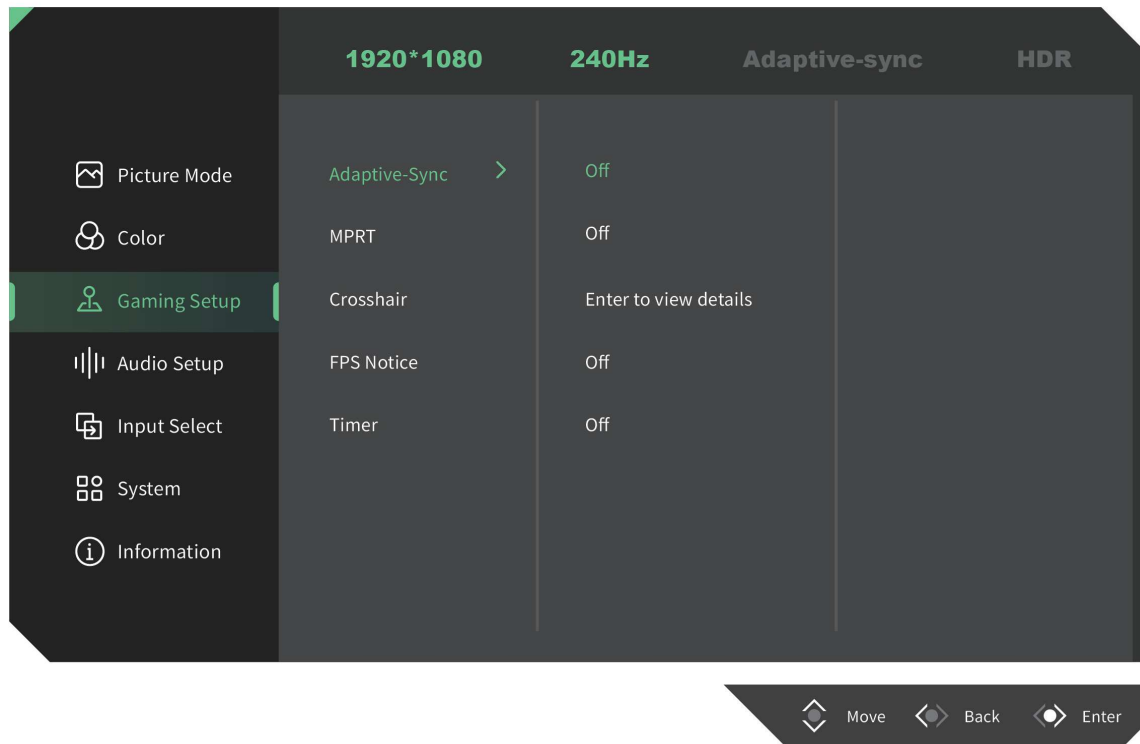
STANDARD	A balanced display mode designed for everyday use. Provides natural brightness, accurate colours, and stable contrast for general work and browsing.
RTS	Real-Time Strategy gaming mode. Enhances colour separation and boosts visibility in complex scenes, making units, structures, and terrain easier to distinguish during strategic gameplay
FPS	First-Person Shooter gaming mode. Optimised for fast action with reduced input lag, brighter dark areas, and enhanced contrast to help identify enemies in low-light environments.
MOBA	Multiplayer competitive mode, designed for use in multiplayer online battle arena games like League of Legends, enhancing shadow balance and sharpness.
MOVIE	Movie Mode, designed for viewing in low ambient light environments, ensures users achieve the best possible viewing experience.
PHOTO	Image Mode, designed for professional design and image editing, ensures accurate reproduction of image colors and details.
TEXT	A reading-friendly mode that reduces blue light and softens contrast to minimise eye strain during long periods of text or office work.
sRGB	sRGB mode is used when the native sRGB color gamut is required, ensuring accurate color display.
DISPLAY HDR	Display HDR mode is used when HDR picture display effects are required. It enhances details in both bright and dark areas to ensure optimal HDR picture display.
HDR GAME	HDR Gaming Mode is designed for gaming scenarios requiring HDR display effects. It enhances shadow detail, reduces response time, and elevates the user's gaming experience.
HDR CINEMA	HDR Movie Mode is designed for viewing content that requires HDR display effects, ensuring users achieve the best possible viewing experience.

COLOUR MODE



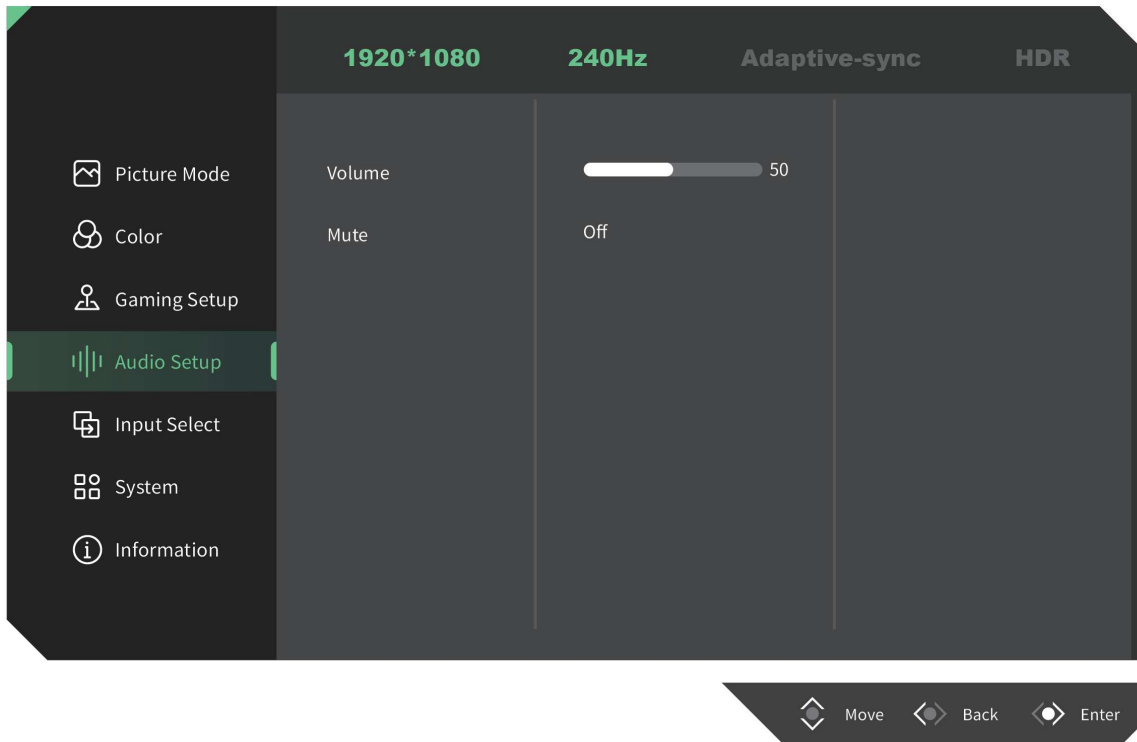
6-AXIS COLOR	Allows independent adjustment of six primary and secondary colour channels: Red, Green, Blue, Cyan, Magenta, and Yellow . This enables precise colour calibration by changing hue and saturation for each channel separately.
COLOR SPACE	Selects the colour standard used for image reproduction. Common options may include sRGB, Adobe RGB, or DCI-P3 , depending on the monitor model. It ensures colours appear accurate for different viewing or editing requirements.
COLOR RANGE	Controls the dynamic range of colour signal input.
COLOR DOMAIN	Defines the monitor's internal colour-processing mode. Used to select how colours are interpreted and adjusted within the display, ensuring compatibility with specific content types or professional workflows.
COLOR WEAKNESS	A colour-assistance mode that helps users with colour-vision deficiencies. Adjusts onscreen colours to make red-green or blue-yellow differences easier to distinguish, improving clarity for users with mild colour blindness.

GAMING SETUP



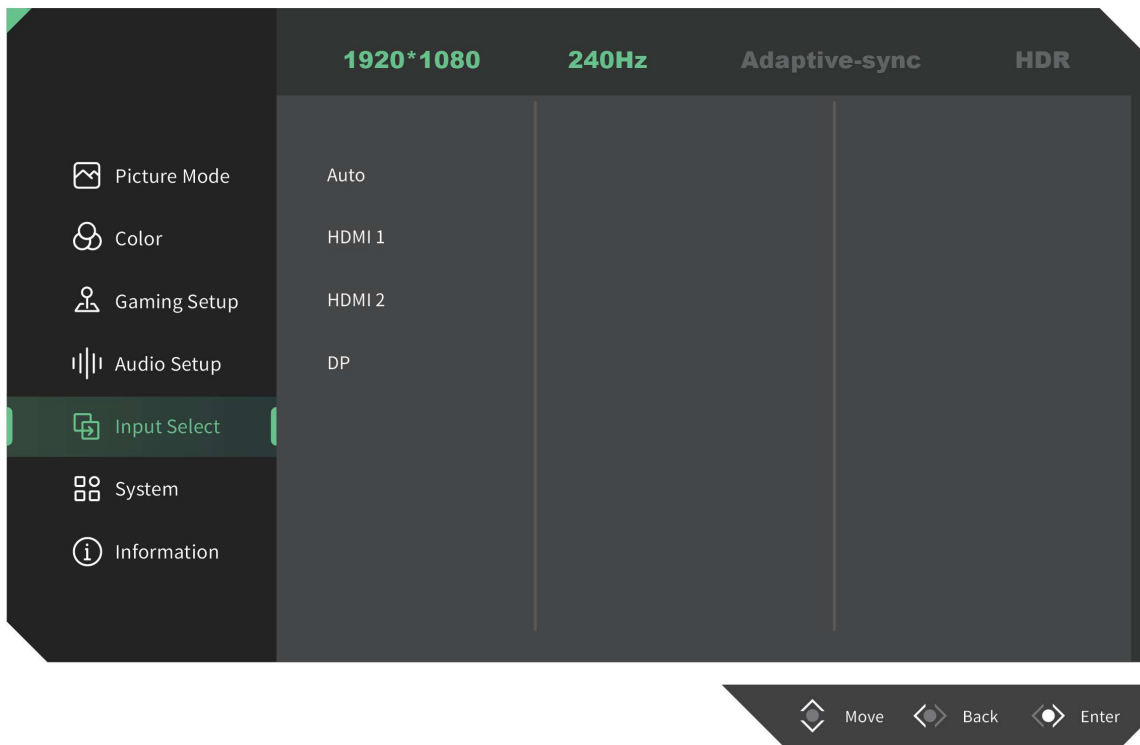
ADAPTIVE SYNC	Synchronises the monitor's refresh rate with the graphics card's output to eliminate screen tearing and stuttering. This provides smoother motion and a more responsive gaming experience, especially during fast-moving scenes.
MPRT	Reduce motion blur under fast movement.
CROSSHAIR	Displays an on-screen aiming marker at the centre of the screen. Useful for first-person shooter games where an additional reticle can improve aiming accuracy.
FPS NOTICE	Shows the current frames-per-second (FPS) on screen in real time. Allows players to monitor performance and ensure the system is running smoothly during gameplay.
TIMER	Provides an on-screen countdown or stopwatch timer. Useful for tracking game events, cooldowns, respawn times, or timed missions.

AUDIO SETUP



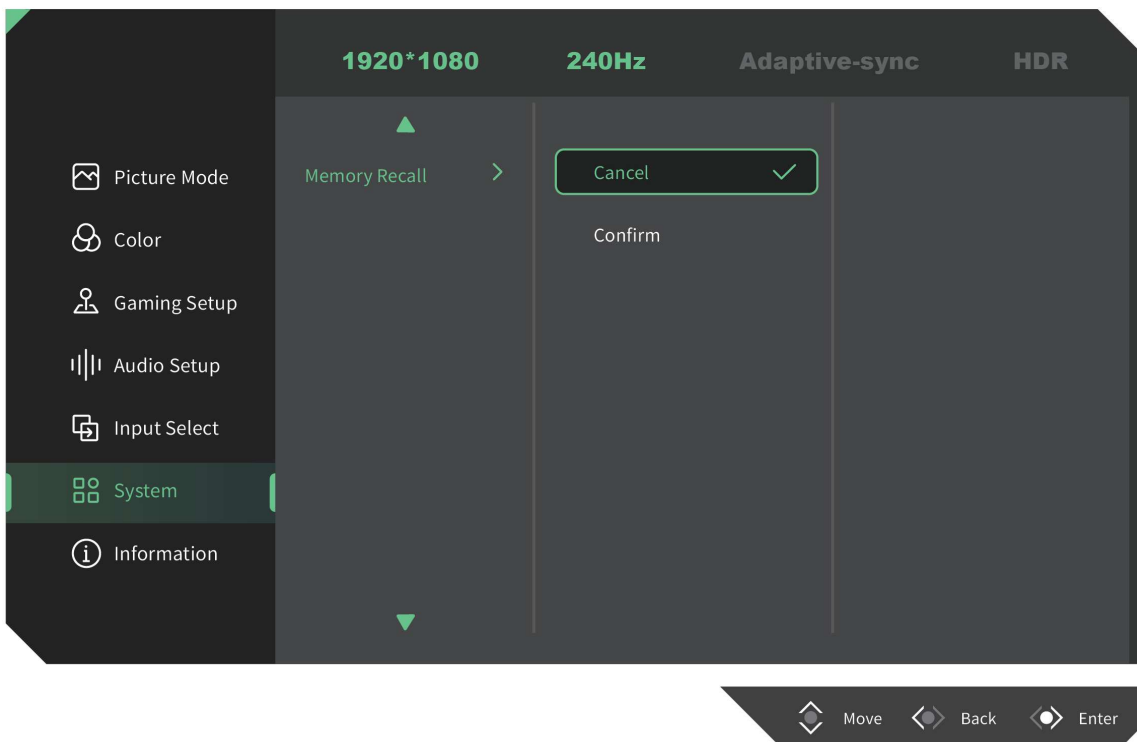
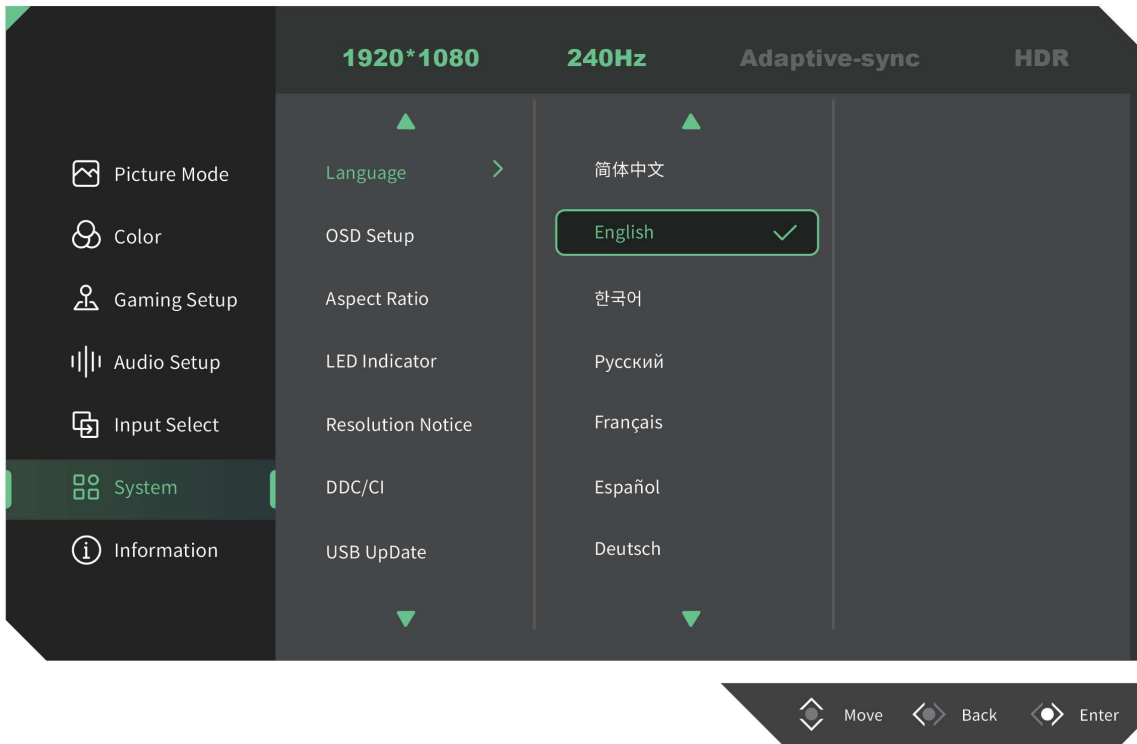
VOLUME	Adjusts the monitor's audio output level. This controls the loudness of the built-in speakers or the sound sent through the headphone/line-out port.
MUTE	Turns all audio output off instantly. When enabled, no sound will be played through the monitor's speakers or audio ports until mute is switched off.

INPUT SELECT



AUTO	Optimises the display automatically by adjusting the screen position, phase, and clock settings to achieve the best possible image quality.
HDMI	Used for connecting devices such as PCs, gaming consoles, streaming boxes, and media players. Supports both audio and video transmission.
DP	Offers high-bandwidth video and audio, typically used for PCs requiring higher refresh rates or resolutions. Ideal for gaming and professional graphics use.

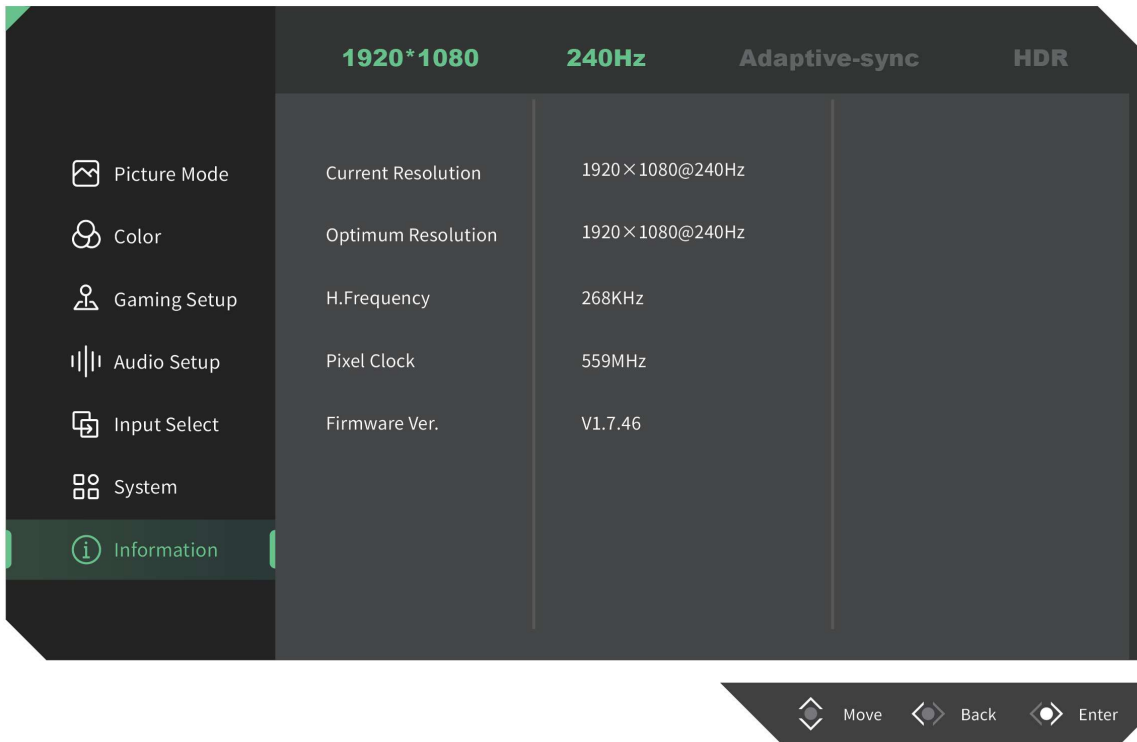
SYSTEM



SYSTEM

LANGUAGE	Selects the display language used in the On-Screen Display (OSD) menu. Options typically include English and other global languages depending on the model.
OSD SETUP	Provides settings for the On-Screen Display menu itself.
ASPECT RATIO	Changes the display's image scaling format.
LED INDICATOR	Controls the power LED on the monitor. You can allow the LED to remain lit during operation or standby, or switch it off for distraction-free viewing.
RESOLUTION NOTICE	Displays a pop-up message when a non-native resolution is detected. This reminder helps users select the monitor's recommended resolution for the best image quality.
DDC/CI	Enables or disables the Display Data Channel / Command Interface . This allows external software (e.g., monitor-control applications) to adjust settings such as brightness, contrast, and colour directly from the computer.
USB UPDATE	Enhance the performance and convenience of data transmission.
MEMORY RECALL	Reset all settings to default.

INFORMATION



CURRENT RESOLUTION	Shows the resolution currently being received from the connected device
OPTIMUM RESOLUTION	Displays the monitor's recommended or native resolution. Using the optimum resolution ensures the sharpest image quality and correct screen scaling.
H. FREQUENCY	Indicates the horizontal frequency of the incoming video signal, measured in kilohertz (kHz). This represents how many horizontal lines are scanned per second.
PIXEL CLOCK	Shows the frequency at which pixels are transmitted to the monitor, usually measured in MHz. A correct pixel clock ensures stable image output without flickering or distortion.
FIRMWARE VERSION	Displays the current firmware version installed on the monitor. Useful for service, updates, and technical support. (According to the actual situation.)

TECHNICAL SPECIFICATION

Product name: 24"LCD Monitor		
Model No.: eiq-24FHD240IPS		
Trademark: electriQ		
Type of Panel: LCD		
Input terminal / Image refresh frequency rate (default): HDMI / 60Hz		
Time to enter standby : 20s		
Energy efficiency class for Standard Dynamic Range (SDR)	E	
On mode power demand in Standard Dynamic Range (SDR) (W)	18W	
Energy efficiency class in High Dynamic Range (HDR) mode	G	
On mode power demand in High Dynamic Range (HDR) mode, if implemented (W)	24W	
Off mode, power demand, if applicable (W)	0.24W	
Standby mode power demand, if applicable (W)	0.28W	
Size ratio (X : Y)	16:9	
Screen resolution (Horizontal x Vertical) (pixels)	1920*1080	
Screen diagonal (cm / inches)	60.45cm/23.8inches	
Visible screen area (dm ²)	15.62	
Minimum luminance	250cd/m ²	
Typical luminance	300cd/m ²	

Optimal operating resolution	1920 × 1080 @ 240 Hz
Power input	12 V - 3 A
Power management system:	
Normal operation	≤ 36 W
Standby	≤ 0.5 W
Environmental operating requirements	
Maximum altitude	≤ 5000 m
Operating temperature and humidity	0°C to 40°C, 20% to 85% RH
Storage temperature and humidity	-10°C to 60°C, 10% to 90% RH

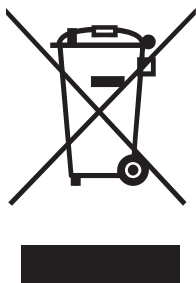


The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

TROUBLESHOOTING

PROBLEM	TROUBLESHOOTING
1. Power/indicator light is off.	Check that the display and the power socket are properly connected, and ensure the display is not in shutdown mode.
2. Image blurring, too large or too small.	Open the menu Image Setting and select Auto Image Adjust to automatically adjust the display. (Note: This function only applies to VGA signal input.)
3. Image too dark.	Open the menu Brightness and Contrast to adjust the display's brightness and contrast.
4. Display overheating.	Leave at least 5 cm of space around the display for ventilation and do not place objects on top of it.
5. Dark or light spots when powering on.	Uneven backlight illumination may occur initially due to temperature differences. The backlight will operate normally after about 20 minutes, and the spots will correct themselves.
6. Image distortion, blinking, or shaking.	Check the computer settings, select the correct resolution, and readjust the refresh rate.
7. Noise when powering off.	This is normal and is caused by the display discharging during power-off.

ENVIRONMENTAL PROTECTION



Recycling facilities are now available for all customers at which you can deposit your old electrical products. Customers will be able to take any old electrical equipment to participating civic amenity sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please contact the local council for details of your local household waste recycling centres.

electriQ UK SUPPORT

www.electriQ.co.uk/support

If the unit fails to operate, call 0330 390 3061 or complete the online form.

Office hours: 9 AM- 5 PM, Monday to Friday

www.electriQ.co.uk

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