

# electriQ

## 28" 4K LED MONITOR



### EIQ-284KMB

Thank you for choosing electriQ

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

Visit our page [www.electriQ.co.uk](http://www.electriQ.co.uk) for our entire range of Intelligent Electricals

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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.
- 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 power supply cord or plug is damaged, liquid has been spilled or 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 and not the wires.
- Disconnect the power immediately and seek professional help if the main plug or cable is damaged, liquid has spilt onto the set, if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the set 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 ventilation slots on the back cover. The monitor can be placed in a cabinet but ensure at least 5cm (2") clearance all around. Do not tap or shake the screen, this may damage internal components.
- **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 socket is used as a disconnection device and should remain readily accessible.



**AT FULL VOLUME, PROLONGED LISTENING MAY DAMAGE THE USER'S HEARING.**



This warning sign is to warn of dangerous voltage inside the product.

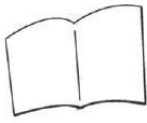


**CAUTION:** To reduce the risk of electric shock, DO NOT remove the cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This warning sign is to alert you of important instructions accompanying the product.

## WHAT'S INCLUDED



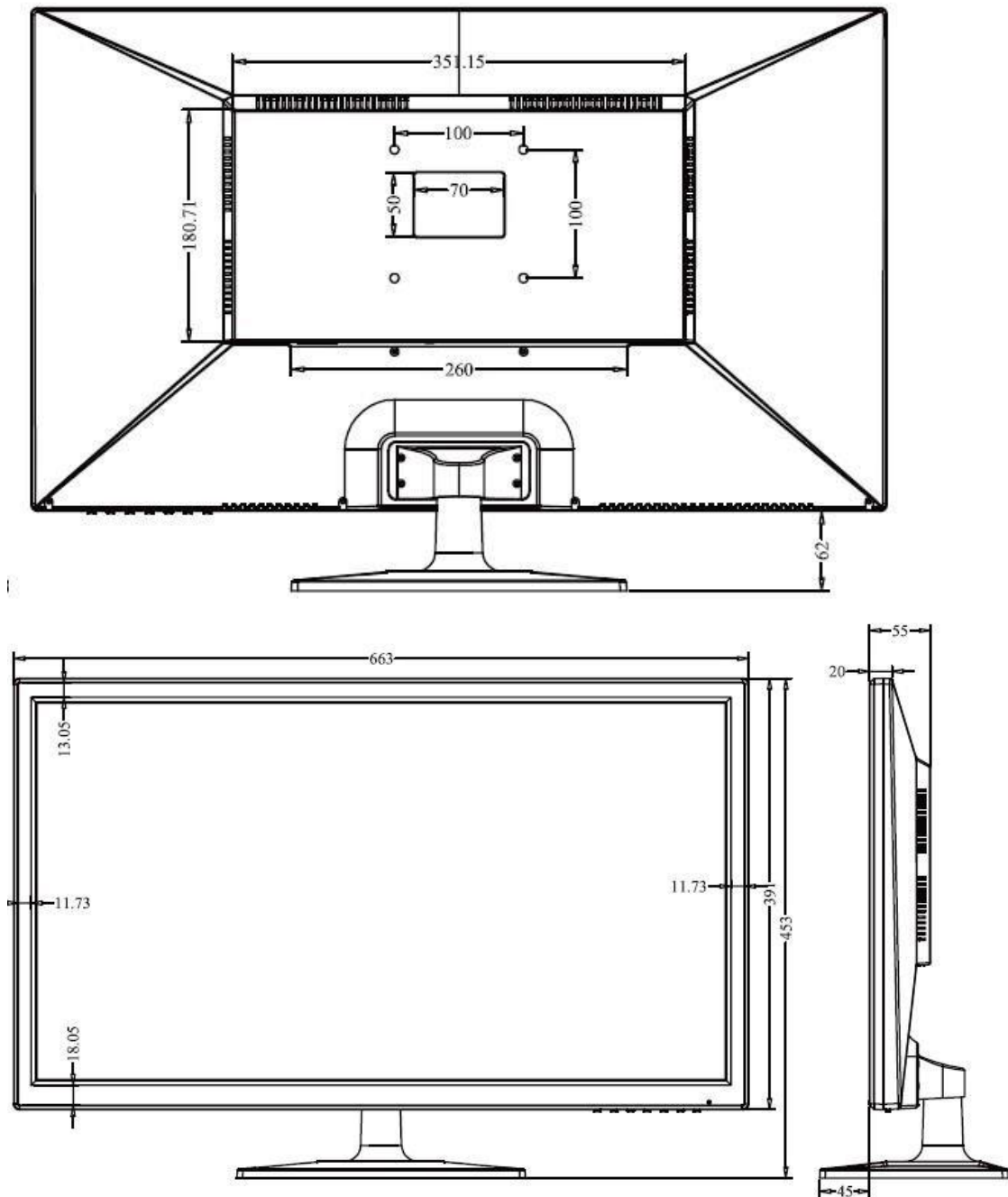
User Manual

Power Supply

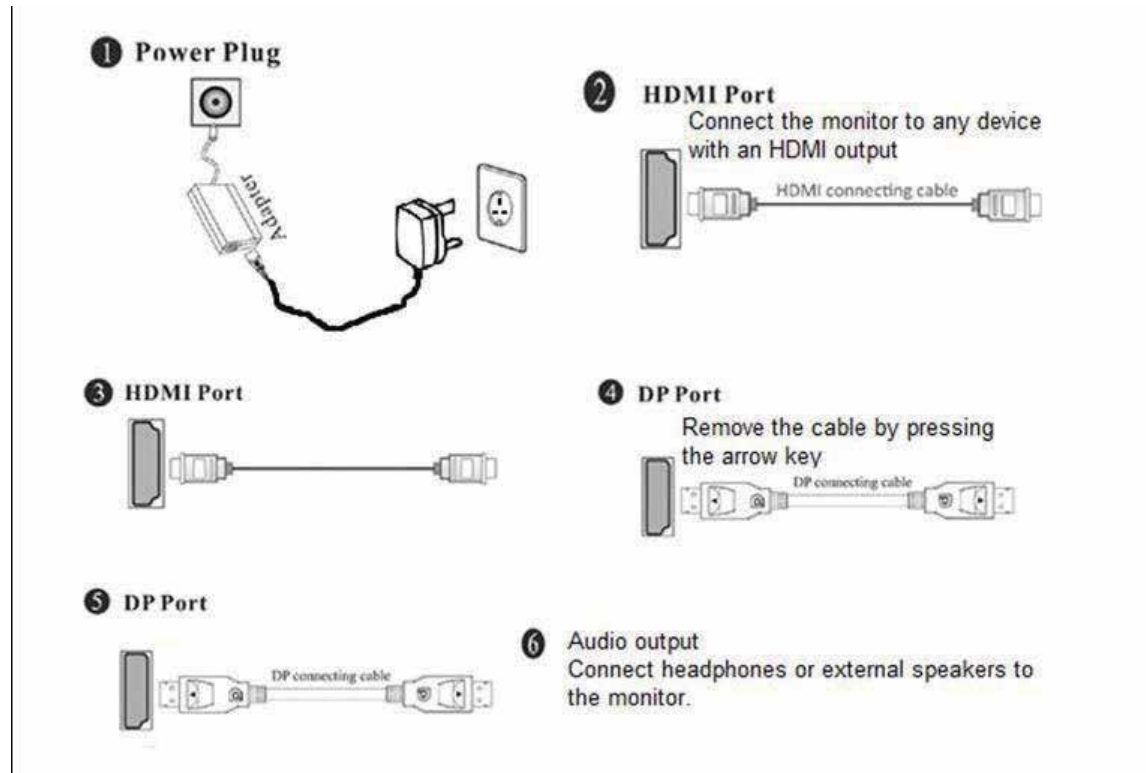
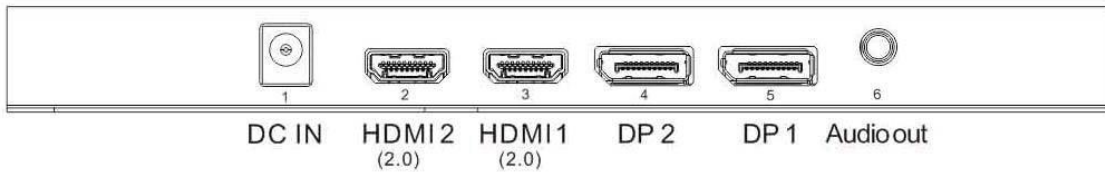
Power Cable

HDMI Cable

## MONITOR DIMENSIONS



## CONNECTIONS AVAILABLE ON THE MONITOR



1. DC input port: Connect the supplied power supply to power the Monitor
2. HDMI port 2: Used to connect a compatible device. Supports HDMI 1.4 & 2.0
3. HDMI port 1: Used to connect a compatible device. Supports HDMI 1.4 & 2.0
4. Display Port 2: Used to connect a compatible device. Supports Display Port 1.2
5. Display Port 1: Used to connect a compatible device. Supports Display Port 1.2
6. Audio out port: Used for connecting headphones, or external speakers

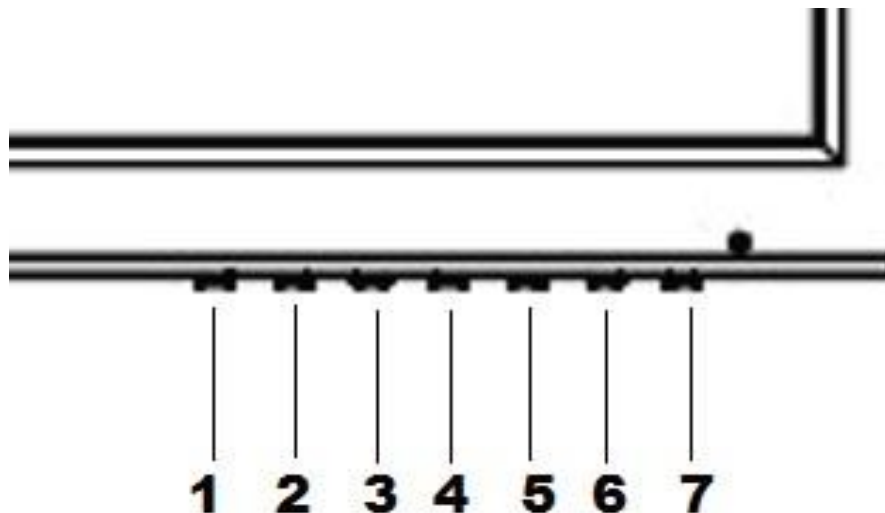
## WALL MOUNTING

- The monitor is provided with mounting holes for a VESA approved wall mounting bracket (not supplied)
- The VESA mounting pattern is:100x100mm and the size of the required screws are 4 x M6 x 10 (not supplied)
- Do not use screws longer than specified or damage will occur to the internal components.

**NOTE:** As the monitor is considered heavy, please consult with a professional wall mount installer to perform the installation.

## GETTING STARTED

### MONITOR CONTROLS

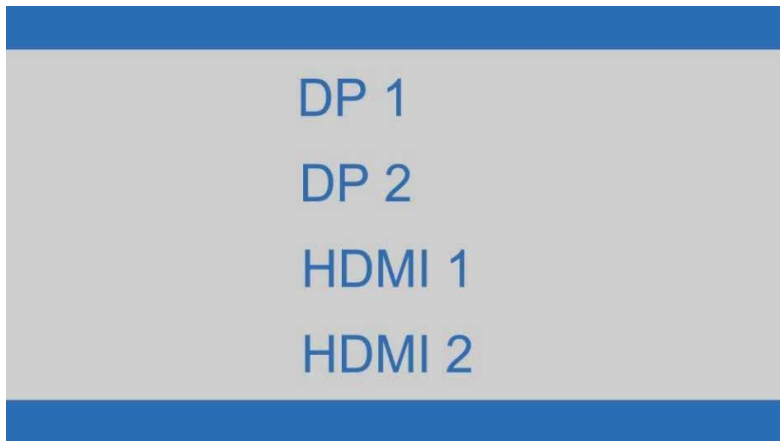


1. **SOURCE :** Press the SOURCE button to select the input source or exit the menu.
2. **MENU :** To enter the menu of the monitor
3. **◀:** Press the ◀ button to move left within the menu.
4. **▶:** Press the ▶ button to move right within the menu.
5. **▲:** Press the ▲ button to move up within the menu.
6. **▼:** Press the ▼ button to move down within the menu.
7. **POWER:** To turn ON/OFF the monitor

## INITIAL SETUP

Connect the monitor to a power outlet.

1. Press the POWER button on the monitor or to turn it on (The indicator will be blue)
2. Connect the relevant cable to the corresponding source on the monitor. The input should be automatically detected.
3. Press the SOURCE button to display the source menu. Use the ▼ and▲ buttons to choose the preferred input source between DP1, DP2, HDMI1 and HDMI 2.



## MENU OPTIONS

The menu for the monitor can be accessed by pressing the MENU button on the control panel. The menu includes options for Picture Settings, Image Settings, Colour Temperature, OSD Settings, Reset, and Miscellaneous options, details of each menu can be found in the following section



## BRIGHTNESS



### BRIGHTNESS

Allows the adjustment of the image brightness, according to ambient light in the room. Value "0-100"

### CONTRAST

Allows the adjustment of the contrast between white and black areas of the image. Value "0-100"

### ECO

Allows selection of image settings between the following: STANDARD, TEXT, MOVIE, GAME, FPS, and RTS".

### DCR

Allows the dynamic contrast of the picture to be turned ON and OFF

### HDR MODE

Allows to change the GAMMA value between "OFF, AUTO, MAX "

## IMAGE SETTINGS



### H. POSITION

Allows adjustment of the horizontal position of the display image. Press the ◀ and ▶ buttons to horizontally move the image.

### V. POSITION

Allows adjustment of the vertical position of the display image. Press the ◀ and ▶ buttons to vertically move the image.

### CLOCK

Allows adjustment of the CLOCK setting. Value "0-100"

### PHASE

Can reduce video distortion and instability. Value "0-100"

### ASPECT

Allows selection of video format of the between "16:9, 4:3.....".

## COLOUR TEMPERATURE SETTINGS



### **COLOR TEMP.**

Allows adjustment of the colour settings between the following options: "Normal - Warm - Cool - User". In the "User" setting, you have full control to alter the individual settings "Red : 0-100, Green: 0-100, and Blue : 0-100".

### **RED**

Allows adjustment of the red element of the image

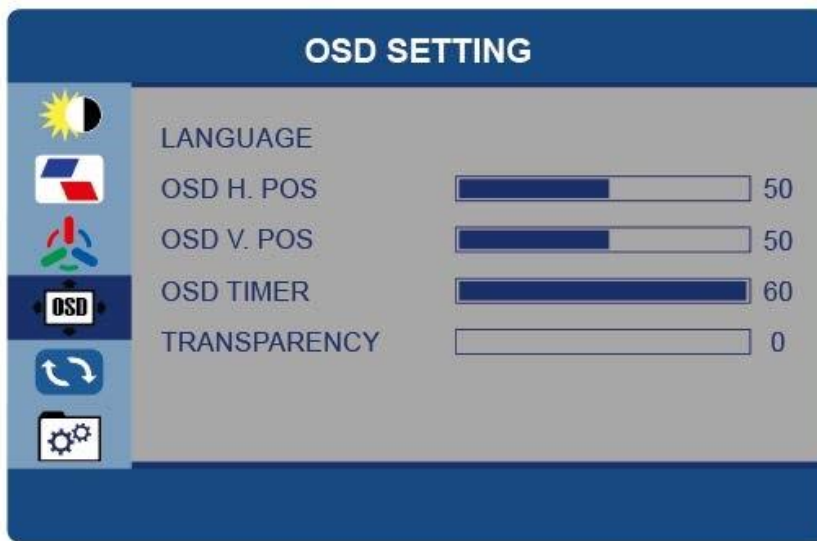
### **GREEN**

Allows adjustment of the green element of the image

### **BLUE**

Allows adjustment of the blue element of the image

## OSD (ON SCREEN DISPLAY) SETTING



### LANGUAGE

Allows selection of desired language: “ENGLISH, FRENCH, TURKISH, ITALIAN, SPANISH, PORTUGUESE, CHINESE, DUTCH, JAPANESE, GERMAN, POLISH, AND KOREAN.”

### OSD H. POS

Allows adjustment of the horizontal position of the OSD

### OSD V. POS

Allows adjustment of the vertical position of the OSD

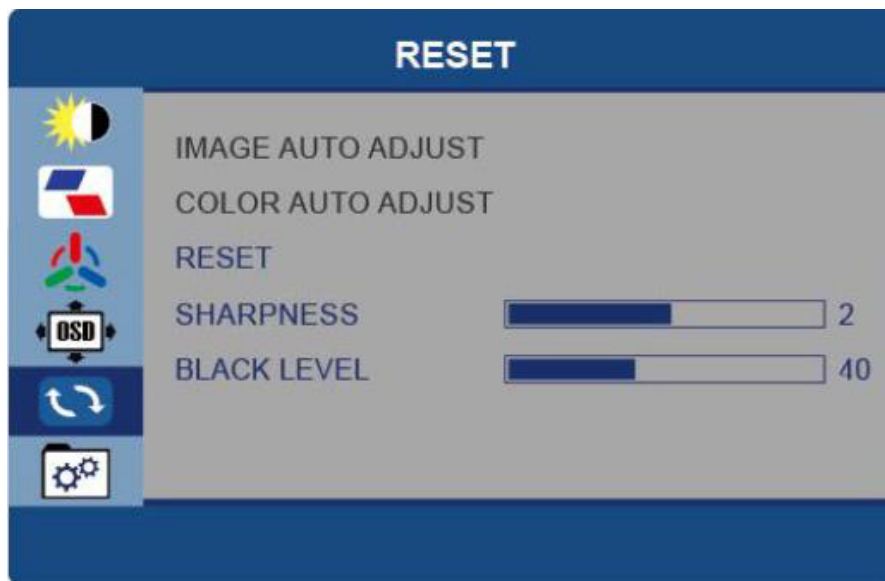
### OSD TIMER

Allows adjustment of the duration of the OSD, value “0-100”

### TRANSPARENCY

Allows adjustment of the transparency of the OSD, value “0-100”.

## RESET



### RESET

Returns the monitor to its factory default settings.

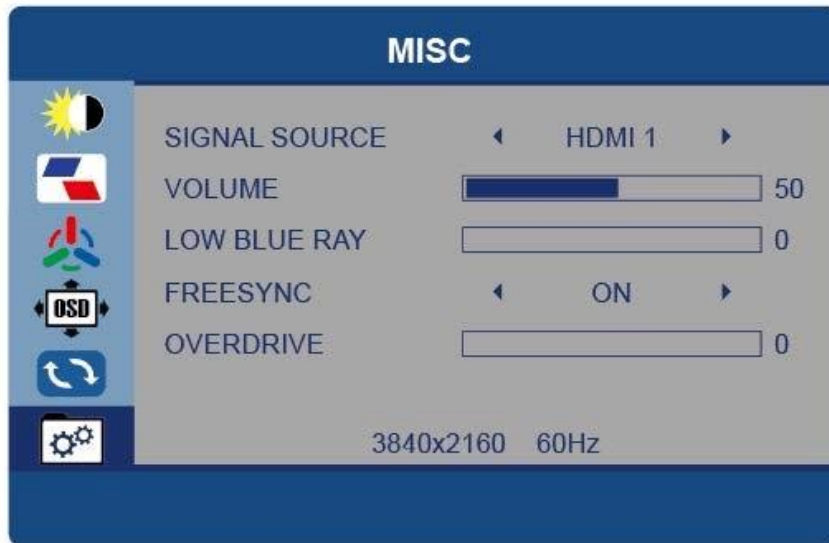
### SHARPNESS

Allows adjustment of sharpness between "0-4".

### BLACK LEVEL

Allows adjustment of black level between "0-100".

## MISCELLANEOUS



### SIGNAL SOURCE

Allows user to choose the signal source of the display "HDMI1, HDMI2, DP1, DP2, AUTO".

### VOLUME

Allows adjustment of the volume of the monitor from "0-100".

### LOW BLUE RAY

Allows adjustment of the low blue effect of the display, value : 0-25-50-75-100.

### FREE SYNC

Allows FreeSync to be turned ON and OFF.

### OVERDRIVE

Allows adjustment of Overdrive function.

Overdrive is a technology that allows the monitor to decrease response time

## SPECIFICATION

<b>eiq-284KMB-V2</b>	
<b>Panel Type</b>	28" (16:9) LED Backlit Monitor
<b>Case Type</b>	Plastic
<b>Best Resolution</b>	3840(H) x 2160(V) @ 60 Hz
<b>Active Display Area</b>	648.9 (H) X 369.3 (V)
<b>Pixel Pitch</b>	0.16 (H) x 0.16 (V)
<b>Contrast Ratio</b>	3000:1 Typical
<b>Brightness</b>	280 cd/m <sup>2</sup>
<b>Response Time</b>	5ms(G2G)
<b>Viewing Angle</b>	U/D: 85° / 85°, L/R: 80° / 80°
<b>Display Colours</b>	1.073G
<b>PC Compatible Frequency</b>	30-145KHz(H) / 50-130Hz(V)
<b>Adjustable Colour Temperature</b>	WARM/ COOL /USER
<b>Video Compatibility</b>	Multi-Standard for NTSC / PAL
<b>Aspect Ratio</b>	16: 9
<b>Speaker Multimedia Speakers</b>	Right x 1 Left x 1, 2X5W
<b>Sound Demodulation</b>	Stereo. Audio
<b>Mute</b>	Yes
<b>Operating Humidity</b>	20 % - 70 %
<b>Operating Temperature</b>	- 10 to 50 °C
<b>IN/OUT INTERFACE</b>	
<b>Video Interface</b>	HDMI 2.0 x 2, DP 1.2 x 2
<b>Audio Interface</b>	Audio Out x 1,
<b>Safety &amp; EMC Certification</b>	CE / FCC / ROHS
<b>Stand Type</b>	Desktop
<b>Button Position</b>	Right Hand Side
<b>POWER Voltage</b>	AC90-130V 57-63Hz
<b>Power Consumption</b>	Typical 40W

## TROUBLESHOOTING

Problem	Solution
No power	Insert the plug securely into the power outlet.
No picture	Ensure that the equipment is connected properly.
	Ensure the correct input is selected.
Buttons on the monitor don't do anything	Disconnect the power plug and then reconnect it. (The unit may not be operating properly due to lightning, static, or other factors.)
Noise or other interference	Electronic equipment near the unit may be causing interference. Relocate the unit or move the equipment.

## ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



## ElectriQ UK SUPPORT

[www.ElectriQ.co.uk/support](http://www.ElectriQ.co.uk/support)

If the unit fails to operate call: 0871 620 1057 or complete the online form Office

hours: 9AM - 5PM Monday to Friday

**www.electriQ.co.uk**

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