# User Guide

**kogan**
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# 27" QHD 180Hz FreeSync Gaming Monitor

## 2560 x 1440

KAMN27Q18SA

# Safety & Warnings

- Read all safety notes and instructions before first use even if you are familiar with this product. Retain this user guide for future reference.

- Use the product only as described in this user guide.

- Unplug the monitor before cleaning it.

- Use a clean, slightly dampened cloth to wipe the main monitor body.

- To clean the screen, turn it off unplug it and wait for it to cool completely, then wipe it with a dry micro-fibre cloth.

- Do not use cleaning alcohol, ammonia-based liquids or other harsh cleaners.

- This monitor is designed with ventilation holes on the back of the casing. Do not cover or block them.

- Do not insert any object or spray any liquid into the vents.

- Avoid placing the monitor near heaters, stoves, fireplaces or other sources of heat, as well as in rooms lacking adequate ventilation.

- Do not position the monitor in unsafe locations. If the monitor falls, it may be damaged and may injure nearby people.

- Unplug the monitor if it is not going to be used for an extended period.

- Do not place heavy objects on the monitor, its power cord or any connected cable.

- Do not open the back panel of the monitor, as it contains a high-voltage current even when not plugged in.
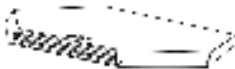
# Components
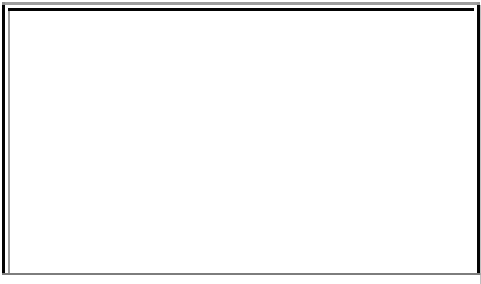


Monitor
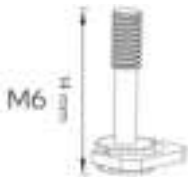


Stand Arm



Stand Base

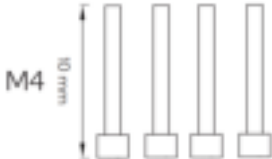

Cable Clip



M4x10mm Stand Screw



M6x10mm Stand Screw



M4x10 VESA Screws (x4)



DP Cable
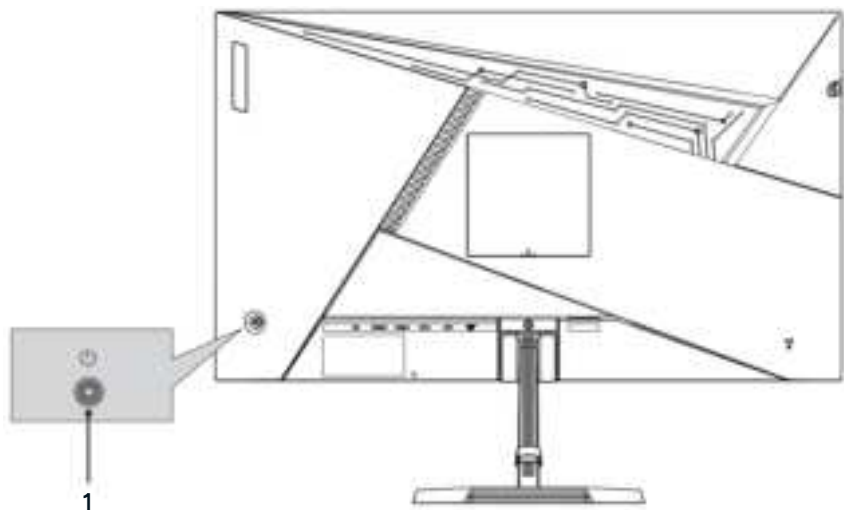


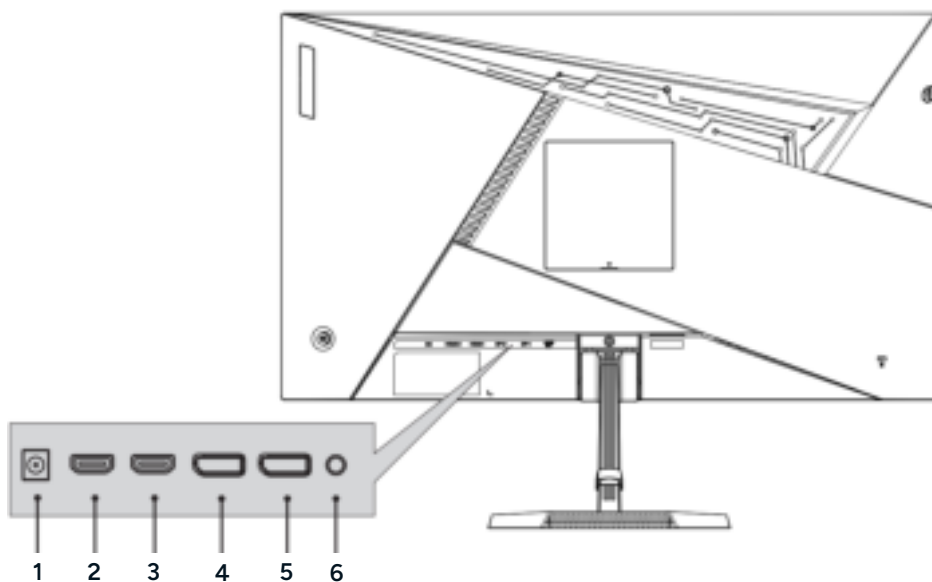Power Adaptor



User Guide

# Overview



| | | |
|---|---|---|
| 1 | Power Button | **Button**<br>• Press and hold the for 3-5 seconds to turn the monitor on/off.<br>• When the monitor is turned on, press to open the main menu for 1 second.<br>• Press to enter submenu.<br>• Press to save menu adjustment and return to previous menu.<br><br>**Directional Stick**<br>• Use the navigate the menus. |

## Monitor Ports



| | |
|---|---|
| **1** | Power Input Port (DC 12V) |
| **2** | HDMI Port |
| **3** | HDMI Port |
| **4** | DP Port |
| **5** | DP Port |
| **6** | 3.5mm Audio Output Port |

# Assembly

> **Warning:**
>
> The monitor's screen is fragile. Keep the foam underneath the screen while assembling the stand.

1. Carefully remove the monitor, stand arm and stand base from the box.

2. Attach the stand base to the stand arm and secure it in place using the M6x14 Stand Screw.
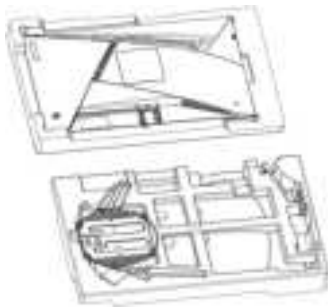
3. Attach the stand to the rear of the monitor and secure it in place using the M4x10mm Stand Screw.

4. Lift monitor up straight and remove the bottom foam. Stand the monitor up on a flat, stable surface.
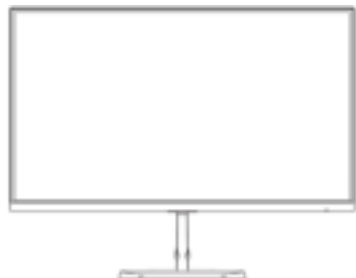
## VESA Mount

⚠️ VESA mounting pattern 100x100mm, screw size M4.
VESA mount or mounting accessories are not included.

1. Gently place the monitor on a desktop or table.
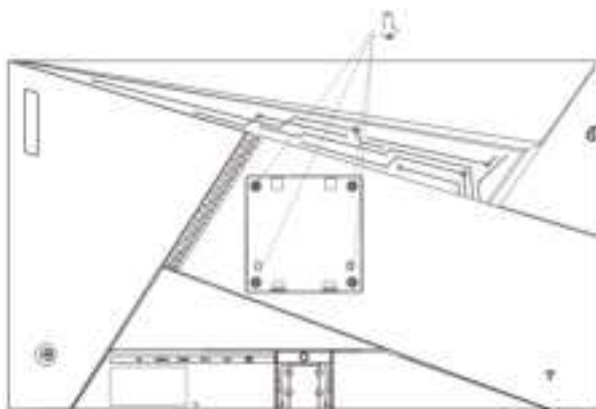
2. If the monitor was already attached to the stand, press the release button to remove the stand.



Stand Arm

Stand Base

Rear Cover

Mount (not included)

Monitor

3. Following the instructions included with the monitor mount, attach the monitor to the mount.

# Operation

**Note:**

Ensure the monitor is powered off before connecting any cables.

## Connecting to Power

1. Plug the provided power adaptor into the monitor's DC port.

2. Connect the power adaptor to a properly grounded electrical outlet.

3. Use the 'Power' button to turn the monitor on.

## FreeSync

- Order to use this feature, ensure your hardware has FreeSync capability and the graphics drivers are fully up to date.

- After connecting, you may receive a prompt to enable the feature on your computer. If you do not receive the prompt, you may need to enable the function in your graphics card menu.

- See your graphics card manufacturer's documentation for instructions on how to turn on and/or enable FreeSync.

## On Screen Display (OSD)

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

- When using the monitor for the first time, it will configure optimal settings automatically.

1. Press the 'Power' button to open the OSD menu.
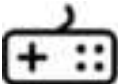


2. Use the 'Power' button's directional stick to select the items to be adjusted.

3. After selecting the items, press the 'Power' button to adjust.

4. Press the 'Power' button again to save and return to the previous menu.

Refer to the following pages for a detailed list of the OSD menu functions.

**Note:**

OSD is continuously updated, minor differences may exist in some function's description. The actual effect prevails.

| Menu | Sub-Menu | Options | Description |
|---|---|---|---|
| | Brightness | ~0-100 | Adjust display brightness |
| | Contrast | ~0-100 | Adjust display contrast |
| | ECO | Standard/ E-Book/ Movie/ Picture | Preset colour modes |
| | Black level | ~0-100 | Select the desired black level |
| | Aspect Ratio | Auto/ Wide Screen/ 4:3 | Select the desired aspect ration |
| | Sharpness | ~0-10 | Select the desired sharpness |
| | Professional Mode | Standard/ sRGB/ Adobe RGB/ DCIP3 | Select the desired professional mode |
| | Colour Temperature | Normal/ Warm/Cool/USER | Select colour temperature mode or allow manual colour configuration (USER) |
| | Red | ~0-100 | Adjust red value (USER mode only) |
| | Green | ~0-100 | Adjust green value (USER mode only) |
| | Blue | ~0-100 | Adjust blue value (USER mode only) |
| | 6-axis Hue | Red/ Green/ Blue/ Yellow/ Magenta/ Cyan/ Hue Reset | Select the desired hue |
| | 6-axis Saturate | Red/ Green/ Blue/ Yellow/ Magenta/ Cyan/ Saturate Reset | Select the desired saturation |

| | | | |
|---|---|---|---|
| | Low Blue Light | Off/ Low/ Medium/ High/ Maximum High | Low Blue light reduction adjustment |
| | RGB Range | Auto/ RGB (0-255)/ RGB (16-235) | Select the desired RGB range |
| | Game Mode | Standard/ G1/ G2/ G3/ FPS/ RTS | Select the desired game mode |
| | Game Cross | Off/ Cross1/ Cross2/ Cross3/ Cross4 | Select the desired cross hair |
| | Response Time | Off/ Normal/ Best/ High/ Extreme | Select the desired response time |
| | Dynamic Response Time | Off/On | This option will allow you to open or close Dynamic Response Time |
| | FreeSync | Off/On | Enable or disable AMD FreeSync |
| | Refresh Rate | Off/On | Enable or disable monitor Refresh rate |
| | Owl Sight | Off/ Centre/ Full | The owl function enhances details in the black field through local dimming without losing colour |
| | HDR | Off/ On/ Auto | Enable or disable HDR |
| | MPRT | Off/ Weak/ Strong | When the refresh rate reaches 75Hz can MPRT be turned on |
| | DCR | Off/On | Turns dynamic contrast ratio on/off |
| | DDC/CI | Off/On | Enable or disable monitor DDC/ CI |
| | Language | English, 简体中文, 한국어, Р у с с к и й, Español, 日本語, Français | Selects OSD language |
| | Input Source | Auto Source/ HDMI1/ HDMI2/ DP1/ DP2 | Select input source or allow manual selection |

| | OSD H-Position | 0-100 | Adjust OSD horizontal position |
| --- | --- | --- | --- |
| | OSD V-Position | 0-100 | Adjust OSD vertical position |
| | Reset | / | Restore factory defaults |

## Picture Modes

Press the 'Power' button to the left to switch picture modes (Standard, E-Book, Movie, Picture).

Standard mode is suitable for most activities.

ECO            Standard

# Connectivity

## Connecting to Power

1. Plug the provided power adaptor into the monitor's power input port.

2. Connect the power adaptor to a properly grounded electrical outlet.

3. Press and hold the 'Power' button to turn the monitor on.

Power Adapter

## Earphones (Audio Out)

Connect one end of an audio cable (not provided) to the earphone port on the monitor and the other end to your earphones.
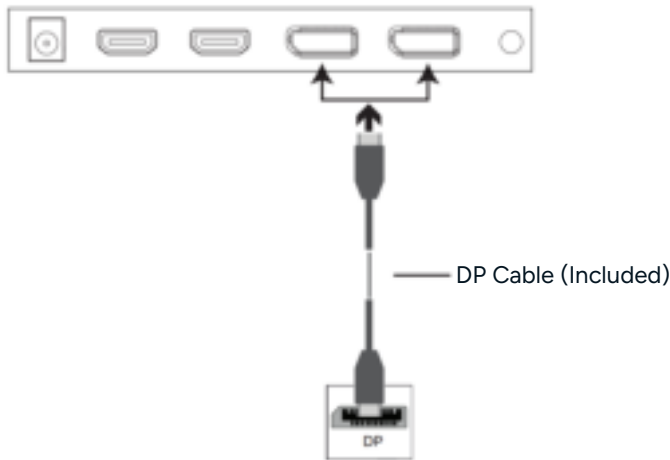
Earphones
(Not Included)
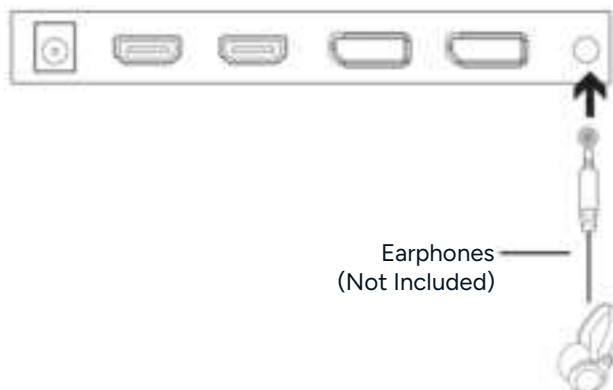
## HDMI

In order for the monitor to receive HDMI signals from the computer or device use the included HDMI cable.

HDMI Cable
(Not Included)

HDMI OUTPUT
PC
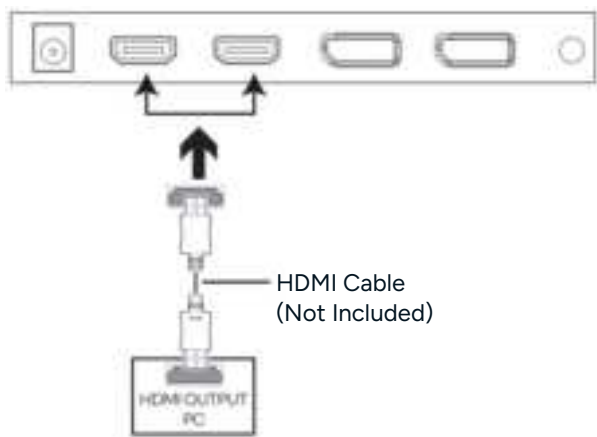
## DisplayPort

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

DP Cable (Included)

DP

# Specifications

| | |
|---|---|
| Screen Size | 27" |
| Aspect Ratio | 16:9 |
| Brightness | 300cd/m² (typical) |
| Panel | IPS |
| Resolution | 2560×1440 |
| Refresh Rate | 180Hz |
| Response Time | 1ms |
| Viewing Angle | ≥178°(H)/178°(V) |
| Contrast Ratio | 1000:1 |
| VESA Mounting | 100 x 100mm |
| Colours | 16.7M |
| Signal Input | HDMI x 2, DP x 2 |
| Power | DC12V⎓4.0A |
| **Audio** | |
| Speakers | NO |
| Audio Out | YES |
| **Accessories** | |
| Power Adapter | YES |
| DP Cable | YES |
| **Additional Functions** | |
| Low Blue Light | YES |
| Flicker Free | YES |
| **Physical Dimensions** | |
| Dimensions (With Stand) | 613.8 x 481.5 x 207.9mm |
| Dimensions (Without Stand) | 613.8 x 362.5 x 68mm |
| Net Weight | 4.05kg |
| Gross Weight | 5.84kg |

**Need more information?**

We hope that this user guide has given you the assistance needed for a simple set-up.

For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **help.Kogan.com**.

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