ROG SWIFT OLED PG27AQDP

USER GUIDE

First Edition
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Notices

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



WARNING: The use of shielded cables for connection of the monitor to the graphics card is required to assure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Canadian Department of Communications Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

This class B digital apparatus complies with Canadian ICES-003.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Réglement sur le matériel brouiller du Canada.

Safety information

- Before setting up the monitor, carefully read all the documentation that came with the package.
- To prevent fire or shock hazard, never expose the monitor to rain or moisture.
- Never try to open the monitor cabinet. The dangerous high voltages inside the monitor may result in serious physical injury.
- If the power supply is broken, do not try to fix it by yourself. Contact a qualified service technician or your retailer.
- Before using the product, make sure all cables are correctly connected and the power cables are not damaged. If you detect any damage, contact your dealer immediately.
- Slots and openings on the back or top of the cabinet are provided for ventilation. Do not block these slots. Never place this product near or over a radiator or heat source unless proper ventilation is provided.
- The monitor should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
- Use the appropriate power plug which complies with your local power standard.

- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- Avoid dust, humidity, and temperature extremes. Do not place the monitor in any area where it may become wet. Place the monitor on a stable surface.
- Unplug the unit during a lightning storm or if it will not be used for a long period of time. This will protect the monitor from damage due to power surges.
- Never push objects or spill liquid of any kind into the slots on the monitor cabinet.
- To ensure satisfactory operation, use the monitor only with UL listed computers which have appropriate configured receptacles marked between 100 ~ 240V AC.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- If you encounter technical problems with the monitor, contact a qualified servicer.
- Provide an earthing connection before the mains plug is connected to the mains. And, when disconnecting the earthing connection, be sure to disconnect after pulling out the mains plug from the mains.
- Please use ADP-150CH B adapter.
- If provided with a 3-pin attachment plug on the power cord, plug the cord into a grounded (earthed) 3-pin outlet. Do not disable the power cord grounding pin, for example, by attaching a 2-pin adapter. The grounding pin is an important safety feature.

Stability Hazard

- The product may fall, causing serious personal injury or death. To prevent injury, this product must be securely attached to the floor/wall in accordance with the installation instructions.
- A product may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
- ALWAYS use cabinets or stands or installation methods recommended by the manufacturer of the product set.

- ALWAYS use furniture that can safely support the product.
- ALWAYS ensure the product is not overhanging the edge of the supporting furniture.
- ALWAYS educate children about the dangers of climbing on furniture to reach the product or its controls.
- ALWAYS route cords and cables connected to your product so they cannot be tripped over, pulled or grabbed.
- NEVER place a product in an unstable location.
- NEVER place the product on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the product to a suitable support.
- NEVER place the product on cloth or other materials that may be located between the product and supporting furniture.
- NEVER place items that might tempt children to climb, such as toys and remote controls, on the top of the product or furniture on which the product is placed.
- If the existing product is going to be retained and relocated, the same considerations as above should be applied.



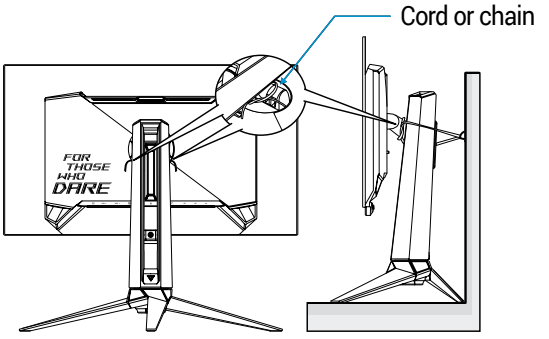
WARNING: Usage of other than specified head- or earphones can result in hearing loss due to excessive sound pressures.

Restriction on Hazardous Substances statement (India)

This product complies with the "India E-Waste (Management) Rules, 2016" and prohibits use of Lead, Mercury, Hexavalent Chromium, polybrominated biphenyls(PBBs) and polybrominated diphenyl ethers(PBDEs) in concentration exceeding 0.1% by weight in homogenous materials and 0.01% by weight in homogenous materials for cadmium, except of exemptions listed in Schedule 2 of the Rule.

Prevent Tipping

When using the display, fasten the LCD to a wall using a cord or chain that can support the weight of the monitor in order to prevent the monitor from falling.



- Display design may differ from those illustrated.
- Installing must be done by a qualified technician , and please contact your supplier for more information.
- For the Models with net weight ≥7kg. Please select the suitable way to Prevent Tipping.
- Please use the method discribed in the above image to tie the cord or chain to the stand and then fix it to the wall.

Care & Cleaning

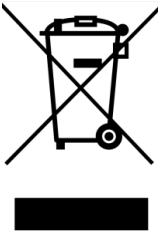
- Before you lift or reposition your monitor, it is better to disconnect the cables and power cord. Follow the correct lifting techniques when positioning the monitor. When lifting or carrying the monitor, grasp the edges of the monitor. Do not lift the display by the stand or the cord.
- Cleaning. Turn your monitor off and unplug the power cord. Clean the monitor surface with a lint-free, non-abrasive cloth. Stubborn stains may be removed with a cloth dampened with mild cleaner.
- Avoid using a cleaner containing alcohol or acetone. Use a cleaner intended for use with the LCD. Never spray cleaner directly on the screen, as it may drip inside the monitor and cause an electric shock.

AEEE yönetmeliğine uygundur

The following symptoms are normal with the monitor:

- The screen may flicker during the initial use due to the nature of the fluorescent light. Turn off the Power Switch and turn it on again to make sure that the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- When the same image is displayed for hours, an afterimage of the previous screen may remain after switching the image. The screen will recover slowly or you can turn off the Power Switch for hours.
- When the screen becomes black or flashes, or cannot work anymore, contact your dealer or service center to fix it. Do not repair the screen by yourself!

WEEE Symbol Statement



The Waste Electrical and Electronic Equipment (WEEE) Directive (Directive 2012/19/EU) is a European Union law that aims to reduce the environmental impact of electrical and electronic equipment. It mandates producers to take responsibility for the end-of-life management of their products, promoting collection, treatment, and recycling to minimize waste and encourage resource recovery.

Do not throw your Electronic and electrical equipment in municipal waste.

The symbol of the crossed-out wheeled bin on the product or packaging indicates that this product (including any batteries it contains), must not be disposed of with your household waste.

To prevent potential harm to the environment and human health, a collection framework should be used to return, recycle, and recover waste electrical and electronic equipment (WEEE), and this product has been designed to enable the reuse of parts and facilitate the recycling of certain materials.

Improper disposal may involve risks due to the presence of hazardous substances within electrical and electronic equipment, such as lead and BFR and other harmful components.

Check your local recycling services for electronic products. (https://esg.asus.com/en/circular-economy/resource-regeneration/global-take-back-service)

Conventions used in this guide



WARNING: Information to prevent injury to yourself when trying to complete a task.



CAUTION: Information to prevent damage to the components when trying to complete a task.



IMPORTANT: Information that you MUST follow to complete a task.



NOTE: Tips and additional information to aid in completing a task.

Where to find more information

Refer to the following sources for additional information and for product and software updates.

1. **ASUS websites**
   The ASUS websites worldwide provide updated information on ASUS hardware and software products. Refer to **http://www.asus.com**
2. **Optional documentation**
   Your product package may include optional documentation that may have been added by your dealer. These documents are not part of the standard package.

Takeback services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for our customers to be able to responsibly recycle our products, batteries and other components as well as the packaging materials.

Please go to http://csr.asus.com/english/Takeback.htm for detail recycling information in different region.

Product information for EU energy label

PG27AQDP

1.1 Welcome!

Thank you for purchasing the ASUS® OLED monitor!

The latest widescreen OLED monitor from ASUS provides a crisper, broader, and brighter display, plus a host of features that enhance your viewing experience.

With these features, you can enjoy the convenience and delightful visual experience that the monitor brings to you!

1.2 Package Contents

Check your package for the following items:

- ✓ OLED Monitor
- ✓ Monitor Stand
- ✓ Monitor Base
- ✓ Changeable Films
- ✓ LED Projection Cover
- ✓ Quick Start Guide
- ✓ Warranty Card
- ✓ 1x Power Cord
- ✓ 1x HDMI Cable
- ✓ 1x DP Cable
- ✓ 1x USB 3.2 Cable
- ✓ 1x Power Adapter
- ✓ 1x ROG Wall Mount Kit
- ✓ 1 x ROG Pouch
- ✓ ROG Sticker
- ✓ Color Calibration Testing Report
- ✓ Microfiber Cloth



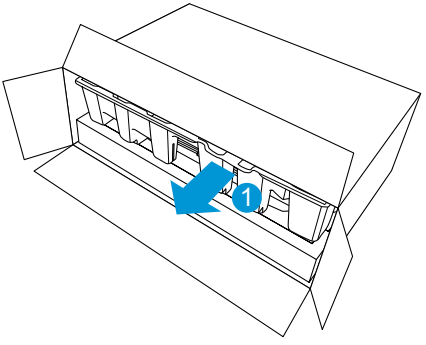
- If any of the above items is damaged or missing, contact your retailer immediately.

1.3 Assembling the Monitor

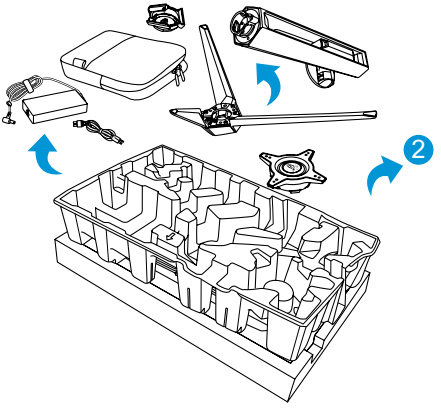
To assemble the monitor:

- While assembling the monitor stand/base, we recommend that you keep the monitor inside its EPE (Polyethylene) foam.

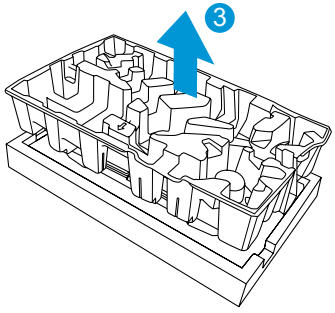
1. Remove the packaging assembly from the box.



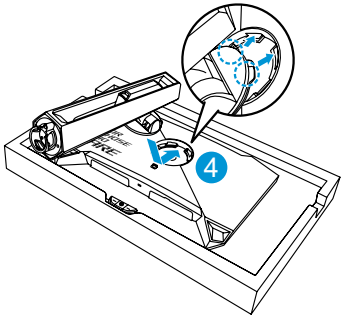
2. Take out all accessories from the upper molded pulp packaging.



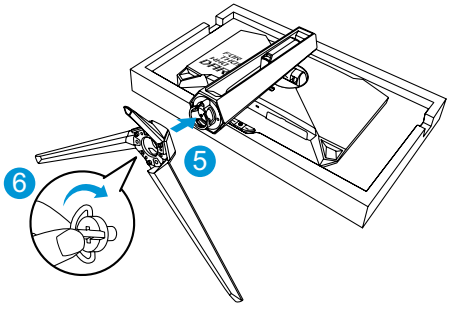
3. Remove the molded pulp packaging.



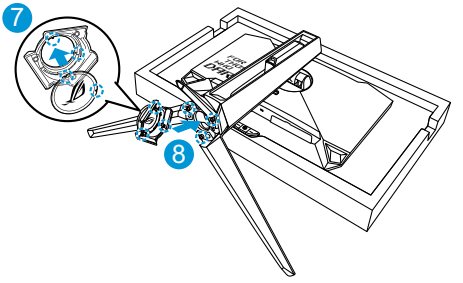
4. Align and install the stand to its compartment on the rear of the monitor.



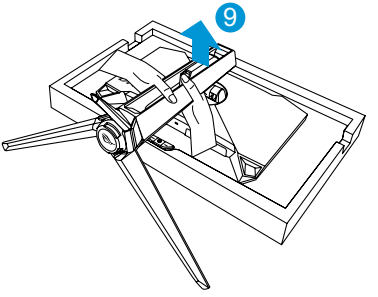
5. Align and install the base to the stand.
6. Fix the base to the stand by fastening the bundled screw.



7. Place the changeable film into the LED projection cover.
8. By aligning with the magnetic pads, install the LED projection cover to the stand.



9. Remove the monitor from the bottom EPE foam.

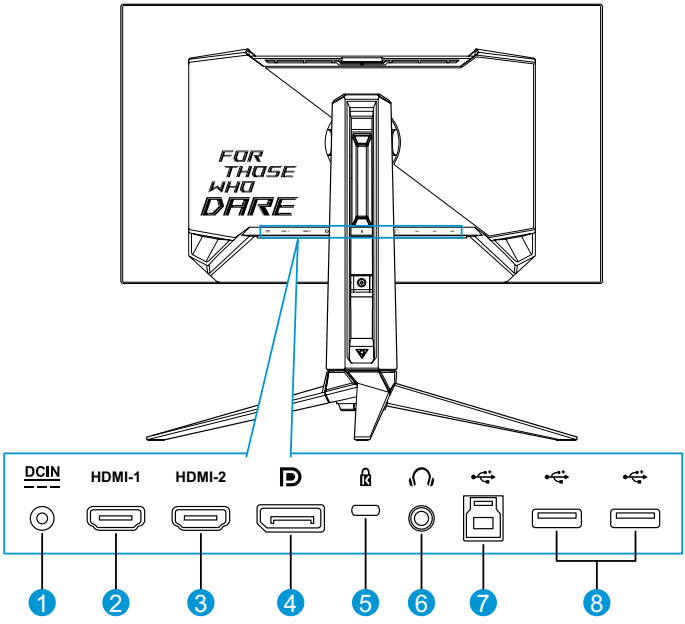


- Please do not hold the panel, we recommend hold the monitor stand to pick up monitor.
- Base screw size is M5 x 25 mm.

Adjust the monitor to the angle that is most comfortable for you.

1.4 Connect Cables

1.4.1 Rear of the OLED Monitor

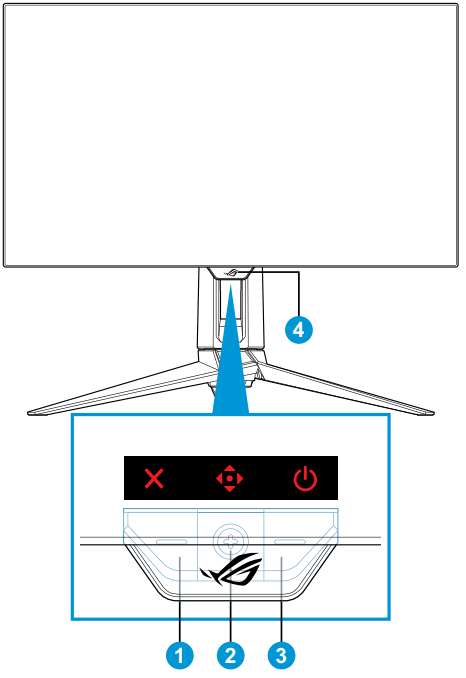


1. DC-IN Port
2. HDMI-1 Port
3. HDMI-2 Port
4. DisplayPort
5. Kensington Lock
6. Earphone Jack
7. USB Type-B Port
8. USB Type-A Ports

1.5 Monitor Introduction

1.5.1 Using the Control Buttons

Use the control buttons on the rear of the monitor to adjust the monitor settings.



1. ✕ Input Select / Close Button:
   - When the OSD menu is OFF, press to activate the **Input Select** hotkey.
   - When the OSD menu is ON, press to exit the OSD menu.
2. Hotkey / Navigation Button:

   a. When the OSD menu is OFF:
   - : Press to activate the OSD menu.
   - : Move the button up to activate the **GameVisual** hotkey.

- : Move the button down to activate the **Pixel Cleaning** hotkey.
- : Move the button right to activate the **GamePlus** hotkey.
- : Move the button left to activate the **AI Assistant** hotkey.

- To change the hotkey function, go to the **MyFavorite** > **Shortcut** menu.
- For more information on GamePlus function, refer to page 1-8.
- For more information on GameVisual function, refer to page 1-11.

b. When the OSD menu is ON:

- : Press to confirm the selection.
- : Move the button up/down to navigate through the settings.
- : Move the button right to move to the next menu.
- : Move the button left to exit the OSD menu or move to the previous menu.

3. Power Button:
   - Press this button to turn the monitor on/off.
   - To turn off the monitor, press this button and move the button up/down to select **Turn Off**. Then press the button to confirm.



4. Power Indicator:
   - The color definition of the power indicator is as the table below.

Status	Description
Red	ON
Amber	Standby mode
OFF	OFF

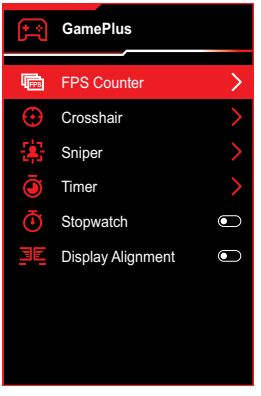
1.5.2 GamePlus Function

The GamePlus function provides a toolkit and creates a better gaming environment for users when playing different types of games. The crosshair overlay with several crosshair options letting you choose the one that best suits the game you're playing. Sniper function (only available when HDR is disabled on your device) is customized for first-person shooters. There are also on screen timer and stopwatch you can position on the left of the display so you can keep track of the gaming time. You can also select the type of alignment in sequence.

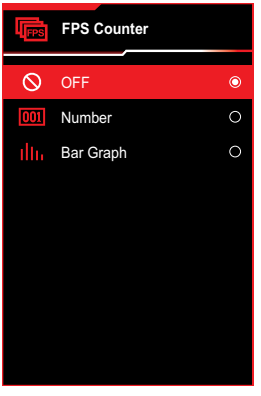
To activate GamePlus:

1. Press the GamePlus hotkey. By default, the button right is set as GamePlus hotkey.
   To change the hotkey function, go to the **MyFavorite** > **Shortcut** menu.
2. Move the button up/down to select among different functions.
3. Press the button or move the button right to confirm the function you choose, and move the button up/down to navigate through the settings. Move the button left to go back, off, or exit.
4. Highlight the desired setting and press the button to activate it. Once the function is activated, press the ✕ button to inactivate it.

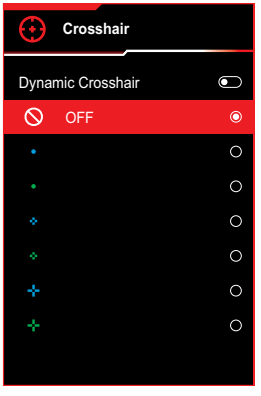
GamePlus Main Menu



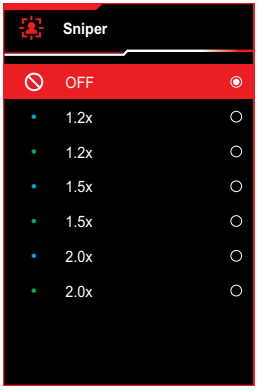
GamePlus — FPS Counter



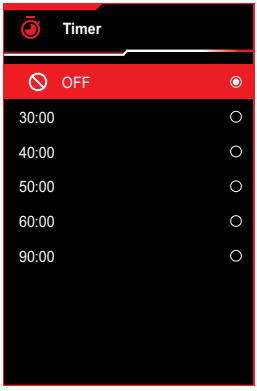
GamePlus — Crosshair



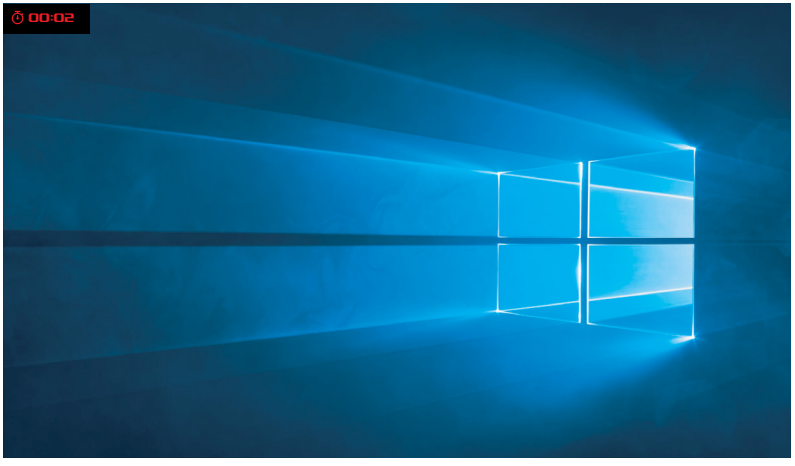
GamePlus – Sniper



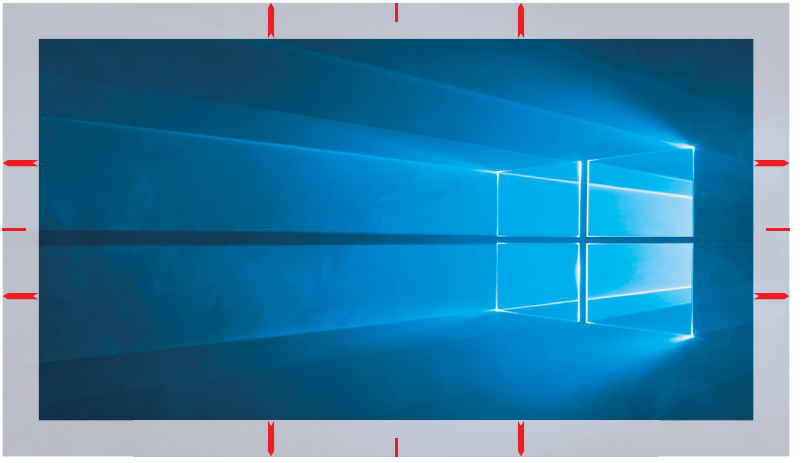
GamePlus – Timer



GamePlus – Stopwatch



GamePlus — Display Alignment



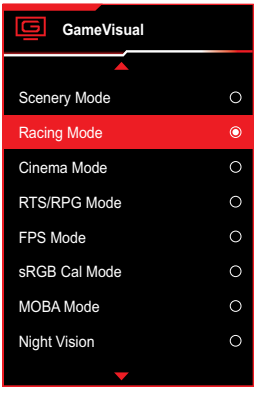
1.5.3 GameVisual Function

The GameVisual function helps you select among different picture modes in a convenient way.

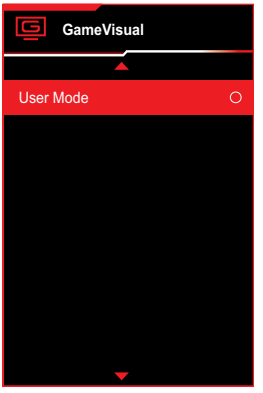
To activate GameVisual:

1. Press the GameVisual hotkey. By default, the button up is set as GameVisual hotkey.
   To change the hotkey function, go to the **MyFavorite** > **Shortcut** menu.
2. Move the button up/down to select among different modes.
   - **Scenery Mode**: This is the best choice for scenery photo displaying with GameVisual™ Video intelligence Technology.
   - **Racing Mode**: This is the best choice for racing game playing with GameVisual™ Video intelligence Technology.
   - **Cinema Mode**: This is the best choice for movie watching with GameVisual™ Video intelligence Technology.
   - **RTS/RPG Mode**: This is the best choice for Real-Time Strategy (RTS)/ Role-Playing Game (RPG) playing with GameVisual™ Video intelligence Technology.
   - **FPS Mode**: This is the best choice for First Person Shooter game playing with GameVisual™ Video intelligence Technology.
   - **sRGB Cal Mode**: This is the best choice for viewing photos and graphics from PCs.
   - **MOBA Mode**: This is the best choice for Multiplayer Online Battle Arena (MOBA) games playing with GameVisual™ Video intelligence Technology.
   - **Night Vision**: This is the best choice for dark scenery playing GameVisual™ Video intelligence Technology.
   - **User Mode**: More items are adjustable in the Color menu.

- In the **Racing** mode, the **Saturation** and **Sharpness** functions are not user-configurable.
- In the **sRGB Cal** mode, the **Saturation**, **Color Temp.**, **Sharpness**, and **Contrast** functions are not user-configurable.
- In the **MOBA** mode, the **Saturation** function is not user-configurable.



(Page 1/2)



(Page 2/2)

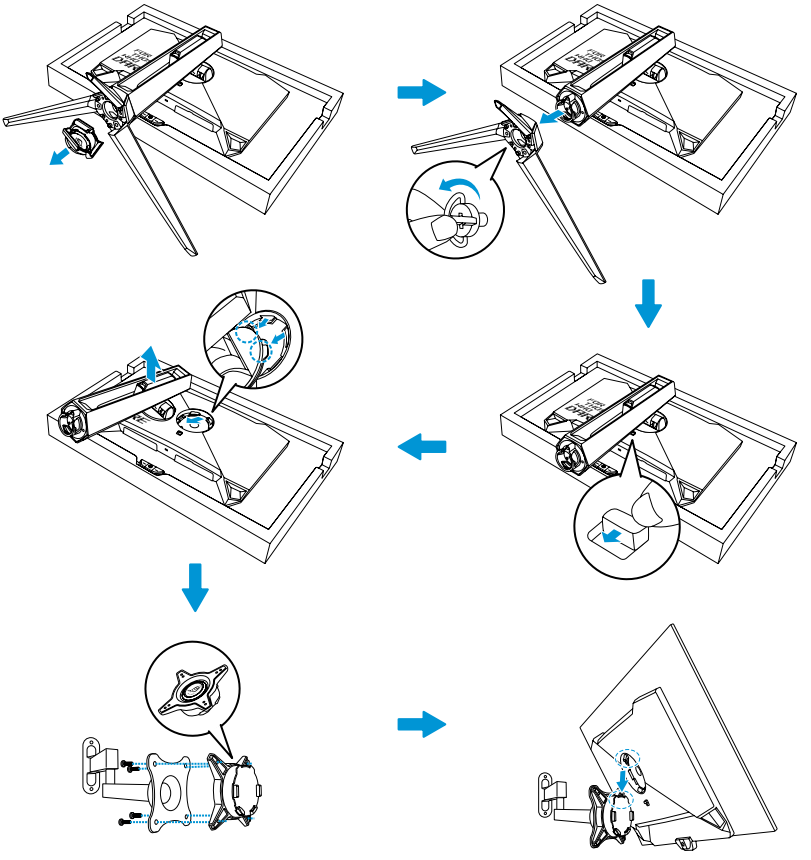
3. Press the button to confirm the selection.

2.1 Detaching the Stand (for VESA Wall Mount)

- Avoid damaging the monitor surface. While detaching the monitor stand, always keep the monitor inside its EPE foam.

The detachable stand of this monitor is specially designed for VESA wall mount.

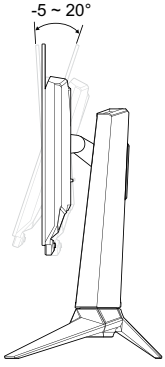
1. Disconnect power and signal cables. Carefully put the monitor facedown on its EPE foam. Then remove the LED projection cover.
2. Release the bundled screw and remove the base from the stand.
3. Press the release button to detach the stand from the monitor.
4. Remove the stand from the monitor.
5. Install the wall mount bracket to VESA wall mount kit.
6. Install VESA wall mount kit if you need to use VESA wall mount.

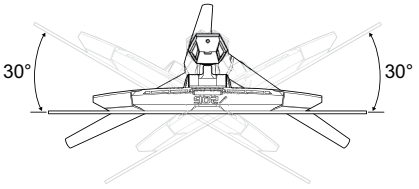


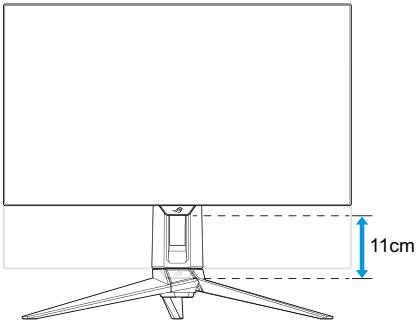
- The VESA wall mount kit (100 x 100 mm).
- Use only the UL Listed Wall Mount Bracket with minimum weight/load 22.7kg (screw size is M4 x 10 mm).

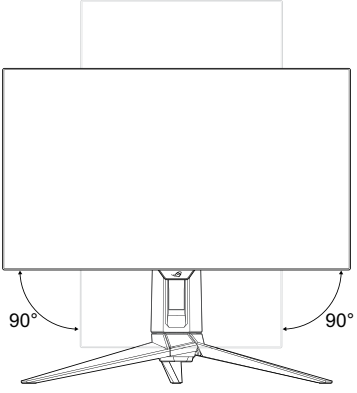
2.2 Adjusting the Monitor

- For optimal viewing, we recommend that you look at the full face of the monitor, then adjust the monitor to the angle that is most comfortable for you.
- Hold the stand to prevent the monitor from falling when you change its angle.
- You can adjust the monitor's angle from -5° to 20° and it allows 30° swivel adjustment from either left or right. You can also adjust the monitor's height within ±11 cm and rotate the monitor (90° clockwise or counter-clockwise) to portrait orientation.









- It is normal that the monitor slightly shakes while you adjust the viewing angle.

3.1 OSD (On-Screen Display) Menu

3.1.1 How to Reconfigure

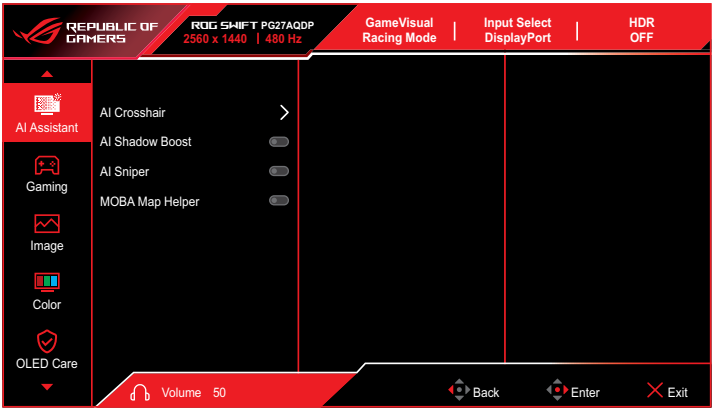


1. Press the button to display the OSD menu.
2. Move the button up/down to navigate through the functions. Highlight the desired function and press the button or move the button right to enter its sub-menu. In submenu, move the button up/down again to navigate through the sub-menu functions. Highlight the desired sub-menu function and press the button to select an option or move the button up/down to adjust the setting.
3. Move the button up/down to change the settings of the selected function.
4. To exit and save the OSD menu, press the ✕ button or move the button left repeatedly until the OSD menu disappears. To adjust other functions, repeat steps 1 to 3.

3.1.2 OSD Function Introduction

1. AI Assistant

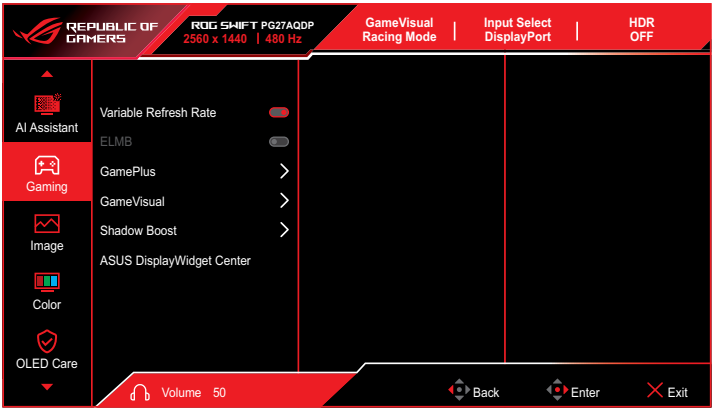
Configure AI Assistant preferences for your game.



- **AI Crosshair**: The aimpoint will automatically changes its color into contrast color against its background ensuring vivid aimpoint in first-person shooter.
- **AI Shadow Boost**: The Dynamic Shadow Boost can adjust the black and white levels with K zones automatically to the utmost performance with more natural look and feel.
- **AI Sniper**: The aimpoint will automatically zoom in when it is aiming at the enemy in every practice, helping you to aim precisely.
- **MOBA Map Helper**: This works by analyzing the on-screen mini-map to see where enemy gathers and alert you by flashing red lights in the mini map.

2. Gaming

Configure your gaming preferences.



- **Variable Refresh Rate**: Allows an Variable Refresh Rate supported graphics source to dynamically adjust display refresh rate based on typical content frame rates for power efficient, virtually stutter free and low-latency display update.

- The **Variable Refresh Rate** function can only be activated within 40Hz ~ 480Hz.
- In **Power saving** mode, the default VRR is 60Hz.

- **ELMB**: Turns on/off the ELMB (Extreme Low Motion Blur) function. ELMB works on vertical frequency 120Hz/240Hz.

- To activate **ELMB**, turn off **Variable Refresh Rate** function first.

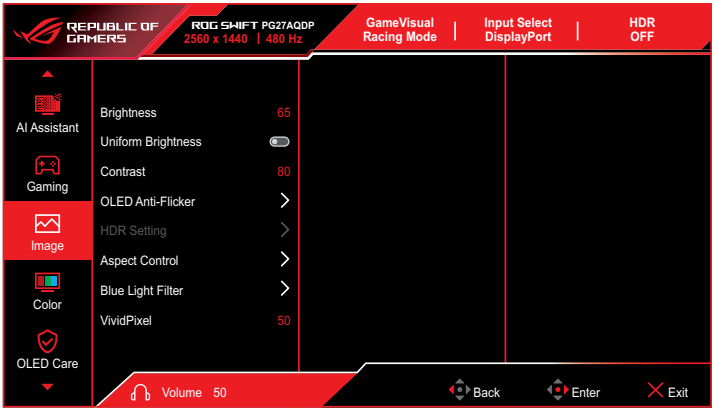
- **GamePlus**: Configures the gaming environment. For more information, refer to pages 1-8 and 1-10.
- **GameVisual**: Selects the picture mode. For more information, refer to pages 1-11 and 1-12.
- **Shadow Boost**: Adjusts the monitor gamma curve to enrich the dark tones in an image making dark scenes and objects much easier be found. Available options: **OFF**, **Dynamic Adjustment**, and **Level 1** ~ **Level 3**.

- **ASUS DisplayWidget Center**: Scan the QR code and download the custom-built app for ASUS monitors that allows you to control monitor settings such as brightness, contrast, and color temperature, all with just a few clicks of your mouse.

ASUS DisplayWidget Center

3. Image

Configure the image parameters.



- **Brightness**: Adjusts the brightness level. The adjusting range is from **0** to **100**.
- **Uniform Brightness**: With the feature enabled, the system will not adjust the maximum brightness of the screen when the screen is displayed in a different screen size.
- **Contrast**: Adjusts the contrast level. The adjusting range is from **0** to **100**.
- **OLED Anti-Flicker**: Designed to enhance your viewing experience by stabilizing the refresh rate within a specified range.

- The feature performance may vary depending on the monitor model and environment.
- The OLED anti-flicker can be enabled only at 240Hz for 1080P and 1440P.

- **HDR Setting**: High Dynamic Range. Contains several HDR modes. The HDR mode is selectable when input video is correct HDR source.

- When detecting HDR content, an “HDR ON” message will pop up. When displaying HDR content, the following function(s) are not available: GameVisual, Shadow Boost, Brightness, Contrast, Aspect Control, Blue Light Filter, Color Temp., Gamma, Saturation.

- **Aspect Control**: Adjusts the aspect ratio to **16:9** or **Square** to enjoy different gaming scenario.



- **16:9**: Simply choose **Fill Up** or **24.5" Simulation** under **Full** for better FPS gaming size; or you can choose **Pixel by pixel**, such as 3288 x 1850 resolution for 27" under Windows Display Setting.
- **Square**: Provides multiple aspect ratio choices with different screen sizes, including **Full**, **Equivalent**, and **Pixel by pixel**.

- **Blue Light Filter**: Reduces the energy level of blue light emitted from the panel. To turn off the **Blue Light Filter**, select **OFF**.



- When **Blue Light Filter** is activated, the default settings of **Racing Mode** will be automatically imported.
- Between **Level 1** to **Level 3**, the Brightness function is user-configurable.
- **Level 4** is optimized setting. The Brightness function is not user-configurable.
- The monitor uses low blue light panel and compliance with TÜV Rheinland Low Blue Light Hardware Solution at factory reset/default setting mode.

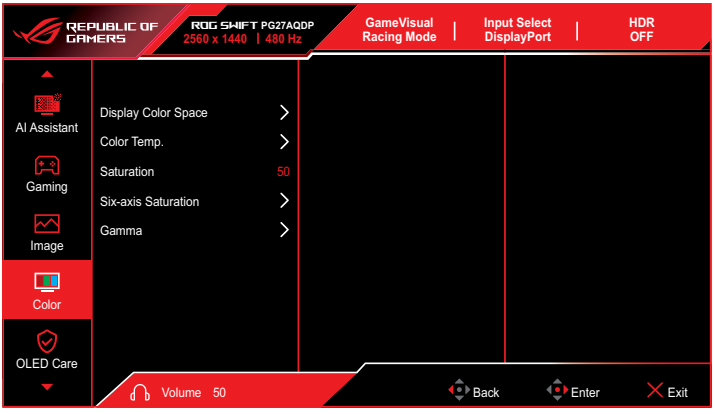


- Please refer to the following to alleviate eye strains:
- Users should take some time away from the display if working for long hours. It is advised to take short breaks (at least 5 mins) after around 1 hour of continuous working at the computer. Taking short and frequent breaks is more effective than a single longer break.
- To minimize eye strain and dryness in your eyes, users should rest the eye periodically by focusing on objects that are far away.
- Eye exercises can help to reduces eye strain. Repeat these exercises often. If eye strain continues please consult a physician.
  Eye exercises: (1) Repeating look up and down (2) Slowly roll your eyes (3) Move your eyes diagonal.
- High energy blue light may lead to eye strain and AMD (Age-Related Macular Degeneration). Blue light filter to reduce 70% (max.) harmful blue light to avoiding CVS (Computer Vision Syndrome).

- **VividPixel**: ASUS Exclusive Technology that brings lifelike visuals for crystal-clear and detail-oriented enjoyment. The adjusting range is from **0** to **100**.

4. Color

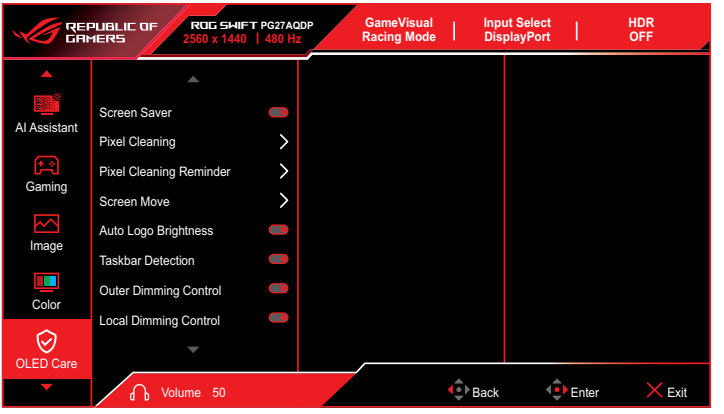
Select the image color you like from this menu.



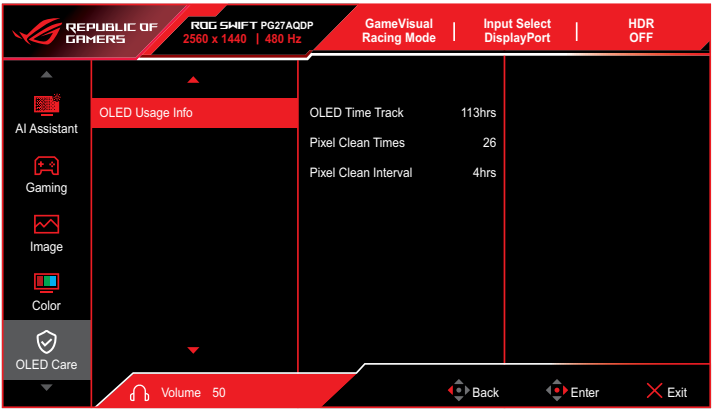
- **Display Color Space**: Selects the color space for the monitor color output.
- **Color Temp.**: Selects the desired color temperature.
- **Saturation**: Adjusts the saturation level.
- **Six-axis Saturation**: Adjusts the saturation for R, G, B, C, M, Y.
- **Gamma**: Sets the color mode.

5. OLED Care

Configure the screen protection related settings.



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(Page 2/2)

- **Screen Saver**: Disables or enables the screen saver function. The screen brightness will automatically decrease when there is no change on the screen.

- **Pixel Cleaning**: It calibrates any issues that may arise on the screen when your monitor has been turned on for a long time. The process will take approximately 6 minutes. This function will automatically activate when the monitor is turn off. Do not unplug the power cord while it is in progress. If you power on the monitor, the Pixel Cleaning will stop operating.
- **Pixel Cleaning Reminder**: Sets a reminder for user to perform the Pixel Cleaning.

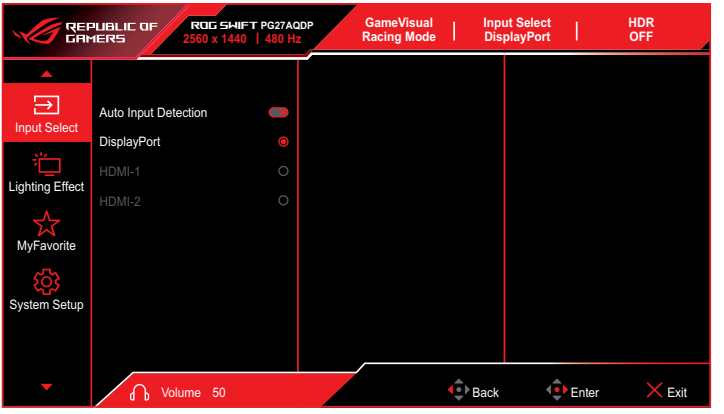


- The screen may have mura and image sticking due to OLED characteristic during the initial use or re-used after a long time. It is advised to perform Pixel Cleaning while turning on monitor to make sure situation disappear.

- **Screen Move**: Selects the screen movement level to prevent image sticking on the display panel.
- **Auto Logo Brightness**: Enables this function to allow the system to automatically adjust the logo brightness to correct the potential picture quality issues.
- **Taskbar Detection**: It detects UI areas such as taskbar / menu bar and controls brightness, thereby improving the occurrence of image sticking in the outer part of the screen.
- **Outer Dimming Control**: Peak luminance optimize by image analysis.
- **Local Dimming Control**: It detects image information and balance luminance by analyzing image deviation.
- **OLED Usage Info**: Records the number of times the Pixel Cleaning has been performed and displays the Pixel Cleaning interval information.

6. Input Select

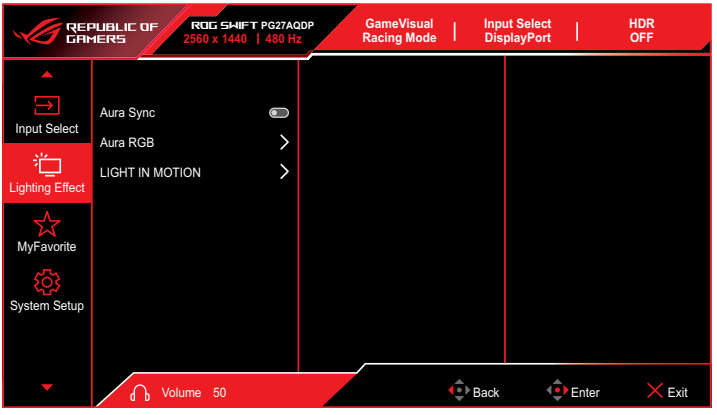
Select the input source.



- **Auto Input Detection**: When enabled, the system will automatically select the latest inserted I/O port.
- **Input Source**: Manually select the input source.

7. Lighting Effect

Configure the lighting effect for the rear cover and base cover.



- **Aura Sync**: Allows you to turn on or off the Aura Sync function that synchronizes the Aura RGB light effect among all supported devices.

- The **Aura RGB** function will be disabled when **AURA Sync** is turned on.

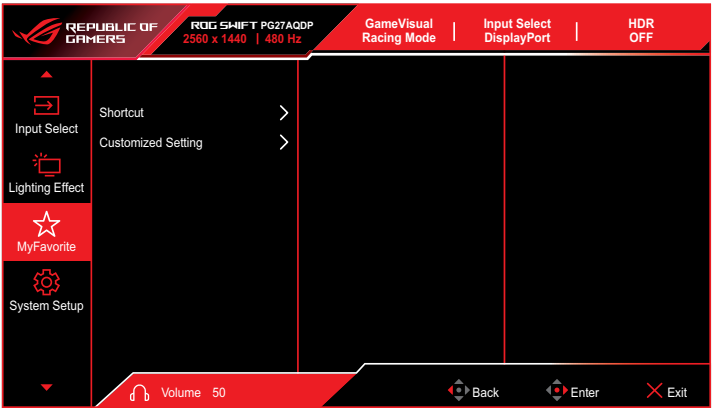
- **Aura RGB**: There are five living colors that can be chosen: **Rainbow**, **Color Cycle**, **Static**, **Breathing**, **Strobing**, and **OFF**. You can manually change the R/G/B/C/M/Y color for **Static**, **Breathing**, and **Strobing** modes.

- The **Aura Sync** function will be disabled when **AURA RGB** is turned on.

- **LIGHT IN MOTION**: Selects the brightness level of the light on the stand. The adjusting range is from **Level 1** ~ **Level 3** and **OFF**.

8. MyFavorite

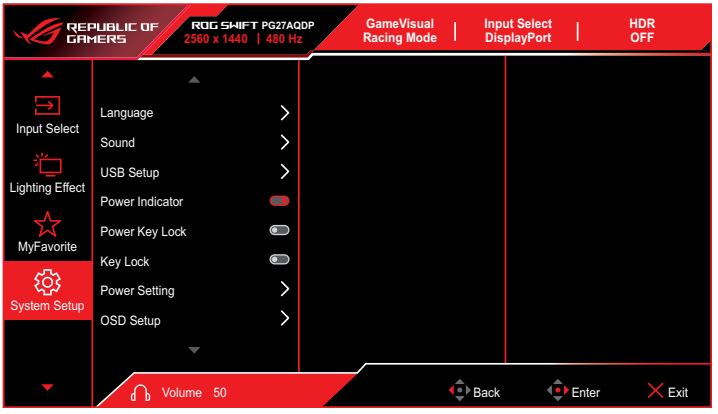
You can adjust Shortcut and Customized Setting from this main function.



- **Shortcut**: User can select from **AI Assistant**, **GamePlus**, **GameVisual**, **Brightness**, **Mute**, **Shadow Boost**, **Contrast**, **Input Select**, **HDR Setting**, **Blue Light Filter**, **Color Temp.**, **Volume**, **Pixel Cleaning**, **Customized Setting-1**, **Customized Setting-2** and set as shortcut key.
- **Customized Setting**: You can do your setting according to your preference.

9. System Setup

Adjust the system configuration.



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(Page 2/2)

- **Language**: Selects an available language for the OSD menu. The options include **English**, **French**, **German**, **Spanish**, **Italian**, **Dutch**, **Russian**, **Polish**, **Czech**, **Croatian**, **Hungarian**, **Romanian**, **Portuguese**, **Turkish**, **Simplified Chinese**, **Traditional Chinese**, **Japanese**, **Korean**, **Persian**, **Thai**, **Indonesian**, **Ukrainian**, and **Vietnamese**.

- **Sound:**
  - **Volume**: Adjusts the volume level from **0** to **100**.
  - **Mute**: If checked, mutes the volume.
- **USB Setup**: Sets the USB Hub availability during standby.
- **Power Indicator**: Turns the power LED indicator on/off.
- **Power Key Lock**: Disables or enables the power key.
- **Key Lock**: Enable this function to disable all function keys. Press the button down for more than five seconds to cancel the key lock function.
- **Power Setting**: Selects the power setting between **Performance Mode** and **Power Saving Mode**.



- In **Power Saving** mode, the screen brightness will be lowered and the monitor will consume less power. If you need to keep higher brightness level then set the **Power Setting** to **Performance Mode**.
- Please turn off HDR function before activating the **Power Saving Mode**.
- To ensure compliance with Erp's energy-saving requirements, please maintain the refresh rate at default 60Hz.

- **OSD Setup**:
  - **OSD Position**: Sets the OSD menu position.
  - **OSD Timeout**: Adjusts the OSD timeout.
  - **Transparency**: Adjusts the OSD background from opaque to transparent.
  - **DDC/CI**: Disables or enables the DDC/CI function.



- The **DDC/CI** function will be disabled when **VRR** is activated. To configure the **DDC/CI** function, **VRR** needs to be turned off.

- **DisplayPort Stream**: Selects **DisplayPort 1.2** or **DisplayPort 1.4** according to the graphic card DP version.
- **DSC Support**: Enables or disables the DSC (Display Stream Compression) support.
- **Information**: Displays the monitor information**.**
- **All Reset**: Select **YES** to revert all settings to the factory default mode.

3.2 Aura Sync

Aura is the RGB lighting system controlled by the **Armoury Crate** software, supported on compatible devices such as monitors, motherboards, graphics cards, and desktop PCs.
With Aura, you can:

1. Adjust the RGB lighting color
2. Select different lighting effects
3. Calibrate the LEDs for more accurate color representation

To activate Aura:

1 Turn on **Aura Sync** in the OSD menu.
2 Connect the monitor to your computer using the **USB Type-B port.**
3 Install **Armoury Crate**, then restart your computer.
4 Launch **Armoury Crate** to control the lighting settings.

Overview of Armoury Crate features:

Lighting Control: Customize device lighting colors and brightness
Lighting Effects: Support for multiple dynamic effects, such as breathing, flashing, and rainbow
Sync Control: Synchronize lighting across multiple Aura-supported devices
Color Calibration: Fine-tune RGB colors for more accurate display
Profiles: Create and save multiple lighting profiles for easy switching

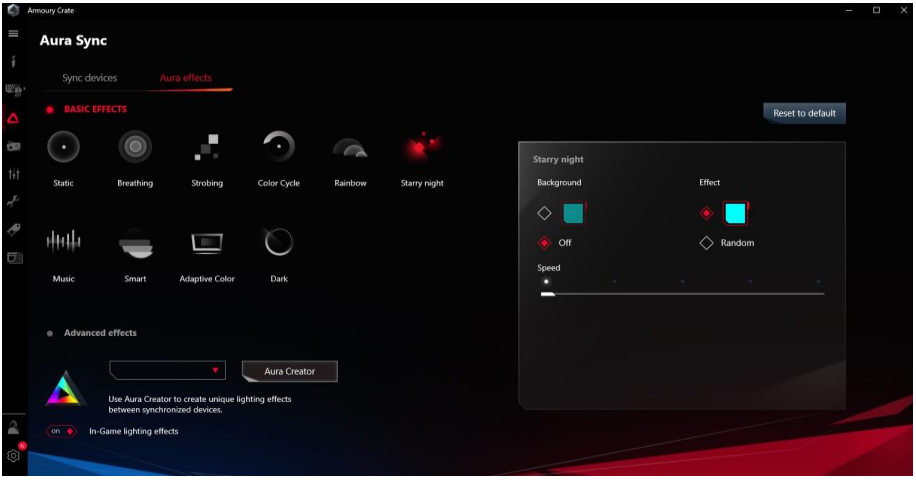
Note:

If the **USB Type-B** connection between the monitor and the computer is disconnected, Aura will be disabled. To resume Aura functionality:

1 Reconnect the monitor's **USB Type-B** port to the computer.
2 Restart the computer.

For more information, visit: https://rog.asus.com/tag/aura-sync/

Below is the overview of this program.



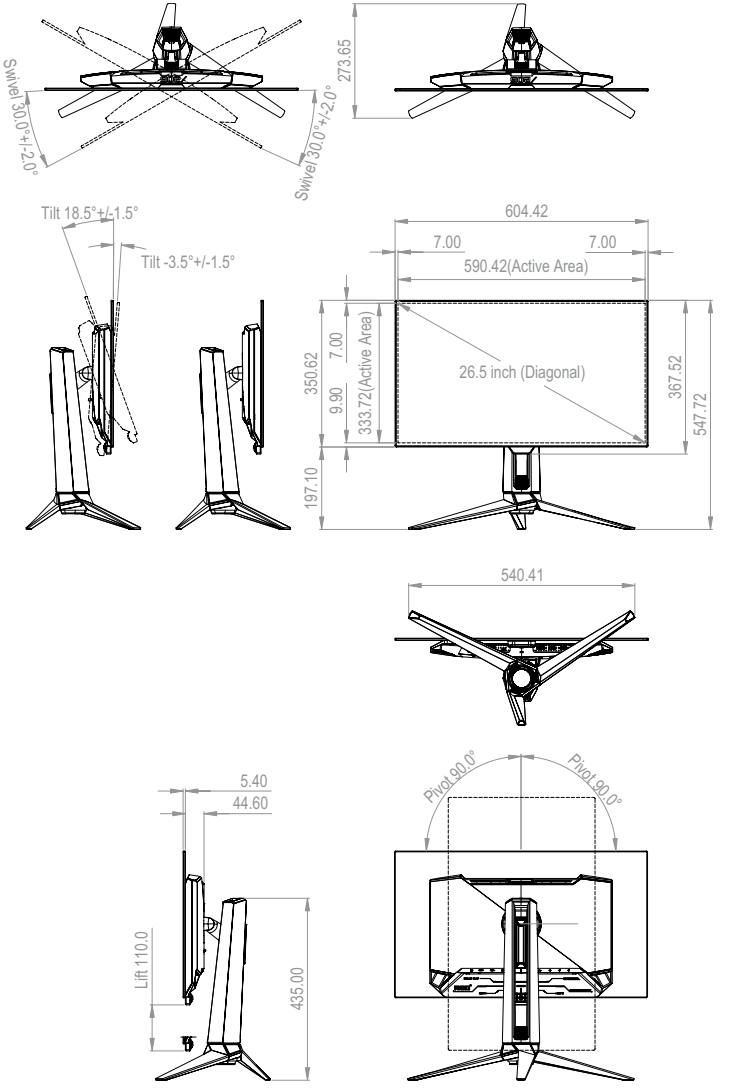
3.3 Specifications

Model	PG27AQDP
Panel Type	OLED
Panel Size	26.50" (67.32cm)
Max. Resolution	2560 x 1440
Brightness (Typ.)	• 275 cd/m^2 (APL 100%) • 450 cd/m^2 (APL 25%) (Center 1point , Typ.)
Contrast Ratio (Typ.)	1,500,000:1
Viewing Angle	• 178° (R/L) • 178° (U/D)
Display Colors	1.07 Billion colors (10 bit)
Response Time	0.03 ms
HDMI Input	Yes
DisplayPort Input	Yes
USB3.0 Port	• Upstream x1 • Downstream x2
Earphone	Yes
Power ON Consumption	27W (Measuring a screen brightness of 200 nits without audio/USB/Card reader connection)
Chassis Colors	Black
Power LED	• Red (On) • Orange (Standby) • Blinking Orange (Pixel Cleaning)
Power Saving Mode	< 0.5W
Power Off Mode	< 0.3W
Tilt	-5° ~ +20°
Swivel	±30°
Height Adjustment	110.0 mm
Vesa Wall Mount	100 x 100
Phys. Dimension with Stand (WxHxD)	605 x (438~548) x 274 mm
Phys. Dimension without Stand (WxHxD)	605 x 368 x 50 mm

Model	PG27AQDP
Box Dimension (WxHxD)	690 x 440 x 220 mm
Net Weight (Esti.)	6.2 kg
Gross Weight (Esti.)	9.4 kg
Voltage Rating	Adaptor 20V, 7.5A
Temperature	• Operating temperature: 0~40°C • Storage temperature: -30~65°C

* Specifications subject to change without notice.

3.4 Outline Dimensions



3.5 Troubleshooting (FAQ)

Problem	Possible Solution
Power LED is not ON	• Press the ⏻ button to check if the monitor is turned on. • Check if the adapter and power cord are properly connected to the monitor and the power outlet. • Check the **Power Indicator** function in the OSD menu. Select "ON" to turn on the power LED.
The power LED lights red and there is no screen image	• Check if the monitor and the computer are turned on. • Make sure the signal cable is properly connected to the monitor and the computer. • Inspect the signal cable and make sure none of the pins are bent. • Connect the computer with another available monitor to check if the computer is properly working.
Screen image is too light or dark	• Adjust the **Contrast** and **Brightness** settings via OSD.
Screen image bounces, a wave pattern or abnormal picture is present in the image	• Make sure the signal cable is properly connected to the monitor and the computer. • Move electrical devices that may cause electrical interference. • Remove the adapter and plug it again to the power outlet. Then turn on the monitor.
Screen image has color defects (white does not look white)	• Inspect the signal cable and make sure that none of the pins are bent. • Perform **All Reset** via OSD. • Select the appropriate color temperature (**Color Temp.**) via OSD.
No sound or sound is low	• Adjust the volume settings of your monitor or computer. • Make sure the computer sound card driver is properly installed and activated. • Check the audio source.

3.6 Supported Timing List

Supported Timing

Timing	Resolution	HDMI	DP
PC Timing	640x480 60Hz	V	V
PC Timing	640x480-75Hz	V	V
PC Timing	800x600-60Hz	V	V
PC Timing	800x600-75Hz	V	V
PC Timing	1024x768-60Hz	V	V
PC Timing	1024x768-75Hz	V	V
PC Timing	1280x800-60Hz	V	V
PC Timing	1280x960-60Hz	V	V
PC Timing	1280x1024-60Hz	V	V
PC Timing	1600x1200-60Hz	V	V
PC Timing	1920x1080-60Hz	V	V
PC Timing	1920x1080-240 Hz	V	V
PC Timing	1920x1080-480 Hz	V	V
PC Timing	2560x1440-60 Hz	V	V
PC Timing	2560x1440-120 Hz	V	V
PC Timing	2560x1440-144 Hz	-	V
PC Timing	2560x1440-180 Hz	-	V
PC Timing	2560x1440-240 Hz	V	V
PC Timing	2560x1440-360 Hz	V	V
PC Timing	2560x1440-480 Hz	V	V
Video Timing	640x480p-60 Hz	V	V
Video Timing	720x480p-60 Hz	V	V
Video Timing	720x480p-60 Hz	V	V
Video Timing	1280x720p-60 Hz	V	V
Video Timing	1920x1080p-60 Hz	V	V
Video Timing	720x576p-50 Hz	V	V
Video Timing	1280x720p-50 Hz	V	V
Video Timing	1920x1080p-50 Hz	V	V
Video Timing	1920x1080p-24 Hz	V	V

Timing	Resolution	HDMI	DP
Video Timing	1920x1080p-25 Hz	V	V
Video Timing	1920x1080p-30 Hz	V	V
Video Timing	1920x1080p-100 Hz	V	V
Video Timing	1920x1080p-120 Hz	V	V
Video Timing	3840x2160p-24 Hz	V	-
Video Timing	3840x2160p-25 Hz	V	-
Video Timing	3840x2160p-30 Hz	V	-
Video Timing	3840x2160p-60 Hz	V	-
Video Timing	3840x2160p-50 Hz	V	-
Video Timing	3840x2160p-120 Hz	V	-
Video Timing	3840x2160p-100 Hz	V	-

24.5" Simulation Timing

Timing	Resolution	HDMI	DP
Detail Timing	2368x1332-60Hz	V	V
Detail Timing	2368x1332-120Hz	V	V
Detail Timing	2368x1332-240Hz	V	V
Detail Timing	2368x1332-360Hz	V	V
Detail Timing	2368x1332-480Hz	V	V

Square Timing

Timing	Resolution	HDMI	DP
Detail Timing	1024x768-480Hz	V	V
Detail Timing	1920x1440-480Hz	V	V
Detail Timing	1440x1080-480Hz	V	V
Detail Timing	1280x960-480Hz	V	V
Detail Timing	1728x1080-480Hz	V	V

* The modes not listed in the above tables may not be supported. For optimal resolution, we recommend that you choose a mode listed in the above tables.


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