

# benq



## XL

**MONITOR FOR  
e-SPORTS**

XL Series  
User Manual

# Copyright

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BenQ flicker-free technology maintains a stable backlight with a DC dimmer that eliminates the primary cause of monitor flicker, making it easier on the eyes. The performance of flicker-free may be affected by external factors such as poor cable quality, unstable power supply, signal interference, or poor grounding, and not limited to the above mentioned external factors. (Applicable for flicker-free models only.)

# Product support

This document aims to provide the most updated and accurate information to customers, and thus all contents may be modified from time to time without prior notice. Please visit the website for the latest version of this document and other product information. Available files vary by model.

1. Make sure your computer is connected to the Internet.
2. Visit the local website from [zowiesupport.benq.com](https://zowiesupport.benq.com). The website layout and content may vary by region/country.



ZOWIE Support

- User manual and related document: [zowiesupport.benq.com](https://zowiesupport.benq.com) > **Downloads or Download & FAQ** > model name > **User Manual**
- Drivers: [zowiesupport.benq.com](https://zowiesupport.benq.com) > **Downloads or Download & FAQ** > model name > **Driver**
- Software and applications: [zowiesupport.benq.com](https://zowiesupport.benq.com) > **Downloads or Download & FAQ** > model name > **Software**
- (EU only) Dismantled information: Available on the user manual download page. This document is provided based on Regulation (EU) 2019/2021 to repair or recycle your product. Always contact the local customer service for servicing within the warranty period. If you wish to repair an out-of-warranty product, you are recommended to go to a qualified service personnel and obtain repair parts from BenQ to ensure compatibility. Do not disassemble the product unless you are aware of the consequences. If you cannot find the dismantled information on your product, contact the local customer service for assistance.

For more how-to videos, tips, or product information, visit our channels (availability may vary by region).

- [ZOWIE on YouTube](#)
- [ZOWIE on BiliBili](#)



ZOWIE on YouTube



ZOWIE on Bilibili

EPREL Registration Number:

XL2540X+: 2217845

XL2546X: 1765985

XL2546X+: 1905123

XL2566X+: 1959872

XL2586X: 1791200

XL2586X+: 2137024

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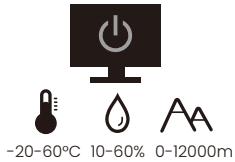
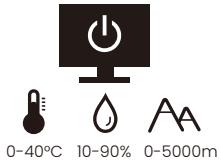
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# Safety precautions

## Power safety



Please follow these safety instructions for best performance, and long life for your monitor.



- The AC plug isolates this equipment from the AC supply.
- The power supply cord serves as a power disconnect device for pluggable equipment. The socket outlet should be installed near the equipment and be easily accessible.
- This product should be operated from the type of power indicated on the marked label. If you are not sure of the type of power available, consult your dealer or local power company.
- The Class I pluggable equipment Type A must be connected to protective earth.
- An approved power cord greater or equal to H03VV-F or H05VV-F, 2G or 3G, 0.75mm<sup>2</sup> must be used.
- Use only the power cord provided by BenQ. Never use a power cord that appears to be damaged or frayed.
- To avoid possible damage to the monitor, do not use it in a region where power supply is unstable.
- Ensure that the power cord is connected to a grounded power outlet before turning on the monitor.
- To avoid possible danger, observe the total electric load when using the monitor with a (multi-outlet) extension cord.
- Always turn off the monitor before unplugging the power cord.

For Germany only:

- (If the weight of the product is less than or equal to 3 kg) An approved power cord greater or equal to H03VV-F, 3G, 0.75mm<sup>2</sup> must be used.
- (If the weight of the product is more than 3 kg) An approved power cord greater or equal to H05VV-F or H05RR-F, 3G, 0.75mm<sup>2</sup> must be used.
- (If a remote control is provided) RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

For models with adapter:

- Use only the power adapter supplied with your LCD Monitor. Use of another type of power adapter will result in malfunction and/or danger.

- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the power adapter with paper or other objects that will reduce cooling. Do not use the power adapter while it is inside a carrying case.
- Connect the power adapter to a proper power source.
- Do not attempt to service the power adapter. There are no service parts inside. Replace the unit if it is damaged or exposed to excess moisture.

## Installation

- Do not use your monitor under any of the following environmental conditions:
  - Extremely high or low temperature, or in direct sunlight
  - Dusty places
  - Highly humid, exposed to rain, or close to water
  - Exposed to vibrations or impacts in places such as cars, buses, trains, and other rail vehicles
  - Near heating appliances such as radiators, heaters, fuel stoves, and other heat-generating items (including audio amplifiers)
  - An enclosed place (such as a closet or bookcase) without appropriate ventilation
  - An uneven or sloping surface
  - Exposed to chemical substances or smoke
- Carry the monitor carefully.
- Do not place heavy loads on the monitor to avoid possible personal injury or damage to the monitor.
- Ensure that children do not hang or climb onto the monitor.
- Keep all packing bags out of reach of children.

## Operation

- To protect your eyesight, please refer to the user manual to set the optimal screen resolution and the viewing distance.
- To reduce eye fatigue, take a break on a regular basis while using the monitor.
- Avoid taking either one of the following actions for a long time. Otherwise, burn marks may occur.
  - Play images that cannot occupy the screen entirely.
  - Place a still image on the screen.
- To avoid possible damage to the monitor, do not touch the monitor panel by finger tip, pen, or any other sharp objects.
- Excessively frequent plug and unplug of video connectors may cause damage to the monitor.

- This monitor is designed mainly for personal use. If you want to use the monitor in a public place or a harsh environment, contact your nearest BenQ service center for assistance.
- To avoid possible electric shock, do not disassemble or repair the monitor.
- If a bad smell or an abnormal sound appears to come from the monitor, contact your nearest BenQ service center for assistance immediately.

## Caution

- The distance between you and the monitor should be 2.5 to 3 times the diagonal width of the screen.
- Looking at the screen for an extended period of time causes eye fatigue and may deteriorate your eyesight. Rest your eyes for 5 ~ 10 minutes for every 1 hour of product use.
- Reduce your eye strain by focusing on objects far way.
- Frequent blinking and eye exercise help keep your eyes from drying out.

## Safety notice for remote control (applicable if a remote control is provided)

- Do not put the remote control in the direct heat, humidity, and avoid fire.
- Do not drop the remote control.
- Do not expose the remote control to water or moisture. Failure to do so could result in malfunction.
- Confirm there is no object between the remote control and the remote sensor of the product.
- When the remote control will not be used for an extended period, remove the batteries.

## Battery safety notice (applicable if a remote control is provided)

The use of the wrong type of batteries may cause chemical leaks or explosion. Please note the following:

- Always ensure that the batteries are inserted with the positive and negative terminals in the correct direction as shown in the battery compartment.
- Different types of batteries have different characteristics. Do not mix different types.
- Do not mix old and new batteries. Mixing old and new batteries will shorten battery life or cause chemical leaks from the old batteries.
- When batteries fail to function, replace them immediately.
- Chemicals which leak from batteries may cause skin irritation. If any chemical matter seeps out of the batteries, wipe it up immediately using a dry cloth, and replace the batteries as soon as possible.

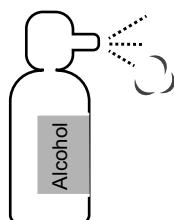
- Due to varying storage conditions, the battery life for the batteries included with your product may be shortened. Replace them within 3 months or as soon as you can after initial use.
- There may be local restrictions on the disposal or recycling of batteries. Consult your local regulations or waste disposal provider.

If the supplied remote control contains a coin / button cell battery, pay attention to the following notice as well.

- Do not ingest battery. Chemical Burn Hazard.
- The remote control supplied with this product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

## Care and cleaning

- Do not place the monitor face down on the floor or a desk surface directly. Otherwise, scratches on the panel surface may occur.
- The equipment is to be secured to the building structure before operation.
- (For models that support wall or ceiling mounting)
  - Install your monitor and monitor mounting kit on a wall with flat surface.
  - Ensure that the wall material and the standard wall mount bracket (purchased separately) are stable enough to support the weight of the monitor.
  - Turn off the monitor and the power before disconnecting the cables from the LCD monitor.
- Always unplug the product from the power outlet before cleaning. Clean the LCD monitor surface with an alcohol-free screen cleaner kit (purchased separately). Spray on the microfiber cloth that came with the screen cleaner kit, and wipe smudges off the screen.





([How-to video on YouTube](#))



([How-to video on Bilibili](#))

- Slots and openings on the back or top of the cabinet are for ventilation. They must not be blocked or covered. Your monitor should never be placed near or over a radiator or heat sources, or in a built-in installation unless proper ventilation is provided.
- Do not place heavy loads on the monitor to avoid possible personal injury or damage to the monitor.
- Consider keeping the box and packaging in storage for use in the future when you may need to transport the monitor.
- Refer to the product label for information on power rating, manufacture date, and identification markings.

## Servicing

- Do not attempt to repair this product yourself, as opening or removing covers may expose you to dangerous voltages or other risks. If any of the above mentioned misuse or other accident such as dropping or mishandling occurs, contact qualified service personnel for servicing.
- Contact your place of purchase or visit the local website from [zowiesupport.benq.com](http://zowiesupport.benq.com) for more support.



ZOWIE Support

## General warranty information

Note that the monitor warranty may be void if any of the following conditions occurs:

- Documents required for warranty services have been altered by unauthorized use or is illegible.
- The model number or production number on the product has been altered, deleted, removed or made illegible.
- Repairs, modifications, or alterations have been made by unauthorized service organizations or persons.
- Damage caused by improper storage of the monitor (including but not limited to force majeure, direct exposure to sunlight, water, or fire).
- Reception problems occurred due to external signals (such as antenna, Cable TV) outside the monitor.
- Defects caused by abuse or misuse of the monitor.

- Before using the monitor, it is the sole responsibility of the user to check whether the monitor is compatible with local technical standards if the user brings the monitor out of its intended sales area. Failure to do so may cause product breakdown and the user will have to pay the repairing costs.
- It is the sole responsibility of the user if problems (such as data loss and system failure) occurred due to non-factory provided software, parts, and/or non-original accessories.
- Please use the original accessories (e.g. power cable) only with the device to avoid possible dangers such as electric shock and fire.

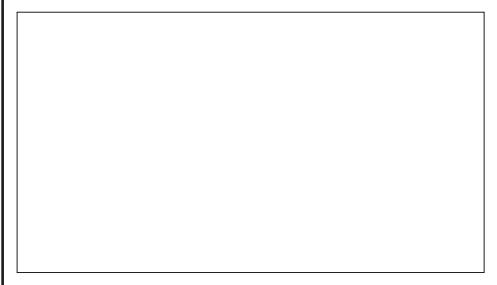
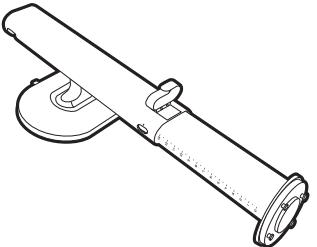
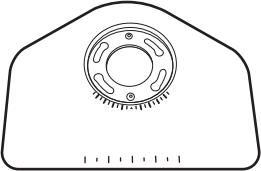
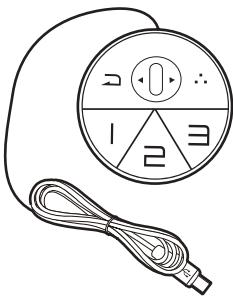
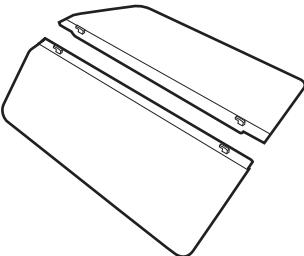
## Typographics

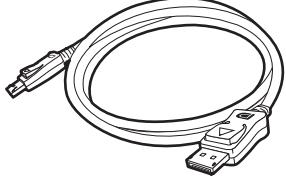
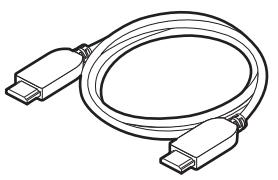
Icon / Symbol	Item	Meaning
	Warning	Information mainly to prevent the damage to components, data, or personal injury caused by misuse and improper operation or behavior.
	Tip	Useful information for completing a task.
	Note	Supplementary information.

In this document, the steps needed to reach a menu may be shown in condensed form, for example: **Menu > System > Information**.

# Getting started

When unpacking please check you have the following items. If any are missing or damaged, please contact the place of purchase for a replacement.

LCD Monitor	
Monitor Stand	
Monitor Base	
User Documents: <ul style="list-style-type: none"><li>• Quick Start Guide</li><li>• Safety Instructions</li><li>• Regulatory Statements</li></ul>	
S Switch	   To find the compatible models, visit <a href="http://ZOWIE.BenQ.com">ZOWIE.BenQ.com</a> for information on XS250.
Shields (Shading hood)	   To find the compatible models, visit <a href="http://ZOWIE.BenQ.com">ZOWIE.BenQ.com</a> for information on XH250.

Power Cord (Supplied item may differ by model or region.)	
Video Cable: DP	
Video Cable: HDMI	



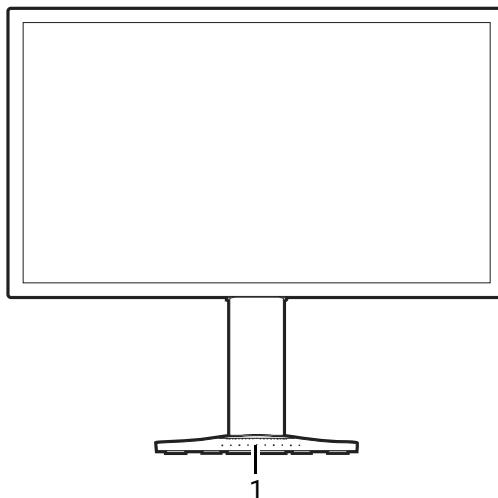
- Available accessories and the pictures shown here may differ from the actual contents and the product supplied for your region. And the package contents may subject to change without prior notice. For cables that are not supplied with your product, you can purchase them separately.
- Consider keeping the box and packaging in storage for use in the future when you may need to transport the monitor. The fitted foam packing is ideal for protecting the monitor during transport.
- Accessories and cables may be included or sold separately depending on the product supplied for your region.



Always keep the product and accessories out of reach of small children.

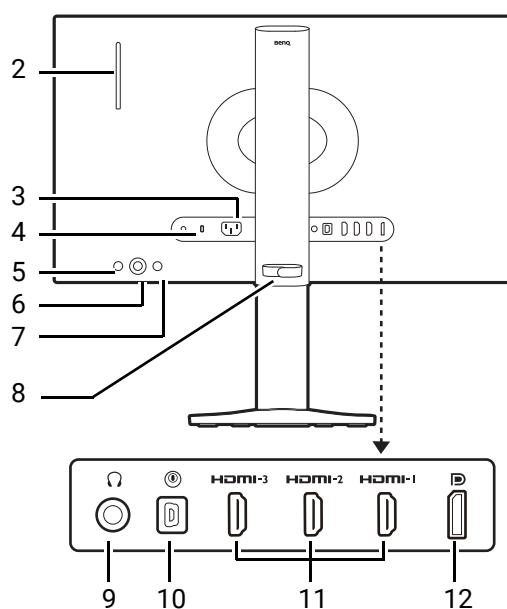
# Getting to know your monitor

## Front view



1. Keyboard alignment

## Back view



2. Headphone hook
3. AC power input jack
4. Kensington lock slot
5. Power button
6. 5-way controller
7. Input key
8. Cable management
9. Headphone jack
10. S Switch socket
11. (XL2540X+/XL2546X/XL2546X+/XL2566X+) HDMI 2.0 sockets  
(XL2586X/XL2586X+) HDMI 2.1 sockets
12. (XL2540X+/XL2546X/XL2546X+) DisplayPort 1.2 socket  
(XL2566X+/XL2586X/XL2586X+) DisplayPort 1.4 socket

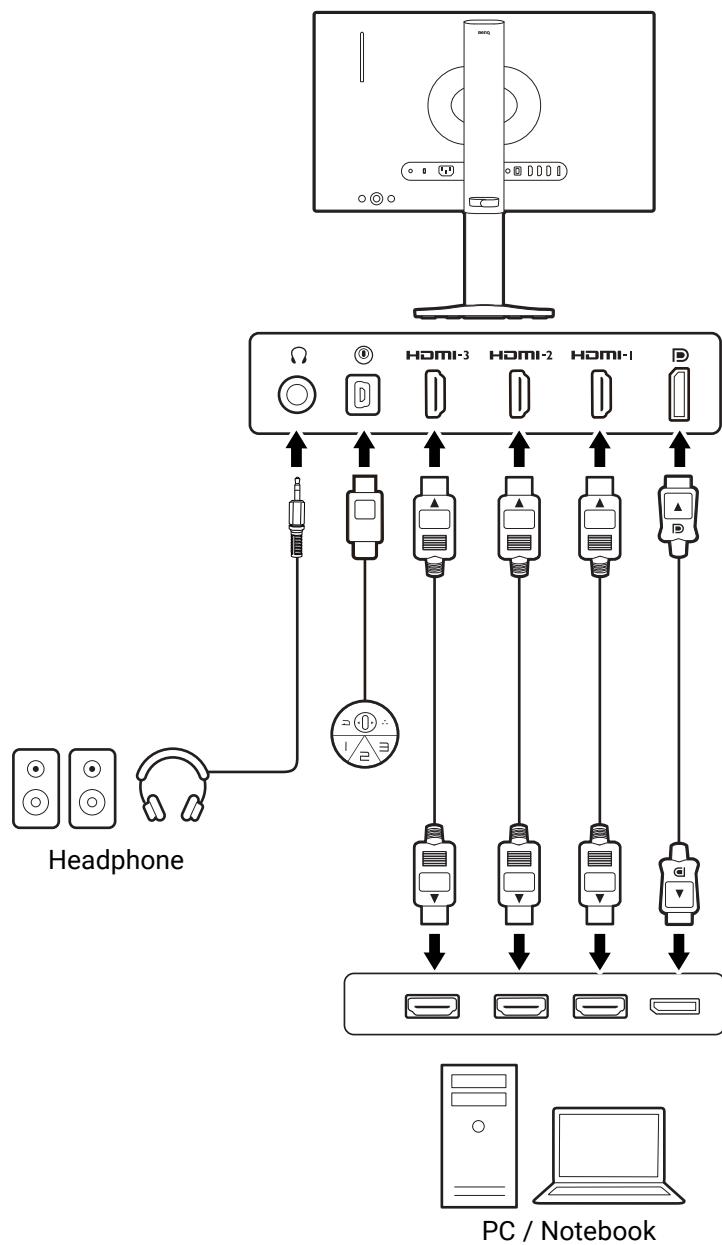


- Above diagram may vary depending on the model.
- Picture may differ from product supplied for your region.
- HDMI/DP works best with compatible cables, graphic cards and devices. Compatible issue may occur when an HDMI/DP input port connects with an output port of different HDMI/DP version.

# Connections

The following connection illustrations are for your reference only. For cables that are not supplied with your product, you can purchase them separately.

For detailed connection methods, see page [18](#).



# Installation



- If the computer is turned on you must turn it off before continuing.  
Do not plug-in or turn-on the power to the monitor until instructed to do so.
- The following illustrations are for your reference only. Available input and output jacks may vary depending on the purchased model.
- Avoid finger pressure on the screen surface.

## How to assemble your monitor hardware

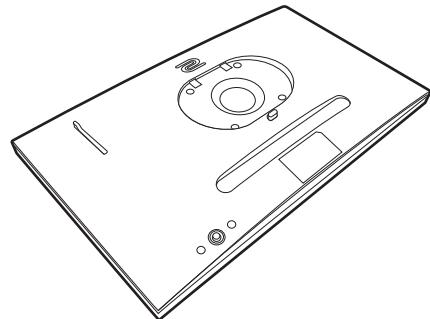
### 1. Attach the monitor base.



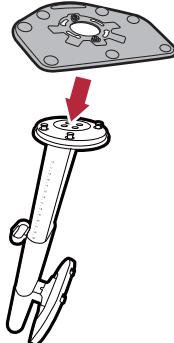
Please be careful to prevent damage to the monitor. Placing the screen surface on an object like a stapler or a mouse will crack the glass or damage the LCD substrate voiding your warranty. Sliding or scraping the monitor around on your desk will scratch or damage the monitor surround and controls.

Protect the monitor and screen by clearing a flat open area on your desk and placing a soft item like the monitor packaging bag on the desk for padding.

Gently lay the screen face down on a flat clean padded surface.

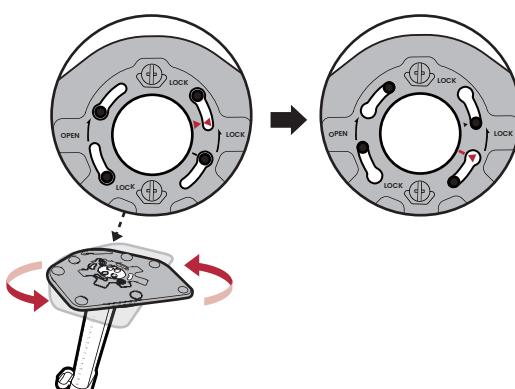


Orient and align the stand base socket with the end of the stand arm. Make sure to align the arrow on the end of the stand to the one on the monitor base.

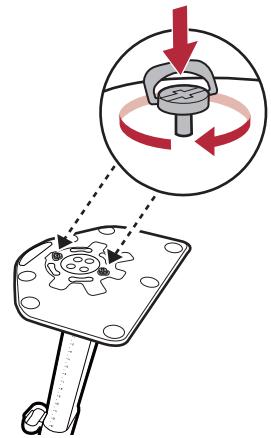


Turn the base counterclockwise until you cannot go further.

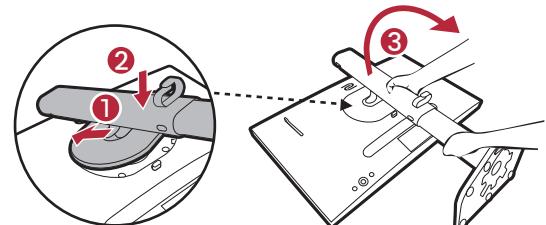
As illustrated, when the stand and the base are locked, the arrow on the end of the stand is aligned to the lock symbol on the monitor stand.



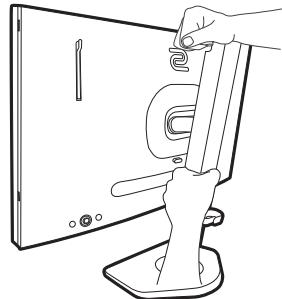
Raise the thumbscrew lids and tighten the thumbscrews as illustrated. Then push the lids back.



Orient and align the stand arm with the monitor, then push them together until they click and lock into place.



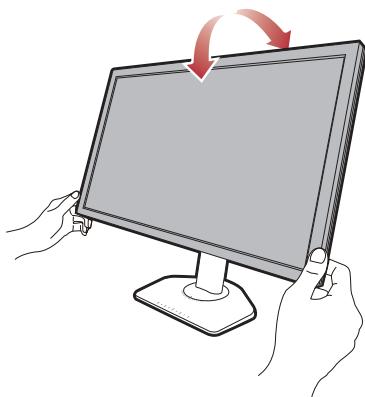
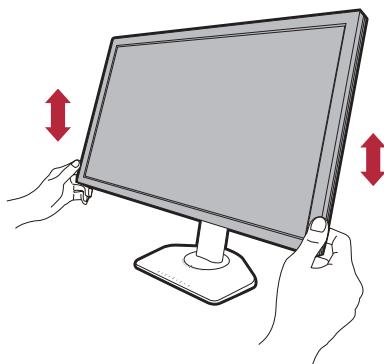
To move the monitor, you must hold the handle and the monitor stand at the same time as illustrated.



You might want to adjust the monitor stand height. See [Adjusting the monitor height](#) on page 23 for more information.



You should position the monitor and angle the screen to minimize unwanted reflections from other light sources.

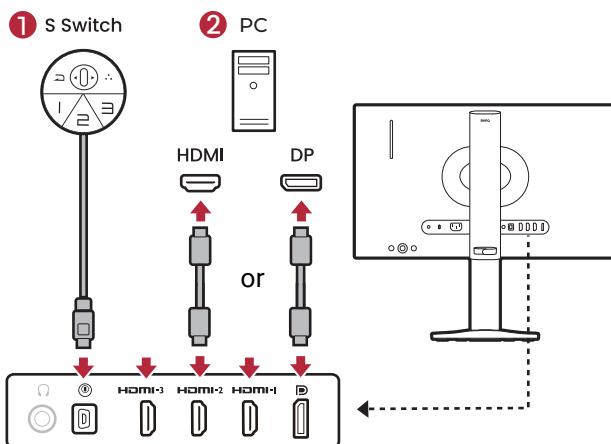


## 2. Connect the S Switch and the video cable.



The video cables included in your package and the socket illustrations in this document may vary depending on the product supplied for your region.

- Connect the S Switch to the S Switch socket found on the back of the monitor.
- Connect the plug of the HDMI cable to the HDMI port on the monitor. Connect the other end of the cable to the HDMI port of a digital output device.
- Connect the plug of the DP cable to the monitor video socket. Connect the other end of the cable to the computer video socket.

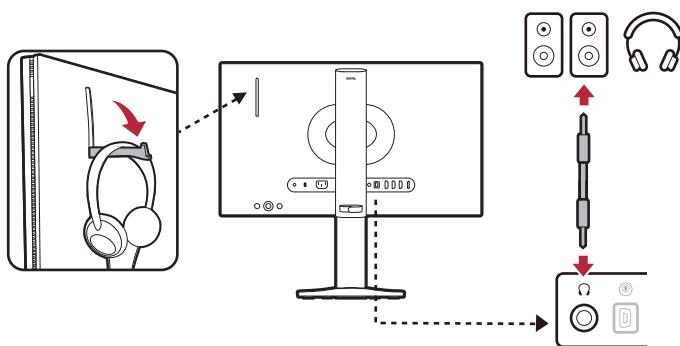


If you are not connecting an S Switch to access the game modes stored on it, sync the data between the monitor and the S Switch when you are prompted to. If you are accessing profiles from S Switch, see [Applying game modes from an S Switch to your monitor on page 38](#) for more information.

## 3. Connect the headphone.

You may connect headphones to the headphone jack found on the back side of the monitor.

Pull out the headphone hook found on the back of the monitor. Leave your headphone on the hook if needed. Excessive force on the hook is prohibited.



The maximum load capacity of the headphone hook is 400g.



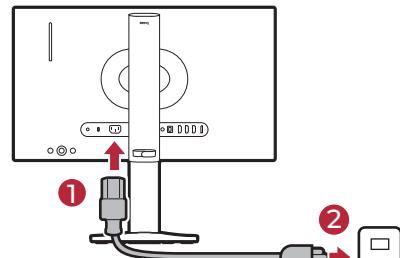
This headphone jack supports audio output only and does not work with microphone functionality. It works best with headphones, as it may not be able to power some speakers. When connected to speakers, the volume or the sound quality may be lower than expected.

## 4. Connect to power.

Connect the power cord to the monitor and a power outlet.



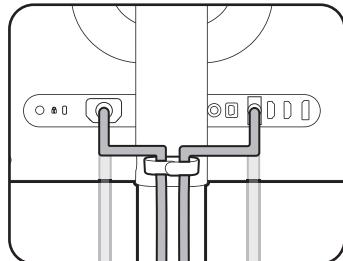
Picture may differ from product supplied for your region.



## 5. Organize the cables.



Allow enough cable length while cabling to avoid loose connection and to save the pins or socket connectors from being bent or broken.

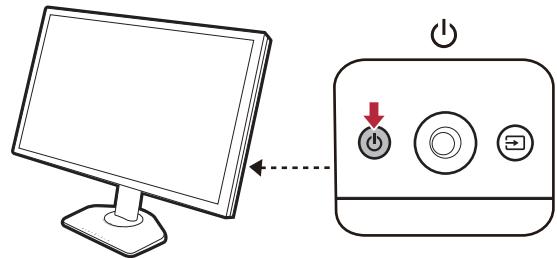


## 6. Turn-on the power.

Turn on the monitor by pressing the power button on the monitor.

Turn on the computer too. If you have multiple video sources, press the Input key and the 5-way controller to select an input source.

Follow the instructions in [Upgrading the monitor driver on page 29](#) to install the monitor driver. If you are prompted by any OSD (On Screen Display) message, follow the on-screen instructions to proceed.



To extend the service life of the product, we recommend that you use your computer's power management function.

## 7. Read the setting change notice.

The default settings (enabled **ECO Setting**) with dimmed colors are mandatory settings to keep low power consumption and meet the international energy standards, which limit the display performance as a result.

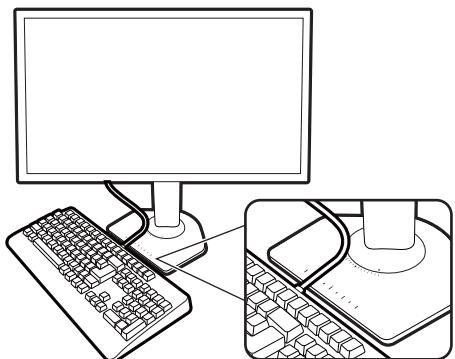
To utilize your monitor, select **CONFIRM** to change the settings. Note that any change to the default display settings may consume more power.

## 8. Change the display language.

If you want to change the display language, follow the on-screen instructions or go to **System > OSD Settings > Language**. See [Language on page 57](#) for details.

## 9. Position your keyboard properly.

If you prefer to tilt your keyboard, the scale on the monitor base help keep track of your preferred angle and position.



# How to detach the stand and the base

## 1. Prepare the monitor and area.

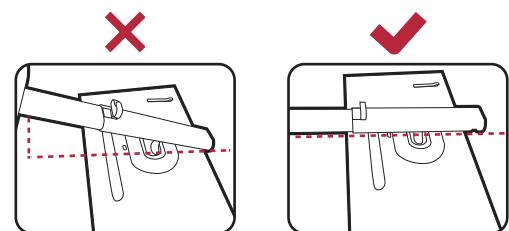
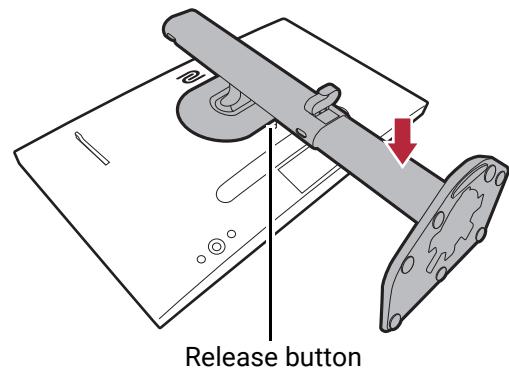
Turn off the monitor and the power before unplugging the power cable. Turn off the computer before unplugging the monitor signal cable.

Protect the monitor and screen by clearing a flat open area on your desk and placing a soft item like a towel on the desk for padding, before laying the screen face down on a flat clean padded surface.

Lower the end of monitor stand and leave enough space around the release button so the stand can be detached easily.

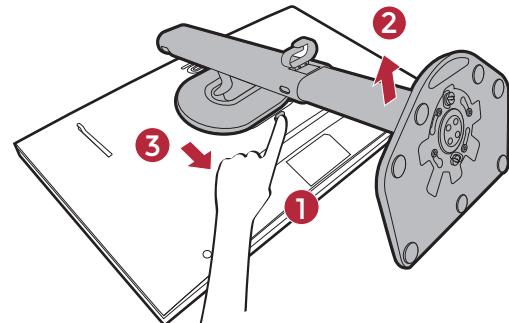


Please be careful to prevent damage to the monitor. Placing the screen surface on an object like a stapler or a mouse will crack the glass or damage the LCD substrate voiding your warranty. Sliding or scraping the monitor around on your desk will scratch or damage the monitor surround and controls.



## 2. Remove the monitor stand.

While pressing and holding the VESA mount release button (1), detach the stand from the monitor (2 and 3).

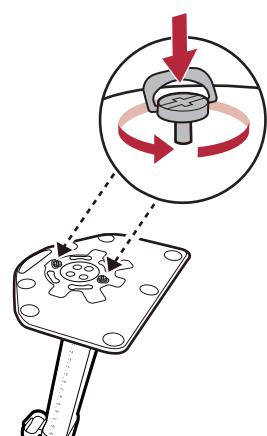


## 3. Remove the monitor base.

Raise the thumbscrew lids and release the thumbscrews as illustrated.

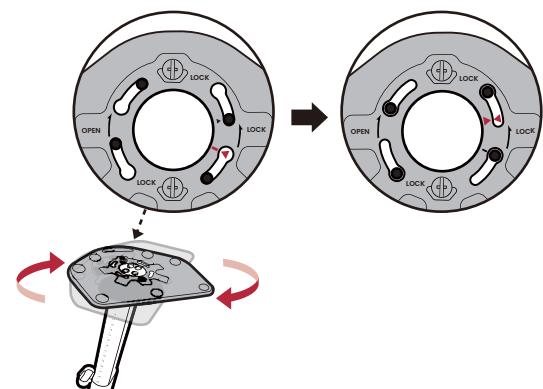


In case you intend to use your monitor on the stand in the future, please keep the monitor base and monitor stand somewhere safe for future use.

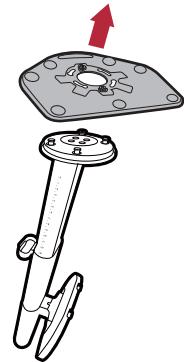


Turn the base clockwise until you cannot go further.

As illustrated, when the stand and the base are unlocked, the arrow on the end of the stand is aligned to the arrow on the monitor base.



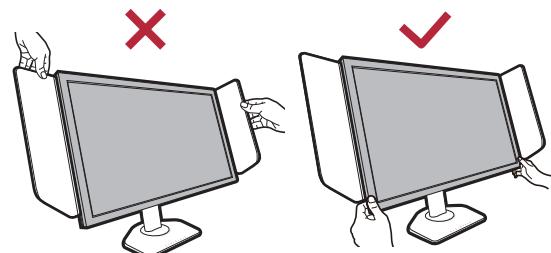
And then detach the base from the stand.



# Viewing angle adjustment

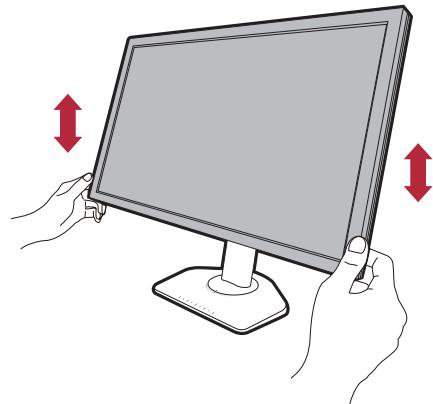
You may position the screen to the desired angle with the monitor tilt, swivel, and height adjustment functions. Check the product specifications on the website for details.

**!** You can adjust the monitor height, tilt, or swivel angle as desired after the hoods are installed. Note that you should never hold the hoods to make these adjustments under any circumstances.

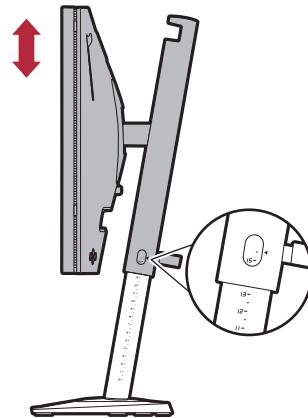


## Adjusting the monitor height

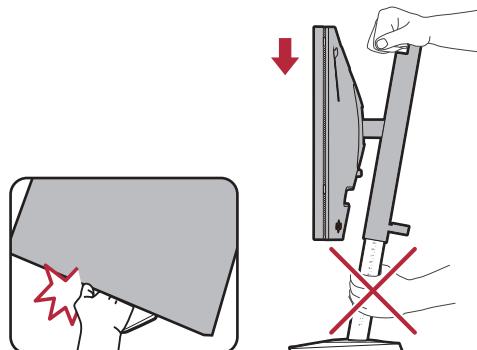
1. To adjust the monitor height, hold both the left and the right sides of the monitor to lower the monitor or lift it up to the desired height.



2. On the monitor stand is an adjustment scale that helps keep track of your preferred monitor height. You can adjust the monitor height precisely.



**!** Avoid placing hands on the lower part of the height-adjustable stand or at the bottom of the monitor, as descending monitor might cause personal injuries. Never place your hand on the stand either when tilting the monitor upward or downward. Keep children out of reach of the monitor while performing this operation.

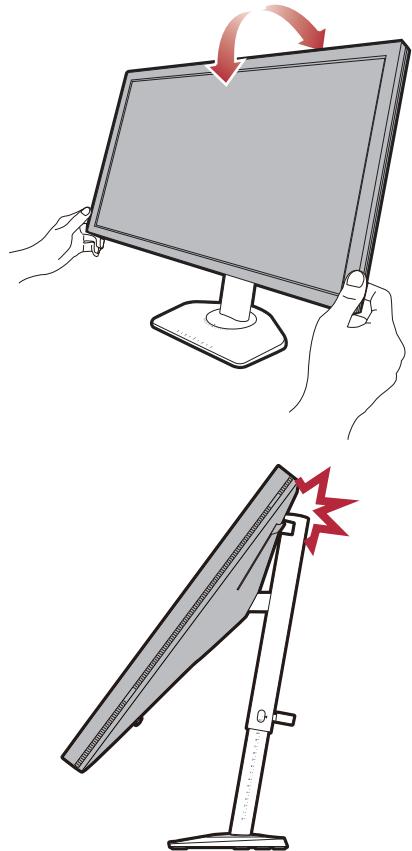


## Tilting the monitor

Tilt the monitor gently and carefully. Do not hit the monitor stand. Excessive force is prohibited.

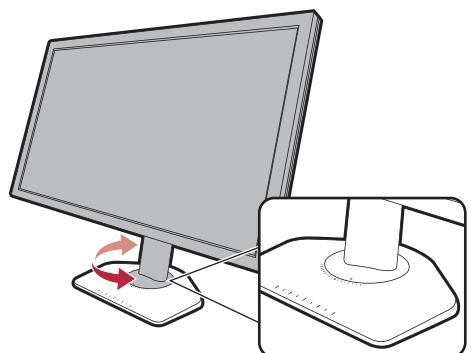
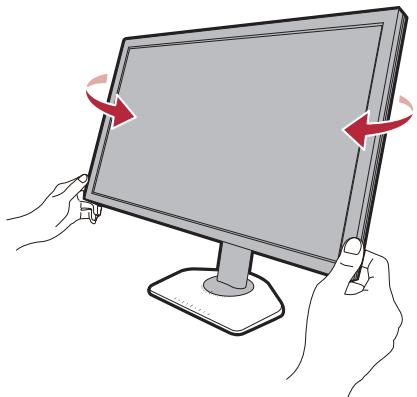


Avoid placing your hand on the top of the stand when you tilt the monitor.



## Swiveling the monitor

1. Turn the monitor to the left or right as desired.
2. The scale on the monitor base helps to keep track of your preferred swivel angle. The interval of measurement is 5 degrees, and you can make adjustment within the possible swivel angle.



# Installing the Shields (shading hood, optional steps)

To help focusing in games, the Shields (shading hoods) avoids the unwanted disturbance interfered with the peripheral vision while playing.

For models that came with shading hoods, two shading hoods are inside the accessory box. Please be careful to prevent damage to the Shields and the monitor. The shading hoods are well-designed and can fit into your monitor properly. Do not use excessive force when installing Shields to avoid possible damage.

For models that did not come with shading hoods, you can purchase them separately. Visit [ZOWIE.BenQ.com](http://ZOWIE.BenQ.com) for the availability of XH250.

## How to install Shields



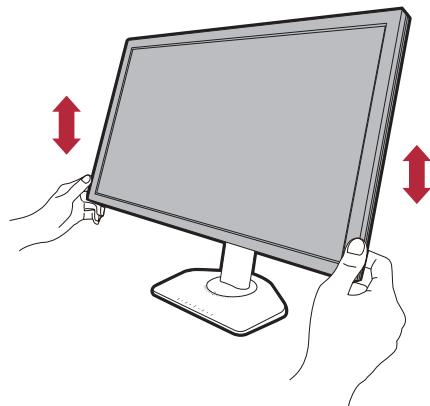
[\(How-to video on YouTube\)](#)



[\(How-to video on Bilibili\)](#)

### 1. Prepare for the Shield installation.

Place the monitor upright on its stand on a flat even surface.

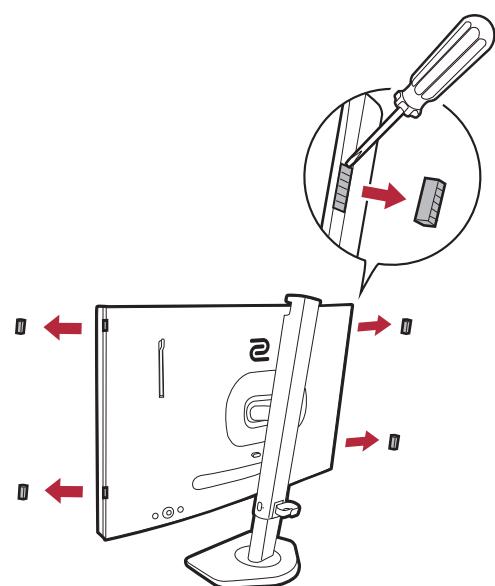


### 2. Remove the stickers and the rubbers on both sides of the monitor.

There are 2 holes protected by rubbers and stickers on each of the right and the left side of the monitor. Remove the stickers and the rubbers before shading hood installation.



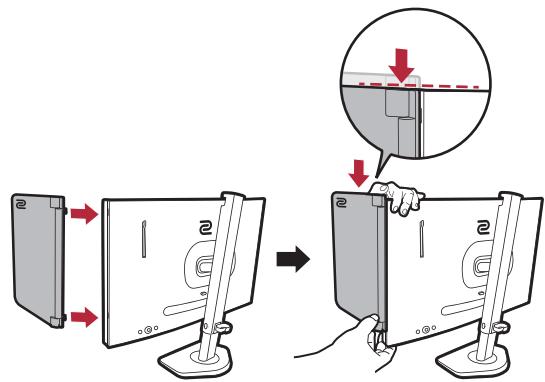
Keep the rubbers and insert them back to the holes if Shields have been removed.



### 3. Attach the Shields to the monitor.

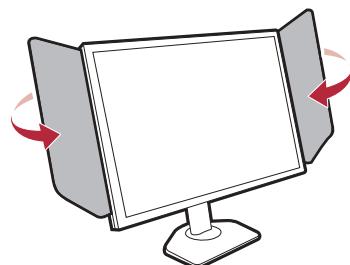
Two shading hoods are not identical. The logo should be facing outward on the upper section.

Attaching the hoods by aligning the hooks to the holes on both sides of the monitor. Once the hooks are aligned properly, hold the bottom of the monitor as illustrated to keep it stable, and slide down the hood and the hooks will be locked into place.

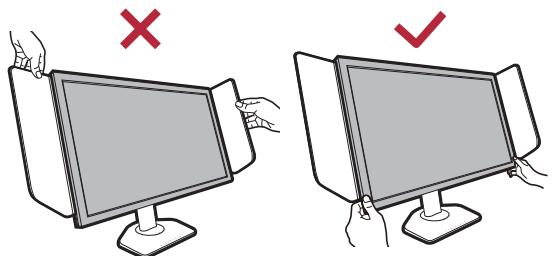


### 4. Adjust the hoods to the desired angle.

Hold the hoods gently to adjust the angle of the hoods. Excessive force on the hoods is prohibited.



You can adjust the monitor height, tilt, or swivel angle as desired after the hoods are installed. Note that you should never hold the hoods to make these adjustments under any circumstances.

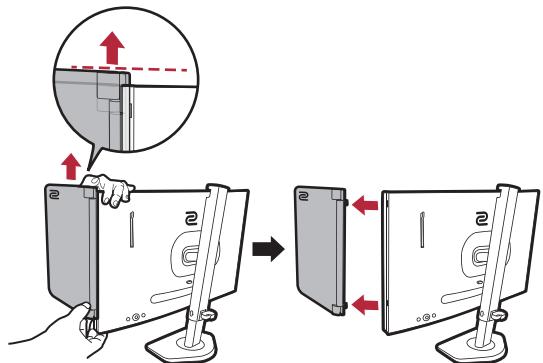


# Uninstalling the Shields

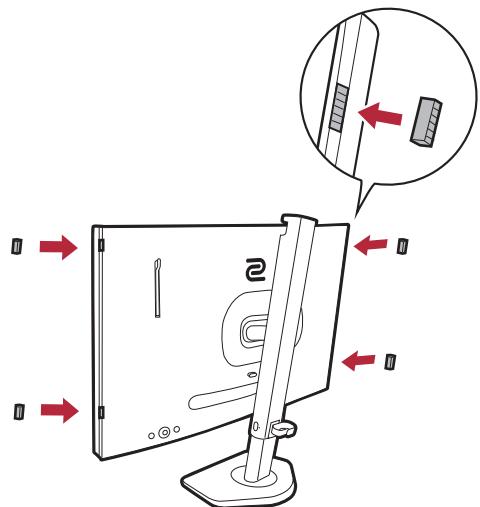
Please remove the hoods before moving the monitor to different places.

## 1. Detach the Shields.

Hold the top of the monitor as illustrated to keep it stable. Lift the hoods upward and detach them carefully.



## 2. Insert the rubbers back into the holes.



# Using the monitor wall mounting kit (purchased separately)

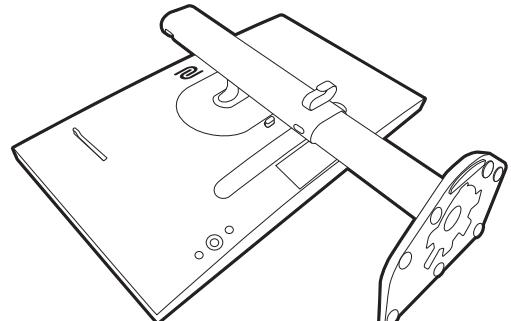
The back of your LCD monitor has a VESA standard mount with 100mm pattern, allowing the installation of a wall mount bracket. Before starting to install a monitor wall mounting kit, please read the precautions carefully.

## Precautions

- Install your monitor and monitor mounting kit on a wall with flat surface.
- Ensure that the wall material and the standard wall mount bracket (purchased separately) are stable enough to support the weight of the monitor. Refer to the product specifications on the website for weight information.
- Turn off the monitor and the power before disconnecting the cables from the LCD monitor.

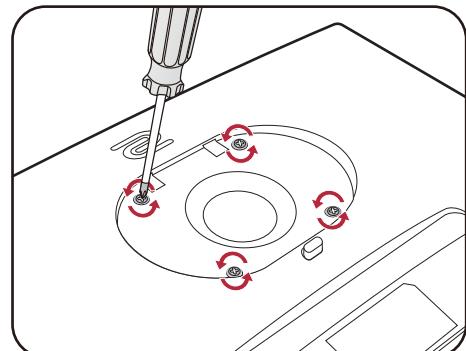
### 1. Remove the monitor stand.

Lay the screen face down on a clean and well-padded surface. Detach the monitor stand as instructed in step 1~2 in [How to detach the stand and the base on page 21](#).



### 2. Remove the screws on the back cover.

Use a cross-pointed screwdriver to release the screws on the back cover. The use of a magnetic-head screwdriver is recommended to avoid of losing the screws.



In case you intend to use your monitor on the stand in the future, please keep the monitor base, monitor stand, and screws somewhere safe for future use.

### 3. Follow the instruction manuals of the wall mount bracket you purchased to complete the installation.



Use four M4 x 10 mm screws to fix a VESA standard wall mount bracket to the monitor. Make sure that all screws are tightened and secured properly. Consult a professional technician or BenQ service for wall mount installation and safety precautions.

# Upgrading the monitor driver

Usually a monitor works well with a computer without installing a driver. If you have the following problems, consider upgrading the monitor driver.

- Fail to select the native resolution of your monitor on Windows Operating System and have a blurry display.
- The display is distorted.
- Fail to select the highest screen refresh rate of your monitor. The highest refresh rate varies by model. Refer to the product specifications on the website for the refresh rate information of the purchased model.

This instruction details the procedure for manually updating the existing monitor driver on your Microsoft Windows computer. It is currently tested as compatible for Windows 11 and Windows 10 Operating System (OS).

If the problem remains after upgrading the monitor driver, contact the local customer service for assistance.



The LCD Monitor driver for your model may well function perfectly with other versions of Windows, however, as at the time of writing, BenQ has done no testing of this driver on other versions of Windows and cannot guarantee its operation on those systems.

Installing monitor driver involves selecting an appropriate information file (.inf) from the downloaded driver files for the particular model monitor you have connected, and letting Windows install the corresponding driver files. You need only steer it in the right direction.

See:

- [How to install on Windows 11 system on page 30](#)
- [How to install on Windows 10 system on page 30](#)

To gain the most benefit from your new LCD monitor, you should install the custom LCD Monitor driver as provided on the local website. See [Downloading the LCD Monitor driver files from the Internet on page 29](#) for details.



To check the name of the purchased model, refer to the specification label on the back of the monitor.

## Downloading the LCD Monitor driver files from the Internet

1. Download the correct driver files from [zowiesupport.benq.com](http://zowiesupport.benq.com) > **Downloads** or **Download & FAQ** > model name> **Driver**.
2. On your computer, have your driver files extracted into an empty folder. Remember the file location the files are extracted to.

## How to install on Windows 11 system

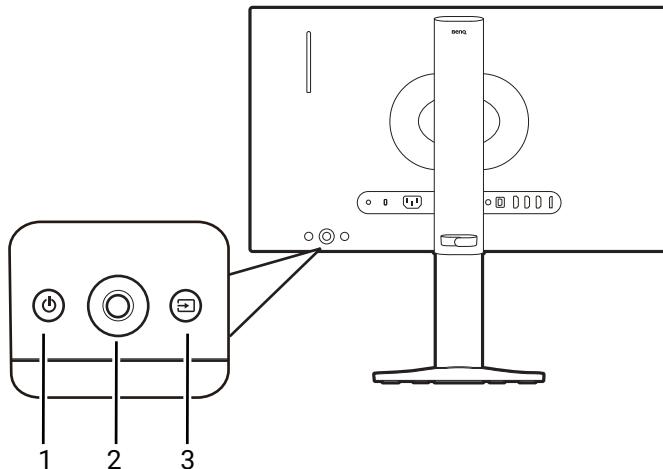
1. Access the driver files downloaded from the Internet as instructed in [Downloading the LCD Monitor driver files from the Internet on page 29](#).
2. Select and right-click the \*.inf file, and select **Show more options > Install** from the menu.
3. If the user account control window appears, click **Yes** to allow the app to make changes to your device. The driver will be installed.
4. To check whether a new driver is installed, right-click the desktop and select **Display settings > Advanced display**. Check your monitor under **Display information**. Click **Display adapter properties**, and then click the **Monitor** tab and the **Properties** button to check whether the **Driver Provider** has been updated to BenQ.

## How to install on Windows 10 system

1. Access the driver files downloaded from the Internet as instructed in [Downloading the LCD Monitor driver files from the Internet on page 29](#).
2. Select and right-click the \*.inf file, and select **Install** from the menu.
3. After the driver file is installed, click **OK**.

# How to adjust your monitor

## The control panel



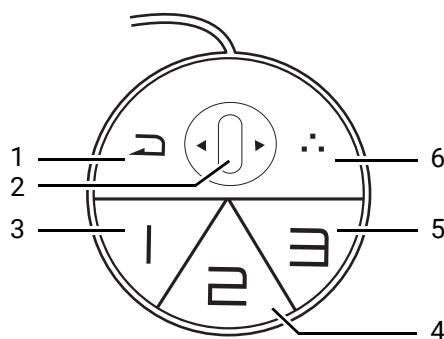
No.	Name	Description
1.	Power key	Turns the power on or off.
2.	5-way controller	Accesses the functions or menu items as instructed by the on-screen icons. See <a href="#">5-way controller and basic menu operations on page 33</a> for more information.
3.	Input key	Switches to a list of <b>Input</b> options.

## The S Switch

Apart from the control keys, S Switch also provides a quick way to control and access the OSD (On Screen Display) menus.



- You need to connect the S Switch to your monitor prior to use. Follow the instructions in [Connect the S Switch and the video cable. on page 18](#).
- Depending on your monitor settings and S Switch source (i.e., whether it is from the same product series), S Switch functions may be limited and available options may vary. Read the pop-up messages carefully during connection and operations.



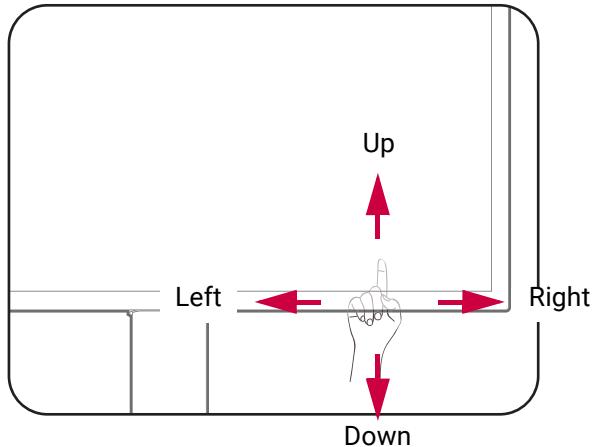
No.	Name	Function
1.	Return button	<ul style="list-style-type: none"> <li>Returns to the previous menu.</li> <li>Exits OSD (On Screen Display) menu.</li> <li>Press and hold for 3 seconds close the current menu.</li> </ul>
2.	Wheel	<ul style="list-style-type: none"> <li>Scroll up: works the same with .</li> <li>Scroll down: works the same with .</li> <li>Tilt right: works the same with .</li> <li>Tilt left: works the same with .</li> <li>Selects menu item by pressing once.</li> </ul>
3.	Gamer 1 button	<ul style="list-style-type: none"> <li>Press to switch to <b>Gamer1 (Mode)</b>.</li> <li>Press and hold for 3 seconds to save the customized display settings for <b>Gamer1</b> on S Switch.</li> </ul> <p> For advanced functions, see <a href="#">Applying game modes from an S Switch to your monitor on page 38</a> for more information.</p>
4.	Gamer 2 button	<ul style="list-style-type: none"> <li>Press to switch to <b>Gamer2 (Mode)</b>.</li> <li>Press and hold for 3 seconds to save the customized display settings for <b>Gamer2</b> on S Switch.</li> </ul> <p> For advanced functions, see <a href="#">Applying game modes from an S Switch to your monitor on page 38</a> for more information.</p>
5.	Gamer 3 button	<ul style="list-style-type: none"> <li>Press to switch to <b>Gamer3 (Mode)</b>.</li> <li>Press and hold for 3 seconds to save the customized display settings for <b>Gamer3</b> on S Switch.</li> </ul> <p> For advanced functions, see <a href="#">Applying game modes from an S Switch to your monitor on page 38</a> for more information.</p>
6.	S Switch key	By default, the key is the hot key for <b>Input</b> . To change the default settings, go to <b>Custom &gt; S Switch Key</b> . See <a href="#">S Switch Key on page 55</a> for more information.



- S Switch is designed for specific models exclusively. Do not connect it to other devices with USB ports. To find the compatible models, visit [ZOWIE.BenQ.com](#) for information on XS250.
- If you are not connecting an S Switch to access the game modes stored on it, sync the data between the monitor and the S Switch when you are prompted to. If you are accessing profiles from S Switch, see [Applying game modes from an S Switch to your monitor on page 38](#) for more information.

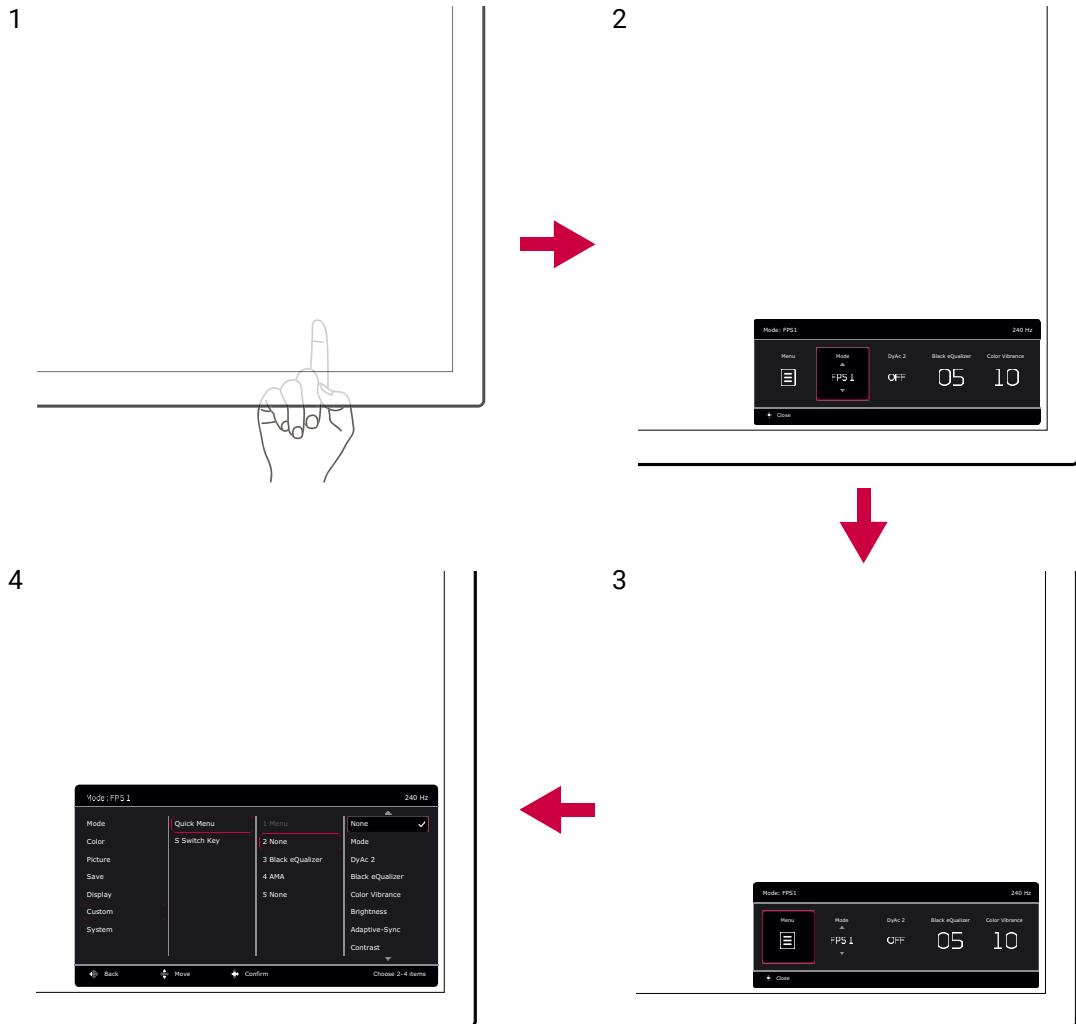
# 5-way controller and basic menu operations

The 5-way controller is located at the rear of the monitor. While sitting in front of the monitor, move the controller to the directions instructed by the on-screen icons for menu navigation and operations.



OSD (On Screen Display) icon	5-way controller operation	Function
(With an available video input but no menu has been activated)		
N/A	Press	Activates the <b>Quick Menu</b> .
(When the <b>Quick Menu</b> has been activated)		
	Move to the left / right Move up / down Press center	Goes to the previous / next menu setting. <ul style="list-style-type: none"> <li>Goes to the previous / next menu item.</li> <li>For increase / decrease adjustment.</li> </ul> Confirms the selection.
(When the main menu has been activated)		
	Press center	Confirms the selection.
	Move to the right	<ul style="list-style-type: none"> <li>Enters sub menus.</li> <li>Confirms the selection.</li> </ul>
	Move up	<ul style="list-style-type: none"> <li>Goes to the previous menu item.</li> <li>For up / increase adjustment.</li> </ul>
	Move down	<ul style="list-style-type: none"> <li>Goes to the next menu item.</li> <li>For down / decrease adjustment.</li> </ul>
	Move to the left	<ul style="list-style-type: none"> <li>Returns to the previous menu.</li> <li>Exits OSD (On Screen Display) menu.</li> </ul>

All OSD (On Screen Display) menus can be accessed by the control keys. You can use the OSD menu to adjust all the settings on your monitor. Available menu options may vary depending on the input sources, functions and settings.



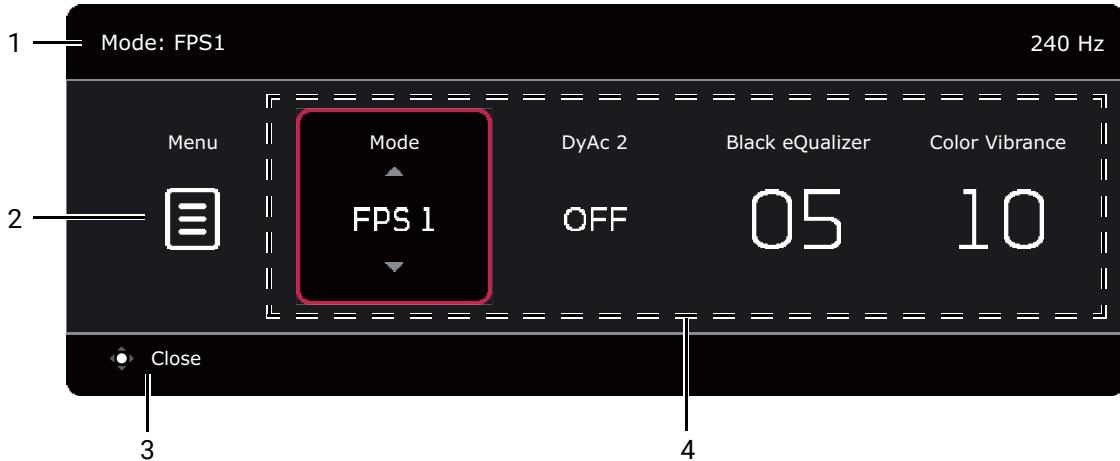
1. Press the 5-way controller.
2. The **Quick Menu** is displayed.
3. Select **Menu** to access the main menu.
4. On the main menu, follow the on-screen icons on the bottom of the menu to make adjustments or selection. See [Navigating the main menu on page 42](#) for details on the menu options.

## Working with the Quick Menu

The **Quick Menu** is a quick access to some monitor settings frequently adjusted. It also provides the access to the main menu.

- Press the 5-way controller to bring up the **Quick Menu**
- Press / to different settings.
- Press / to cycle through menu options / make adjustments.

- Go to **Menu** and press  to access the main menu.



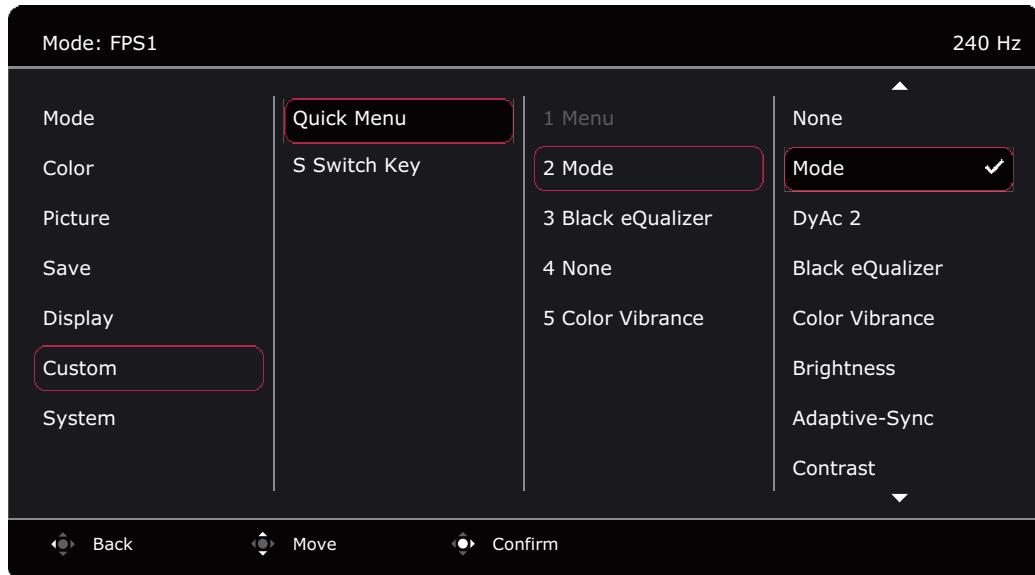
No.	Item	Description
1	System information	Displays current system information, including resolution (selected models only), refresh rate, and picture mode.
2	Main menu	Accesses the main menu. See <a href="#">Navigating the main menu on page 42</a> for more information.
3	On-screen instructions	Operation tips.
4	Quick settings	To customize the setting menus that can be accessed from the <b>Quick Menu</b> , see <a href="#">Customizing the Quick Menu on page 35</a> .

## Customizing the Quick Menu

By default, there are 4 settings that could be customized and quickly adjusted from the **Quick Menu**. Change the settings if desired.

1. Press the 5-way controller bring up the **Quick Menu**.
2. Go to **Menu > Custom > Quick Menu**.
3. The first item is grayed out and cannot be changed. Select one available item and press  for further selection.
4. Scroll to one item and press  /  for confirmation. If you prefer to keep a short **Quick Menu**, select **None** for a setting so it will not be displayed on the **Quick Menu**. Do not choose the same item for 2 settings or choose **None** for more than 2 settings. A setting menu is grayed out on the **Quick Menu** if it is not supported by a picture mode.

5. After the setting is done, press  to return to **Quick Menu** to save properly.



## Adjusting display mode

To display images of aspect ratio other than 16:9 and size other than the panel size of your purchased model, you can adjust the display mode on the monitor. See [Display Mode on page 52](#) for all the available options.

1. Press the 5-way controller to bring up the **Quick Menu**.
2. Go to **Menu > Display > Display Mode**.
3. Select an appropriate display mode. The setting will take effect immediately.

## Choosing an appropriate picture mode

Your monitor provides various picture modes that are suitable for different types of images. Display settings can be saved by picture mode. See [Mode menu on page 43](#) for all the available options.

1. Press the 5-way controller to bring up the **Quick Menu**.
2. Go to **Menu > Mode**.
3. Select an appropriate picture mode. The setting will take effect immediately.

# Setting up your own game mode

There are several preset picture modes on your monitor that are suitable for games. To better suit your needs, you can change and save the related display settings, and switch to your own game mode easily.



- Do not plug or unplug S Switch while configuring game mode settings.
- The following procedures are recommended to utilize the use of your monitor and S Switch. You can go to [Save menu on page 49](#) for other preferences. In general, changes to display settings will be saved to the current mode automatically on the monitor. To work best with S Switch, you need to save the changes to a game mode (**Gamer1 / Gamer2 / Gamer3**).

1. Make sure the S Switch is connected to your monitor properly. Sync the data between the monitor and S Switch if you are prompted to.
2. Press the 5-way controller to bring up the **Quick Menu**.
3. Make sure the **Sync S Switch** function is enabled from **Menu > Save > Save to > Sync S Switch**. This helps keep the game modes between the monitor and S Switch always synced.
4. Adjust the related available settings in different OSD menus.
5. Go to **Menu > Save > Save to > Monitor** and choose a game mode (**Gamer1 / Gamer2 / Gamer3**) to save the changes. The display adjustments will be applied and saved to the selected mode on both the monitor and S Switch.

To switch to the customized game mode at any time, press a preferred game mode button (labeled 1~3) on S Switch. Alternatively, go to **Menu > Mode** and select the preferred game mode.

## Working with Profile to Go by S Switch

Once the adjusted display settings have been saved to S Switch, you can take the settings with you to other LCD monitors with the same model name. It is driver-free and helps apply new game modes quickly.

## Saving your game modes to S Switch

By default, the settings for game mode buttons (labeled 1~3) on S Switch are identical to the game modes (**Gamer1 / Gamer2 / Gamer3**) in **Mode** on your monitor. You can change the save setting or save more game modes to S Switch independently.

There are several ways to save a game mode to S Switch.

- Enable **Sync S Switch** to keep game modes always synced between the monitor and S Switch automatically: **Menu > Save > Save to > Sync S Switch**.
- (When **Sync S Switch** is disabled) Save the customized settings to S Switch only: **Menu > Save > Save to > S Switch**.

- (When **Sync S Switch** is disabled) Manually save a game mode to S Switch: press and hold a game mode button (labeled 1~3) on S Switch for 3 seconds after display adjustments.



If **Menu > Save > Save to > S Switch** is not available, disable the **Sync S Switch** function from **Menu > Save > Save to > Sync S Switch** first.

## Applying game modes from an S Switch to your monitor

Apart from the default and the adjusted settings done on your monitor, you can quickly import settings from other monitors with the same model name via S Switch.

### Applying and saving game modes to your monitor

1. Connect an S Switch with new game modes from another monitor of the same model name to your monitor.
2. Do not sync the monitor and S Switch when you are prompted to.
3. Press the preferred game mode button (labeled 1~3) on S Switch to apply the mode to the monitor.
4. Go to **Menu > Save > Save to > Monitor** and choose a game mode (**Gamer1 / Gamer2 / Gamer3**) to save the applied settings. This will overwrite the selected game mode on the monitor.

### Applying but not saving game modes to your monitor

1. Connect an S Switch with new game modes from another monitor of the same model name to your monitor.
2. Do not sync the monitor and S Switch when you are prompted to.
3. Press the preferred game mode button (labeled 1~3) on S Switch to apply the mode to the monitor.



- If you choose to sync the data between the monitor and S Switch when connecting the S Switch, the game modes on S Switch will be overwritten with the monitor settings.
- A system reset or mode reset will restore the monitor and the connected S Switch settings to the factory default values. Unplug the S Switch first if you wish to keep the game mode settings on it. To reset, see [Reset Mode on page 59](#) or [Reset All on page 59](#) for more information.



Alternatively, download **XL Setting to Share™** from [ZOWIE.BenQ.com > Monitor](#) to share game mode settings with compatible monitors easily.

## Adjusting Dynamic Accuracy (DyAc 2)

Dynamic Accuracy feature provides motion stability in games.

1. Press the 5-way controller to bring up the **Quick Menu**.
2. Go to **Menu > Picture > DyAc 2**.

# Activating variable refresh rate (VRR)

Your monitor supports variable refresh rate (VRR) technology that helps eliminate screen tearing, stuttering, and juddering during gaming.

1. Use a compatible graphics processing units (GPU) with the forthcoming driver. Confirm supported technologies please visit the website of your GPU manufacturer.
2. Ensure to connect with DisplayPort or HDMI socket<sup>(\*)</sup>. See [Connect the S Switch and the video cable. on page 18](#) for more information.
3. Go to **System > Adaptive-Sync** and set to **ON**. Pay attention to the on-screen messages before the function switch.
4. Make sure your GPU and gaming console support VRR via the HDMI port of your monitor. Enable VRR function from the settings of the GPU or gaming console.



- You are recommended to update your GPU and OS to the latest driver version to avoid possible compatibility issues.
- As types and specifications of GPU vary, for any questions related to VRR performance please contact your GPU manufacturer.
- <sup>(\*)</sup>: (XL2546X/XL2546X+/XL2566X+) HDMI 2.0 ports only support Adaptive-Sync for AMD graphics cards. (XL2586X/XL2586X+) Make sure your GPU supports HDMI 2.1 VRR.

## Using Scaling

You can resize your display by **Scaling**.

1. Press the 5-way controller to bring up the **Quick Menu**.
2. Go to **Menu > Display > Scaling**.



Your display may become unstable temporarily when being resized. This is a normal phenomenon and should not be considered as manufacturing defect.

## Initial setup for playing games at a higher screen refresh rate

You can optimize the monitor to enhance your gaming experience. You might want to start with the following steps.



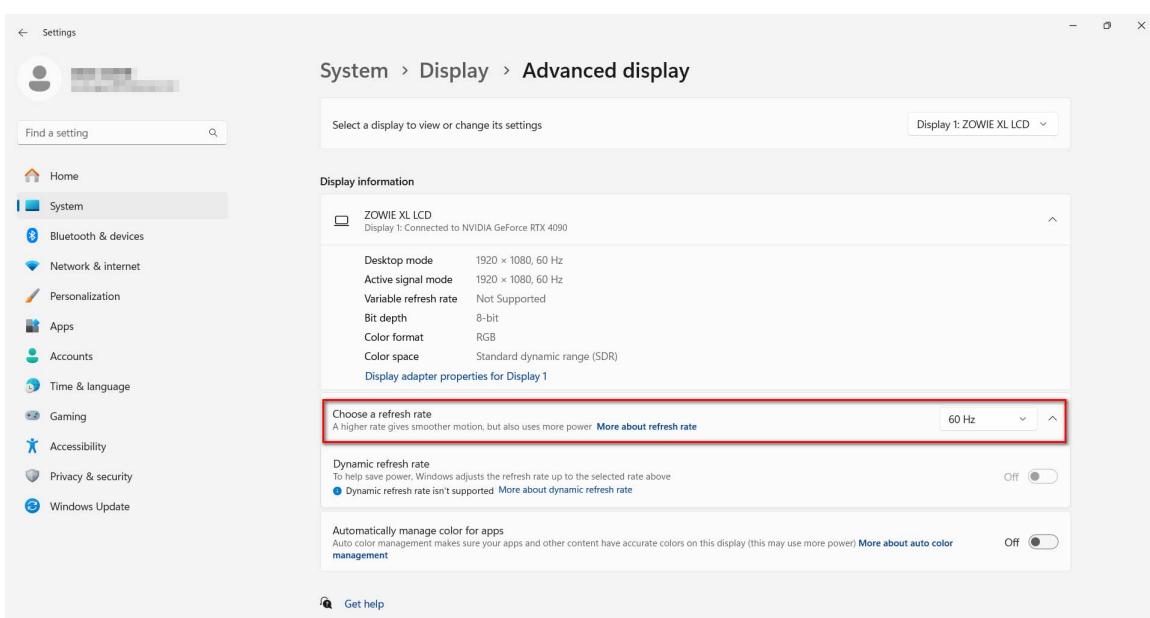
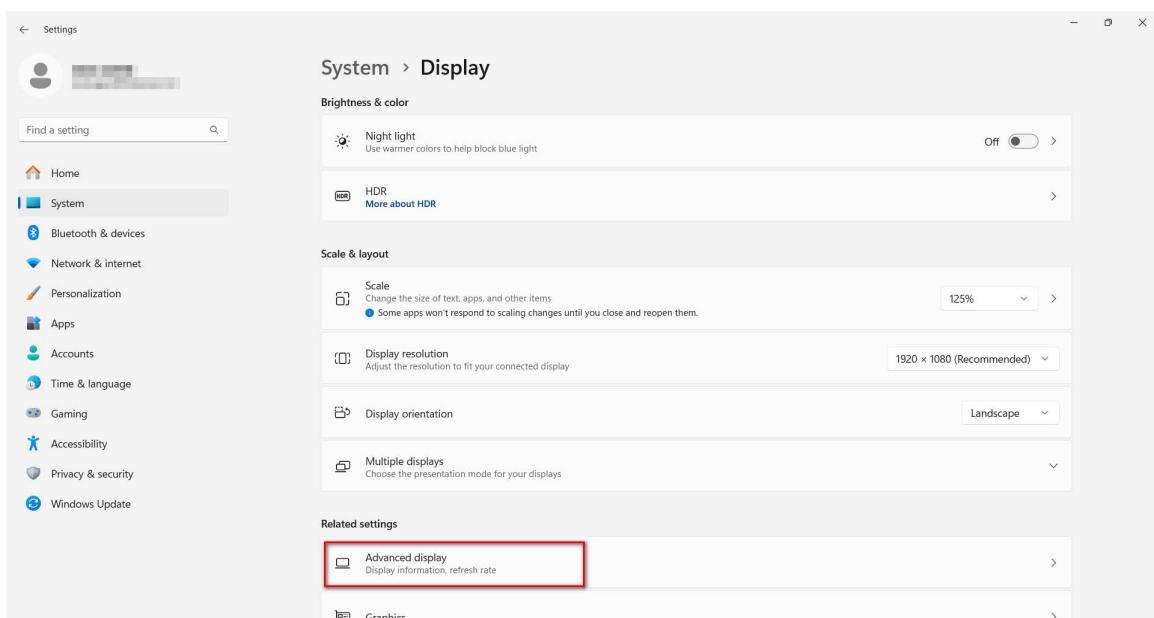
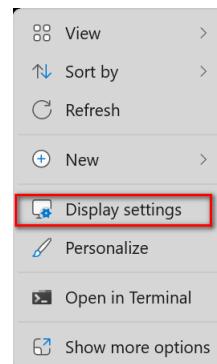
Available timings vary by model and input source. Download **Resolution file** from the website (see [Product support on page 3](#)). Refer to "Preset display modes" in **Resolution file** for more information.



Depending on the operating system on your PC, different procedures should be followed to adjust the screen refresh rate. Refer to the Help document of your operating system for details.

1. Set the monitor to a higher screen refresh rate. Right-click the desktop and select **Display settings > Advanced settings**. Change the screen a a rate you want from **Choose a**

**refresh rate.** And then click **Apply** and **Yes** to confirm the change. Available options may vary depending on the purchased model.



2. Go to the setup menu in your game, and change the frame rate or screen refresh rate to the same rate just set from the Windows OS in the previous step. Refer to the Help document that came with your game for details.

3. To check if the screen refresh rate has been changed, go to the **Quick Menu** on your monitor and check the system information.



If the featured maximum refresh rate is not available on your menus, check the following:

- make sure the HDMI cable or DisplayPort cable is properly connected to your computer and the monitor.
- make sure your GPU supports the monitor-featured maximum refresh rate.
- make sure your game supports the monitor-featured maximum refresh rate.



(XL2586X/XL2586X+ only)

If the featured maximum refresh rate is not available on your menus, go through the checks listed above first, and proceed with the following instructions.

- Make sure your OS is Windows 11 or above and has been updated to the latest version.
- On your monitor, go to **System > Other Settings > EDID Settings** and make sure it is set to **540Hz/600Hz**. See [EDID Settings on page 58](#) for more information.

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# Navigating the main menu

You can use the OSD (On Screen Display) menu to adjust all the settings on your monitor.

Press the 5-way controller to bring up the **Quick Menu** and select **Menu** to access the main menu. See [5-way controller and basic menu operations on page 33](#) for details.

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



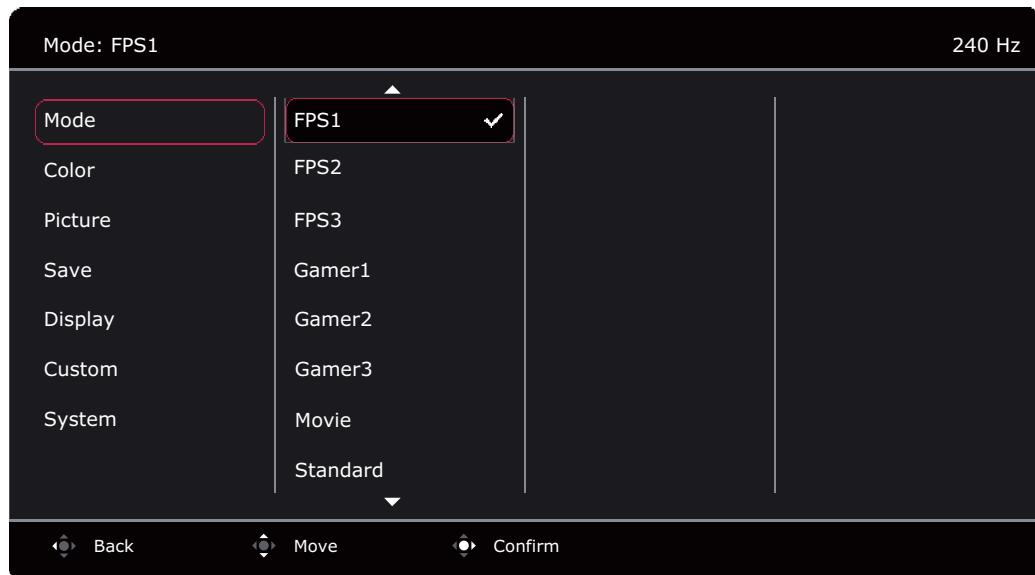
The OSD (On Screen Display) menu languages may differ from the product supplied to your region, see [Language on page 57](#) under **System** and **OSD Settings** for more details.

For more information on each menu, please refer to the following pages:

- [Mode menu on page 43](#)
- [Color menu on page 45](#)
- [Picture menu on page 47](#)
- [Save menu on page 49](#)
- [Display menu on page 51](#)
- [Custom menu on page 54](#)
- [System menu on page 56](#)

# Mode menu

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD (On Screen Display) icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.

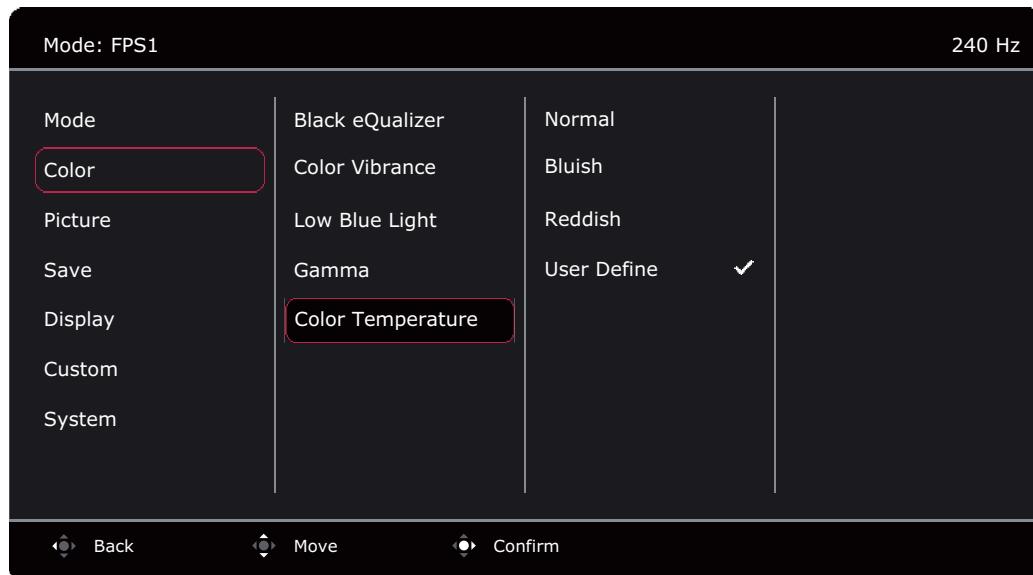


1. Press the 5-way controller to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Mode**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit the menu, select .

Item	Function	Range
<b>Mode</b>	<p>Select a picture mode that best suits the type of images shown on the screen.</p> <p>For more suggested picture modes for different game titles, download <b>XL Setting to Share™</b> from <a href="http://ZOWIE.BenQ.com">ZOWIE.BenQ.com</a> &gt; <b>Monitor</b>.</p> <p> The default picture mode is <b>FPS1</b> (for CS2). Change the setting if needed.</p> <p> The picture modes are not selectable when <b>ECO Setting</b> under <b>System</b> is enabled.</p>	
<b>FPS1</b>	For playing FPS (First Person Shooting) games. This mode is optimized for CS2.	
<b>FPS2</b>	For playing FPS (First Person Shooting) games. This mode is optimized for VALORANT.	
<b>FPS3</b>	For playing FPS (First Person Shooting) games. This mode is optimized for APEX.	
<b>Gamer1</b>	Applied customized display settings.	
<b>Gamer2</b>	 For details on setting up a game mode, see <a href="#">Setting up your own game mode on page 37</a> .	
<b>Gamer3</b>		
<b>Movie</b>	For viewing videos.	
<b>Standard</b>	For basic PC application.	

# Color menu

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD (On Screen Display) icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



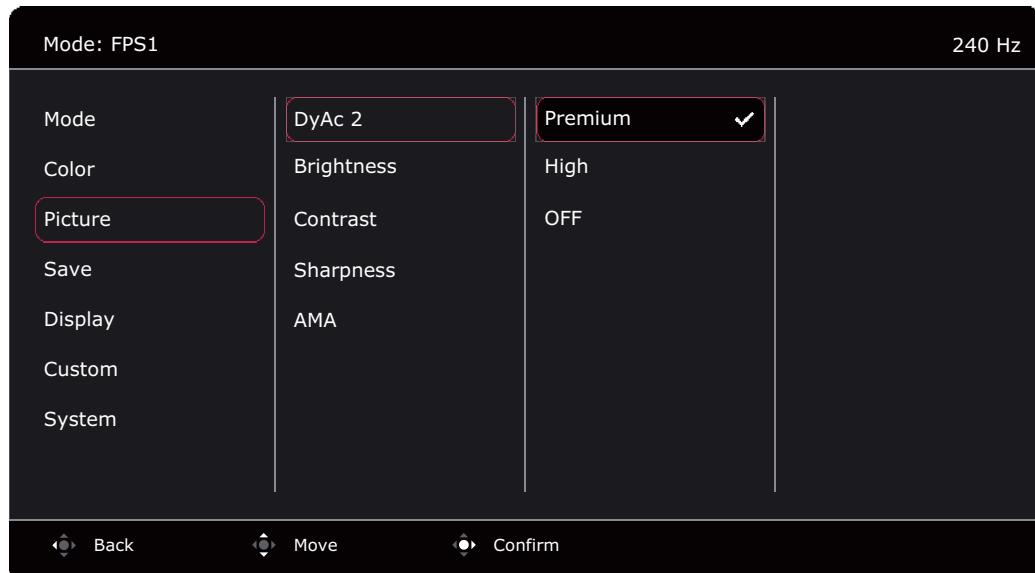
1. Press the 5-way controller to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Color**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit the menu, select .

Item	Function	Range
<b>Black eEqualizer</b>	<p>Brings out the dark shades by increasing the brightness without changing those of the light shades.</p> <p> If the image is too bright or barely contains any dark shades, adjusting the value of <b>Black eEqualizer</b> may not show much change to the image.</p>	0 ~ 20

Item	Function		Range
<b>Color Vibrance</b>	Provides different sets of color settings. Once applied, you can adjust some of the color settings in the corresponding menus.  Use the slider to adjust the overall color setting and tone. Go to <b>Advanced Define</b> to fine-tune the saturation of the 6 main colors.		<ul style="list-style-type: none"> <li>• 0 ~ 20</li> <li>• <b>Advanced Define</b></li> </ul>
<b>Low Blue Light</b>	Decreases the blue light emitted from the display to reduce the risk of blue light exposure to your eyes.   The amount of blue light reduced in each low blue light mode varies and has been set particularly for the specified scenario. Choose one mode to suit your needs.		0 ~ 10
<b>Gamma</b>	Adjusts the tone luminance.		<ul style="list-style-type: none"> <li>• 1</li> <li>• 2</li> <li>• 3</li> <li>• 4</li> <li>• 5</li> </ul>
<b>Color Temperature</b>	<b>Normal</b>	Allows video and still photographs to be viewed with natural coloring. This is the factory default color.	
	<b>Bluish</b>	Applies a cool tint to the image and is factory pre-set to the PC industry standard white color.	
	<b>Reddish</b>	Applies a warm tint to the image and is factory pre-set to the news print standard white color.	
	<b>User Define</b>	The blend of the Red, Green and Blue primary colors can be altered to change the color tint of the image. Go to the succeeding <b>R</b> (red), <b>G</b> (green), and <b>B</b> (blue) menus to change the settings.  Decreasing one or more of the colors will reduce their respective influence on the color tint of the image. (e.g. if you reduce the Blue level the image will gradually take on a yellowish tint. If you reduce Green, the image will become a magenta tint.)	<ul style="list-style-type: none"> <li>• <b>R</b> (0 ~ 100)</li> <li>• <b>G</b> (0 ~ 100)</li> <li>• <b>B</b> (0 ~ 100)</li> </ul>

# Picture menu

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD (On Screen Display) icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



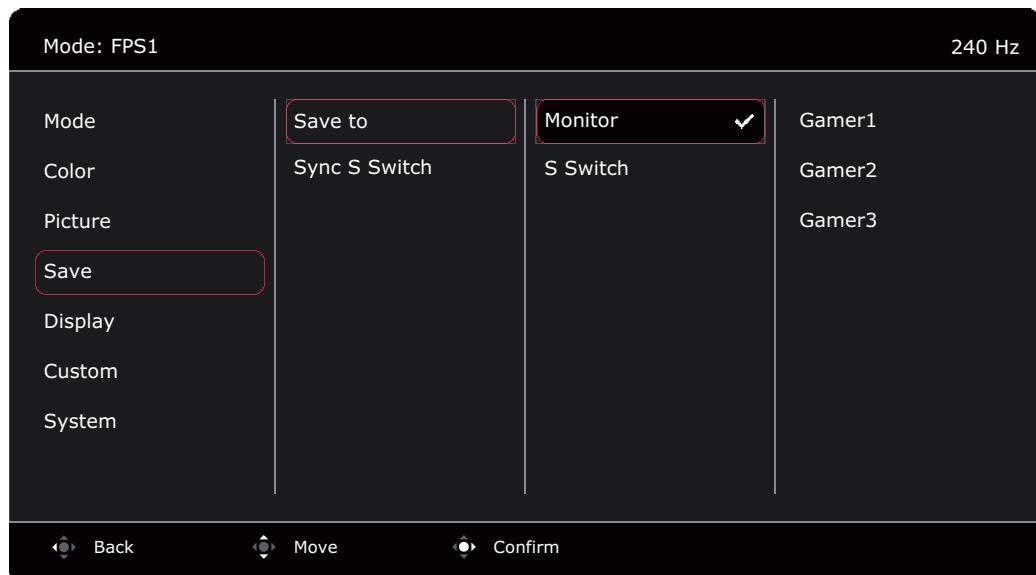
1. Press the 5-way controller to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Picture**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit the menu, select .

Item	Function	Range
<b>DyAc 2</b>	Dynamic Accuracy feature provides motion stability in games. This feature is recommended only when the refresh rate is 100 Hz or higher.	<ul style="list-style-type: none"><li>• <b>Premium</b></li><li>• <b>High</b></li><li>• <b>OFF</b></li></ul>
<b>Brightness</b>	Adjusts the balance between light and dark shades.	0 ~ 100
<b>Contrast</b>	Adjusts the degree of difference between darkness and lightness.	0 ~ 100
<b>Sharpness</b>	Adjusts the clarity and visibility of the edges of the subjects in the image.	1 ~ 10

Item	Function	Range
<b>AMA</b>	<p>Improves the gray level response time of the LCD panel.</p> <p> Once changed and saved, the setting takes effect immediately and applies to all modes.</p>	<ul style="list-style-type: none"> <li>• <b>Premium</b></li> <li>• <b>High</b></li> <li>• <b>Customize</b></li> <li>• <b>OFF</b></li> </ul>

# Save menu

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD (On Screen Display) icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



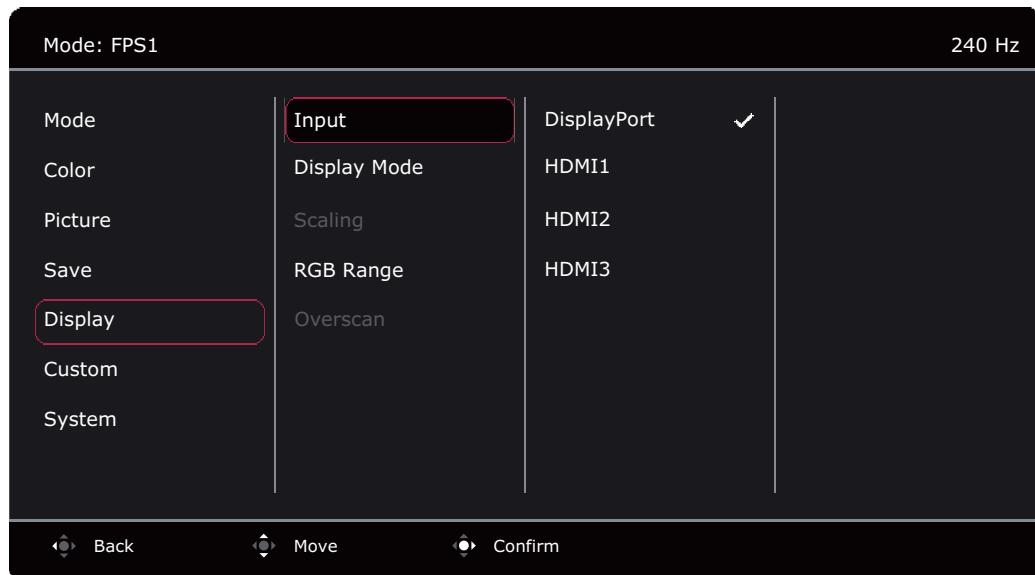
1. Press the 5-way controller to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Save**.
4. Select or to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit the menu, select .

Item	Function	Range
<b>Save to</b>	Decides where a new set of customized display settings is saved to.  Saves a new set of customized display settings.  See <a href="#">Setting up your own game mode on page 37</a> for information on applying the game mode.  <b>S Switch</b> is not available if <b>Sync S Switch</b> is enabled. Changes to the game modes ( <b>Gamer1</b> / <b>Gamer2</b> / <b>Gamer3</b> ) will be synced between the monitor and S Switch automatically.	• <b>Monitor</b> • <b>S Switch</b>

Item	Function	Range
<b>Sync S Switch</b>	<p>Decides if you want to always sync the game modes (<b>Gamer1</b> / <b>Gamer2</b> / <b>Gamer3</b>) between the monitor and S Switch.</p> <p>The display settings adjusted on the monitor will not be saved to S Switch automatically unless they are allowed to.</p>	<ul style="list-style-type: none"> <li>• <b>ON</b></li> <li>• <b>OFF</b></li> </ul>

# Display menu

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD (On Screen Display) icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



1. Press the 5-way controller to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Display**.
4. Select or to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit the menu, select .

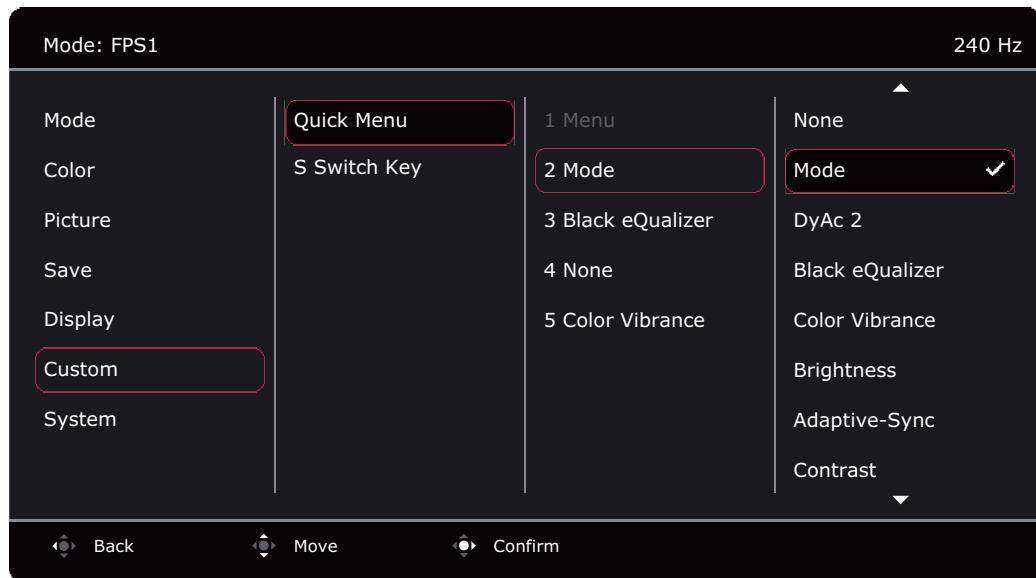
Item	Function	Range
<b>Input</b>	Use this to change the input to that appropriate to your video cable connection type.	<ul style="list-style-type: none"><li>• <b>DisplayPort</b></li><li>• <b>HDMI1</b></li><li>• <b>HDMI2</b></li><li>• <b>HDMI3</b></li></ul>

Item	Function		Range
<b>Display Mode</b>	<p>This feature is provided to allow aspect ratios other than 16:9 to be displayed without geometric distortion.</p> <p> The options under <b>Display Mode</b> will be different depending on the input signal sources.</p> <p> Depending on your selection of <b>Mode</b>, different <b>Display Mode</b> option is pre-set. Change the setting if needed.</p>		
	<b>Full</b>	Scales the input image to fill the screen. Ideal for 16:9 aspect images.	
	<b>Aspect</b>	The input image is displayed without geometric distortion filling as much of the display as possible.	
	<b>1:1</b>	Displays the input image in its native resolution without scaling.	
	<b>17" (4:3)</b>	Displays the input image as if on a 17" monitor of 4:3 aspect ratio.	
	<b>19" (4:3)</b>	Displays the input image as if on a 19" monitor of 4:3 aspect ratio.	
	<b>19" (5:4)</b> (XL2546 only)	Displays the input image as if on a 19" monitor of 5:4 aspect ratio.	
	<b>19"W (16:10)</b>	Displays the input image as if on a 19"W monitor of 16:10 aspect ratio.	
	<b>21.5" (16:9)</b>	Displays the input image as if on a 21.5" monitor of 16:9 aspect ratio.	
	<b>22"W (16:10)</b>	Displays the input image as if on a 22"W monitor of 16:10 aspect ratio.	
	<b>23"W (16:9)</b>	Displays the input image as if on a 23"W monitor of 16:9 aspect ratio.	
	<b>23.6"W (16:9)</b>	Displays the input image as if on a 23.6"W monitor of 16:9 aspect ratio.	
	<b>24"W (16:9)</b> (XL2546 only)	Displays the input image as if on a 24"W monitor of 16:9 aspect ratio.	

Item	Function	Range
<b>Scaling</b>	<p>Adjusts the display size to best suit your needs.</p> <p> Not available when the <b>Display Mode</b> is set to <b>Full</b> or <b>Aspect</b>. For other modes (except 1:1), each mode with its last scaling setting can be saved as quick access.</p> <p> If the <b>Display Mode</b> is <b>1:1</b> (and the resolution of the input source is lower than 1920 x 1080), the last 3 scaling settings (in different resolutions of the input source) will be saved for quick access.</p>	0 ~ 100
<b>RGB Range</b>	Determines the range of color scales. Select an option that matches the RGB range setting on the connected device.	<ul style="list-style-type: none"> <li>• <b>Auto Detect</b></li> <li>• <b>RGB (0~255)</b></li> <li>• <b>RGB (16~235)</b></li> </ul>
<b>Overscan</b>	Slightly enlarges the input image. Use this feature to hide annoying edge noise if present around your image.	<ul style="list-style-type: none"> <li>• <b>ON</b></li> <li>• <b>OFF</b></li> </ul>

# Custom menu

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD (On Screen Display) icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.

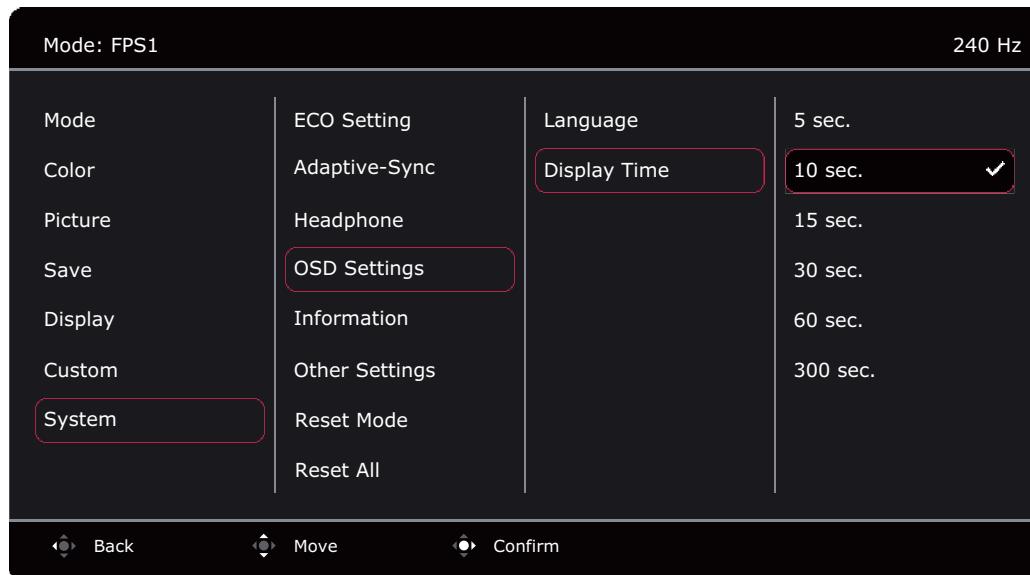


1. Press the 5-way controller to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Custom**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit the menu, select .

Item	Function	Range
<b>Quick Menu</b>	Sets 2 to 4 settings that could be frequently adjusted from the <b>Quick Menu</b> . Do not choose the same item for 2 settings or choose <b>None</b> for more than 2 settings. See <a href="#">Customizing the Quick Menu on page 35</a> for more information.	<ul style="list-style-type: none"> <li>• <b>None</b></li> <li>• <a href="#">Mode</a></li> <li>• <a href="#">DyAc 2</a></li> <li>• <a href="#">Black eEqualizer</a></li> <li>• <a href="#">Color Vibrance</a></li> <li>• <a href="#">Brightness</a></li> <li>• <a href="#">Adaptive-Sync</a></li> <li>• <a href="#">Contrast</a></li> <li>• <a href="#">Input</a></li> <li>• <a href="#">Low Blue Light</a></li> <li>• <a href="#">Gamma</a></li> <li>• <a href="#">Sharpness</a></li> <li>• <a href="#">AMA</a></li> </ul>
<b>S Switch Key</b>	Sets the function to be accessed by the S Switch Key on S Switch. See <a href="#">The S Switch on page 31</a> for the location of the key. Select a category first, and choose up to 3 options to be accessed by this key.	<ul style="list-style-type: none"> <li>• <a href="#">Mode</a></li> <li>• <a href="#">DyAc 2</a></li> <li>• <a href="#">AMA</a></li> <li>• <a href="#">Input</a></li> <li>• <a href="#">Advanced Define</a></li> </ul>

# System menu

Available menu options may vary depending on the input sources, functions and settings. Menu options that are not available will become grayed out. And keys that are not available will be disabled and the corresponding OSD (On Screen Display) icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



1. Press the 5-way controller to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **System**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit the menu, select .

Item	Function	Range
<b>ECO Setting</b>	Provides different ranges of screen brightness. When enabled, the maximum brightness is limited to consume less power. To utilize your monitor, disable the function to experience the optimal color settings of your monitor.	<b>•ON</b> <b>•OFF</b>
<b>Adaptive-Sync</b>	Sets on/off to enable/disable variable refresh rate (VRR).  Pay attention to the on-screen messages before the function switch.  Once changed and saved, the setting takes effect immediately and applies to all modes.	<b>•ON</b> <b>•OFF</b>

Item	Function		Range
<b>Headphone</b>	<b>Volume</b>	Adjusts the audio volume.   Due to graphic limitation on some of the graphic cards, the headphone jack on the monitor may not output audio signal. To output audio signal in this case, please use the headphone jack on the PC.	0 ~ 100
	<b>Mute</b>	Mutes the volume.	• <b>ON</b> • <b>OFF</b>
<b>OSD Settings</b>	<b>Language</b>	Sets the OSD (On Screen Display) menu language.   The language options displayed on your OSD (On Screen Display) may differ from those shown on the right, depending on the product supplied in your region.	<ul style="list-style-type: none"> <li>• <b>English</b></li> <li>• <b>Français</b></li> <li>• <b>Deutsch</b></li> <li>• <b>Italiano</b></li> <li>• <b>Español</b></li> <li>• <b>Polski</b></li> <li>• <b>Česky</b></li> <li>• <b>Magyar</b></li> <li>• <b>Hrvatski</b></li> <li>• <b>Română</b></li> <li>• <b>Nederlands</b></li> <li>• <b>Русский</b></li> <li>• <b>Svenska</b></li> <li>• <b>Português</b></li> <li>• <b>العربية</b></li> <li>• <b>日本語</b></li> <li>• <b>한국어</b></li> <li>• <b>繁體中文</b></li> <li>• <b>简体中文</b></li> </ul>
	<b>Display Time</b>	Adjusts the display time of the OSD (On Screen Display) menu.	<ul style="list-style-type: none"> <li>• <b>5 sec.</b></li> <li>• <b>10 sec.</b></li> <li>• <b>15 sec.</b></li> <li>• <b>30 sec.</b></li> <li>• <b>60 sec.</b></li> <li>• <b>300 sec.</b></li> </ul>

Item	Function		Range
<b>Information</b>	Displays the product information.		<ul style="list-style-type: none"> <li>• <b>Model Name</b></li> <li>• <b>Input</b></li> <li>• <b>Optimum Resolution</b> (best with the monitor)</li> <li>• <b>Adaptive-Sync</b></li> </ul>
<b>Other Settings</b>	<b>EDID Settings</b> (XL2586X/ XL2586X+ only)	<p>Sets the maximum screen refresh rate available in the Windows and graphic card display settings.</p> <p>Note that if you choose <b>500Hz/360Hz</b>, the system will hide <b>540Hz/600Hz</b> in the Windows / graphic card display settings.</p>	<ul style="list-style-type: none"> <li>• <b>540Hz/600Hz</b></li> <li>• <b>500Hz</b></li> <li>• <b>360Hz</b> (XL2586X+ only)</li> </ul>
	<b>Buzzer</b>	Turns the tone of control keys on or off.	<ul style="list-style-type: none"> <li>• <b>ON</b></li> <li>• <b>OFF</b></li> </ul>
	<b>Input Auto Switch</b>	Sets to automatically detect the available input source.	<ul style="list-style-type: none"> <li>• <b>ON</b></li> <li>• <b>OFF</b></li> </ul>
	<b>Auto Power Off</b>	Sets the time to power off the monitor automatically in power saving mode.	<ul style="list-style-type: none"> <li>• <b>OFF</b></li> <li>• <b>10 min.</b></li> <li>• <b>20 min.</b></li> <li>• <b>30 min.</b></li> </ul>
	<b>Deep Sleep</b>	<p>Sets to enable/disable deep sleep (power-saving) mode by powering off the monitor.</p> <p>If enabled, the monitor enters deep sleep mode by pressing the power button and consumes less power.</p> <p>If disabled, the monitor turns the backlight off without entering deep sleep mode by pressing the power button.</p>	<ul style="list-style-type: none"> <li>• <b>ON</b></li> <li>• <b>OFF</b></li> </ul>
	<b>LED Indicator</b>	Determines the brightness of the LED indicator.	<ul style="list-style-type: none"> <li>• <b>ON</b></li> <li>• <b>OFF</b></li> </ul>

Item	Function		Range
<b>Reset Mode</b>	Resets the current or all picture modes.		
	<b>Current Mode</b>	Resets the current picture mode.   (Applicable when <b>Save &gt; Sync S Switch</b> is enabled) If the current mode is <b>Gamer1</b> / <b>Gamer2</b> / <b>Gamer3</b> , and an S Switch is connected to the monitor, the same mode on both the monitor and S Switch will be reset.	• YES • NO
	<b>All Modes</b>	Resets all picture modes.   (Applicable when <b>Save &gt; Sync S Switch</b> is enabled) If an S Switch is connected to your monitor while performing this operation, the game mode settings saved on S Switch will be reset as well.	• YES • NO
<b>Reset All</b>	Resets all mode, color and geometry settings to the factory default values.   If an S Switch is connected to your monitor while performing this operation, the game mode settings saved on S Switch will be reset as well. Unplug the S Switch first if you wish to keep the game mode settings on it.		• YES • NO

# Troubleshooting

## Frequently asked questions (FAQ)

If your problems remain after checking this manual, please contact your place of purchase or visit the local website from [zowiesupport.benq.com](http://zowiesupport.benq.com) for more support and local customer service.



ZOWIE Support

[zowiesupport.benq.com](http://zowiesupport.benq.com) > Downloads or Download & FAQ > model name

### Imaging

- ? The image has a faulty coloration.
  - ✓ It has a yellow, blue or pink appearance.
    - The default picture mode is **FPS1**, which is especially tuned for CS2. The colors may look different when **FPS1** is applied to other PC applications or game titles. To find out a proper mode for current scenario, go to **Mode** (see [Mode on page 44](#)). You can try with **Standard** first and adjust the color settings according to your preferences.
    - If the image has a yellow, blue or pink appearance, go to **System** and **Reset Mode** to reset the color settings to the factory defaults.
- If the image is still not correct and the OSD (On Screen Display) also has faulty coloration, this means one of the three primary colors is missing in the signal input. Now check the signal cable connectors. If any pin is bent or broken off, please contact your dealer to get necessary support.
- ? The image is blurred.
  - ✓ Download **Resolution** file from the website (see [Product support on page 3](#)). Refer to "**Adjusting the Screen Resolution**". And then select the correct resolution, refresh rate and make adjustments based on these instructions.
- ? Does the blurring only occur at resolutions lower than the native (maximum) resolution?
  - ✓ Download **Resolution** file from the website (see [Product support on page 3](#)). Refer to "**Adjusting the Screen Resolution**". Select the native resolution.
- ? Pixel errors can be seen.
  - ✓ One of several pixels is permanently black, one or more pixels are permanently white, one or more pixels are permanently red, green, blue or another color.
    - Clean the LCD screen.
    - Cycle power on-off.
    - These are pixels that are permanently on or off and is a natural defect that occurs in LCD technology.

- ① The image is distorted, flashes or flickers.
- ②  Download **Resolution** file from the website (see [Product support on page 3](#)). Refer to "**Adjusting the Screen Resolution**". And then select the correct resolution, refresh rate and make adjustments based on these instructions.
- ③  You are running the monitor at its native resolution, but the image is still distorted.
- ④  Images from different input sources may appear distorted or stretched on the monitor running at its native resolution. To have the optimal display performance of each type of input sources, you can use the **Display Mode** function to set a proper aspect ratio for the input sources. See [Display Mode on page 52](#) for details.
- ⑤  The image is displaced in one direction.
- ⑥  Download **Resolution** file from the website (see [Product support on page 3](#)). Refer to "**Adjusting the Screen Resolution**". And then select the correct resolution, refresh rate and make adjustments based on these instructions.
- ⑦  Faint shadow from the static image displayed is visible on the screen.
  - Activate the power management function to let your computer and monitor go into a low power "sleep" mode when not actively in use.
  - Use a screensaver to prevent the occurrence of image retention.

## Power LED indicator

- ① The LED indicator is white or orange.
  - If the LED lights up in solid white, the monitor is powered on.
  - If the LED is illuminated in white and there is a message **Out of Range** on the screen, this means you are using a display mode that this monitor does not support, please change the setting to one of the supported mode. Download **Resolution** file from the website (see [Product support on page 3](#)). Refer to "**Adjusting the Screen Resolution**". And then select the correct resolution, refresh rate and make adjustments based on these instructions.
  - If the LED is illuminated in orange, the power management mode is active. Press any button on the computer keyboard or move the mouse. If that does not help, check the signal cable connectors. If any pin is bent or broken off, please contact your dealer to get necessary support.
  - If the LED is off, check the power supply mains socket, the external power supply and the mains switch.

## OSD (On Screen Display) messages

- ① A message **Out of Range** on the screen during computer boot up process.
- ②  If there is a message **Out of Range** on the screen during computer boot up process, this means computer compatibility caused by operating system or graphic card. The system will adjust the refresh rate automatically. Just wait until the operating system is launched.

## Audio

- ?  
No sound can be heard from the connected external speakers.
  - Remove your headphone (if the headphone is connected to the monitor).
  - Check whether the headphone jack is properly connected.
  - If the external speakers are USB-powered, check whether the USB connection is OK.
  - Increase the volume (volume may be muted or too low) on the external speakers.