MOBIUZ

OLED Monitor

User Manual

EX Series

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 Support.BenQ.com. The website layout and content may vary by region/country.
   - User manual and related document
   - Drivers and applications
   - (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.

Firmware upgrade

You are recommended to upgrade the product to the latest firmware version (if available) and refer to the most up-to-date user manual to make best use of the product.

To upgrade your monitor, download and install the **Display QuicKit** software from the BenQ website.

- Support.BenQ.com > model name > **Software & Driver** > **Display QuicKit** (available only when your monitor is compatible)
- Support.BenQ.com > **Display QuicKit** (availability may vary by region)

The software utility checks the compatibility of your monitor automatically once launched. Refer to the user manual of the software utility for instructions.

If your monitor is not compatible with **Display QuicKit**, and you wonder if there is an updated firmware version available, please contact BenQ customer service.

Advanced software

Apart from the built-in technologies and features available on this product, you are provided with more software applications to enhance and extend the product functionality.

Download the software and its user guide (if available) as instructed from the BenQ website.

- **Color Shuttle**

Color Shuttle is a utility software that allows users to apply, save, and globally share monitor settings. It also offers a curated collection of settings from color experts, game developers, and content creators worldwide.

EPREL Registration Number:
EX271UZ: 2448020 EX271QZ: 2580623 EX321UZ: 2580624

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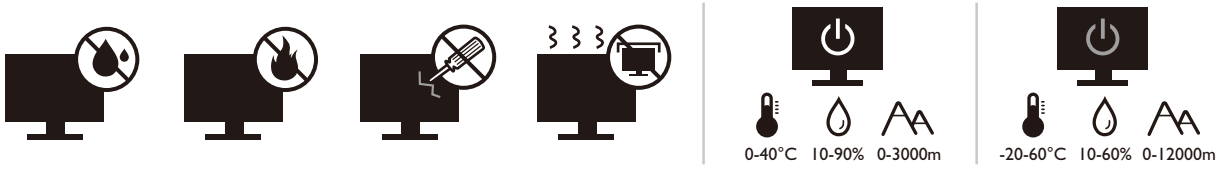
Safety precautions

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^2 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^2 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^2 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 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 away.
- 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.

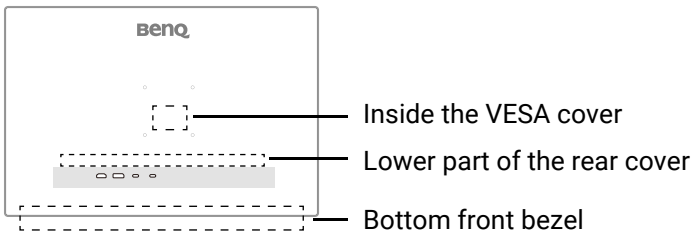
If the supplied remote control contains a coin / button cell battery, pay attention to the following notice as well.

- 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 monitor.
- Always unplug the product from the power outlet before cleaning. Clean the monitor surface with a lint-free, non-abrasive cloth. Avoid using any liquid, aerosol or glass cleaners.
- 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 model name, power rating, manufacturing date, barcode, serial number, and identification markings. The locations of labels vary by model. See the illustration below for where the labels can be.

Possible label location:



Servicing

- Do not attempt to service 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.
- For replacement of power cord, connection cables, remote control or power adapter, please contact BenQ customer service.
- Contact your place of purchase or visit the local website from Support.BenQ.com for more support.

Support.BenQ.com

General warranty information

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

- 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**.

Cleaning the monitor screen

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

As your monitor panel comes with a special coating, use and clean the monitor carefully.

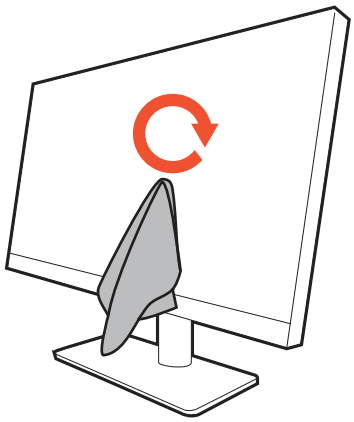
- Stains on the monitor screen could be obvious. Be cautious when you use or clean the monitor and avoid getting oil or dust on the screen.
- Fingerprints and dust under normal use could be wiped away by a microfiber cleaning cloth.
- Clean the screen surface gently and carefully. Hard scrubbing could damage the screen coating.

Be sure to follow the instructions to clean the screen surface appropriately.

Using a microfiber cleaning cloth* (recommended)

You are recommended to use a microfiber cleaning cloth to clean your monitor screen. It is an eco-friendly design as it is reusable, washable, and liquid-free.

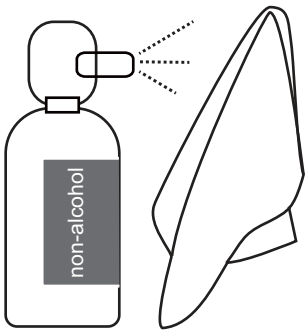
1. Unplug the monitor from the power outlet before cleaning.
2. Make sure there is no sharp debris on the cleaning cloth to avoid scratching the screen.
3. Hold the edge of the monitor and avoid excessive force on the screen.
4. Make sure the cleaning cloth is clean and dry. Start with a small, clean part of the cloth and wipe the stained area of the screen gently in circles. If it is still not clean, continue with another clean part of the cloth to avoid spreading the grease around. If both sides of the cloth are used and get dirty, wash and dry the cloth properly.

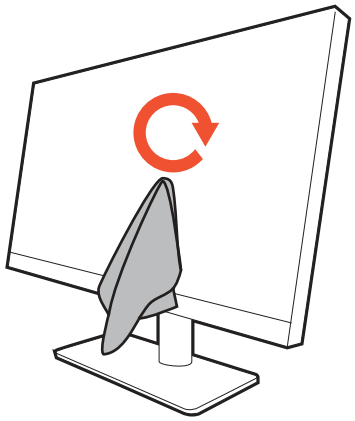


- *: The availability or the cleaning cloth varies by model. See Getting started on page 15 for your package contents.
- To prevent the seams around the cleaning cloth from marring the screen surface, avoid wiping the screen with the edge of the cleaning cloth.

5. If necessary, apply a small drop of alcohol-free screen cleaner on a small, clean part of the cleaning cloth, and wipe the stained area gently in circles. See Using a screen cleaner on page 12 for more information.

6. Use a clean part of the cloth to wipe dry the screen completely.If it is still not clean, continue with another clean part of the cloth to avoid spreading the grease around. Repeat this step until the screen is clean.

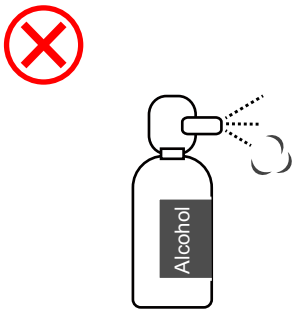


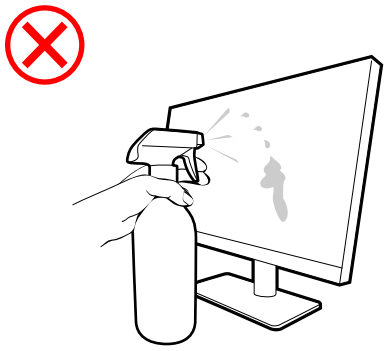


7. The cleaning cloth may get dirty after using several times and may not be able to clean the screen properly. Wash it with detergent and remove debris from it by hand if necessary. Keep it in a cool place until it is dry. Make sure it is completely dry before next cleaning.

Using a screen cleaner

- Use screen cleaning wipes which are pre-moistened and alcohol-free. You can wipe away oil and fingerprints easily.
- Use an alcohol-free screen cleaner kit. Spray on the microfiber cloth that came with the screen cleaner kit, and wipe stains off the screen. Never spray anything directly onto the screen.
- Make sure no liquid goes into the gap between the screen and the bezel. Liquids inside the monitor could cause short circuits.





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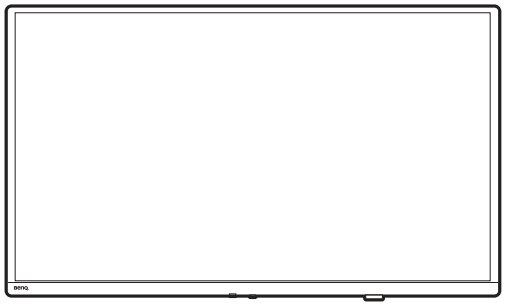
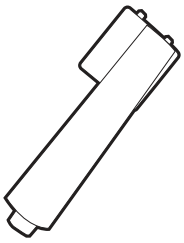
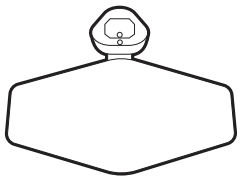
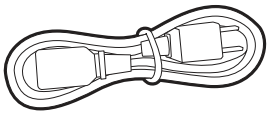
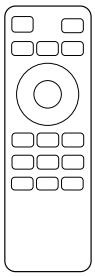
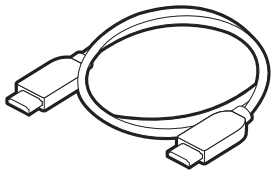
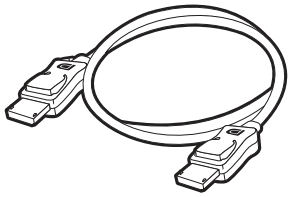
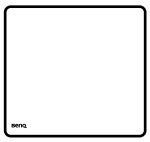
Getting started

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

BenQ OLED Monitor	
Monitor Stand	
Monitor Base	
User Documents • Quick Start Guide • Safety Instructions • Regulatory Statements	
Calibration Report	
Power Cord (Supplied item may differ by model or region.)	
Remote Control (RC-0020. Batteries should be purchased separately.)	

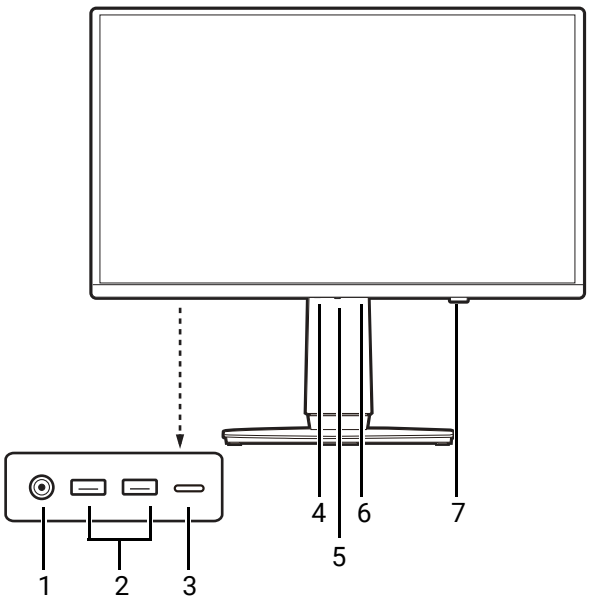
Video Cable: HDMI	
Video Cable: DP (EX321UZ only)	
Screen Cleaning cloth	

- 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

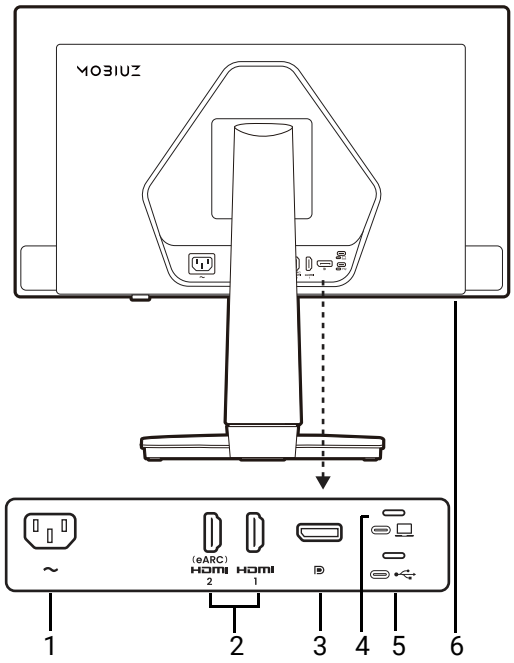
Front view



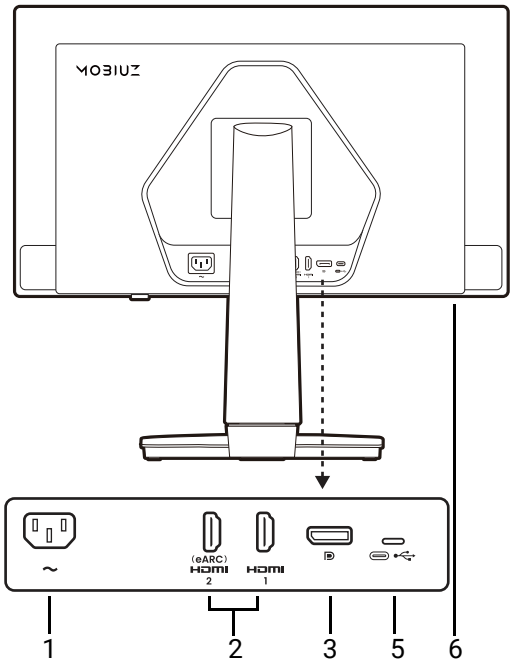
1. Headphone jack
2. USB-A port (downstream; connecting to USB devices, with 0.9A power supply)
3. USB-C™ data port (downstream; connecting to USB devices, with 1.5A power supply)
4. Input hotkey
5. 5-way controller
6. Power button / Power LED indicator
7. IR receiver (for remote control)

Back view

EX271UZ / EX321UZ



EX271QZ



1. Power input jack
2. HDMI socket x 2
3. DisplayPort socket
4. (EX271UZ/EX321UZ) USB-C™ video port (for video, data transmission and power delivery up to 90W)
5. USB-C™ data port (upstream; for data transmission)
6. Kensington lock slot

- The USB data transmission speed varies according to your selection in USB-C Configuration on page 65.
- Above diagram may vary depending on the model.
- Picture may differ from product supplied for your region.
- (Applicable for products with white case) The case of the product may turn yellow in about 3 years due to the photo-oxidation reactions induced by light. This is a normal phenomenon and should not be considered as manufacturing defect.

Power delivery of USB-C™ ports on your monitor (EX271UZ/EX321UZ only)

With the power delivery function, your monitor helps supply power to the connected USB-C™ devices. Available power varies by port. Make sure the devices are connected to the appropriate ports to be activated properly with sufficient power.

USB-C™ 15W	USB-C™ 65W	USB-C™ 90W
5V / 3A	5V / 3A	5V / 3A
N/A	9V / 3A	9V / 3A
N/A	12V / 3A	12V / 3A
N/A	15V / 3A	15V / 3A
N/A	20V / 3.25A	20V / 4.5A

- A connected device needs to be equipped with a USB-C™ connector that supports charging function via USB power delivery.
- The connected device can be charged via USB-C™ port even when the monitor is in power saving mode.(*)
- The USB power delivery is up to 90W. If the connected device requires more than the delivered power for operation or for boot up (when the battery is drained), use the original power adapter that came with the device.

The information is based on the standard testing criteria and is provided for reference. The compatibility is not guaranteed as the user environments vary. If a separately purchased USB-C™ cable is used, make sure the cable is certified by USB-IF and is full-featured, with power delivery and video / audio / data transmission functions.

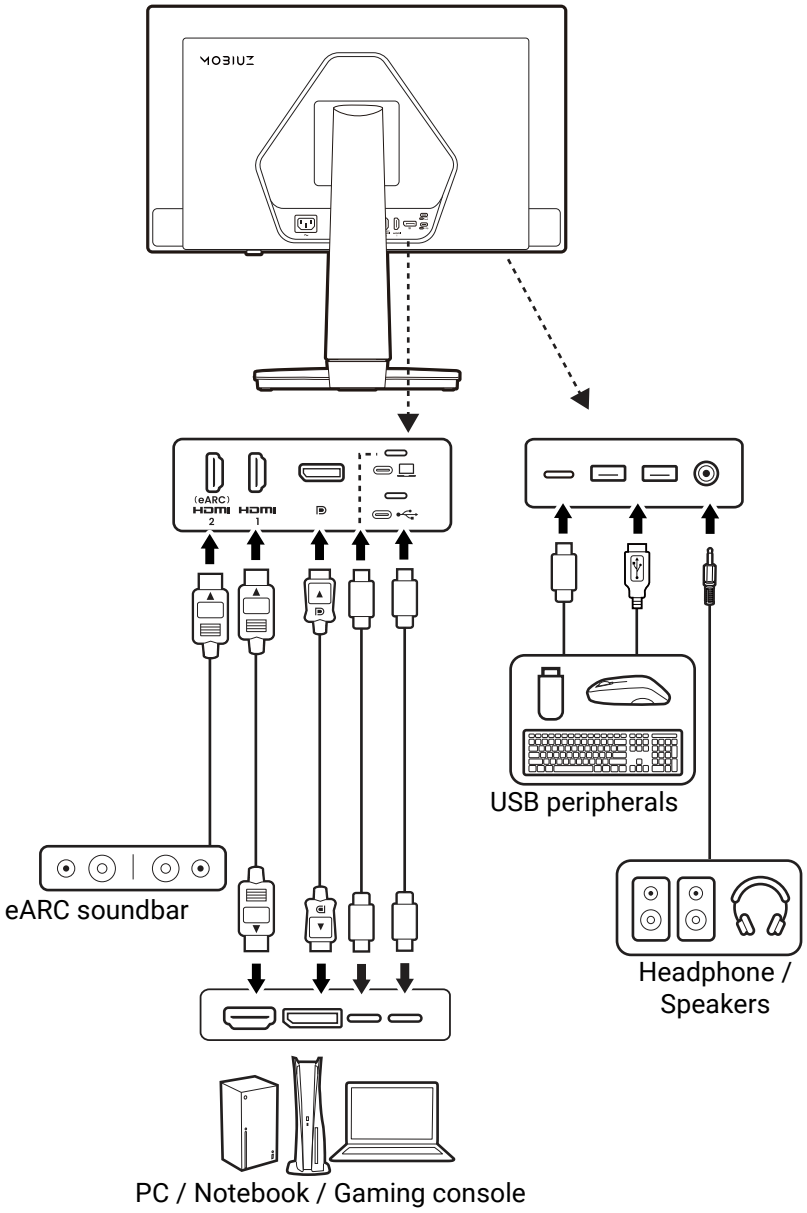
- *: Charging via USB-C™ in monitor power saving mode is available when the **USB-C Awake** function is enabled. Go to **System** > **USB-C Power** > **USB-C Awake** and select **ON**.
- To change the power delivered from USB-C™ video port, go to **System** > **USB-C Power** > **Power** ( ).

Connections

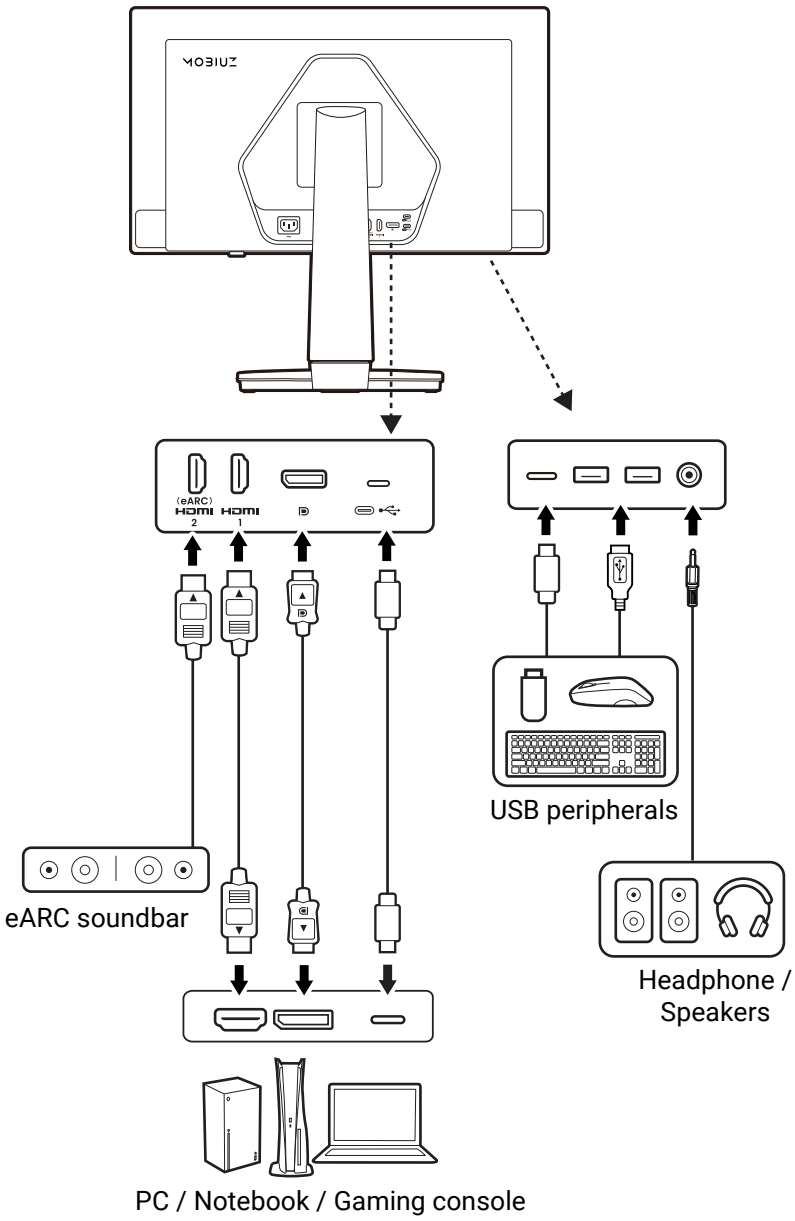
The following connection illustrations are for your reference only. For cables that are not supplied with your product, you can purchase them separately.

For detailed connection methods, see page 27 - 28.

EX271UZ/EX321UZ

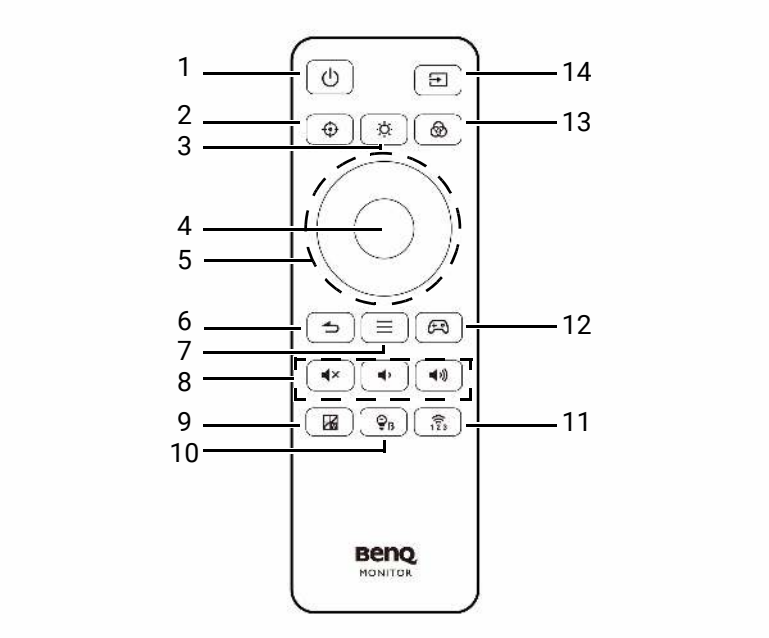


EX271QZ


USB peripherals
eARC soundbar
Headphone /
Speakers
PC / Notebook / Gaming console

Getting to know your remote control

Overview



No.	Name	Key	Description
1.	Power key		Turns the power on or off.
2.	Crosshair key		Accesses a list of crosshair options. Press repeatedly to cycle through these options
3.	Brightness key		Adjusts the brightness.
4.	OK key		(When OSD menu is not activated and HDMI CEC is enabled) • Works as console control command: OK (When OSD menu is activated) • Enters the sub menu. • Confirms the selection.

No.	Name	Key	Description
5.	Navigation keys	(When OSD menu is not activated and HDMI CEC is enabled)	
			Works as console control command: Up
			Works as console control command: Right
			Works as console control command: Down
			Works as console control command: Left
		(When OSD menu is activated)	
			• Goes to the previous menu item. • For up / increase adjustment.
			• Enters the sub menu. • For increase adjustment.
			• Goes to the next menu item. • For down / decrease adjustment.
			• Returns to the previous menu. • For decrease adjustment. • Exits OSD menu.
6.	Return / Exit key		(When OSD menu is not activated and HDMI CEC is enabled) • Works as console control command: Back (When OSD menu is activated) • Returns to the previous menu. • Exits OSD menu.
7.	Menu key		• Activates the main menu. See Navigating the main menu on page 47 for more information. • (When the hotkey menu has been activated) Closes the hotkey menu.
8.	Monitor volume adjustment		
	Mute key		Mutes / unmutes the volume.
	Volume down key		Decreases the volume.
	Volume up key		Increases the volume.

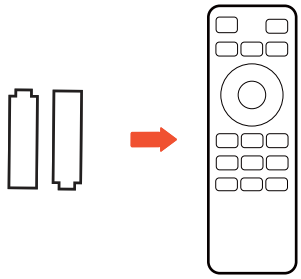
No.	Name	Key	Description
9.	**Color Vibrance** key		Accesses to **Color Vibrance** adjustment.
10.	Low Blue Light key		Accesses to Low Blue Light adjustment.
11.	IR channel switch		Switches to different IR channels.
12.	**Game Assist** key		Accesses a list of refresh rate display options. Press repeatedly to cycle through these options. See Checking current refresh rate on page 45 for more information.
13.	Game art color mode key		Accesses to a list of color modes exclusively for EX series monitors. See Game art color mode menu on page 36 for more information.
14.	Input source key		Accesses a list of available input sources. Press repeatedly to cycle through these options.

OSD = On Screen Display.

Installing the remote control’s batteries

- Battery availability may vary by region. Purchase batteries separately if they are not supplied.
- Check Battery safety notice (applicable if a remote control is provided) whether the batteries are supplied with the product or purchased separately.
- Battery size and recommended battery type for this remote control: AAA Zinc-Carbon battery (R03).

1. Turn over the remote control. Slide to open the battery cover.
2. Insert batteries to the battery compartment. Make sure the direction is correct. The negative terminal (-) of a battery should be pushing against the spring in the compartment.
3. Replace the battery cover. The remote control is ready to use now.



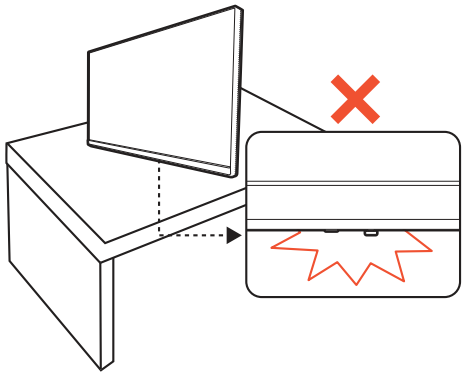
- Keep the remote control and the batteries out of reach of children.
- The remote control supplied with this product uses a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- If the remote control will not be used for an extended period of time, remove the batteries.

Assembling your monitor hardware

- 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. The packaging, the location and available input and output jacks may vary depending on the purchased model.
- The supported timing may vary by input signal. Download **Resolution file** from the website (see Product support on page 3). Refer to "**Preset display modes**" in Resolution file for more information.
- Avoid finger pressure on the screen surface.

Be careful when handling the sharp monitor base and protect yourself from any physical harm.

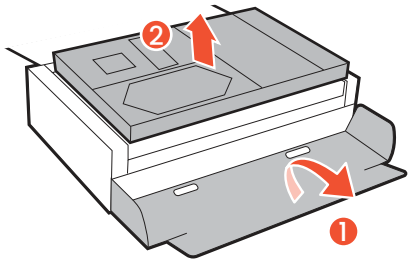
Never stand your monitor on a desk or floor without its stand arm and base. The controls on the bottom of the front bezel are not designed to hold the weight of the monitor and may be damaged.



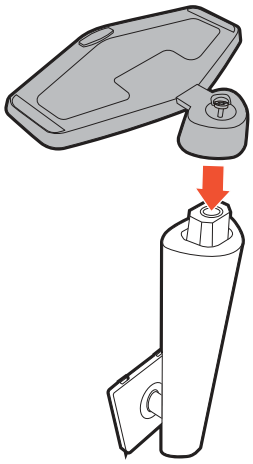
1. Attach the monitor base.

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 OLED substrate voiding your warranty. Sliding or scraping the monitor around on your desk will scratch or damage the monitor surround and controls.

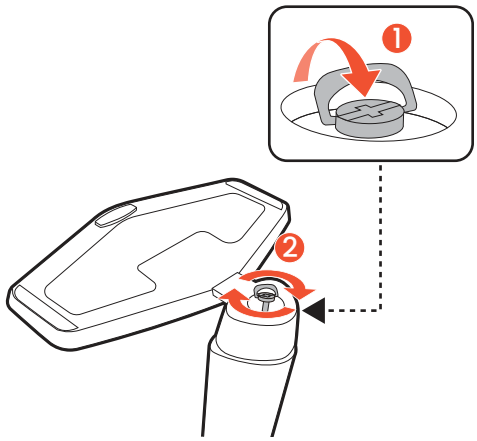
Open the box, remove the cushion that protects the back of the monitor. And take out the monitor stand and base. Packaging may differ by model.



Attach the monitor stand to the monitor base as illustrated.

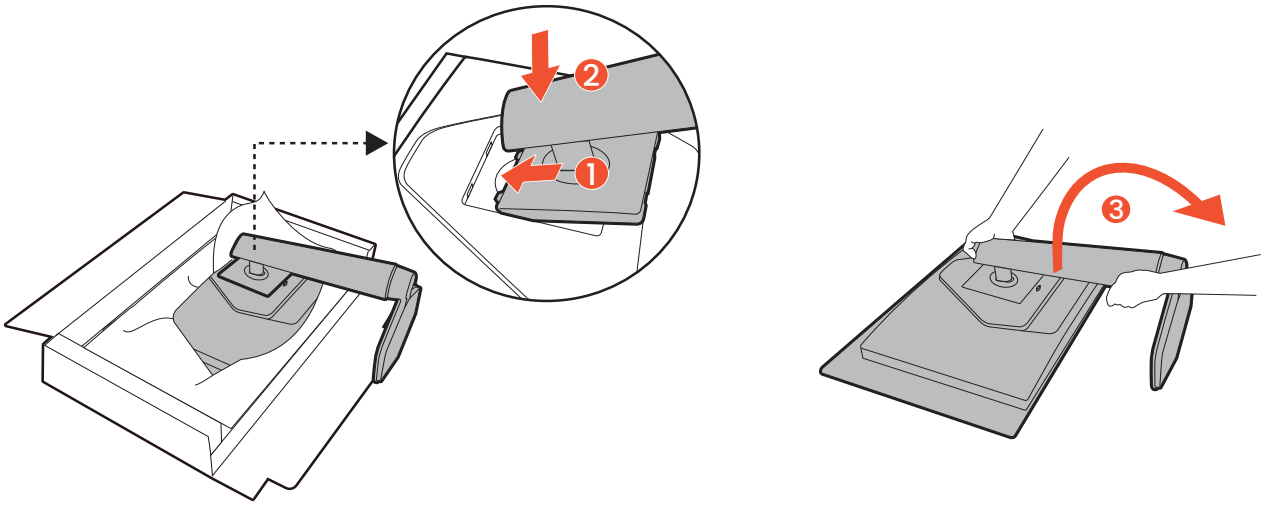


Raise the thumbscrew lid and tighten the thumbscrew as illustrated. Then push the lid back.



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

Carefully lift the monitor, turn it over and place it upright on its stand on a flat even surface.

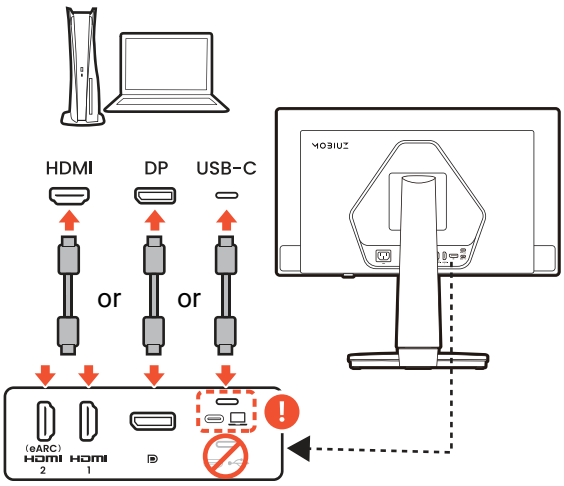


2. Connect the video cable.

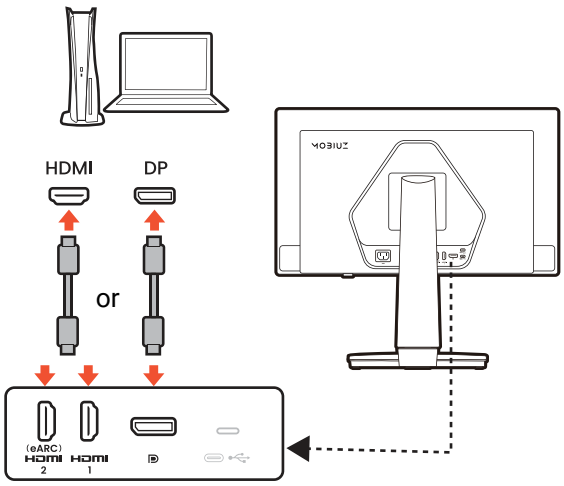
The video cables included in your package and the socket illustrations in this document may vary depending on the product supplied for your region.

Establish a video cable connection. Connect the monitor to your video source(s) via HDMI/DP/USB-C™ cable(s) as illustrated.

EX271UZ/EX321UZ

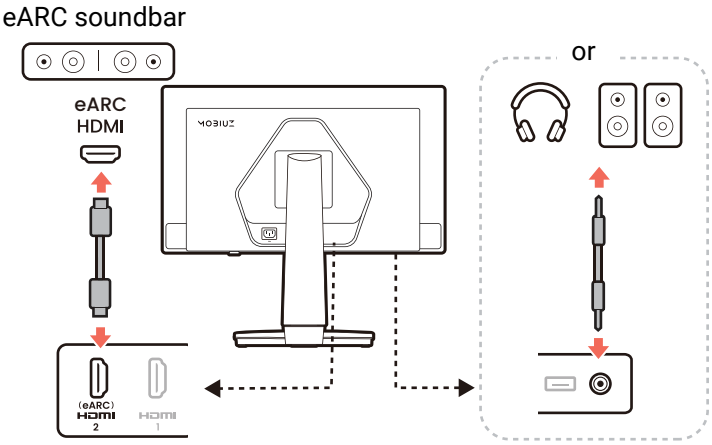


EX271UZ/EX321UZ



3. Connect the audio cable.

You are recommended to connect an eARC soundbar to HDMI-2 port on the monitor. You may connect headphones/speakers to the headphone jack found on the bottom of the monitor.



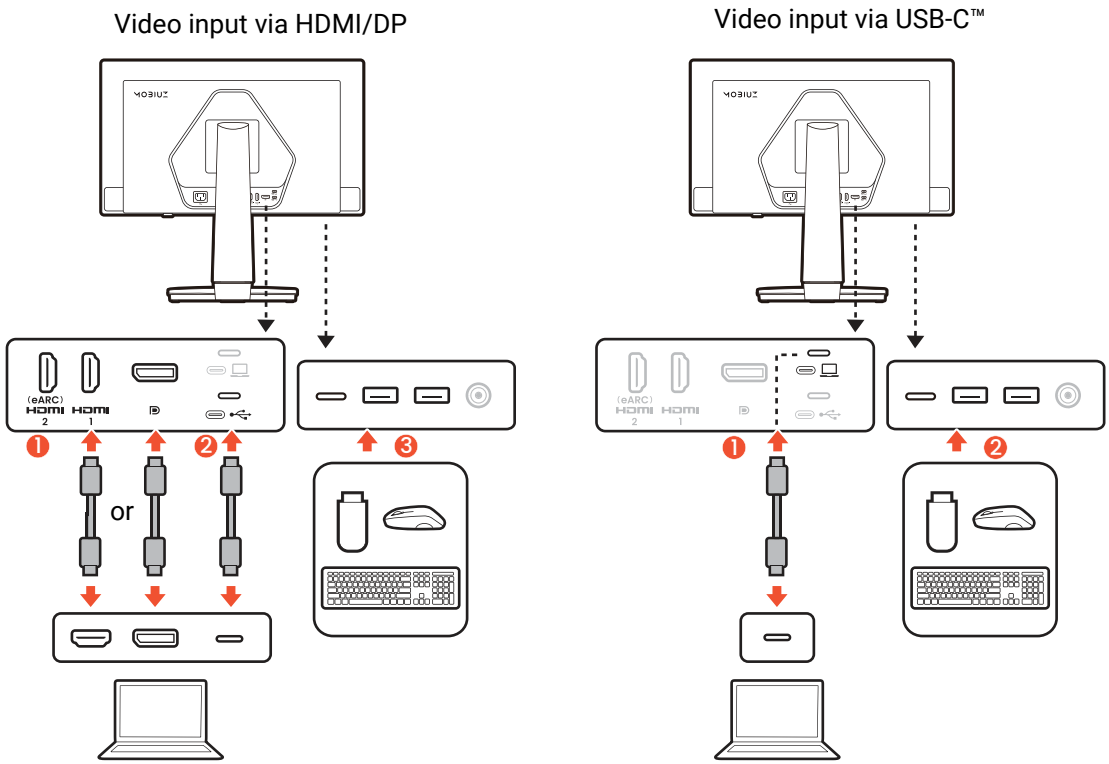
4. Connect USB devices.

When the video input is HDMI/DP

1. Connect the input source via HDMI or DP.
2. Connect the USB cable between the PC and the monitor (via the USB-C™ data upstream port at the back). This upstream port transmits data between the PC and the USB devices connected to the monitor.
3. Connect USB devices via other USB ports (downstream) on the monitor. These downstream USB ports transmit data between connected USB devices and the upstream port.

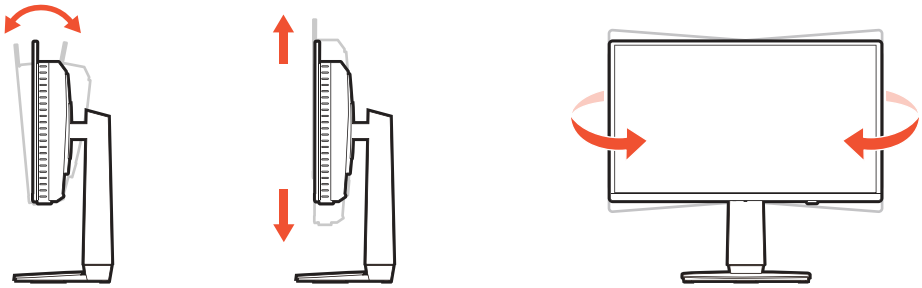
When the video input is USB-C™ (EX271UZ/EX321UZ only)

1. Connect the video source via USB-C™ video port ( ).
2. Connect USB devices via other USB ports (downstream) on the monitor. These downstream USB ports transmit data between connected USB devices and the upstream port.



5. Adjust the viewing angle.

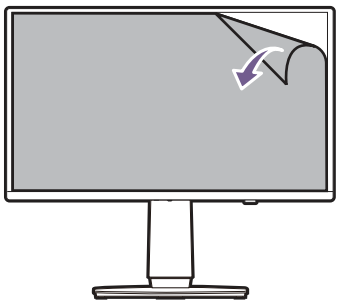
You may position the screen to the desired angle with monitor tilt, swivel, and height adjustment functions. Check the product specifications on the website for details.



Note that your monitor comes with an ultra-slimmed OLED panel and should be handled carefully. Avoid finger pressure on the screen surface. Excessive force on the display is prohibited. Never hold the slimmed part of the OLED panel directly under any circumstances. To adjust the viewing angle, hold the panel together with the rear of the monitor and make adjustment carefully.

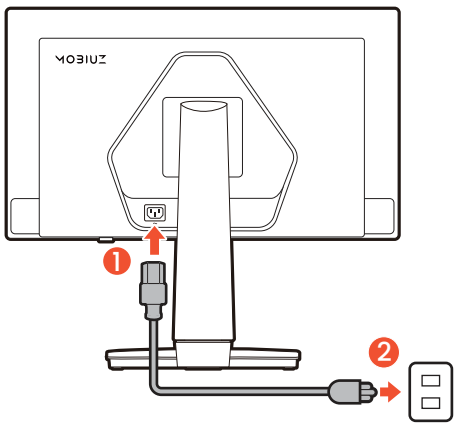
6. Remove the protection film.

Find the pull tab and gently peel the protective film off the monitor slowly to avoid static buildup.



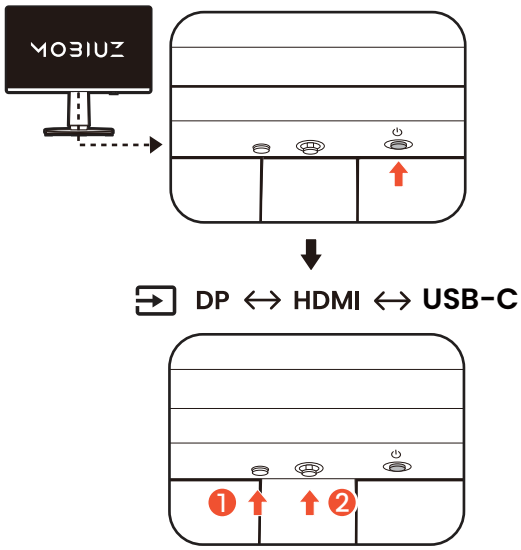
7. Connect to power.

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



8. Turn-on the power.

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. Note the available options vary by model.



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

9. Setting up the monitor ready for gaming.

You are prompted to start the monitor with three color modes that are tailored to distinct game arts styles. Press the 5-way controller to proceed. Proceed to set a color mode for the current input or navigate the menu for other settings. See 5-way controller and basic menu operations on page 39 for details.

You can set the monitor to work in specific scenarios with preferred set of settings. See Setting up your monitor for different scenarios on page 40 to complete the configuration.

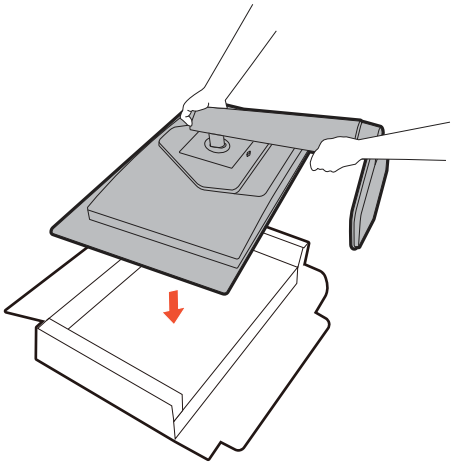
How to detach the stand and the base

1. Power off the monitor.

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

2. Prepare the monitor and area.

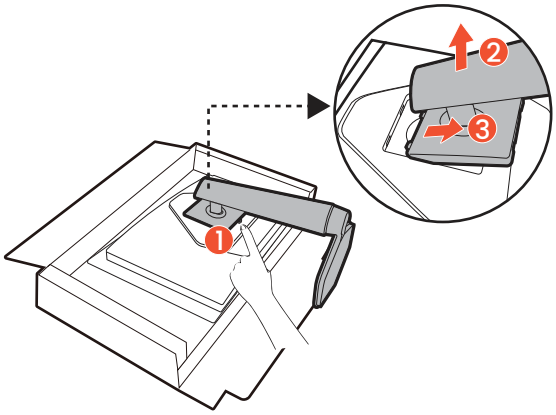
Lay the screen face down on a clean and well-padded surface. Or put the monitor back to the box that used to ship the product in the first place.



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 OLED substrate voiding your warranty. Sliding or scraping the monitor around on your desk will scratch or damage the monitor surround and controls.

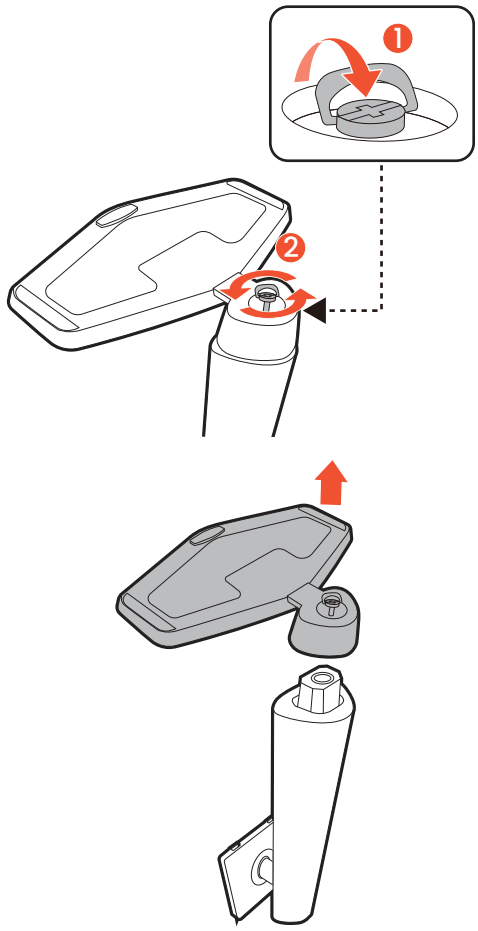
3. Remove the monitor stand.

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



4. Remove the monitor base.

Release the screw on the bottom of the monitor base and detach the monitor base 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.

Mounting the monitor

The back of your monitor has a VESA standard mount with 100mm pattern, allowing the installation of a wall mount bracket or a monitor arm (both purchased separately). Before starting to mount your monitor, please read the precautions carefully.

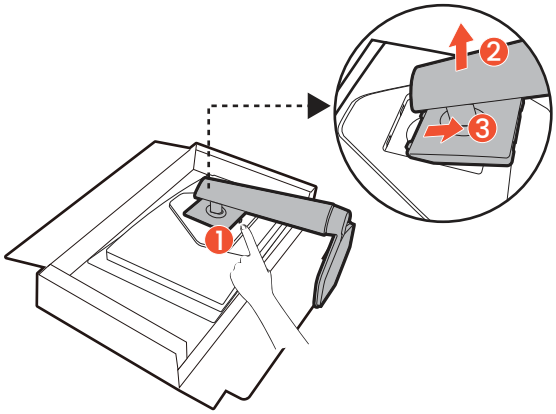
You can visit BenQ website for available monitor arms.

Precautions

- Install your monitor and monitor mounting kit on a wall/desk with flat surface.
- Ensure that the wall/tabletop material and the standard wall/arm 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 monitor.

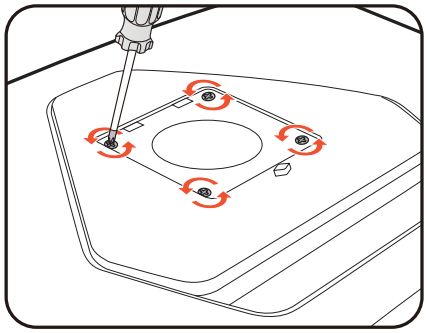
1. Remove the monitor stand.

   Detach the monitor stand as instructed in How to detach the stand and the base on page 31.



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.



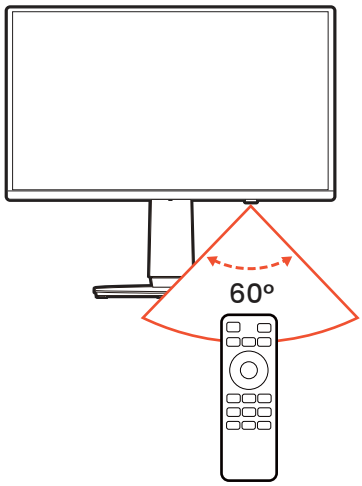
3. Follow the instruction manuals of the wall/desk mount bracket you purchased to complete the installation.

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.

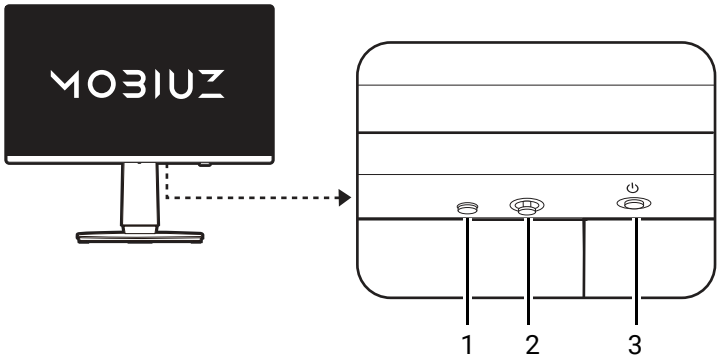
Monitor controls

The remote control and its effective range

1. Follow the instructions in Installing the remote control's batteries on page 25 to get the remote control ready.
2. Aim the remote control at the monitor. The IR remote control sensor is located at the front of the monitor with a range of 6 meters approximately at an angle of 30 degrees (left and right) and 30 degrees (up and down). Make sure that there are no obstacles between the remote control and the IR sensor on the monitor.
3. To operate with the remote control, see Getting to know your remote control on page 22 for more information.



The control panel



No.	Name	Description
1	Input key	Accesses video source selection menu.
2	5-way controller	Accesses the functions or menu items as instructed by the on-screen icons. See 5-way controller and basic menu operations on page 39 for more information.
3	Power key	Turns the power on or off.

Menu introduction

Head-up display (HUD)

HUD is available only when **Quick Menu** or main menu is displayed by default. Press / / to bring up the **Quick Menu** and HUD.

No.	Item	Description
1	FreeSync	Shows the FreeSync status. See FreeSync Premium Pro on page 63 for more information.
2	HDR	Shows the HDR status. See Enabling HDR function on page 44 for more information.
3	Resolution	Shows the current screen resolution.
4	Refresh rate	Shows the current refresh rate. It changes with the video input from console/computer in real-time.

FPS counter

FPS counter shows the current refresh rate. It changes with the video input from console/computer in real-time.

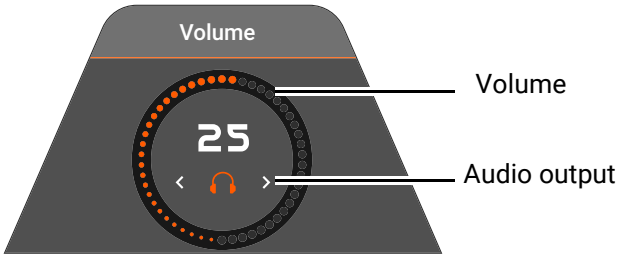
If enabled, FPS counter is displayed on the upper-right corner of the screen. See Checking current refresh rate on page 45 for more information. Alternatively, press on the remote control.

Hotkey menus

Press a hotkey to bring up the corresponding menu.

Audio menu

Press / to bring up the audio menu.



Input selection menu

Press the Input key on the monitor or the key on the remote control to bring up input selection menu.

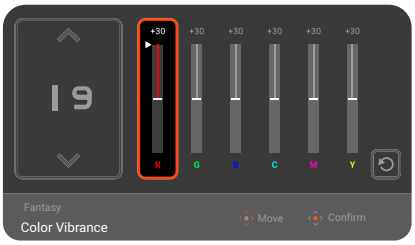
Game art color mode menu

Press the game art color mode key ( ) on the remote control to bring up a list of game color mode options. See Color Mode on page 48 for more information.

Color Vibrance menu

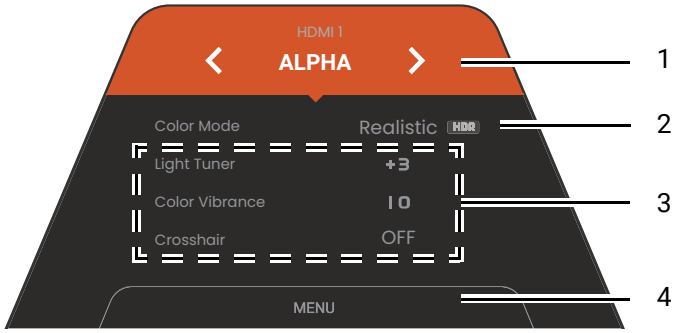
Press the **Color Vibrance** key ( ) on the remote control to bring up the adjustment menu.

Press / to adjust the overall color setting and tone. You can also press and use the sliders to fine-tune the saturation of the 6 main colors.



Quick Menu

Press / / to bring up the **Quick Menu**.



No.	Item	Description
1	Input source and the preset scenario	Displays the current video source / scenario. Press / to cycle through all scenarios. See Setting up your monitor for different scenarios on page 40 for more information.
2	Color mode	See Color Mode on page 48 for more information.
3	Quick settings	Press / to make adjustments. The default setting menus vary by scenario and may not be adjustable on certain color modes. See Available menu options to each Color Mode on page 53 for available options on each color mode. To customize the setting menus that can be accessed from the **Quick Menu**, see Customizing the Quick Menu for a scenario on page 41.
4	Main menu	Accesses the main menu. See Main menu on page 38 for more information.

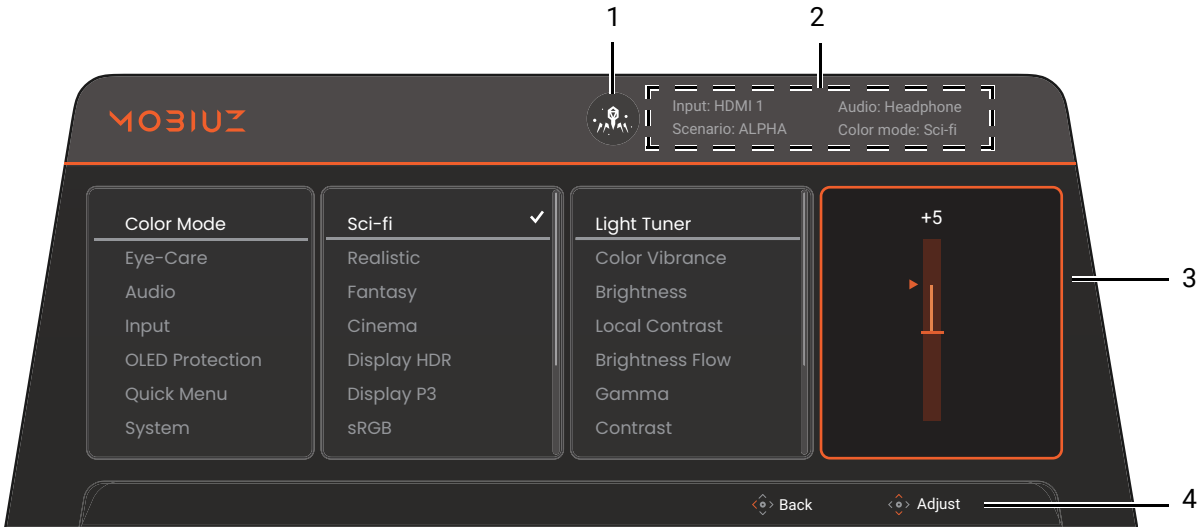
Main menu

Access the main menu to adjust all the settings on your monitor

• Press the menu key ( ) to bring up the main menu.

• Press / / for the **Quick Menu** > **Menu**.

See Navigating the main menu on page 47 for more information.

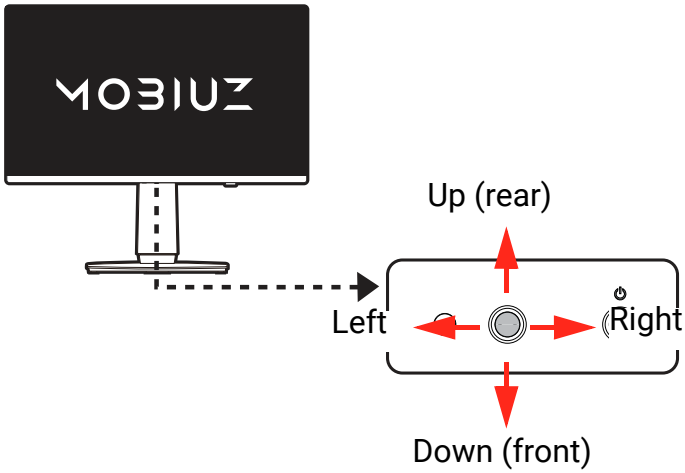


No.	Item	Description
1	**Local Contrast** icon	Lights up when **Local Contrast** is enabled. See Local Contrast on page 50 for more information.
2	System information	Displays current system information, including input source, scenario, audio output, and color mode.
3	Menus and options	Displays menus and options.
4	Operation tips	Displays operations that can be done by 5-way controller or navigation keys on the remote control.

Monitor adjustments

5-way controller and basic menu operations

The 5-way controller is located below the lower part of the front bezel. 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 icon	5-way controller operation	Function
(With an available video input but no menu has been activated)		
N/A	Press center or move to the right / left	Activates the **Quick Menu**.
N/A	Move up / down	Activates the audio menu.
(When the video source selection menu has been activated)		
	Move up / down	Switches to the desired input source.
(When the **Quick Menu** has been activated)		
	Move up / down	Goes to the previous / next menu setting.
	Move to the right / left	• Goes to the next / previous menu item. • (When **Menu** is highlighted) Move to the left to close the **Quick Menu**; move to the right to access the main menu.
	Press center	• Closes the **Quick Menu**. • (When **Menu** is highlighted) Accesses the main menu.
(When the audio menu has been activated)		

OSD icon	5-way controller operation	Function
	Move up / down	Adjusts volume.
	Move to the right / left	Switches between HDMI eARC and 3.5mm headphone jack.
(When the main menu has been activated)		
	Press center	Confirms the selection.
	Move to the right	• Enters sub menus. • Confirms the selection.
	Move up	• Goes to the previous menu item. • For up / increase adjustment.
	Move down	• Goes to the next menu item. • For down / decrease adjustment.
	Move to the left	• Returns to the previous menu. • Exits OSD menu.

Setting up your monitor for different scenarios

Your monitor may be used to connect with multiple devices for various game types and tasks. In such case, different settings may be required to best suit the media content. Save a set of preferred settings as a scenario and apply to a specific input or content.

The scenario changes with the input source by default. When the **Quick Menu** is launched by pressing / / , you can change the scenario for the current input or adjust certain settings from the **Quick Menu**. The scenario mapping is updated accordingly.

Switching a scenario on page 41

Customizing the Quick Menu for a scenario on page 41

• To find out settings that can be saved and applied by scenario, see Adjustable OSD settings on page 42.
• Available video input ports vary by model.

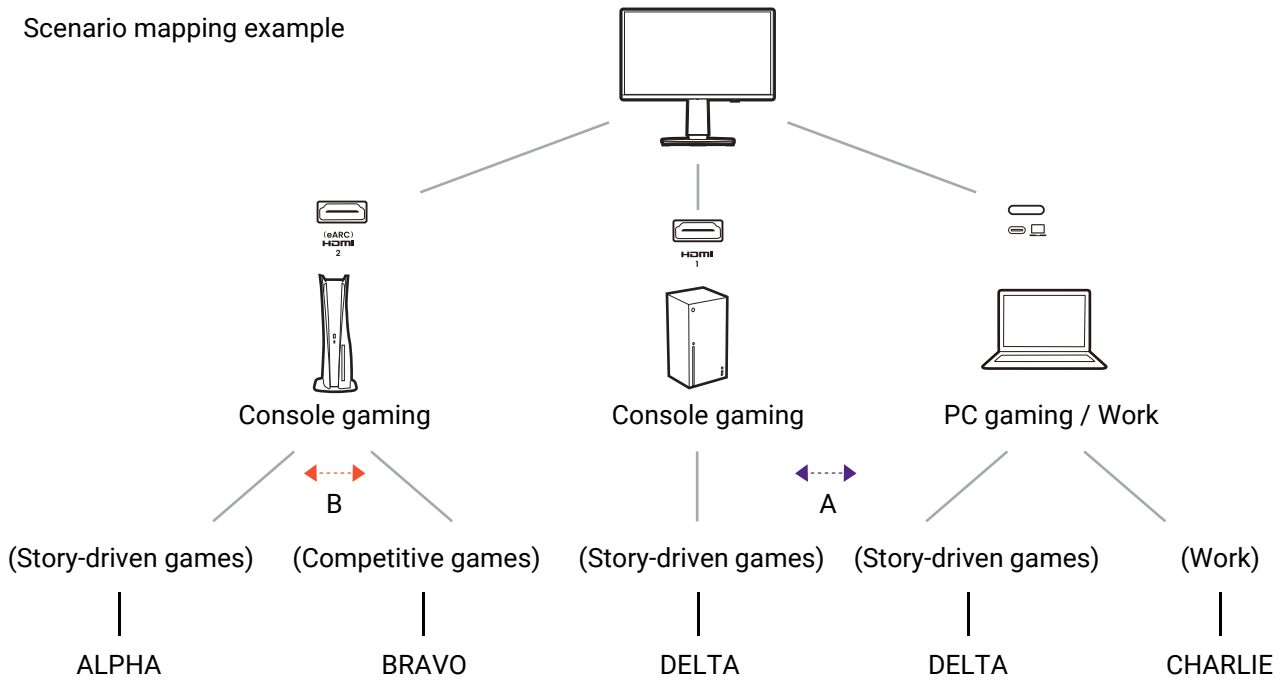
You can save up to 4 scenarios. Feel free to do the following:

A. Keep consistent settings (i.e., same scenario) for the same content across different devices.

Switching the inputs quickly on page 43

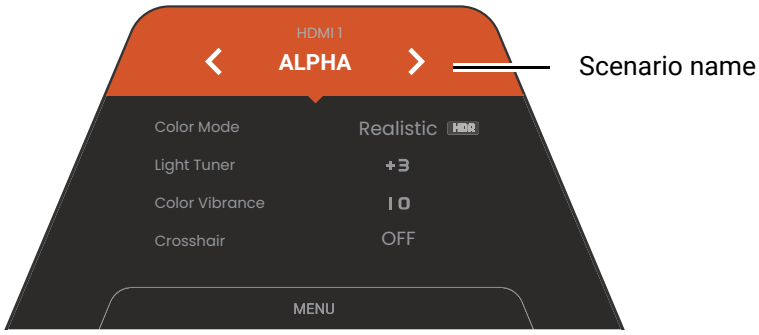
B. Apply different sets of settings (i.e., different scenarios) for various content from the same device.

Switching a scenario on page 41



Switching a scenario

1. Press / / to bring up the **Quick Menu**.
2. When the scenario name is selected, press / to change the scenario for the current input/content. Next time when the same input is selected, the selected scenario will be applied.



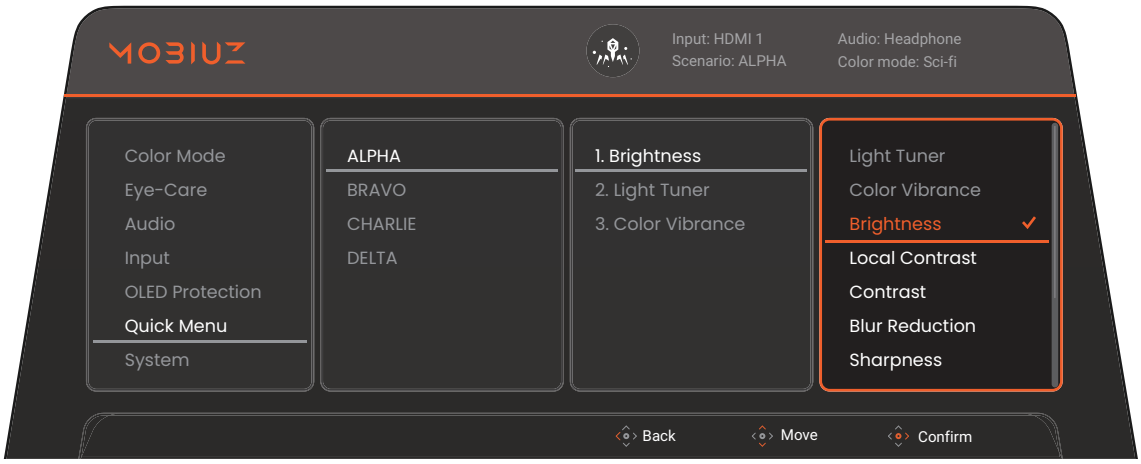
Alternatively, go to **Menu** > **Input** to preset the scenario that changes with each input. The scenario mapping will be updated whenever it is changed from the **Quick Menu** though.

Customizing the **Quick Menu** for a scenario

By default, there are 3 quick settings that could be customized to go with each scenario on the **Quick Menu**. Change the setting items if desired.

1. Press / / to bring up the **Quick Menu**.
2. Go to **Menu** > **Quick Menu**.
3. Select a scenario and press for further selection.
4. Select one available item and press for further selection.

5. Scroll to one item and press / for confirmation. A setting menu is grayed out on the **Quick Menu** if it is not supported by a color mode.



Adjustable OSD settings

While some settings (e.g., OSD language) are changed and take effect immediately regardless of other monitor settings or input, most OSD settings can be adjusted and saved to go with inputs, color modes, or scenarios. As an input, a color mode, or a scenario is selected, the desired settings are applied.

Items	Description
Display Mode	Saved and applied by input switch.
Overscan	
RGB PC Range	
Audio Output	
DSC	
4K Compatible (EX271QZ only)	
Color Mode (All except Gamer 1/2/3)	Saved and applied by scenario switch.
Low Blue Light	
Color Weakness	
Audio mode	
Volume	

Items	Description
Light Tuner	Saved and applied by scenario and color mode switch.
Color Vibrance	
Local Contrast	
Brightness	
Contrast	
Gamma	
Color Temperature	
Blur Reduction	
Sharpness	
Brightness Flow (EX271UZ / EX321UZ only)	
HDR	

Switching the inputs quickly

Press the Input key on the monitor or the ⏎ key on the remote control repeatedly to cycle through available video sources.

Each source is preset for a scenario. The scenario changes with the input source. You can change the setting from the **Quick Menu** or **Menu** > **Input** as desired.

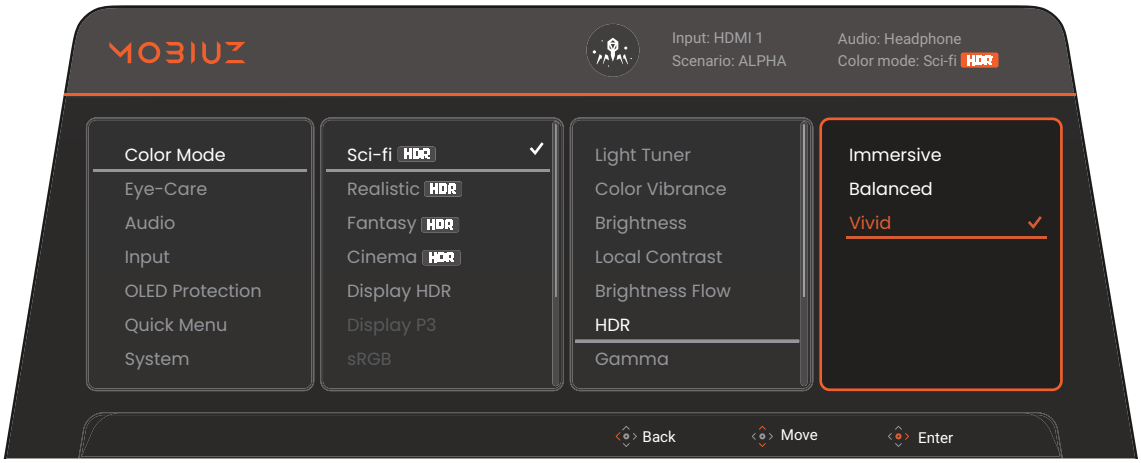
Enabling HDR function

To enable HDR function, make sure the source device, video cable, and media content are HDR-compatible.

When the input content is HDR-compatible, the monitor automatically switches to a color mode with HDR capabilities and an OSD message indicating the mode that the monitor has switched to is displayed on the screen. The HDR function is properly enabled.

If it is the first time playing HDR content, the display will automatically switch to **Fantasy HDR** color mode. Afterwards anytime HDR content is played, the display will automatically switch to the previous HDR color mode that was used.

You can switch color modes as desired. In this case, all the available options under **Color Mode** support HDR content (except **Display P3**, **sRGB**, and **Custom**). Each HDR mode comes with certain default screen settings that are adjustable. Refer to Available menu options to each Color Mode on page 53 for available menu options.



Choosing an audio output

1. Press / to bring up the audio menu.
2. Press / to switch between HDMI eARC and 3.5mm headphone jack.
   Press / to adjust volume.

Choosing a color mode

Your monitor comes with three color modes: **Sci-fi**, **Fantasy**, and **Realistic**, tailored to distinct game art styles to enhance in-game ambiance. See Color Mode on page 48 for all the available options.

1. Press / / to bring up the **Quick Menu**.
2. Go to **Menu** > **Color Mode** for a desired color mode.
3. Under each mode, adjust and save the settings to suit your needs.

Alternatively, press the ( ) on the remote control.

Download **Color Shuttle** from www.BenQ.com to share game mode settings and manage color modes for game titles. See Product support on page 3 for the access to the software.

Checking current refresh rate

Refresh rate is displayed on HUD and FPS counter respectively.

HUD is available only when **Quick Menu** or main menu is displayed by default.

If you prefer to keep updated with the refresh rate, you can choose to show HUD all the time, or change to show FPS counter instead on the upper-right corner of the screen.

1. Press / / to bring up the **Quick Menu**.
2. Go to **Menu** > **System** > **FPS Counter**. See FPS Counter on page 62 for options.

Alternatively, press the key on the remote control to toggle FPS counter, HUD, and off.

Enabling color vision accessibility (**Color Weakness**)

Color Weakness is accessibility that helps people with color vision deficiency to distinguish colors. You are provided with **Red Filter** and **Green Filter** on this monitor. Choose one as needed.

1. Press / / to bring up the **Quick Menu**.
2. Go to **Menu** > **Eye-Care** > **Color Weakness**.
3. Choose either **Red Filter** or **Green Filter**.
4. Adjust the value of the filter. A stronger effect is produced as the value increases.

Initial higher refresh rate for your device

You can set the monitor to a higher refresh rate to enhance your gaming experience.

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.

1. Set the monitor to a higher refresh rate. Go to the display settings of your device and look for refresh rate option. Set it to the featured maximum refresh rate.
2. Go to the setup menu in your game, and change the frame rate or refresh rate.
3. Check if the refresh rate has been changed from your monitor. See Checking current refresh rate on page 45.

- 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 device supports the monitor-featured maximum refresh rate.
  - make sure your game supports the monitor-featured maximum refresh rate.
- Procedures to adjust refresh rate vary by device/game. Refer to the Help document that came with your device and game for details.

Preventing image sticking

To prevent image sticking, the monitor needs to perform panel protection operation after being used for a certain period of time.

You are highly recommended to perform panel protection operations when you are prompted to by OSD messages. A monitor without these operations will void warranty and may not be able to keep excellent image quality.

More functions for panel protection are provided and enabled by default. See OLED Protection menu on page 59 for more information.

Sharing a set of keyboard, mouse, and other USB peripherals with KVM (EX271UZ / EX321UZ only)

You can shift the control devices (i.e., keyboard and mouse) and other USB peripherals among multiple video sources through KVM.

With appropriate connections, the display is switched to the available inputs while the keyboard and mouse control is switched as well.

1. Make the first input via the USB-C™ video port ( ), as this is required for the **KVM** to function automatically. See Connect the video cable. on page 27 for reference.
2. Make the second input via HDMI or DP connection.
   - HDMI and USB-C™ data upstream connections
   - DisplayPort and USB-C™ data upstream connections
3. Connect the control devices and other USB peripherals to the USB ports on the monitor.
4. After two sets of connections are made as instructed, the **KVM** function is enabled automatically. You can switch the display and control by the key on the remote control.

Working with more than one monitor (IR channel switch)

Applicable for BenQ EX series monitors.

If your computer connects with more than one monitor, you can control different monitors quickly with the remote control. You can control up to 3 monitors with the same remote control.

1. Set one monitor to a channel from **System** > **IR Channel**. The default setting is **Channel 1**. To avoid interference, set monitors to different channels.
2. Press on the remote control to switch to different channel (i.e., monitor).

Navigating the main menu

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

Press / / to bring up the **Quick Menu** and select **Menu** to access the main menu. See 5-way controller and basic menu operations on page 39 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.

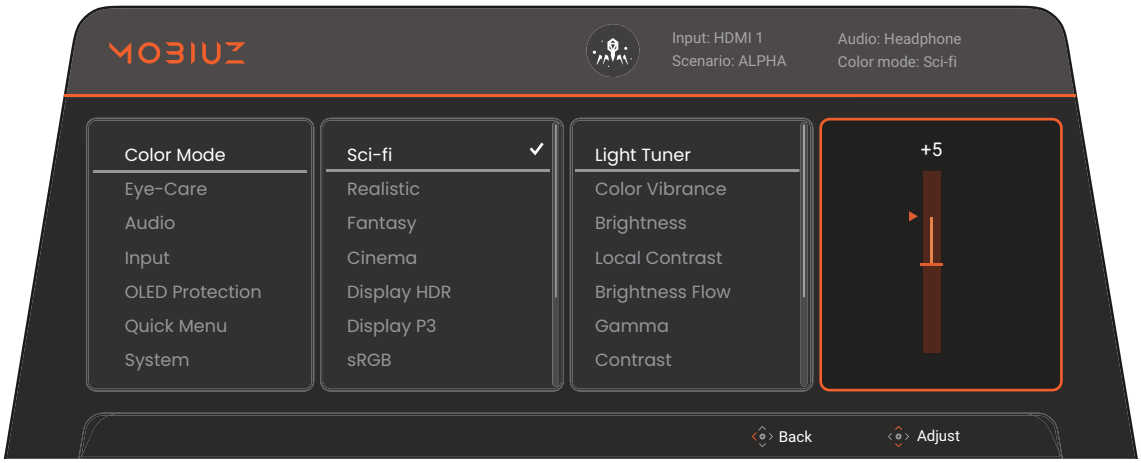
The OSD menu languages may differ from the product supplied to your region, see Language on page 65 under **System** and **OSD Settings** for more details.

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

- Color Mode menu on page 48
- Eye-Care menu on page 55
- Audio menu on page 56
- Input menu on page 57
- OLED Protection menu on page 59
- Quick Menu on page 61
- System menu on page 62

Color 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 icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



1. Press / / to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Color 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
Color Shuttle	Displays the QR code of **Color Shuttle**. Scan for quick access to the software introduction page. The software should be installed on your computer to work with the monitor.	
Color Mode	Select a color mode that best suits the type of images shown on the screen. You can adjust the selected mode as desired. Available menu options may vary depending on the input sources, functions and settings.	

Item	Function		Range
	Sci-fi / **Sci-fi HDR**	Enhances metallic texture, encompassing a futuristic atmosphere.	• Light Tuner • Color Vibrance • Brightness • Local Contrast • Brightness Flow • HDR • Gamma • Contrast • Color Temperature • Blur Reduction • Sharpness • Save As • Reset Color
	Realistic / **Realistic HDR**	Reproduces exceptional lifelike contrast and natural saturation.	
	Fantasy / **Fantasy HDR**	Emphasizes textured leather, solid stone, and flickering fire.	
	Cinema / **Cinema HDR**	For viewing videos.	
	Display HDR	Enables HDR function for content compliant with DisplayHDR™ standards (VESA certified).	
	Display P3	For better color matching representation with Standard Display P3.	
	sRGB	For better color matching representation with sRGB compatible peripherals.	
	Custom	Applies a combination of color settings defined by users.	
	Gamer 1 / **Gamer 1 HDR**	Saves a new set of customized display settings.	
	Gamer 2 / **Gamer 2 HDR**		
	Gamer 3 / **Gamer 3 HDR**		
	Smart Game Art / **Smart Game Art HDR**	The monitor identifies the game screen and provides the most suitable color settings. Please download **Color Shuttle** from BenQ website to enable Smart Game Art function.	• Brightness • Reset Color

Available menu options may vary depending on the input sources, functions and settings. See Available menu options to each Color Mode on page 53 for more information.

Item	Function	Range
Light Tuner (selected modes only)	Brings out the dark shades by increasing the brightness, contrast, and saturation all together.	-10 ~ 10

Item	Function		Range
Color Vibrance (selected modes only)	Provides different sets of color settings. Once applied, you can adjust some of the color settings in the corresponding menus. Press / to adjust the overall color setting and tone. You can also press and use the sliders to fine-tune the saturation of the 6 main colors.		0 ~ 20 **R** (-30 ~ 30) **G** (-30 ~ 30) **B** (-30 ~ 30) **C** (-30 ~ 30) **M** (-30 ~ 30) **Y** (-30 ~ 30)
Brightness	Adjusts the balance between light and dark shades.		0 ~ 100
Local Contrast (selected modes only)	Real-time auto contrast adjustment technology ensured optimal detail presentation across different in-game environmental conditions. You can work with **Light Tuner** to determine the level of contrast.		• **ON** • **OFF**
Brightness Flow (selected models / modes only)	Adjusts the brightness dynamically according to the brightness level of each pixel within each scene. This allows the display to deliver smoother and more refined brightness transitions as scenes shift, maintaining consistency and visual stability.		
	0	Delivers more noticeable brightness changes.	
	1	Provides a balanced level of brightness adjustment for smoother transitions.	
	2	Provides the smoothest and most stable brightness transitions for consistent visual comfort.	

Item	Function		Range
HDR (selected modes only)	Allows you to switch between different HDR modes to suit the content being played.		
	Immersive	Prioritizes atmosphere and cinematic depth to create a more immersive HDR gaming experience. This is the default HDR setting for the **Fantasy HDR** color mode.	
	Balanced	Balances brightness, contrast, and color for a natural HDR presentation across different game styles. This is the default HDR setting for the **Realistic HDR** color mode.	
	Vivid	Prioritizes brilliant highlights for a more dynamic HDR gaming experience. This is the default HDR setting for the **Sci-fi HDR** color mode.	
Gamma (selected modes only)	Adjusts the tone luminance.		1 ~ 5
Contrast	Adjusts the degree of difference between darkness and lightness.		0 ~ 100

Item	Function		Range
Color Temperature (selected modes only)	**Normal**	Allows video and still photographs to be viewed with natural coloring. This is the factory default color.	
	Bluish	Applies a cool tint to the image and is factory pre-set to the PC industry standard white color.	
	Reddish	Applies a warm tint to the image and is factory pre-set to the news print standard white color.	
	User Define	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 **R** (red), **G** (green), and **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.)	• **R** (0 ~ 100) • **G** (0 ~ 100) • **B** (0 ~ 100)
Blur Reduction (Motion Blur Reduction) (selected modes only)	Reduces motion blur in games or during video playback. Note the impacts of the Blur Reduction function once activated. - Brightness is decreased. - Flicker-free is disabled. - Available only when the refresh rate is above 240 Hz.		• **ON** • **OFF**
Sharpness	Adjusts the clarity and visibility of the edges of the subjects in the image.		0 ~ 10
Save As (selected modes only)	Saves a new set of customized display settings.		• **Gamer 1** • **Gamer 2** • **Gamer 3**
Reset Color	Resets the custom color settings to the factory defaults.		• **YES** • **NO**

Available menu options to each **Color Mode**

Depending on the **Color Mode** you just set, the available options for color adjustment may vary. The list is for reference only as available options also vary by input. Menu options that are not available will become grayed out.

For SDR content

Options	Sci-fi	Realistic	Fantasy	Cinema	Display P3	sRGB	Custom	Gamer 1 / Gamer 2 / Gamer 3	Smart Game Art
Light Tuner	V	V	V	V	X	X	V	V	X
Color Vibrance	V	V	V	V	X	X	V	V	X
Local Contrast	V	V	V	V	X	X	V	V	X
Brightness	V	V	V	V	V	V	V	V	V
Contrast	V	V	V	V	V	V	V	V	X
Sharpness	V	V	V	V	V	V	V	V	X
Gamma	V	V	V	V	X	X	V	V	X
Color Temperature	V(1)	V(1)	V(1)	X	X	X	V	V	X
Brightness Flow (EX321UZ only)	V	V	V	V	V	V	V	V	X
Blur Reduction	V	V	V	X	X	X	V	V	X
Low Blue Light	V	V	V	V	X	X	V	V	X
Color Weakness	V	V	V	V	X	X	V	V	X

For HDR content

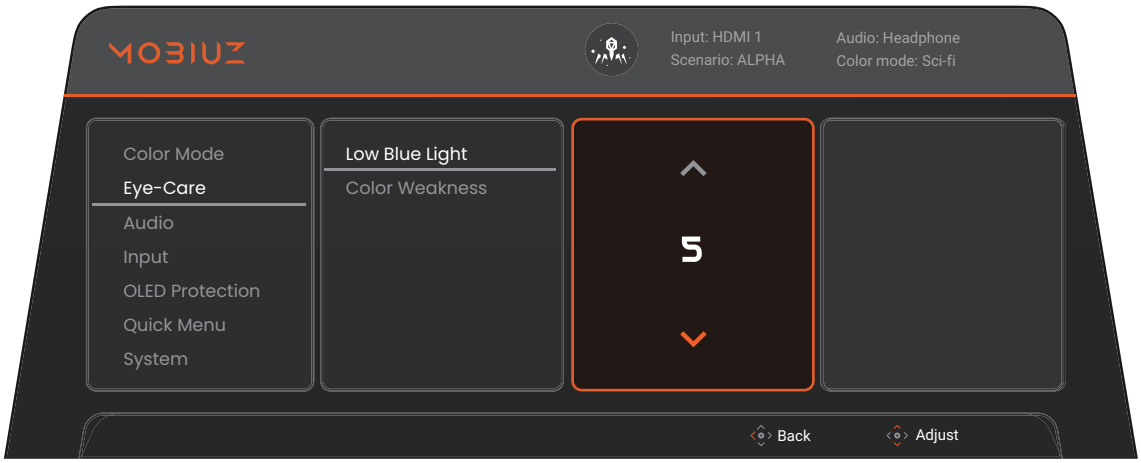
Options	Sci-fi HDR	Realistic HDR	Fantasy HDR	Cinema HDR	Display HDR	Gamer 1 HDR / Gamer 2 HDR / Gamer 3 HDR	Smart Game Art HDR
Light Tuner	X	X	X	V	X	X	X
Color Vibrance	V	V	V	V	X	V	X
Local Contrast	V	V	V	V	X	V	X
Brightness	V	V	V	V	V	V	V
Contrast	V	V	V	V	V (for EX271QZ) / X (for EX321UZ and EX271UZ)	V	X
Sharpness	V	V	V	V	V	V	X
Gamma	X	X	X	X	X	X	X
Color Temperature	V(1)	V(1)	V(1)	X	X	V	X
Brightness Flow (EX321UZ only)	V	V	V	V	V	V	X
Blur Reduction	V	V	V	X	X	V	X
Low Blue Light	V	V	V	V	X	V	X
Color Weakness	V	V	V	V	X	V	X

Options	Sci-fi HDR	Realistic HDR	Fantasy HDR	Cinema HDR	Display HDR	Gamer 1 HDR / Gamer 2 HDR / Gamer 3 HDR	Smart Game Art HDR
HDR	V	V	V	X	X	V	X

- V: Available.
- X: Not available.
- (1): Available only when **Color Temperature** is set to **User Define**.

Eye-Care 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 icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.

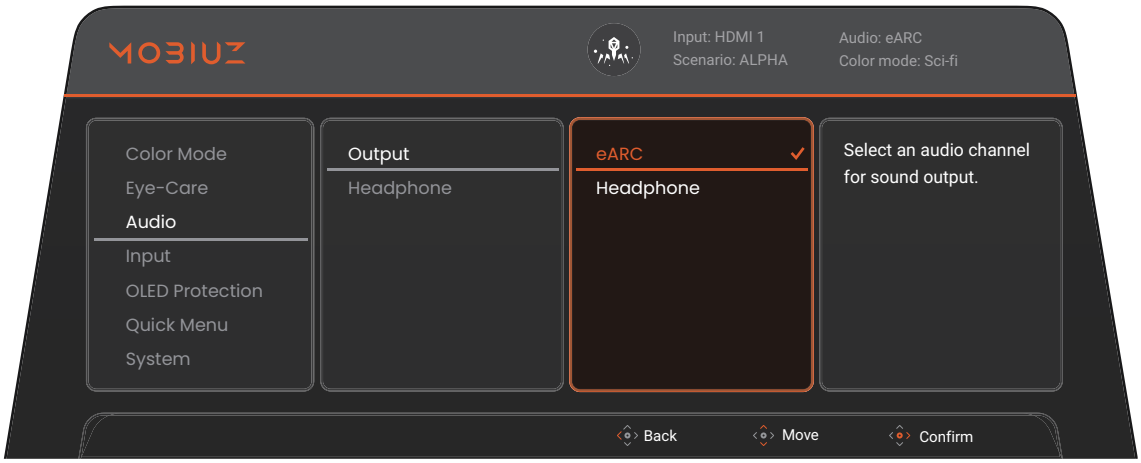


1. Press / / to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Eye-Care**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit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

Item	Function		Range
Low Blue Light	Decreases the blue light emitted from the display to reduce the risk of blue light exposure to your eyes. The higher the value is, the more blue light has been decreased.		0 ~ 5
Color Weakness	Adjusts color matching representation for people with color vision deficiency to distinguish colors easily.		
	Red Filter	Decides the effect produced by the red filter. A stronger effect is produced as the value increases.	0 ~ 20
	Green Filter	Decides the effect produced by the green filter. A stronger effect is produced as the value increases.	0 ~ 20

Audio 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 icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.

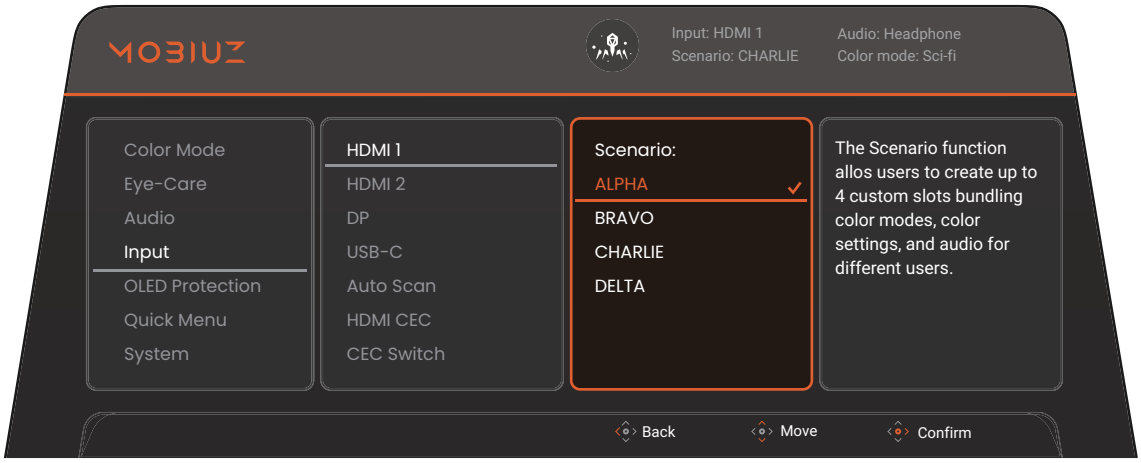


1. Press / / to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Audio**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit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

Item	Function		Range
Output	Selects a device for audio output.		
	eARC	Outputs audio from the device connected to HDMI eARC of your monitor.	
	Headphone	Outputs audio from the device connected to 3.5mm headphone jack of your monitor.	
Headphone	Adjusts the settings of the connected headphone.		
	Volume	Adjusts the audio volume.	0 ~ 50
	Mute	Mutes the audio input.	• **ON** • **OFF**

Input 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 icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



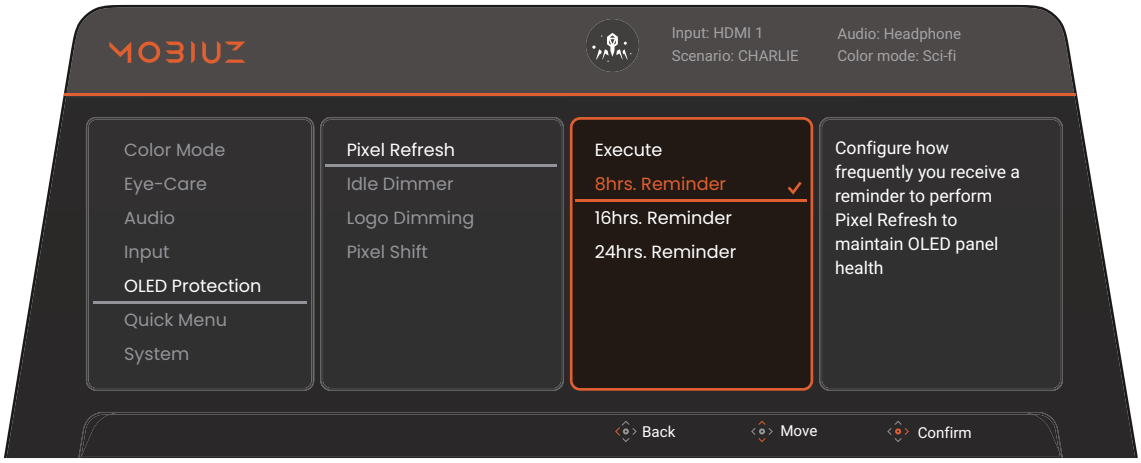
1. Press / / to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Input**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To exit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

Item	Function	Range
HDMI1 **HDMI2** **DP** **USB-C** (EX271UZ / EX321UZ only)	Use this to change the input to that appropriate to your video cable connection type. A scenario could be designated for an input. See Setting up your monitor for different scenarios on page 40 for more information.	• **ALPHA** • **BRAVO** • **CHARLIE** • **DELTA** (EX271UZ / EX321UZ only)
Auto Scan	When this function is activated, all ports will be in the input auto select loop.	• **ON** • **OFF**

Item	Function		Range
HDMI CEC	Once enabled, it allows you to control your monitor and HDMI CEC (Consumer Electronics Control)-compatible devices via HDMI connection. Available controls vary by device. Currently tested compatible devices are as follows: • PS5, PS4 • Xbox One, Xbox Series X/S • Switch		• **ON** • **OFF**
CEC Switch	Decides whether to switch to a new input from a CEC-compatible device if detected.		
	Full Auto	Switches to the new input automatically.	
	Semi Auto	Pops up a message and switches to the new input once confirmed.	
	OFF	The auto switch function turned off. You have to manually switch to the input from a CEC-compatible device.	

OLED Protection 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 icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



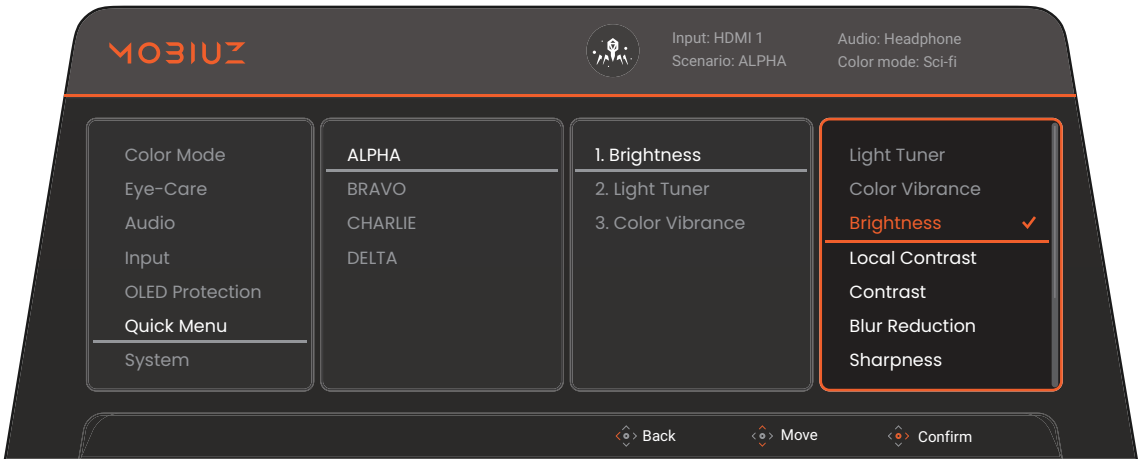
1. Press / / to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **OLED Protection**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .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

Item	Function	Range
Pixel Refresh	Determines how frequently you are reminded to perform **Pixel Refresh**. **Pixel Refresh** must be performed when the screen is used up to 24 hours. This helps remove image sticking to protect the panel. It takes about 6 minutes and the power LED indicator flashes amber during the operation. The monitor will be unavailable until the operation is done. You are recommended to keep the default setting and perform the operation when you are prompted to. The monitor runs this function automatically when it is turned off. It is normal that no reminder appears when you use the monitor.	• **Execute** • **8hrs. Reminder** • **16hrs. Reminder** • **24hrs. Reminder**
Idle Dimmer	Dims the screen areas that are not in use.	• **ON** • **OFF**

Item	Function	Range
Logo Dimming	Reduces the backlight of the logos or images that usually remain in the same screen area for a long time.	• **ON** • **OFF**
Pixel Shift	Moves the image slightly to prevent image sticking. You can change the speed of the pixel shift. For stronger protection, set it to **Fast**.	• **Fast** • **Medium** • **Slow**

Quick 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 icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.

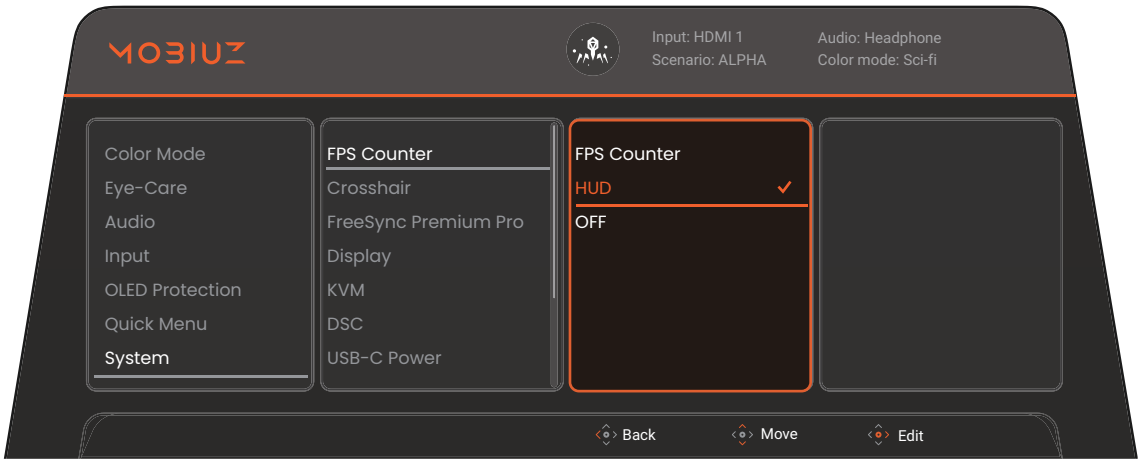


1. Press / / to bring up the **Quick Menu**.
2. Select **Menu** from the **Quick Menu**.
3. Use or to select **Quick Menu**.
4. Select to go to a sub menu, and then use or to select a menu item.
5. Use or to make adjustments, or use to make selection.
6. To return to the previous menu, select .
7. To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

Item	Function	Range
ALPHA **BRAVO** **CHARLIE** **DELTA**	Sets 3 settings that could be frequently adjusted from the **Quick Menu** for each scenario. See Quick Menu on page 37 and Customizing the Quick Menu for a scenario on page 41 for more information. Available options vary by model.	• Light Tuner • Color Vibrance • Brightness • Local Contrast • Contrast • Blur Reduction • Sharpness • Low Blue Light • Crosshair

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 icons will disappear. For models without certain functions, their settings and related items will not appear on the menu.



1. Press / / 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
FPS Counter	Determines how to show refresh rate. See Checking current refresh rate on page 45 for more information.		
	FPS Counter	Shows real-time refresh rate on the upper-right corner of the screen	
	HUD	Shows HUD all the time.	
	OFF	Shows HUD only when **Quick Menu** or main menu is displayed.	
Crosshair	Sets to display a crosshair on the screen for aiming at targets.		• **OFF** • ● • ✛

Item	Function			Range
FreeSync Premium Pro	Switches **FreeSync Premium** / **FreeSync Premium Pro** on or off. Monitors featuring with the FreeSync will eliminate screen tearing, stuttering, and juddering during gaming. If this function is enabled, the FreeSync and HDR functions are activated, with the support of your monitor, the graphic card, and the input of HDR content. Available FreeSync function varies by content. For any questions related to FreeSync™ performance please refer to www.AMD.com.			• **ON** • **OFF**
Display	**Display Mode**	This feature is provided to allow aspect ratios other than 16:9 to be displayed without geometric distortion.		
		Full	Scales the input image to fill the screen. Ideal for 16:9 aspect images.	
		Aspect	The input image is displayed without geometric distortion filling as much of the display as possible.	
		1:1	Displays the input image in its native resolution without scaling.	
		27" (EX271UZ / EX321UZ only)	Displays the input image as if on a 27" monitor.	
		24"	Displays the input image as if on a 24" monitor.	
	Overscan	Slightly enlarges the input image. Use this feature to hide annoying edge noise if present around your image. Available only when the input is a video timing from HDMI.		• **ON** • **OFF**
	RGB PC Range	Determines the range of color scales. Select an option that matches the RGB range setting on the connected device.		• **Auto Detect** • **RGB (0~255)** • **RGB (16~235)**

Item	Function		Range
4K Compatible (EX271QZ only)	Enable this function to show HDR content from Xbox.		• **ON** • **OFF**
KVM (EX271UZ / EX321UZ only)	Switches the keyboard and mouse control over different inputs. See Sharing a set of keyboard, mouse, and other USB peripherals with KVM (EX271UZ / EX321UZ only) on page 46 to make source connections properly.		
	Auto	Switches the keyboard and mouse control over an available input.	
	Upstream	Switches the keyboard and mouse control over the input source / display connected to USB upstream port.	
	USB-C	Switches the keyboard and mouse control over the input source / display connected to USB-C™ video port.	
DSC	Supports Display Streaming Compression (DSC) technology to display video source from DP or USB-C™.		• **ON** • **OFF**
USB-C Power (EX271UZ / EX321UZ only)	Sets the power delivery of the USB-C™ video port ( ).		
	USB-C Awake	If this function is disabled, the USB-C™ port/USB hub is not supplied with power while the monitor is in standby mode. To keep supplying power to the USB-C™ port/USB hub in monitor's standby mode, change the setting to **ON**.	• **ON** • **OFF**
	Power	Determines the power delivered from the USB-C™ video port ( ).	• **OFF** • **15W** • **65W** • **90W**

Item	Function		Range
USB-C Configuration (EX271UZ / EX321UZ only)	Sets the refresh rate of the input video via USB-C™ video port. The USB transmission speed changes accordingly due to USB-C™ technology limitation.		
	USB 2.0	Refresh rate: 3840 x 2160 @ 240Hz USB transmission speed: 480 Mbps	
	USB 3.1 Gen1	Refresh rate: 3840 x 2160 @ 30Hz (based on video source) USB transmission speed: 5 Gbps	
IR Channel	Sets the monitor to map with the remote control for easy OSD control. See Working with more than one monitor (IR channel switch) on page 46 for more information.		• **Channel 1** • **Channel 2** • **Channel 3**
OSD Settings	**Language**	Sets the OSD menu language. The language options displayed on your OSD may differ from those shown on the right, depending on the product supplied in your region.	• **English** • **Français** • **Deutsch** • **Italiano** • **Español** • **Polski** • **Česky** • **Magyar** • **Română** • **Nederlands** • **Русский** • **Svenska** • **Português** • العربية • **日本語** • **한국어** • 繁體中文 • **简体中文** • **Українська** • **Български** • **Ελληνικά**

Item	Function		Range
	Display Time	Adjusts the display time of the OSD menu.	• **3 sec.** • **5 sec.** • **10 sec.** • **15 sec.** • **20 sec.**
	OSD Lock	Prevents all the monitor settings from being accidentally changed. When this function is activated, the OSD controls and hotkey operations will be disabled. To unlock the OSD controls, press and hold any key for 10 seconds.	
Deep Sleep	Sets to enable/disable deep sleep (power-saving) mode by powering off the monitor. If enabled, the monitor enters deep sleep mode by pressing the power button and consumes less power. If disabled, the monitor turns the backlight off without entering deep sleep mode by pressing the power button.		• **ON** • **OFF**
Auto Power Off	Sets the time to power off the monitor automatically in power saving mode.		• **OFF** • **10 min.** • **20 min.** • **30 min.**
LED Indicator	Switches the power key's LED indicator on or off.		• **ON** • **OFF**
Information	Displays the product information.		• **Input** • **Current Resolution** • **Optimum Resolution** • **HDR** • **Model Name** • **Firmware Version**

Item	Function	Range
Reset All	Resets all mode, color and geometry settings to the factory default values. You are prompted to set scenarios for available inputs after system reset. See Setting up your monitor for different scenarios on page 40 for more information.	• **YES** • **NO**

Troubleshooting

Frequently asked questions (FAQ)

Imaging

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 OLED screen.
- Cycle power on-off.
- These are pixels that are permanently on or off and is a natural defect that occurs in OLED technology.

The image has a faulty coloration.

It has a yellow, blue or pink appearance.

Go to the selected color mode from **Color Mode**. Select **Reset Color**, and then choose **YES** to reset the color settings to the factory defaults.

If the image is still not correct and the OSD 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 distorted, flashes or flickers.

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.

You are running the monitor at its native resolution, but the image is still distorted.

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 63 for details.

The image is displaced in one direction.

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.

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.

LED indicators

The power 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 modes. 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 controls

The OSD controls are inaccessible.

To unlock the OSD controls when it is preset to be locked, press and hold any key for 10 seconds.

OSD messages

A message **Out of Range** on the screen during computer boot up process.

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 audio output.

- Check whether the device is properly connected.
- Check if the correct output is selected. See Choosing an audio output on page 44.
- Make sure the audio device is powered on.
- Increase the volume (volume may be muted or too low) on the audio device.

Remote control

The monitor does not respond to the remote control.

- Check if the remote control and the monitor are within the effective range and there are no obstacles between them. See The remote control and its effective range on page 34 for more information.
- The remote control's batteries are running low. Replace the batteries with new ones. See Installing the remote control's batteries on page 25 for more information.
- Check if the OSD controls are locked. To unlock the OSD controls, press and hold any key on the monitor for 10 seconds.

Need more help?

If your problems remain after checking this manual, please contact your place of purchase or visit the local website from Support.BenQ.com for more support and local customer service.