



LCD Monitor User Manual

Business Monitor | BL Series

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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.)

BenQ ecoFACTS

BenQ has been dedicated to the design and development of greener product as part of its aspiration to realize the ideal of the "Bringing Enjoyment 'N Quality to Life" corporate vision with the ultimate goal to achieve a low-carbon society. Besides meeting international regulatory requirement and standards pertaining to environmental management, BenQ has spared no efforts in pushing our initiatives further to incorporate life cycle design in the aspects of material selection, manufacturing, packaging, transportation, using and disposal of the products. BenQ ecoFACTS label lists key eco-friendly design highlights of each product, hoping to ensure that consumers make informed green choices at purchase. Check out BenQ's CSR Website at <http://csr.BenQ.com/> for more details on BenQ's environmental commitments and achievements.



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.

EPREL Registration Number:

BL2283: 341582

BL2381T: 342388

BL2480: 342390

BL2480L: 1089573

BL2480T: 342399

BL2480TL: 1089575

BL2483TM: 342267

BL2483: 342278

BL2581T: 343918

BL2780: 342402

BL2780T: 342403

BL2783: 343937

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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, 0.75mm² 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, 0.75mm² 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, 0.75mm² 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 monitor should be 50 ~ 70 cm (20 ~ 28 inches) away from your eyes.
- 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 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 power rating, manufacture date, and identification markings.

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.
- Contact your place of purchase or visit the local website from Support.BenQ.com for more 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.**

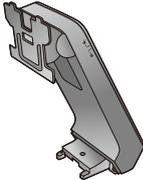
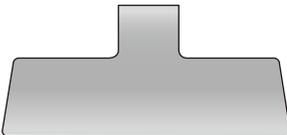
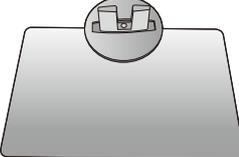
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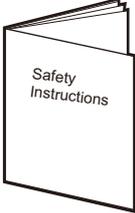
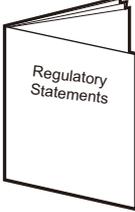
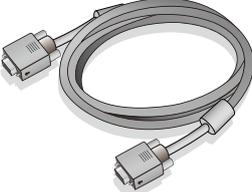
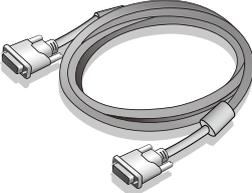
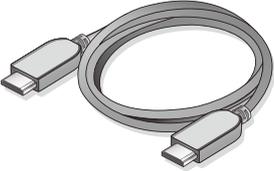
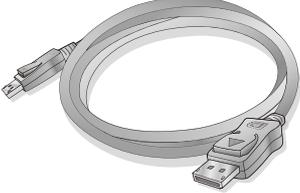
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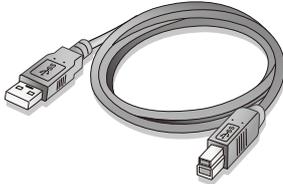
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Getting started

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

<p>BenQ LCD Monitor</p> <p>(Models with Bright Intelligence function)</p>  <p>(Models without Bright Intelligence function)</p> 		<p>(Models with standard bezel)</p>  <p>(Models with height adjustment stand)</p> 	
<p>Monitor Stand (for models without height adjustment stand)</p>			
<p>Monitor Base (for models without height adjustment stand)</p>			
<p>Monitor Base (for models with height adjustment stand)</p>			

Quick Start Guide	
Safety Instructions	
Regulatory Statements	
Power Cord (Supplied item may differ by model or region.)	
Video Cable: D-Sub (Optional accessory)	
Video Cable: DVI-D (Optional accessory)	
Video Cable: HDMI (Optional accessory)	
Video Cable: DP (Optional accessory)	

Audio Cable (Optional accessory)	
USB Cable (Optional accessory)	



• 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.

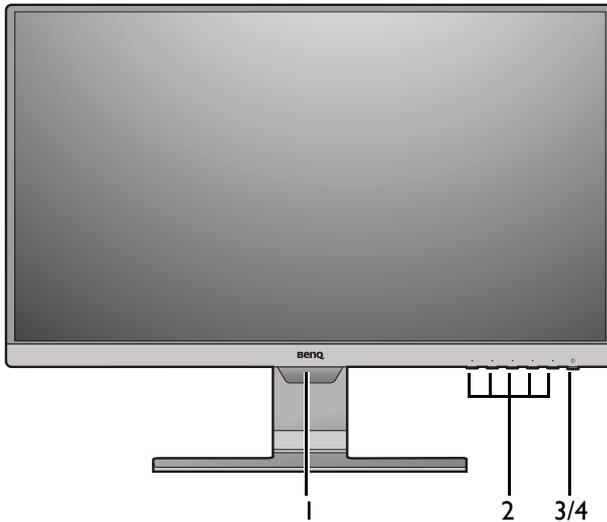


Always keep the product and accessories out of reach of small children.

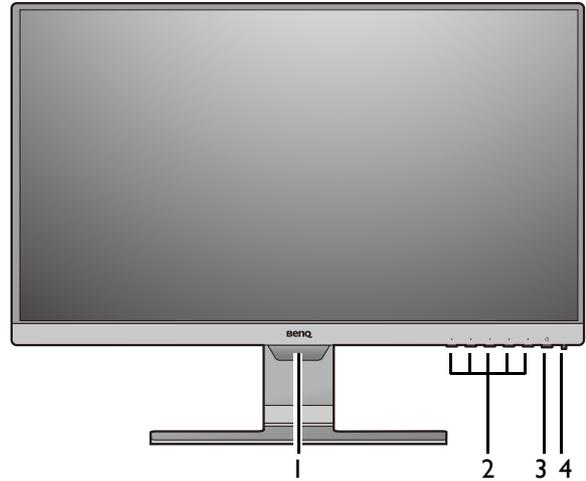
Getting to know your monitor

Front view

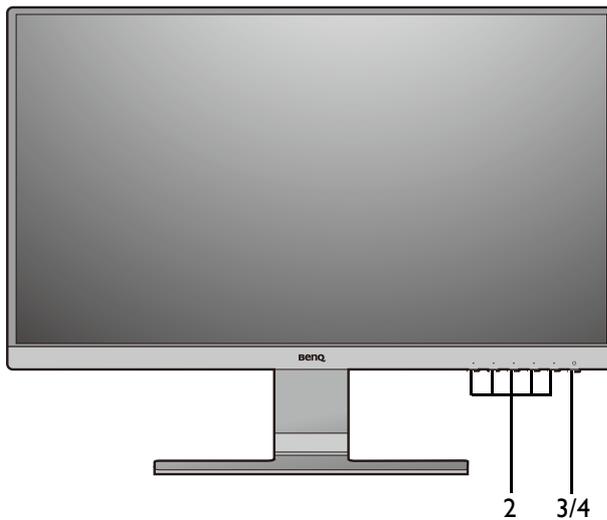
(Models with Bright Intelligence function)



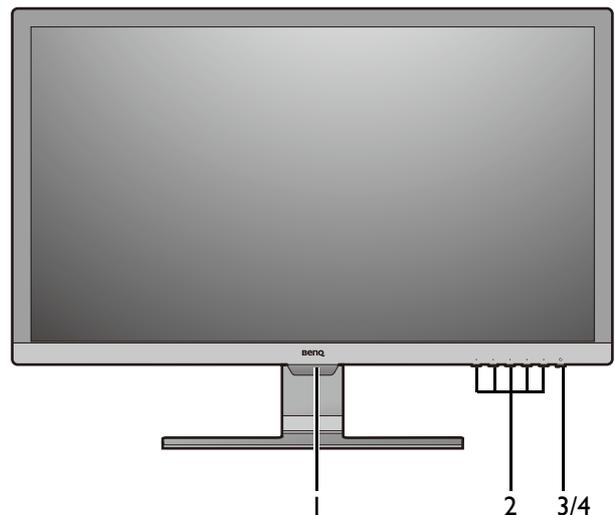
(BL2381T)



(Models without Bright Intelligence function)



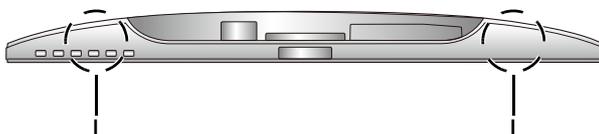
(Models with standard bezel)



1. Light sensor (available for models with Bright Intelligence)
2. Control buttons
3. Power button
4. Power LED indicator

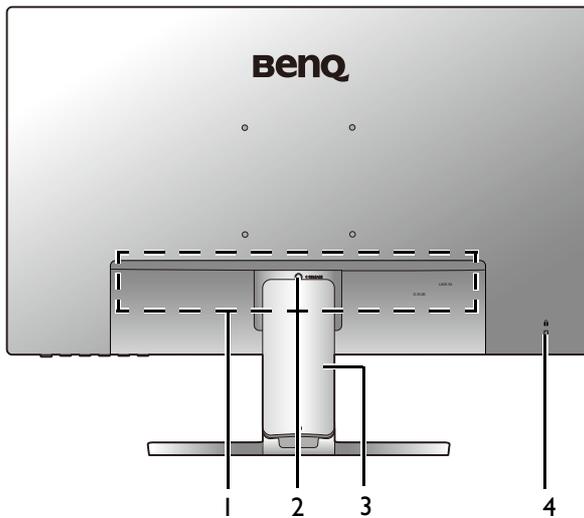
Bottom view

BL2381T / BL2581T / BL2483TM



1. Speakers

Back view



1. Input and output ports (vary by model, see [Input and output ports on page 16](#))
2. Stand release
3. Cable cover
4. Kensington lock slot

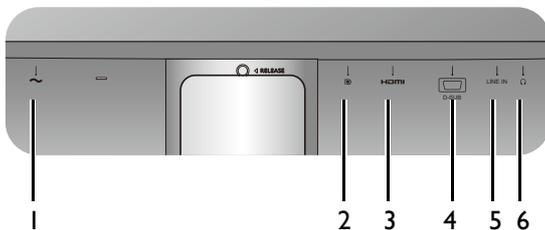


- Above diagram may vary depending on the model.
- Picture may differ from product supplied for your region.

Input and output ports

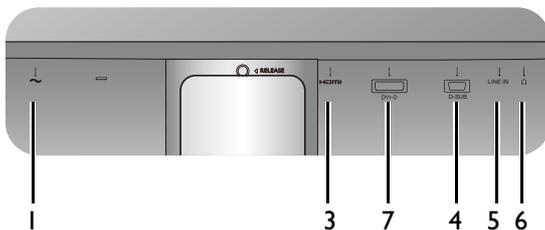
Available input and output ports may vary depending on your purchased model. Check the product specifications on the website for details.

BL2480 / BL2480L / BL2480T / BL2480TL / BL2780 / BL2780T



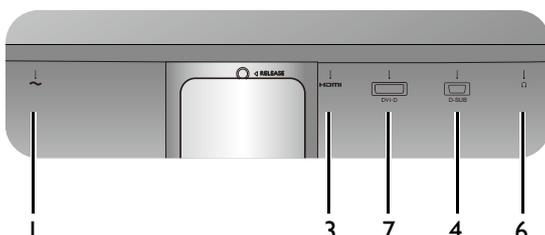
1. AC power input jack
2. DisplayPort socket
3. HDMI socket
4. D-Sub socket
5. Audio Line In
6. Headphone jack

Models with DVI inputs and speakers

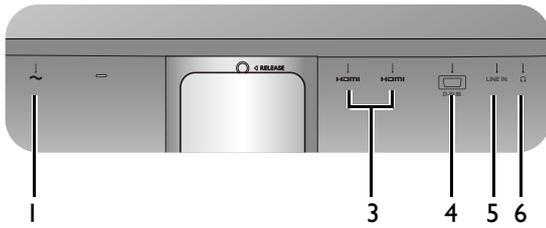


5. Audio Line In
6. Headphone jack
7. DVI-D socket

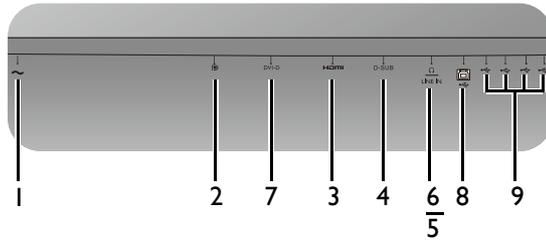
BL2483 / BL2483T



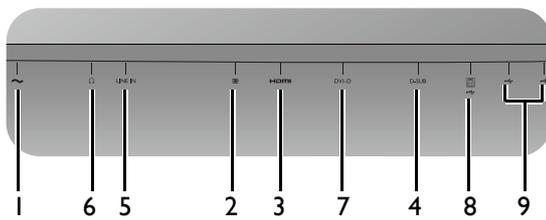
BL2283



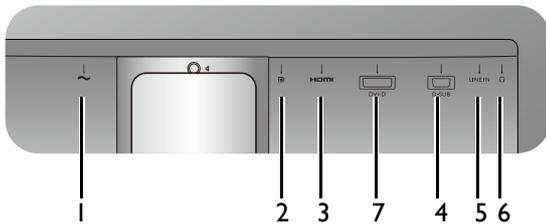
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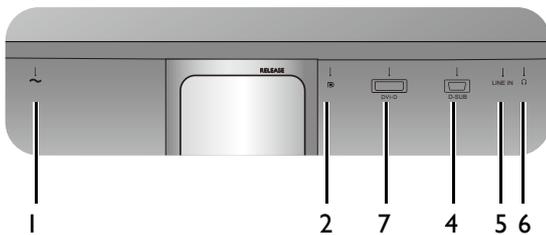
BL2581T



BL2783



BL2483TM



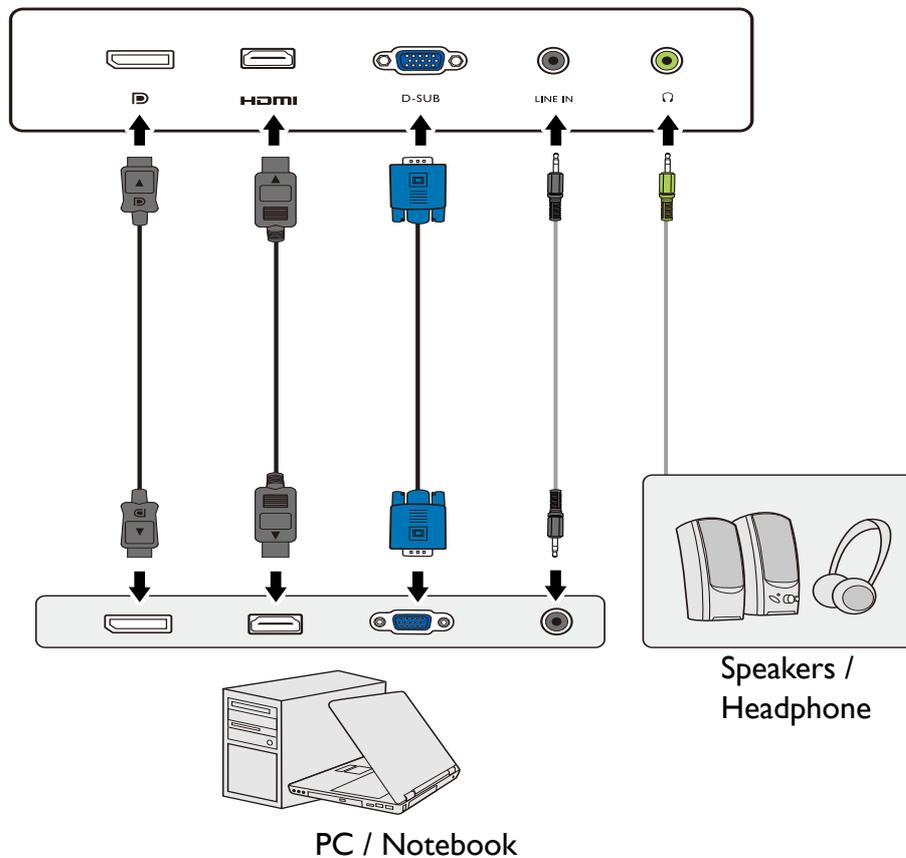
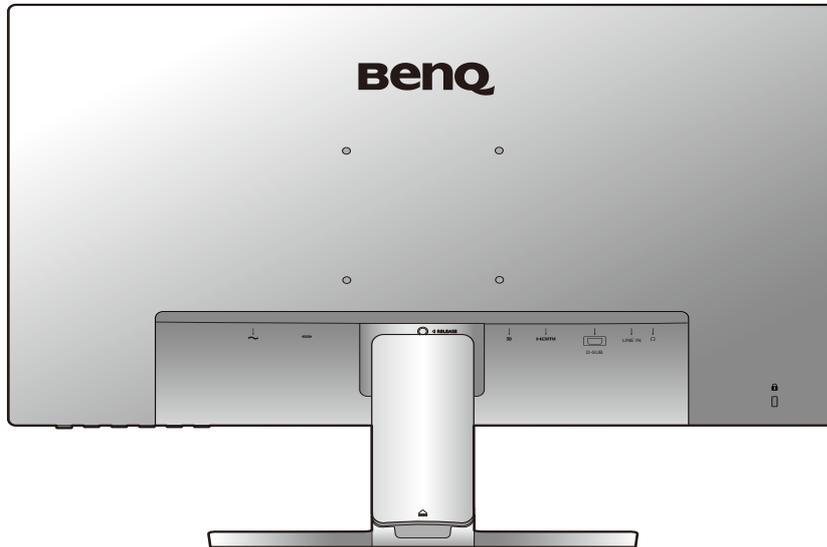
1. AC power input jack
2. DisplayPort socket
3. HDMI socket
4. D-Sub socket
5. Audio Line In
6. Headphone jack
7. DVI-D socket
8. USB 3.0 port (upstream; connecting to the PC)
9. USB 3.0 ports (downstream; connecting to USB devices)

Connections

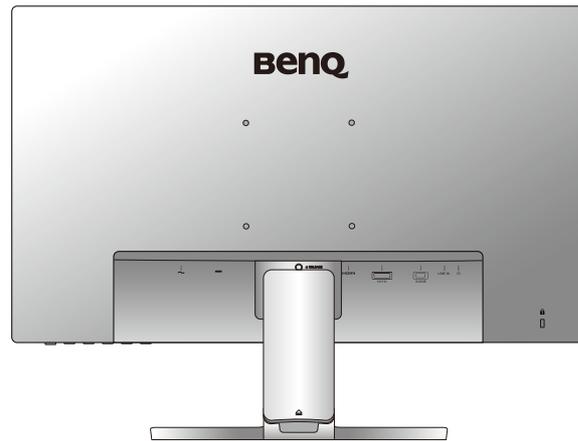
The following connection illustrations are for your reference only. For cables that are not supplied with your product, you can purchase them separately.

For detailed connection methods, see page [27 - 28](#).

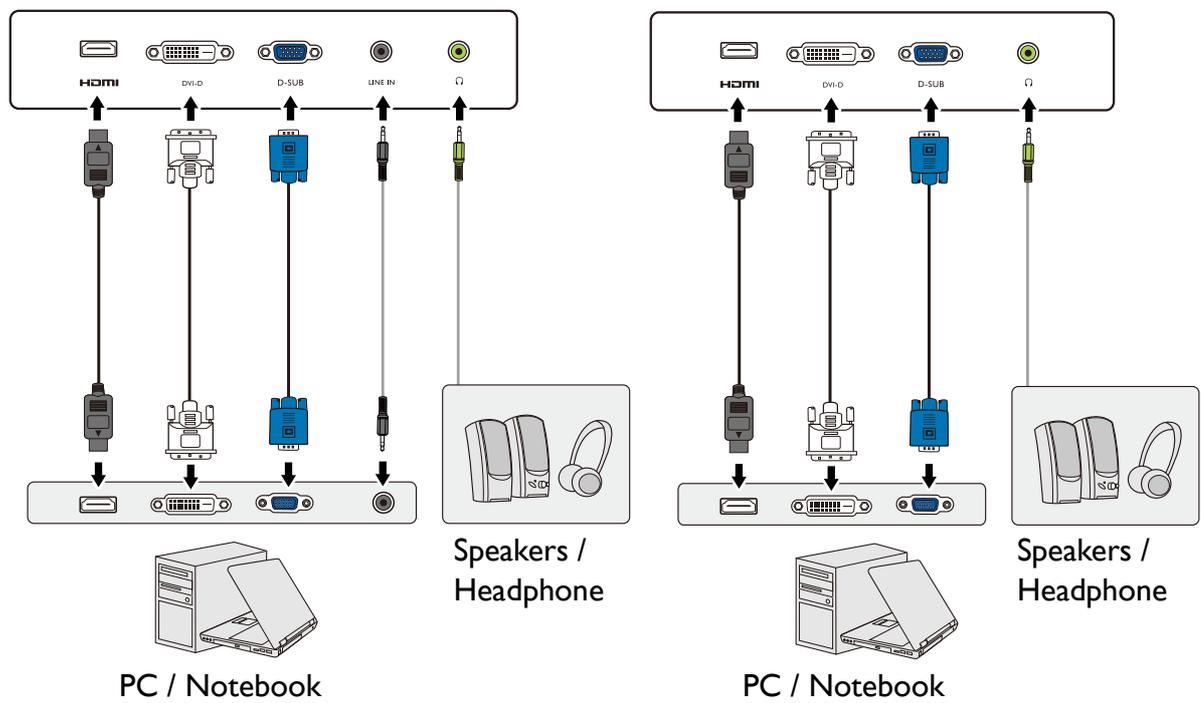
BL2480 / BL2480L / BL2480T / BL2480TL / BL2780 / BL2780T

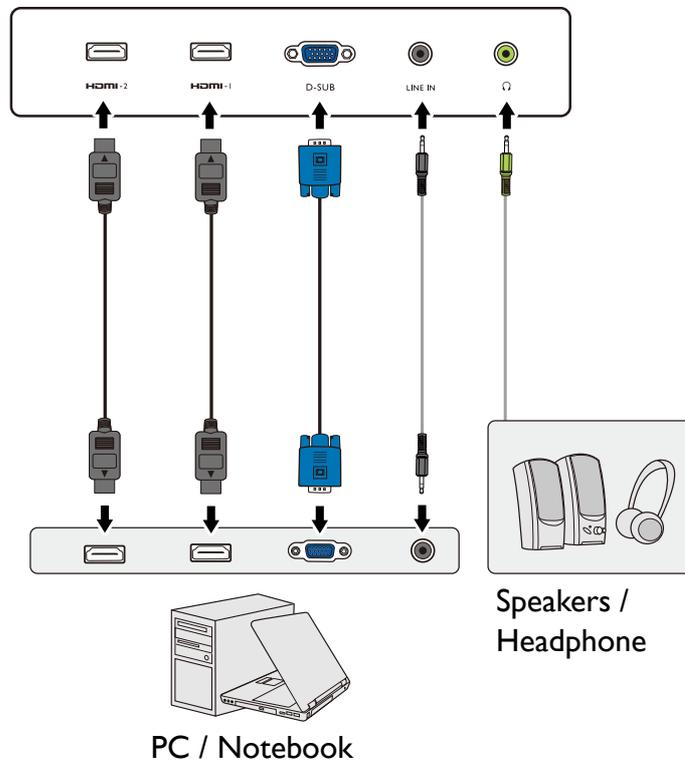
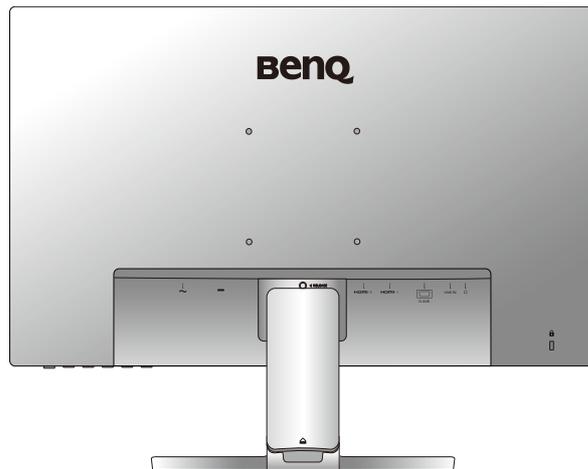


Models with DVI inputs

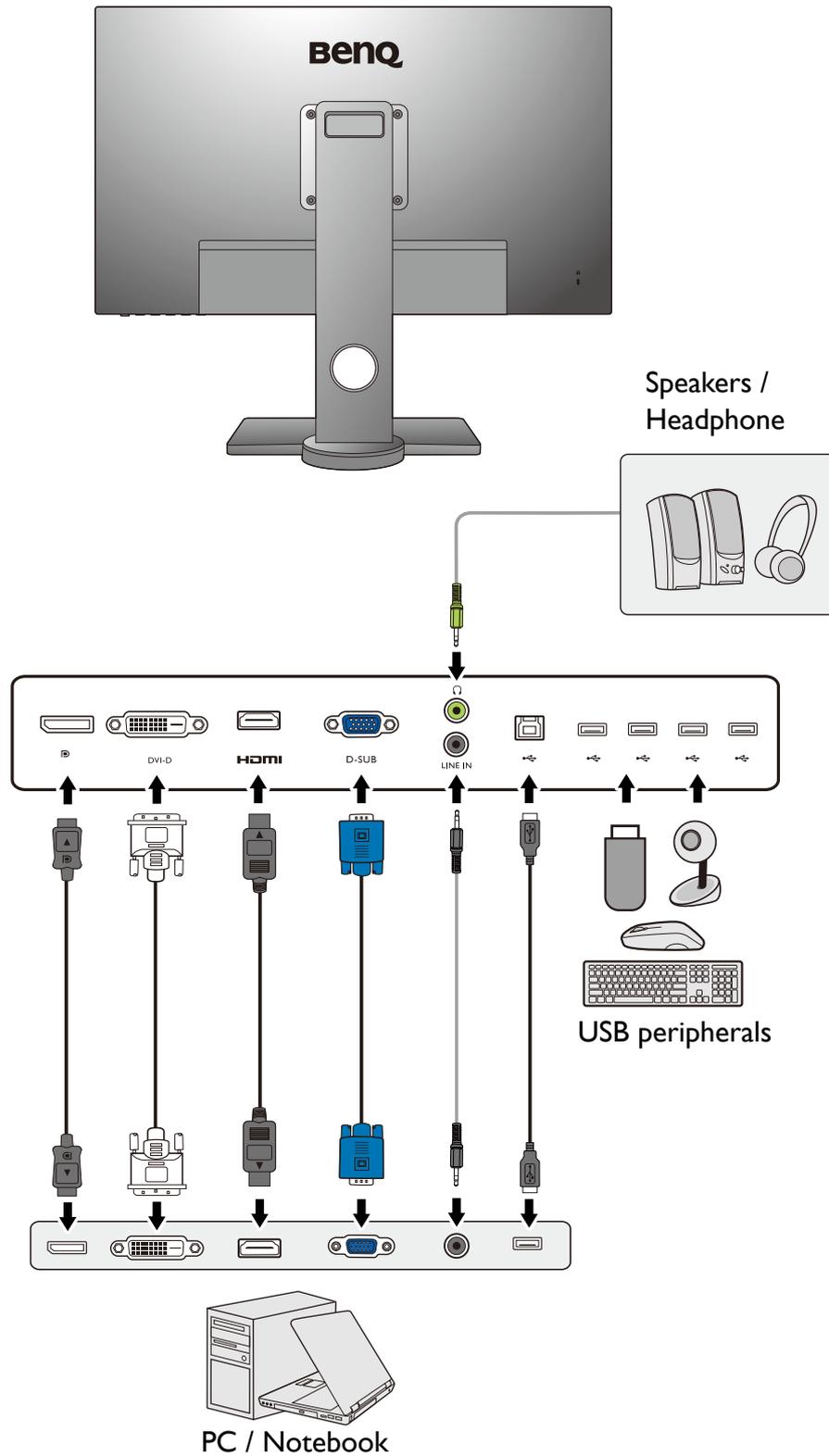


BL2483 / BL2483T

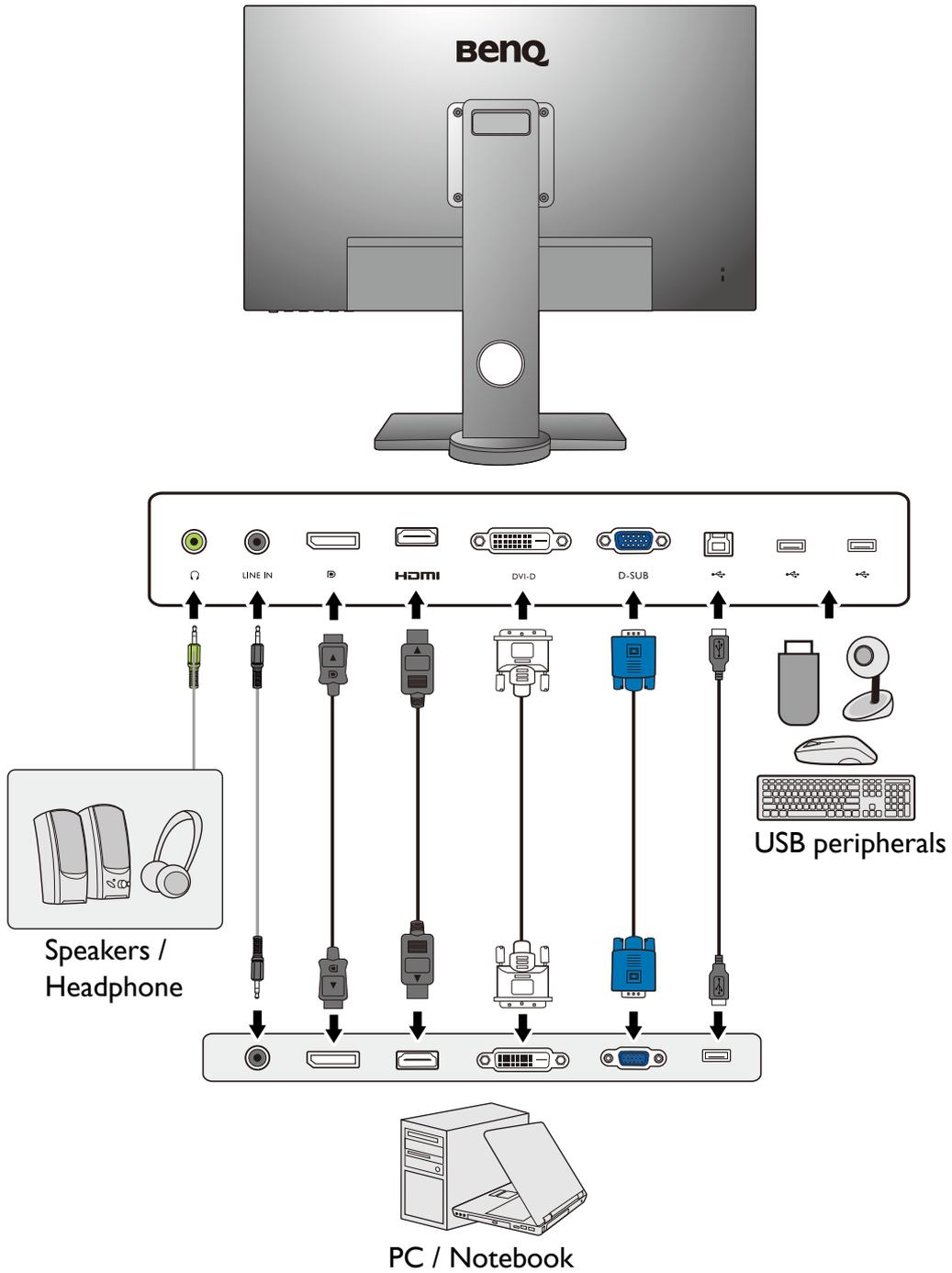




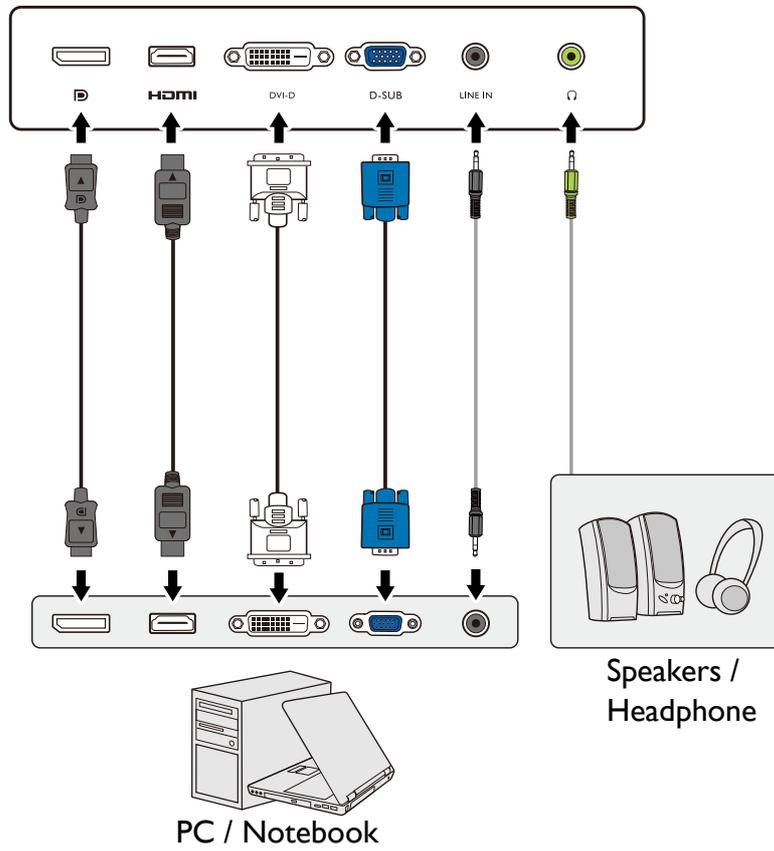
BL2381T



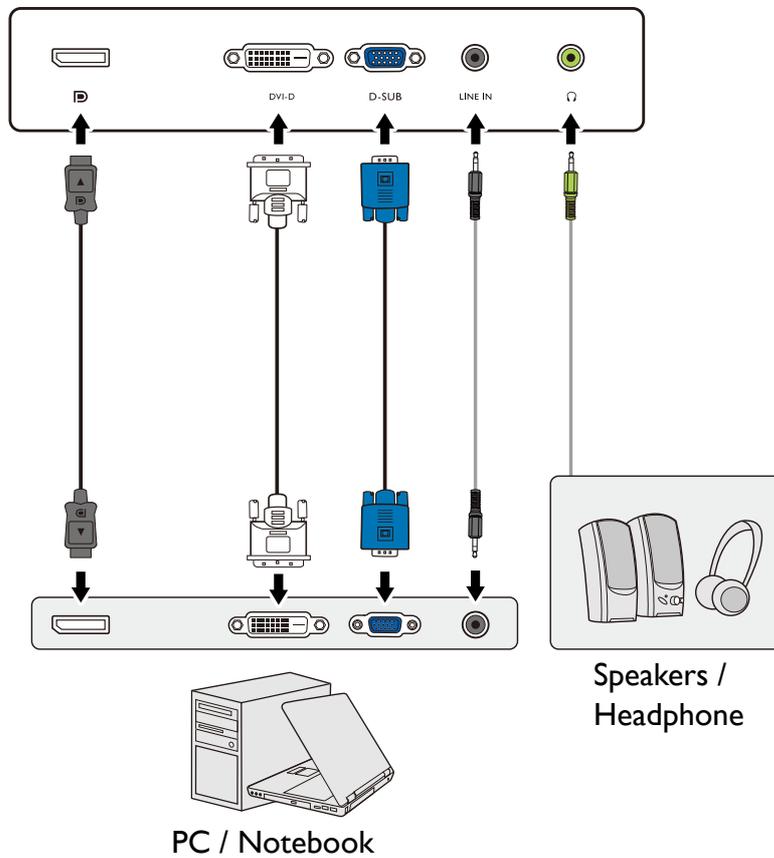
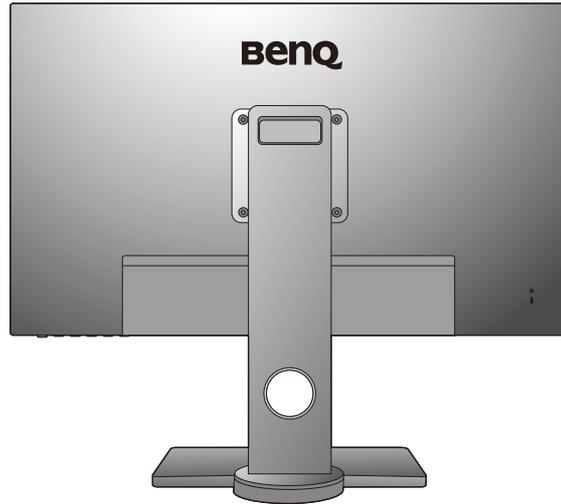
BL2581T



BL2783



BL2483TM



The location and available input and output jacks may vary depending on the purchased model.

How to assemble your monitor hardware (for models without height adjustment stand)



- 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 illustrations in this document are for your reference only and may look different from the appearance of the product.
- The following illustrations are for your reference only. The location and available input and output jacks may vary depending on the purchased model.
- Avoid finger pressure on the screen surface.

I. 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.

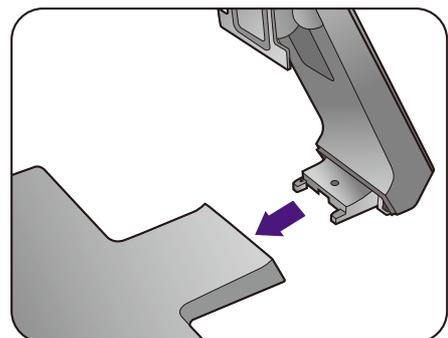
Gently lay the screen face down on a flat clean padded surface.



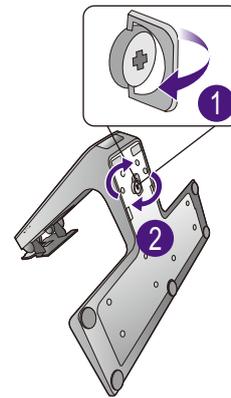
Attach the monitor stand to the monitor base as illustrated until it locks in place.



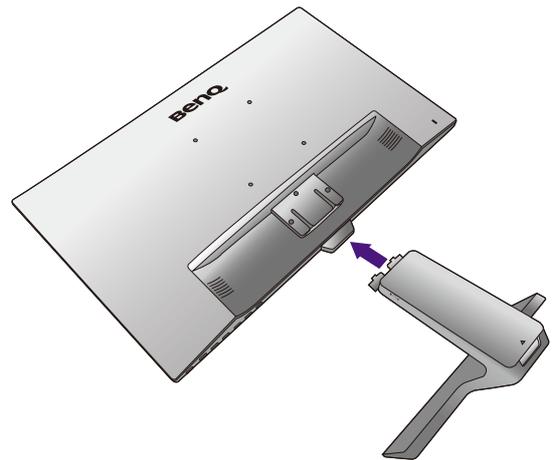
Pay attention to the sharp parts during assembly.



Tighten the thumbscrew on the bottom of the monitor base as illustrated.



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.



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



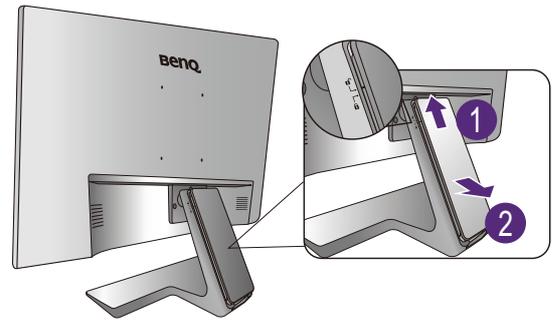
Your monitor is an edge to edge monitor and should be handled with care. Adjust the screen angle by placing your hands on the top and on the base of the monitor as illustrated. Excessive force on the display is prohibited.



2. Remove the cover of the cable management system.

The stand arm also works as a cable management system that helps keep the cables neat and clean. Slide the cable cover up to align the marking on the cable cover with the unlock icon on the stand arm. Remove the cover as illustrated. You can have one power cord, two video cables, and one audio cable routed together.

Pass a cable through the cable management hole on the stand arm first while cabling. Start with the ones with bigger connectors.

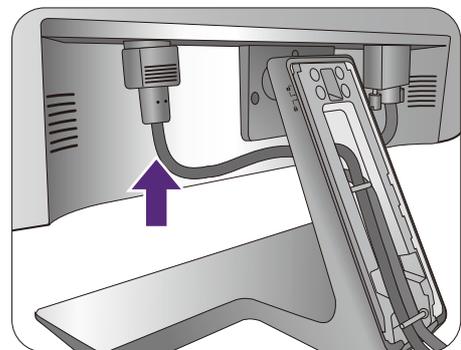


- ! Allow enough cable length while cabling to avoid loose connection and to save the pins or socket connectors from being bent or broken.

3. Connect the power cable to the monitor.

Pass the cable through the cable management hole on the stand arm first.

Plug one end of the power cord into the socket labelled  on the rear of the monitor. Do not connect the other end to a power outlet just yet.



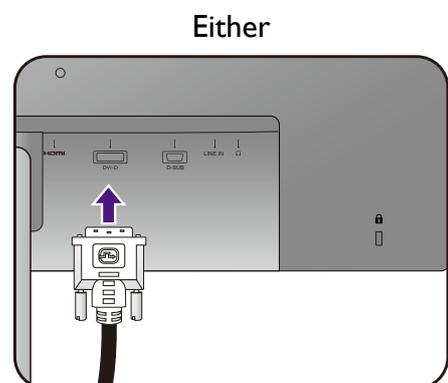
4. Connect the PC video cable.

-  Do not use both DVI-D cable and D-Sub cable on the same PC. The only case in which both cables can be used is if they are connected to two different PCs with appropriate video systems.

To Connect the DVI-D Cable

Pass the cable through the cable management hole on the stand arm first. Connect the plug of the DVI-D cable (at the end without the ferrite filter) to the monitor video socket. Connect the other end of the cable (at the end with the ferrite filter) to the computer video socket.

Tighten all finger screws to prevent the plugs from accidentally falling out during use.



To Connect the D-Sub Cable

Pass the cable through the cable management hole on the stand arm first. Connect the plug of the D-Sub cable (at the end without the ferrite filter) to the monitor video socket. Connect the other end of the cable (at the end with the ferrite filter) to the computer video socket.

Tighten all finger screws to prevent the plugs from accidentally falling out during use.

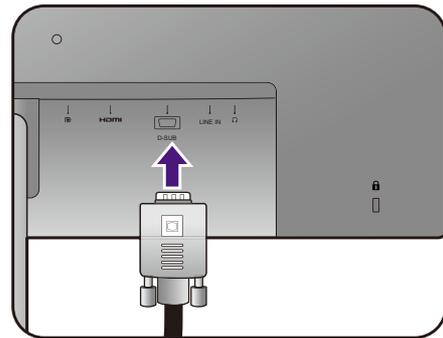
To Connect the HDMI Cable

Pass the cable through the cable management hole on the stand arm first. 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.

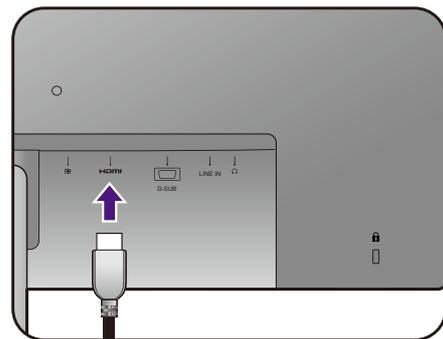
To Connect the DP Cable

Pass the cable through the cable management hole on the stand arm first. Connect the plug of the DP cable to the monitor video socket.

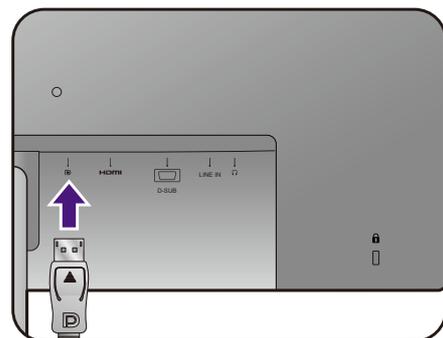
Or



Or



Or



(BL2381T / BL2581T) After the monitor and the computer are powered on, if the image is not displayed, disconnect the DP cable. Connect the monitor to any video source other than DP first. Go to **System > DisplayPort** on the OSD menu of the monitor and change the setting from **1.2** to **1.1**. Once the setting is done, unplug the current video cable and re-connect the DP cable. To go to the OSD menu, see [Basic menu operation on page 43](#).



If there is more than one video transmission method available to you, you might want to take the picture quality of each video cable into consideration before making the connection.

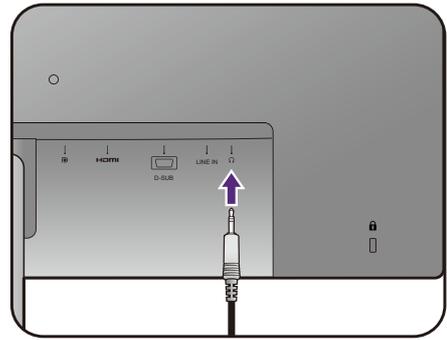
- Better quality: HDMI / DP / DVI-D
- Good quality: D-Sub



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

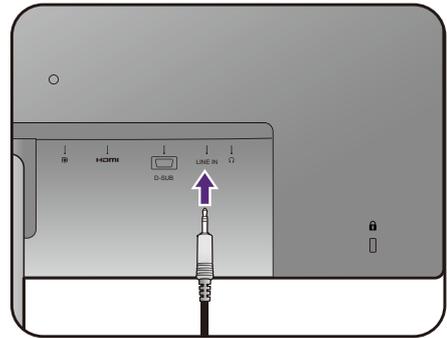
5. Connect the headphone.

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



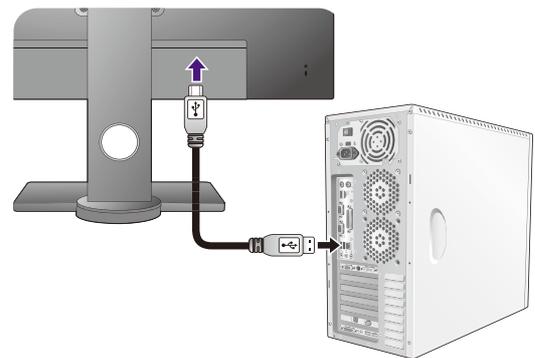
6. Connect the audio cable.

Connect the audio cable between the socket on the rear of the monitor (Line In) and your computer audio outlet.

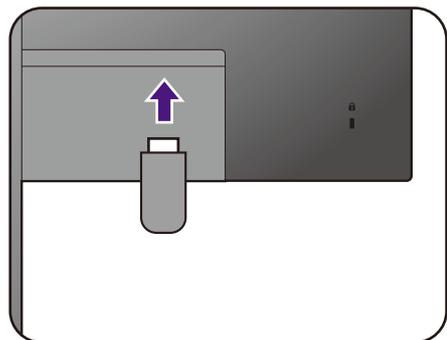


7. Connect USB devices.

Connect the USB cable between the PC and the monitor (via the upstream USB port at the back). This upstream USB port transmits data between the PC and the USB devices connected to the monitor.



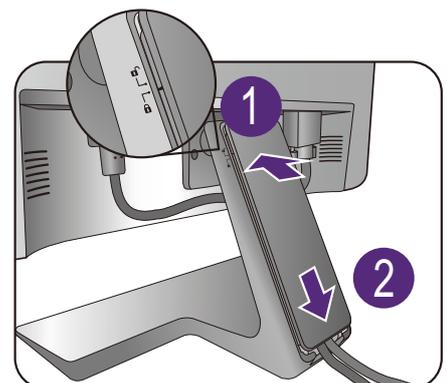
Connect the USB devices via other USB ports (downstream) on the monitor. These downstream USB ports transmit data between connected USB devices and the upstream port.



8. Install the cable cover.

After all cables have been connected to the monitor, work with the cable management system to route the cables properly.

Align the marking on the cable cover to the unlock icon on the stand arm. Install the cable cover back to the stand arm, and slide down to lock it into place. The marking on the cable cover should be aligned with the lock icon on the stand arm by now.

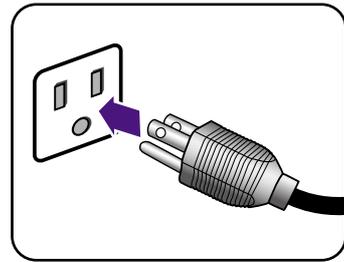


9. Connect-to and turn-on the power.

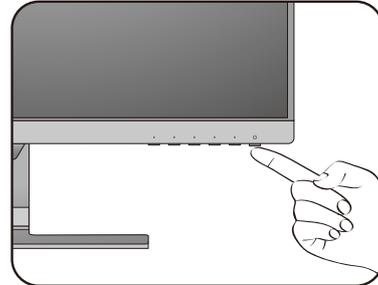
Plug the other end of the power cord into a power outlet and turn it on.



Picture may differ from product supplied for your region.



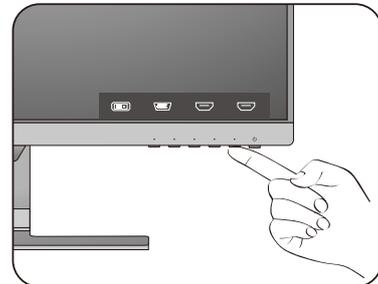
Turn on the monitor by pressing the power button on the monitor.



Turn on the computer too, and select an input source by the OSD control keys. The displayed input icons vary depending on the available video inputs of the purchased model.



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



How to detach the stand and the base (for models without height adjustment stand)

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.

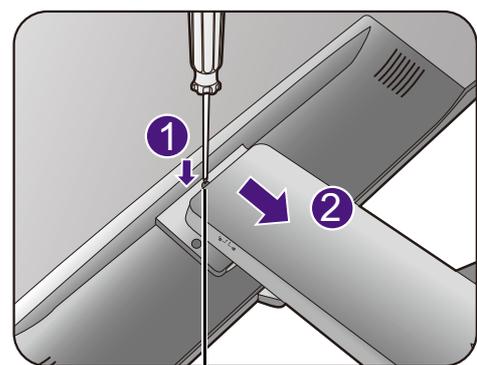


Please be careful to prevent damage to the monitor. Placing the screen surface on an object like a stapler or a mouse will crack the glass or damage the LCD substrate voiding your warranty. Sliding or scraping the monitor around on your desk will scratch or damage the monitor surround and controls.

2. Remove the monitor stand.

Push down the stand gently until you cannot go further so you can see the release button clearly.

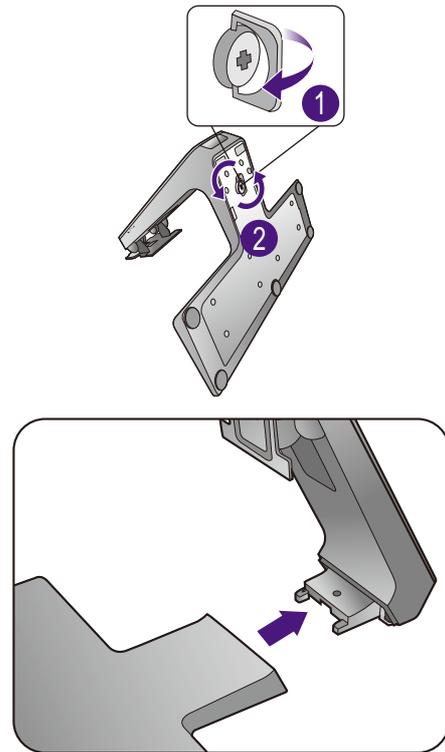
Insert a pointed object such as a screwdriver to the hole above the monitor stand arm, and then push the screwdriver against the release button inside the hole. Then pull the monitor stand backward away from the monitor.



Release button

3. Remove the monitor base.

Release the thumbscrew on the bottom of the monitor base and detach the monitor base as illustrated.



Using the monitor wall mounting kit (for models without height adjustment stand)

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.

I. Remove the monitor stand.

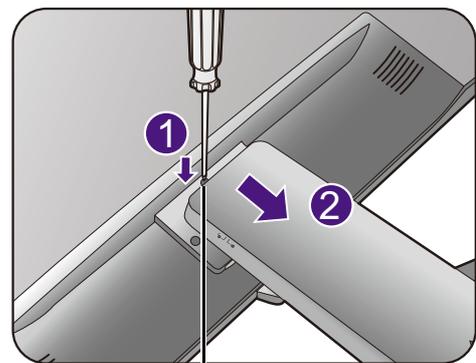
Lay the screen face down on a clean and well-padded surface.

Push down the stand gently until you cannot go further so you can see the release button clearly.

Insert a pointed object such as a screwdriver to the hole above the monitor stand arm, and then push the screwdriver against the release button inside the hole. Then pull the monitor stand backward away from the monitor.



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.

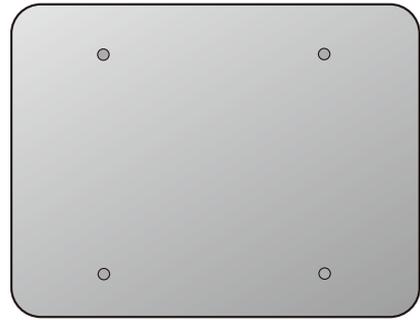


Release button

2. 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.



Assembling your monitor with a height adjustment stand

How to attach the monitor base



- 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 illustrations in this document are for your reference only and may look different from the appearance of the product.
- 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.



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.

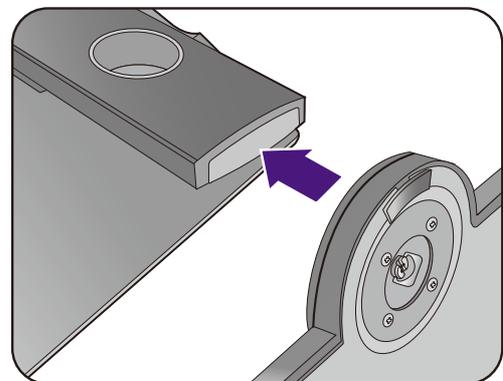
While holding the monitor firmly against the desk, pull the monitor stand arm upwards clear of the monitor.

Orient and align the stand base socket with the end of the stand arm, then push them together. Tighten the thumbscrew on the bottom of the monitor base as illustrated.

Gently attempt to pull them back apart to check that they have properly engaged.

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

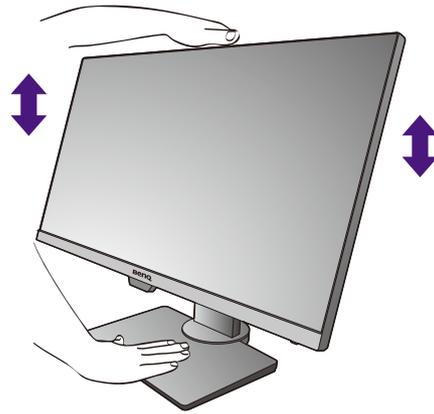
Extend the monitor to the maximum extended position. Then tilt the monitor. And rotate the monitor 90 degrees counterclockwise as illustrated.



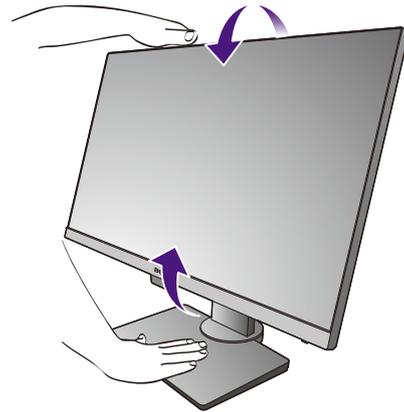
- You might want to adjust the monitor stand height. See [Adjusting the monitor height on page 38](#) for more information.



Your monitor is an edge to edge monitor and should be handled with care. Adjust the screen angle by placing your hands on the top and on the base of the monitor as illustrated. Excessive force on the display is prohibited.



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



Follow the instructions to connect cables and peripherals. The illustrations in this document are for your reference only and may look different from the appearance of the product. The location and available input and output jacks may vary depending on the purchased model.

1. [Connect the PC video cable. on page 27.](#)
2. [Connect the headphone. on page 29.](#)
3. [Connect the audio cable. on page 29.](#)
4. [Connect USB devices. on page 29.](#)
5. Connect the power cord to the monitor.
6. [Connect-to and turn-on the power. on page 30.](#)

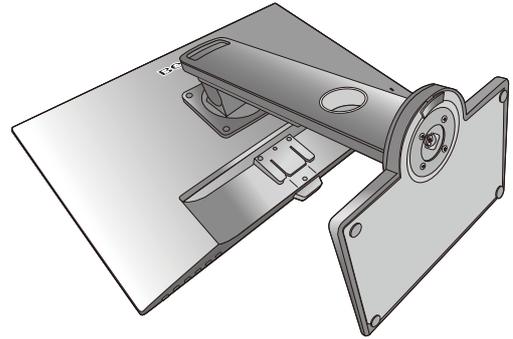
How to detach the base (for models with height adjustment stand)

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.

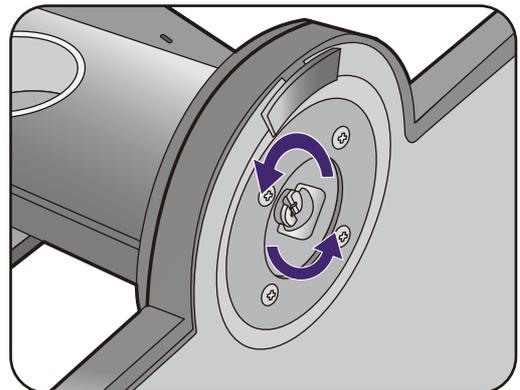
Gently lift the display up and extend the stand to the maximum extended position.

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.



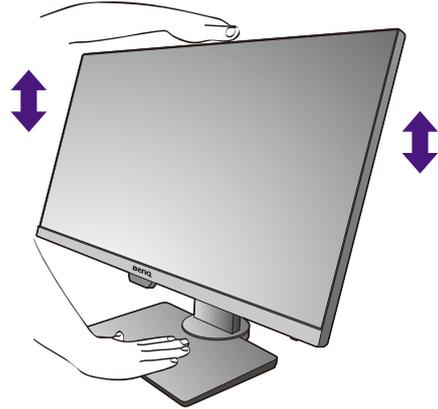
Please be careful to prevent damage to the monitor. Placing the screen surface on an object like a stapler or a mouse will crack the glass or damage the LCD substrate voiding your warranty. Sliding or scraping the monitor around on your desk will scratch or damage the monitor surround and controls.

2. Release the thumbscrew on the bottom of the monitor base and detach the monitor base as illustrated.

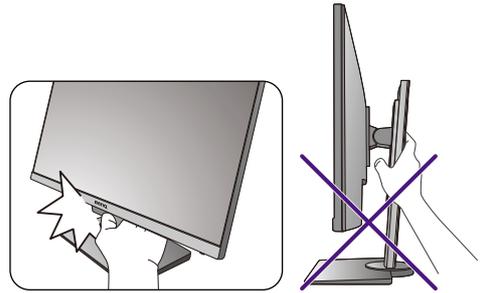


Adjusting the monitor height

To adjust the monitor height, hold both the top and the bottom of the monitor to lower the monitor or lift it up to the desired height.



- Avoid placing hands on the upper or lower part of the height-adjustable stand or at the bottom of the monitor, as ascending or descending monitor might cause personal injuries. Keep children out of reach of the monitor while performing this operation.



- If the monitor has been rotated to portrait mode and height adjustment is desired, you should be noted that the wide screen will keep the monitor from being lowered to its minimum height.

Rotating the monitor

1. Pivot the display.

Before rotating the monitor with a portrait viewing orientation, the display has to be rotated 90 degrees.

Right-click the desktop and select **Screen resolution** from the popup menu. Select **Portrait** in **Orientation**, and apply the setting.



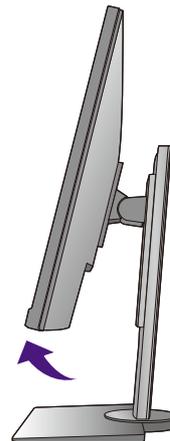
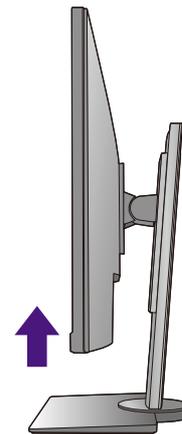
Depending on the operation system on your PC, different procedures should be followed to adjust the screen orientation. Refer to the help document of your operation system for details.

2. Fully extend the monitor and tilt it.

Gently lift the display up and extend it to the maximum extended position. Then tilt the monitor.



The monitor should be vertically extended to allow to rotate from landscape to portrait mode.



3. Rotate the monitor 90 degrees clockwise as illustrated.



To avoid the edge of the LCD display hitting the monitor base surface while it is being rotated, do tilt and extend the monitor to the highest position before you start to rotate the display.

You should also make sure there are no obstacles around the monitor and there is enough room for cables. You might need to route the cables again via the cable clip after the rotation.

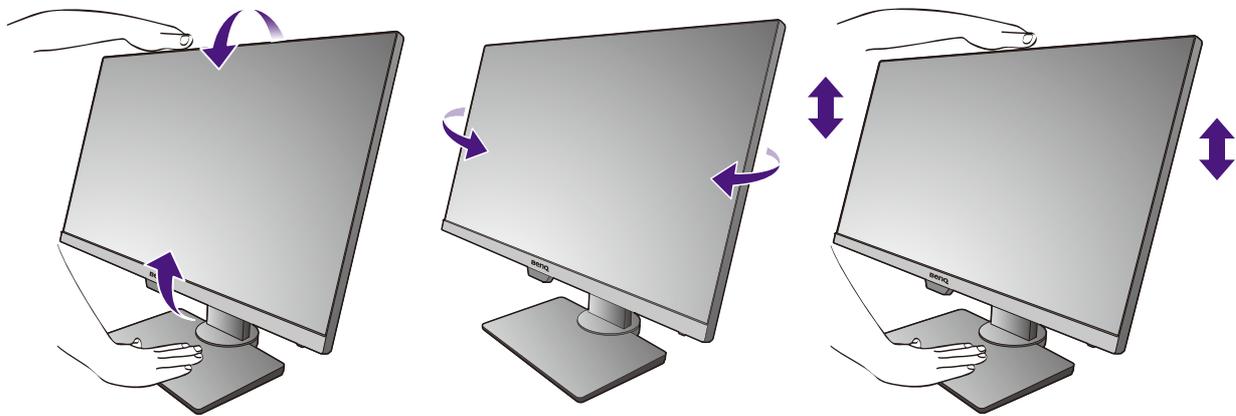


4. Adjust the monitor to the desired viewing angle.



Viewing angle adjustment

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.



Using the monitor wall mounting kit (for models with height adjustment stand)

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:

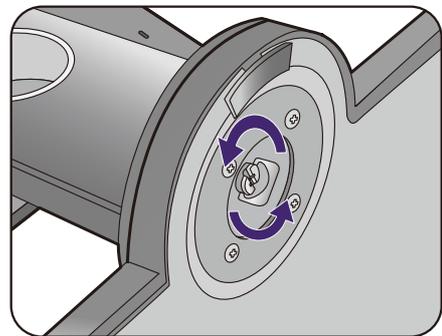
- Install your monitor and monitor mounting kit on a wall with flat surface.
- Ensure that the wall material and the standard wall mount bracket (purchased separately) are stable enough to support the weight of the monitor. Refer to the product specifications on the website for weight information.
-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

1. Remove the monitor stand.

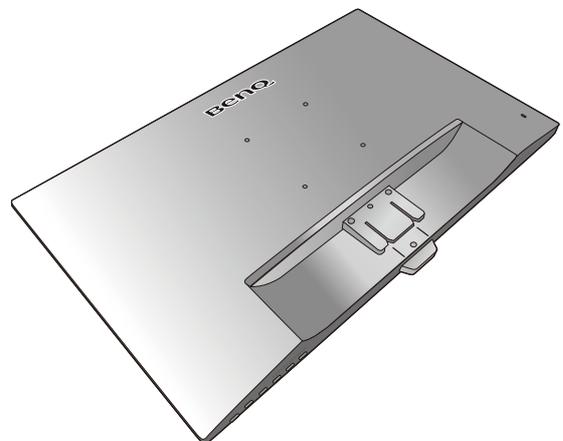
Lay the screen face down on a clean and well-padded surface.

Use a cross-pointed screwdriver to release the screws that fixing the monitor stand to the monitor. The use of a magnetic-head screwdriver is recommended to avoid losing the screws.

Then pull the monitor stand backward away from the monitor.



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.



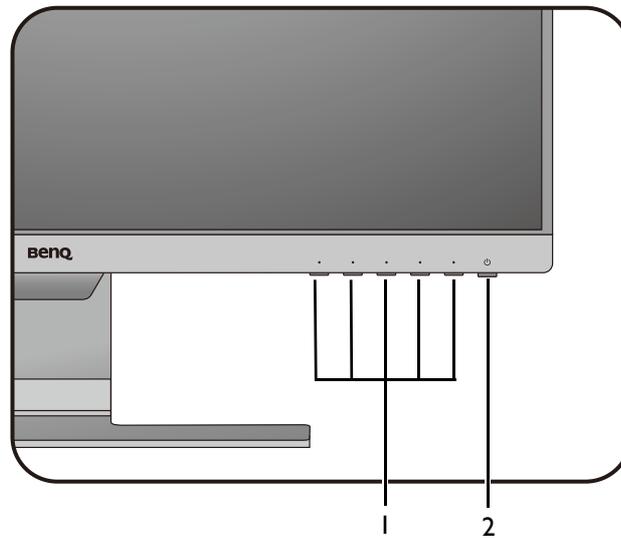
2. Follow the instruction manuals of the wall mount bracket you purchased to complete the installation.



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.

How to adjust your monitor

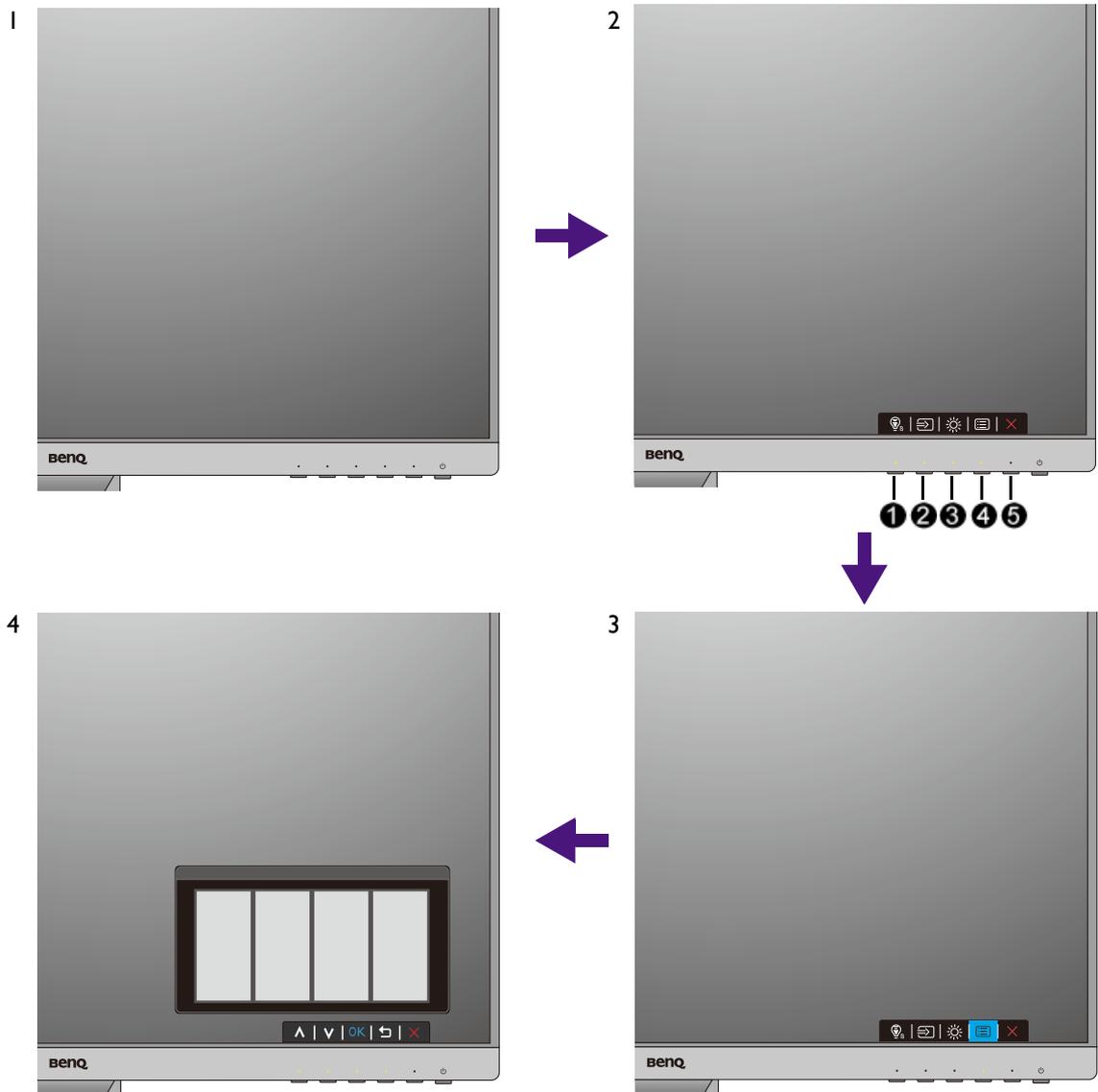
The control panel



No.	Name	Description
1.	Control keys	Accesses the functions or menu items displayed on the screen, right next to each key.
2.	Power key	Turns the power on or off.

Basic menu operation

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.



1. Press any of the control keys.
2. The hot key menu is displayed. The left three controls are custom keys and are designated for particular functions.
3. Select  (**Menu**) to access the main menu.
4. In the main menu, follow the icons next to the control keys to make adjustments or selection. See [Navigating the main menu on page 47](#) for details on the menu options.

No.	OSD in hot key menu	OSD icon in main menu	Function
①	Custom Key 1	^	<ul style="list-style-type: none"> • By default, the key is the hot key for Low Blue Light / Low Blue Light Plus (*). To change the default settings, see Customizing the hot keys on page 45. • For Up/Increase adjustment.

No.	OSD in hot key menu	OSD icon in main menu	Function
②	Custom Key 2	∨	<ul style="list-style-type: none"> • By default, the key is the hot key for Input. To change the default settings, see Customizing the hot keys on page 45. (BL2483 / BL2783) By default, the key is the hot key for Bright Intelligence. To change the default settings, see Customizing the hot keys on page 45. • For Down/Decrease adjustment.
③	Custom Key 3	> / ✓ or → / OK	<ul style="list-style-type: none"> • By default, the key is the hot key for Volume (for models with speakers) or Brightness (for models without speakers). To change the default settings, see Customizing the hot keys on page 45. (BL2483 / BL2783) By default, the key is the hot key for Input. To change the default settings, see Customizing the hot keys on page 45. • Enters sub menus. • Selects menu items.
④	Menu	 / < or  / ↶	<ul style="list-style-type: none"> • Activates the main menu. • Returns to the previous menu.
⑤	Exit	✕	Exits OSD menu.



• OSD = On Screen Display.

The hot keys only operate while the main menu is not currently displaying. Hot key displays will disappear after a few seconds of no key activity.

• To unlock the OSD controls, press and hold any key for 10 seconds.

•*: Available menu options may vary, depending on the product supplied for your region.

Picture optimization

The easiest way to obtain an optimal display from an analog (D-Sub) input is to use the **Auto Adjustment** function. Go to **Display** and **Auto Adjustment** to optimize the currently displayed image to the screen.



When you connect a digital input signal using a digital (DVI, HDMI, or DP) cable to your monitor, the **Auto Adjustment** function will be disabled, because the monitor will automatically display the best image.



Please ensure that the connected graphic card on your computer is set to the native resolution of the monitor when you use the **Auto Adjustment** function.

If you wish, you can always adjust the screen geometric settings manually using geometry menu items. To assist you in this endeavour, BenQ has provided a screen test image utility which you can use to check for screen color, grayscale and line gradient display. The utility is available on the website. See [Product support on page 3](#) for more information.

1. Run the test program auto.exe. You could also use any other image, such as the desktop of your operating system. However, we recommend that you use auto.exe. As you run auto.exe, a test pattern displays.
2. Press any of the control keys to bring up the hot key menu. Select  (**Menu**) to enter the main menu.
3. Go to **Display** and **Auto Adjustment**.
4. If you notice a vertical noise (like a curtain effect-shimmering of vertical lines), select **Pixel Clock** and adjust the monitor until the noise disappears.
5. If you notice a horizontal noise, select **Phase** and adjust the monitor until the noise disappears.

Customizing the hot keys

The left 3 control keys (also called custom keys) perform as hot keys to provide direct access to pre-defined functions. You can change the default setting and designate different functions for these keys.

1. Press any of the control keys to bring up the hot key menu, and press  (**Menu**) to access the main menu.
2. Go to **System**.
3. Select the custom key you want to change.
4. In the sub menu, select a function that can be accessed by this key. A pop-up message will appear, showing that the setup is complete.

Adjusting display mode

To display images of aspect ratios other than your monitor aspect ratio and sizes other than your display size, you can adjust the display mode on the monitor.

1. Press any of the control keys to bring up the hot key menu, and press  (**Menu**) to access the main menu.
2. Go to **Picture Advanced** and **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. See [Picture Mode on page 54](#) for all the available picture modes.

Go to **Picture Advanced** and **Picture Mode** for a desired picture mode.

If **Low Blue Light / Low Blue Light Plus** is preferred, select **Low Blue Light / Low Blue Light Plus** to enable it. And go to **Eye Care** and **Low Blue Light / Low Blue Light Plus** to select one of the modes from the list.

Adjusting screen brightness automatically (Bright Intelligence, selected models only)



The Bright Intelligence function works with certain picture modes only. If it is not available, its menu options will become grayed out.

The built-in light sensor works with Bright Intelligence technology to detect the ambient light, image brightness and contrast, and then balance the screen automatically. It helps keep image details as well as to reduce eye strain.

To enable this function, go to **Eye Care > Bright Intelligence > ON**.



The performance of Bright Intelligence may be impacted by the light sources and the monitor tilt angle. You can increase the light sensor sensitivity from **Eye Care > Bright Intelligence > Sensor Sensitivity** if needed. See [page 49](#) for more information.

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. Go to **Eye Care > Color Weakness**.
2. Choose either **Red Filter** or **Green Filter**.
3. Adjust the value of the filter. A stronger effect is produced as the value increases.

Navigating the main menu

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

Press any of the control keys to bring up the hot key menu, and press  (**Menu**) to access the main menu. See [Basic menu operation on page 43](#) 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.



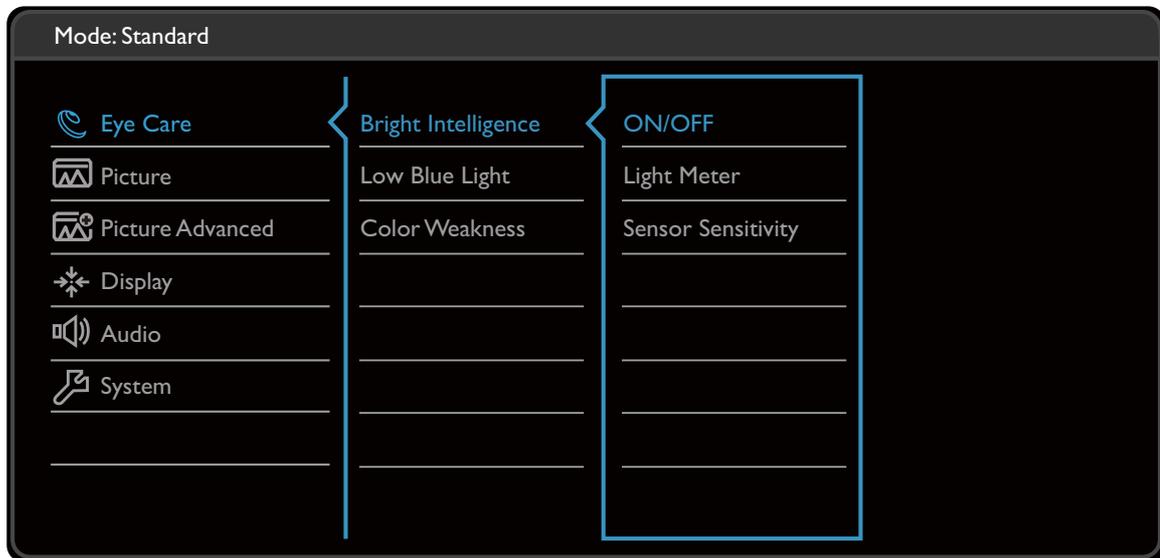
The OSD menu languages may differ from the product supplied to your region, see [Language on page 59](#) under **System** and **OSD Settings** for more details.

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

- [Eye Care menu \(selected models only\) on page 48](#)
- [Display menu on page 50](#)
- [Picture menu on page 52](#)
- [Picture Advanced menu on page 54](#)
- [Audio menu on page 57](#)
- [System menu on page 58](#)
- [ECO menu \(selected models only\) on page 62](#)

Eye Care menu (selected models only)

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.

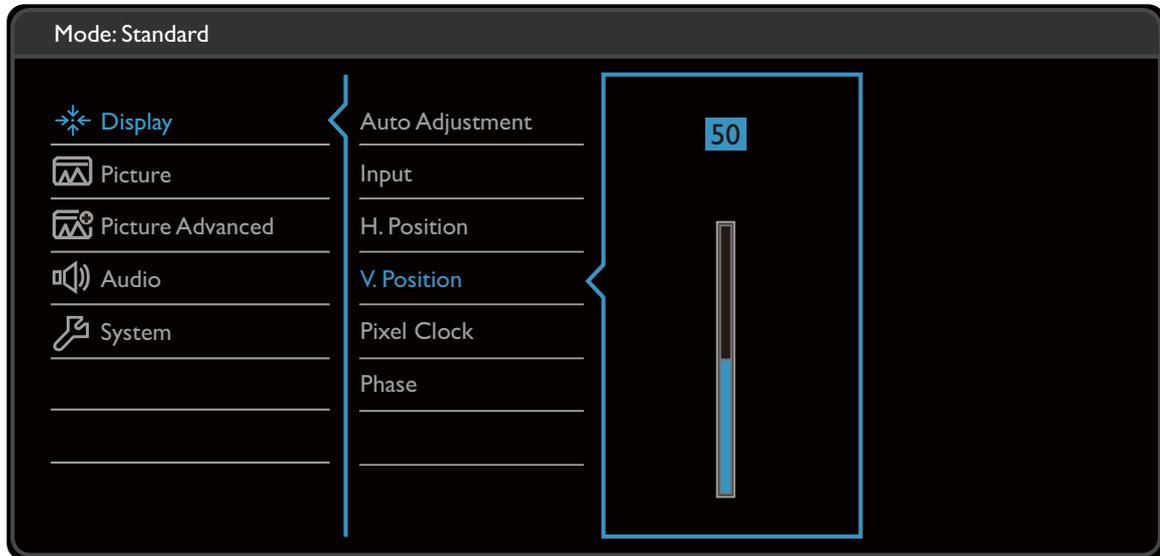


1. Select  (**Menu**) from the hot key menu.
2. Use  or  to select **Eye Care**.
3. Select  or  to go to a sub menu, and then use  or  to select a menu item.
4. Use  or  to make adjustments, or use  or **OK** to make selection.
5. To return to the previous menu, select  or .
6. To exit the menu, select .

Item	Function		Range
Bright Intelligence	Turns the Bright Intelligence function on or off. The built-in light sensor works with Bright Intelligence technology to detect the ambient light, image brightness and contrast, and then balance the screen automatically.		<ul style="list-style-type: none"> • ON • OFF
	Light Meter	Sets to display the light condition around the monitor on the screen.	<ul style="list-style-type: none"> • ON • OFF
	Sensor Sensitivity	Adjusts sensitivity of light sensor to change the brightness range to be detected. This may be helpful to correct uneven lighting in light detection.	0 ~ 100
Low Blue Light / Low Blue Light Plus	<p>Decreases the blue light emitted from the display to reduce the risk of blue light exposure to your eyes.</p>  The amount of blue light reduced in each mode varies and has been set particularly for the specified scenario. Choose one mode to suit your needs.		
	Multimedia	For viewing multimedia files.	
	Web Surfing	For web surfing.	
	Office	For office works or office environment.	
	ePaper (selected models only)	For reading e-books or documents in black and white with suitable on-screen brightness and clear texts.	
	Reading	For reading e-books or documents.	
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

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



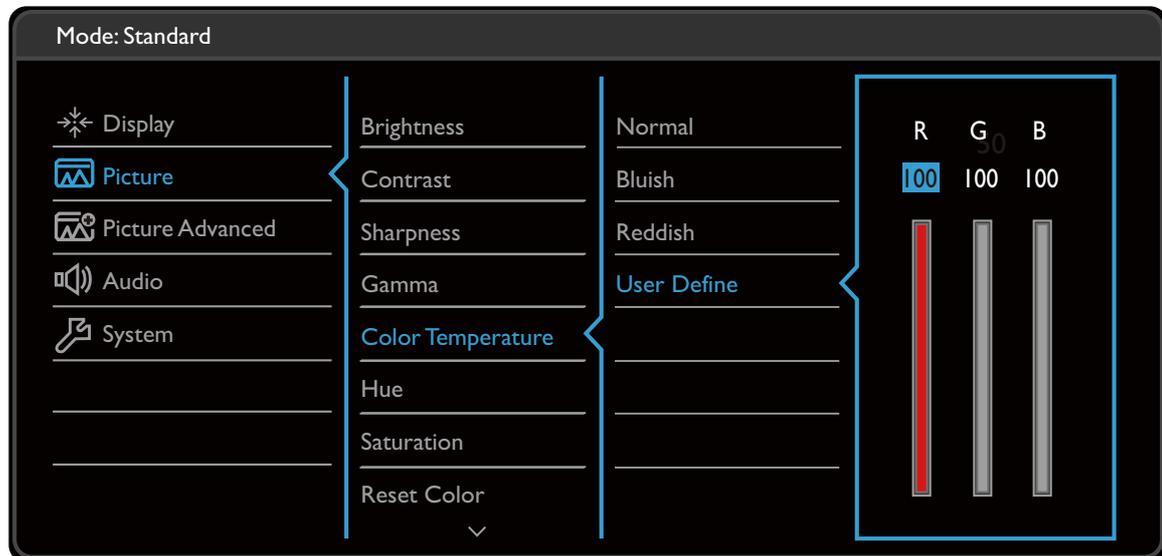
1. Select  (**Menu**) from the hot key menu.
2. Use \wedge or \vee to select **Display**.
3. Select $\>$ or \rightarrow to go to a sub menu, and then use \wedge or \vee to select a menu item.
4. Use \wedge or \vee to make adjustments, or use \checkmark or **OK** to make selection.
5. To return to the previous menu, select \leftarrow or \leftarrow .
6. To exit the menu, select \times .

Item	Function	Range
Auto Adjustment	Optimizes and adjusts the screen settings automatically for you.  Not applicable to a digital input signal.	

Item	Function	Range
Input	Use this to change the input to that appropriate to your video cable connection type.	<ul style="list-style-type: none"> • D-Sub • DP (for models with DP inputs) • DVI (for models with DVI inputs) • HDMI
H. Position	Adjusts the horizontal position of the screen image.	0 to 100
V. Position	Adjusts the vertical position of the screen image.	0 to 100
Pixel Clock	<p>Adjusts the pixel clock frequency timing to synchronize with the analog input video signal. See also: Picture optimization on page 45.</p> <p> Not applicable to a digital input signal.</p>	0 to 100
Phase	<p>Adjusts the pixel clock phase timing to synchronize with the analog input video signal. See also: Picture optimization on page 45.</p> <p> Not applicable to a digital input signal.</p>	0 to 63

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



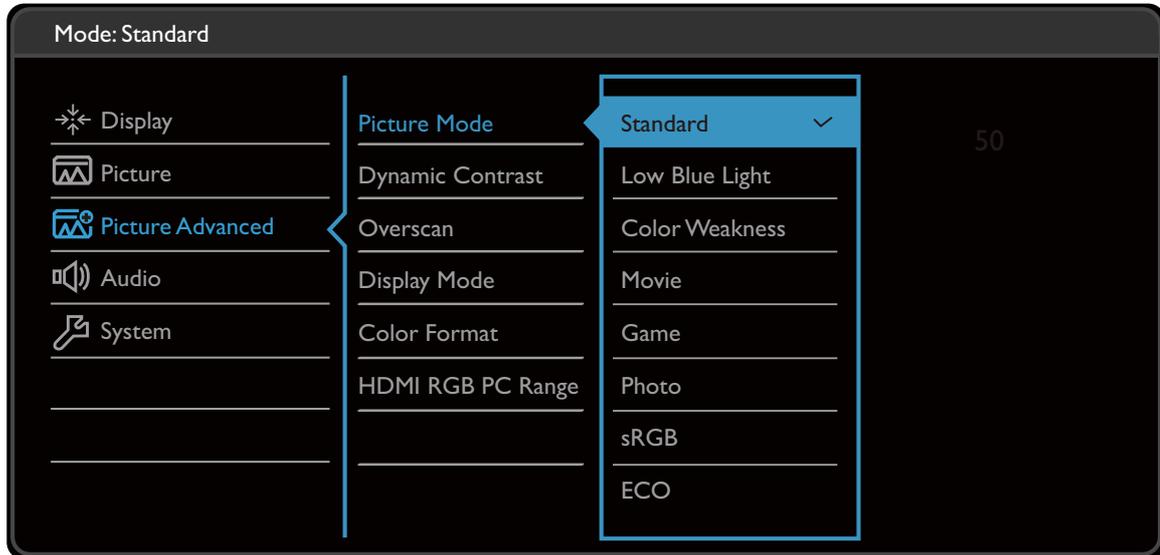
1. Select (Menu) from the hot key menu.
2. Use or to select **Picture**.
3. Select or to go to a sub menu, and then use or to select a menu item.
4. Use or to make adjustments, or use or **OK** to make selection.
5. To return to the previous menu, select or .
6. To exit the menu, select .

Item	Function	Range
Brightness	Adjusts the balance between light and dark shades.	0 to 100
Contrast	Adjusts the degree of difference between darkness and lightness.	0 to 100
Sharpness	Adjusts the clarity and visibility of the edges of the subjects in the image.	1 to 10

Item	Function		Range
Gamma	Adjusts the tone luminance.		<ul style="list-style-type: none"> • 1 • 2 • 3 • 4 • 5
Color Temperature	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	<p>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.</p> <p>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.)</p>	<ul style="list-style-type: none"> • R (0~100) • G (0~100) • B (0~100)
Hue	Adjusts the degree of how we perceive colors.		0 ~ 100
Saturation	Adjusts the purity degree of colors.		0 ~ 100
Reset Color	Resets the custom color settings to the factory defaults.		<ul style="list-style-type: none"> • YES • NO
AMA	Improves the gray level response time of the LCD panel.		<ul style="list-style-type: none"> • OFF • High • Premium

Picture Advanced 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. Select  (**Menu**) from the hot key menu.
2. Use  or  to select **Picture Advanced**.
3. Select  or  to go to a sub menu, and then use  or  to select a menu item.
4. Use  or  to make adjustments, or use  or **OK** to make selection.
5. To return to the previous menu, select  or .
6. To exit the menu, select .

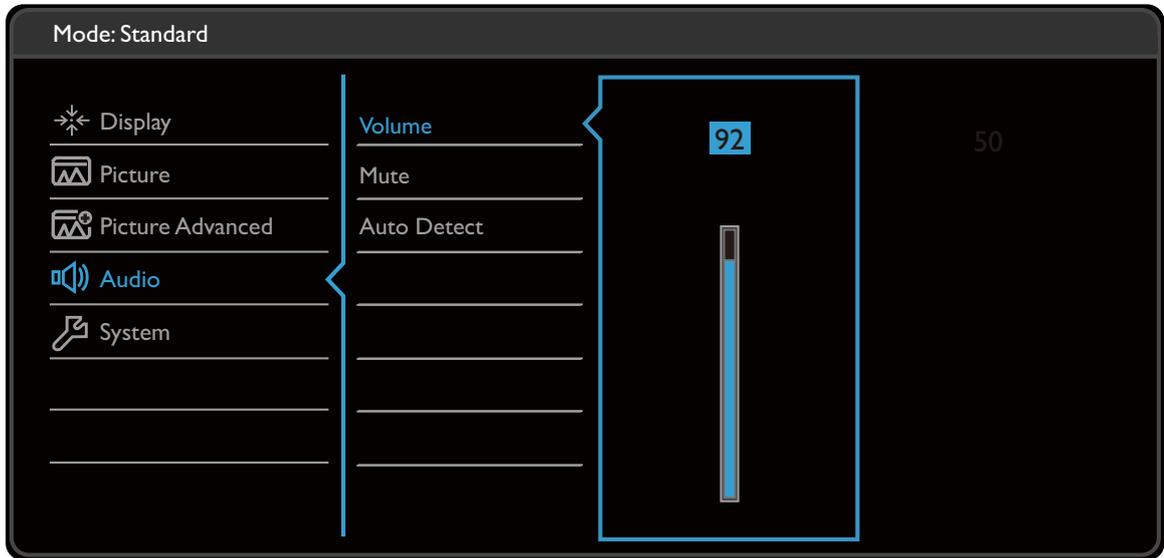
Item	Function		Range
Picture Mode	Select a picture mode that best suits the type of images shown on the screen.		
	Standard	For basic PC application.	
	Low Blue Light / Low Blue Light Plus	Decreases the blue light emitted from the display to reduce the risk of blue light exposure to your eyes.  There are 4 modes to suit different needs. To select a desired mode, go to Eye Care > Low Blue Light / Low Blue Light Plus . See Low Blue Light / Low Blue Light Plus on page 49 for more information.	

Item	Function	Range
	<p>Color Weakness</p> <p>Adjusts color matching representation for people with color vision deficiency to distinguish colors easily.</p> <p> You are provided with Red Filter and Green Filter on this monitor. Go to Eye Care > Color Weakness and choose one as needed. See Color Weakness on page 49 for more information.</p> <p>Movie</p> <p>For viewing videos.</p> <p>Game</p> <p>For playing video games.</p> <p>Photo</p> <p>For viewing still images.</p> <p>sRGB</p> <p>For better color matching representation with the peripheral devices, such as printers, digital cameras, etc.</p> <p>ECO</p> <p>For saving electricity with low power consumption by providing minimum brightness for all running programs.S</p> <p>User</p> <p>Applies a combination of picture settings defined by users.</p>	
Dynamic Contrast	The function is to automatically detect the distribution of an input visual signal, and then to create the optimal contrast.	0 to 5
Overscan	<p>Slightly enlarges the input image. Use this feature to hide annoying edge noise if present around your image.</p> <p> Available only when the input source is HDMI or D-Sub (VGA converted from Component).</p>	<ul style="list-style-type: none"> • ON • OFF
Display Mode	<p>This feature is provided to allow aspect ratios other than 16:9 or 16:10 (depending on the purchased model) to be displayed without geometric distortion.</p> <p> The options under Display Mode will be different depending on the input signal sources.</p> <p> Depending on your selection of Picture Mode, different Display Mode option is pre-set. Change the setting if needed.</p> <p>Full</p> <p>Scales the input image to fill the screen. Ideal for 16:9 or 16:10 (depending on the purchased model) aspect images.</p> <p>Aspect</p> <p>The input image is displayed without geometric distortion filling as much of the display as possible.</p>	

Item	Function		Range
Color Format	Determines the color space (RGB or YUV) based on the detected video signal.		
	 You might need to manually set the Color Format if colors shown on the monitor screen do not display properly.		
	 If the input source is HDMI, color format is not selectable. In other words, Color Format is automatically set depending on the input video source.		
RGB	<ul style="list-style-type: none"> • For D-Sub (VGA) input source from PC. • For DVI input source. 		
YUV	For D-Sub (Component converted from VGA) input source from a video device.		
HDMI RGB PC Range (selected models only)	Determines the range of color scales. Select an option that matches the RGB range setting on the connected HDMI device.		<ul style="list-style-type: none"> • Auto Detect • RGB (0 ~ 255) • RGB (16 ~ 235)
RGB PC Range (BL2483TM only)	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"> • Auto Detect • RGB (0 ~ 255) • RGB (16 ~ 235)

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.

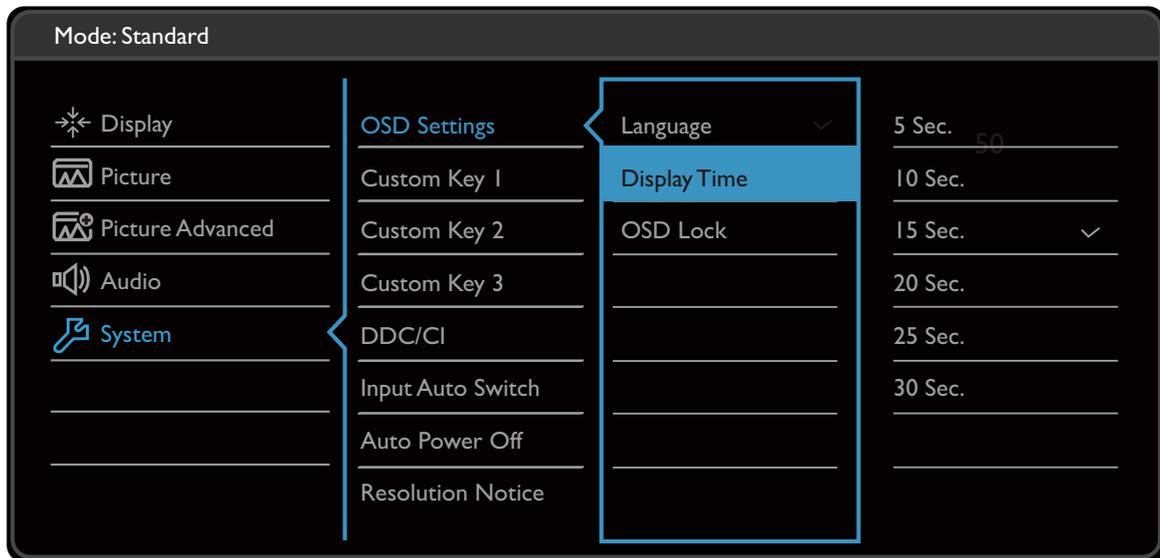


1. Select  (**Menu**) from the hot key menu.
2. Use  or  to select **Audio**.
3. Select  or  to go to a sub menu, and then use  or  to select a menu item.
4. Use  or  to make adjustments, or use  or **OK** to make selection.
5. To return to the previous menu, select  or .
6. To exit the menu, select .

Item	Function	Range
Volume	Adjusts the audio volume.	0 ~ 100
Mute	Mutes the audio input.	<ul style="list-style-type: none"> • ON • OFF
Audio Select	Allow users to select the audio source or let the monitor detect it automatically.	<ul style="list-style-type: none"> • PC Audio • Auto Detect

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. Select  (**Menu**) from the hot key menu.
2. Use  or  to select **System**.
3. Select  or  to go to a sub menu, and then use  or  to select a menu item.
4. Use  or  to make adjustments, or use  or **OK** to make selection.
5. To return to the previous menu, select  or .
6. To exit the menu, select .

Item	Function		Range
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.	<ul style="list-style-type: none"> • English • Français • Deutsch • Italiano • Español • Polski • Český • Magyar • Română • Nederlands • Русский • Svenska • Português • العربية • 日本語 • 한국어 • 繁體中文 • 简体中文
	Display Time	Adjusts the display time of the OSD menu.	<ul style="list-style-type: none"> • 5 Sec. • 10 Sec. • 15 Sec. • 20 Sec. • 25 Sec. • 30 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.	
USB Awake (selected models only)	By default, this function is disabled, and the USB ports are not supplied with power while the monitor is in standby mode. To keep supplying power to the USB ports in monitor's standby mode, change the setting to ON .		<ul style="list-style-type: none"> • ON • OFF

Item	Function	Range
Custom Key 1	Sets the function to be accessed by custom key 1.	<ul style="list-style-type: none"> • Picture Mode • Low Blue Light / Low Blue Light Plus • Bright Intelligence (selected models only) • Display Mode • Brightness • Contrast • Auto Adjustment • Volume • Mute • Input
Custom Key 2	Sets the function to be accessed by custom key 2.	
Custom Key 3	Sets the function to be accessed by custom key 3.	
DDC/CI	<p>Allows the monitor settings to be set through the software on the PC.</p>  DDC/CI, short for Display Data Channel/Command Interface, which was developed by Video Electronics Standards Association (VESA). DDC/CI capability allows monitor controls to be sent via the software for remote diagnostics.	<ul style="list-style-type: none"> • ON • OFF
Input Auto Switch	Sets to automatically detect the available input source.	<ul style="list-style-type: none"> • ON • OFF
Auto Power Off	Sets the time to power off the monitor automatically in power saving mode.	<ul style="list-style-type: none"> • OFF • 10min. • 20min. • 30min.
Resolution Notice	Sets whether to display the resolution notice of the recommended resolution when a new input source is detected by the monitor.	<ul style="list-style-type: none"> • ON • OFF
Information	Displays the current monitor property settings.	<ul style="list-style-type: none"> • Input • Current Resolution • Optimum Resolution (best with the monitor) • Model Name

Item	Function	Range
DisplayPort (selected models only)	Selects an appropriate DP standard for data transmission.	<ul style="list-style-type: none"> • 1.1 • 1.2
OSD Key Bri. (selected models only)	Adjusts the LED indicator's brightness of the power key.	<ul style="list-style-type: none"> • 1 • 2 • 3
Reset All	Resets all mode, color and geometry settings to the factory default values.	<ul style="list-style-type: none"> • YES • NO

ECO menu (selected models only)

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. Select  (**Menu**) from the hot key menu.
2. Use  or  to select **ECO**.
3. Select  or  to go to a sub menu, and then use  or  to select a menu item.
4. Use  or  to make adjustments, or use  or **OK** to make selection.
5. To return to the previous menu, select  or .
6. To exit the menu, select .

Item	Function	Range
ECO Sensor	<p>Your monitor comes with a proximity sensor (called ECO sensor), which detects your presence in front of the monitor within the set range. If the sensor detects no presence, the monitor is turned off in 40 seconds to save power.</p> <p> If the monitor is turned off by the ECO sensor, the power button flashes in white. If the ECO sensor detect no presence for over 2 hours, the monitor will be powered off. Press the power button to turn on the monitor.</p>	<ul style="list-style-type: none"> • ON • OFF

Item	Function	Range
ECO Sensor Meter	Sets to display the countdown to turn off the monitor.	<ul style="list-style-type: none"> • ON • OFF
Sensor Range	Decides how far the sensor can detect.	<ul style="list-style-type: none"> • Near • Middle • Far

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.

 - If a VGA extension cable is used, remove the extension cable for the test. Is the image now in focus? 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 to optimize the image. It is normal for blurring to occur due to conduction losses in extension cables. You can minimize these losses by using an extension cable with better conduction quality or with a built-in booster.
-  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.
-  The image has a faulty coloration.
-  It has a yellow, blue or pink appearance.

Go to **Picture** and **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 55](#) 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.

Power LED indicator

- ❓ 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 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

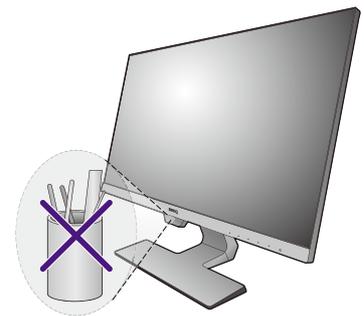
- ❓ A message **Out of Range** on the screen during computer boot up process.
- ✅ If there is a message **Out of Range** on the screen during computer boot up process, this means computer compatibility caused by operating system or graphic card. The system will adjust the refresh rate automatically.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

Audio

- ❓ No sound can be heard from the built-in speakers. (selected models only)
- ✔
 - Check whether the desired cable to input audio signals is properly connected. See [Connect the audio cable. on page 29](#) for details.
 - Increase the volume (volume may be muted or too low).
 - Remove your headphone and/or external speakers. (If they are connected to the monitor, the built-in speakers are automatically muted.)
- ❓ 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.

Sensors (selected models only)

- ❓ The light sensor of the monitor does not work well.
- ✔ The light sensor is located at the front bottom of the monitor. Please check:
 - If you have removed the sensor protection sticker.
 - If the **Bright Intelligence** function is set to **ON**. Check **Eye Care > Bright Intelligence**.
 - If there are any obstacles in front of the sensor that keep the sensor from detecting the light properly.
 - If there are any objects or clothing in bright colors in front of the sensor. Bright colors (especially white and fluorescent colors) reflect light and the sensor cannot detect the main light sources.
- ❓ The ECO sensor of the monitor does not work well.
- ✔
 - The ECO sensor is located at the front bottom of the monitor. Check if there are any obstacles in front of the sensor that keep the sensor from detecting your presence properly.
 - If you have removed the sensor protection sticker.
 - The colors and the materials of your clothes may affect the detection. Adjust the sensor range if needed. See [Sensor Range on page 63](#) for more information.
 - Adjust the distance between you and the monitor.



If none of the preceding actions works, it is probably because the materials of your clothes are unique and cannot be detected by the ECO sensor. Please be noted that this is neither a manufacturing defect nor is the sensor damaged. You should turn off the ECO sensor for now in **ECO > ECO Sensor**.

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.