

# **USER MANUAL**

# ***G-MASTER***

## **LCD Monitor**

ENGLISH

### ***G-MASTER GB3290QSU***

Thank you very much for choosing the iiyama LCD monitor.

We recommend that you take a few minutes to read carefully through this brief but comprehensive manual before installing and switching on the monitor. Please keep this manual in a safe place for your future reference.



## Dear user, we congratulate you on the purchase of your iiyama LCD.

For details on warranty and locally used pixel policies that apply directly after installation of your product please check the iiyama website.

**To report a fault, please contact  
your local support centre found at <https://iiyama.com>**

### Things to check before you call the iiyama information line

- | if the power cable is connected securely and turned on?
- | if the display has been turned on?
- | if the signal cable is connected securely and the correct input selected?
- | if the computer has been restarted with the display connected?
- | if the graphics card is correctly installed with the latest drivers possible?
- | if the correct native resolution has been selected via 'Display Properties'?
- | If the R/G/B signal configuration is correct?
- | if the displays On Screen Menu is shown?
- | if the correct brightness and contrast settings have been set?
- | if given display tolerances and compatibility have been considered?
- | if via the On Screen Menu you have performed a Factory Reset/Recall?

### Before reporting the screen defect, please prepare the following information/evidence:

- | model number \*
- | purchase receipt and serial number \*
- | name and address for collection
- | telephone/fax number, for availability during the day
- | convenient collection date (date, time)
- | short description of the defect

### Important Note:

If there is no fault found in the collected equipment after inspection, the transferring party shall incur charges for transport and administration.

If you have checked all of the above and there is still no picture, call our information line for assistance in your country.

### Feedback on health and safety issues

If you have any health and safety concerns or questions about the product (including when using the product), please contact iiyama support through our website. You can also contact us by calling +31 204460404. After receiving your feedback, we will ask the responsible unit to handle it as soon as possible and a dedicated person will get back to you. Your feedback will also be recorded and incorporated into our evaluation for improvements

\* see the identification plate on the back of the case.

## CE MARKING DECLARATION OF CONFORMITY

This LCD monitor complies with the requirements of the EC/EU Directive 2014/30/EU "EMC Directive", 2014/35/EU "Low Voltage Directive", 2009/125/EC "ErP Directive" and 2011/65/EU "RoHS Directive".

The electro-magnetic susceptibility has been chosen at a level that gives correct operation in residential areas, business and light industrial premises and small-scale enterprises, inside as well as outside of the buildings. All places of operation are characterized by their connection to the public low voltage power supply system.

IYYAMA CORPORATION: Wijkmeerstraat 8, 2131 HA Hoofddorp, The Netherlands

Model No. : PL3290Q



We recommend recycling of used product. Please contact your dealer or iiyama service center. Recycle information is obtained via the Internet, using the address: <https://iiyama.com>

You can access the Web page of different countries from there.

- We reserve the right to change specifications without notice.
- All trademarks used in this user manual are the property of their respective owners.
- Eprel registration number GB3290QSU-B1 : 2255166

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# FOR YOUR SAFETY

## SAFETY PRECAUTIONS

### WARNING

#### **STOP OPERATING THE MONITOR WHEN YOU SENSE TROUBLE**

If you notice any abnormal phenomena such as smoke, strange sounds or fumes, unplug the monitor and contact your dealer or iiyama service center immediately. Further use may be dangerous and can cause fire or electric shock.

#### **NEVER REMOVE THE CABINET**

High voltage circuits are inside the monitor. Removing the cabinet may expose you to the danger of fire or electric shock.

#### **DO NOT PUT ANY OBJECT INTO THE MONITOR**

Do not put any solid objects or liquids such as water into the monitor. In case of an accident, unplug your monitor immediately and contact your dealer or iiyama service center. Using the monitor with any object inside may cause fire, electric shock or damage.

#### **INSTALL THE MONITOR ON A FLAT, STABLE SURFACE**

The monitor may cause an injury if it falls or is dropped.

#### **DO NOT USE THE MONITOR NEAR WATER**

Do not use where water may be splashed or spilt onto the monitor as it may cause fire or electric shock.

#### **OPERATE UNDER THE SPECIFIED POWER SUPPLY**

Be sure to operate the monitor only with the specified power supply. Use of an incorrect voltage will cause malfunction and may cause fire or electric shock.

#### **PROTECT THE CABLES**

Do not pull or bend the power cable and signal cable. Do not place the monitor or any other heavy objects on the cables. If damaged, the cables may cause fire or electric shock.

#### **ADVERSE WEATHER CONDITIONS**

It is advisable not to operate the monitor during a heavy thunder storm as the continual breaks in power may cause malfunction. It is also advised not to touch the plug in these circumstances as it may cause electric shock.

### CAUTION

#### **INSTALLATION LOCATION**

Do not install the monitor where sudden temperature changes may occur, or in humid, dusty or smoky areas as it may cause fire, electric shock or damage. You should also avoid areas where the sun shines directly on the monitor.

#### **DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION**

The monitor may topple and cause injury if not suitably located. Please also ensure that you do not place any heavy objects on the monitor, and that all cables are routed such that children may not pull the cables and possibly cause injury.

## CAUTION

### MAINTAIN GOOD VENTILATION

Ventilation slots are provided to keep the monitor from overheating. Covering the slots may cause fire. To allow adequate air circulation, place the monitor at least 10cm (or 4 inches) from any walls. When removing the tilt stand, the ventilation slots on the back side of the monitor can be blocked. This may overheat the monitor and may cause fire or damage. Make sure to allow enough ventilation when removing the tilt stand. Operating the monitor on its back, side, upside down or on a carpet or any other soft material may also cause damage.

### DISCONNECT THE CABLES WHEN YOU MOVE THE MONITOR

When you move the monitor, turn off the power switch, unplug the monitor and be sure the signal cable is disconnected. If you do not disconnect them, it may cause fire or electric shock.

### UNPLUG THE MONITOR

If the monitor is not in use for a long period of time it is recommended that it is left unplugged to avoid accidents.

### HOLD THE PLUG WHEN DISCONNECTING

To disconnect the power cable or signal cable, always pull it by the plug. Never pull on the cable itself as this may cause fire or electric shock.

### DO NOT TOUCH THE PLUG WITH WET HANDS

Pulling or inserting the plug with wet hands may cause electric shock.

### WHEN YOU INSTALL THE MONITOR ON YOUR COMPUTER

Be sure the computer is strong enough to hold the weight of the monitor, otherwise, you may damage your computer.

### CAREFUL! PROTECT YOUR HANDS AND FINGERS

- Be careful not to hurt your fingers or hands when you change the height or the angle.
- Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height.

### REMARK FOR 24/7 USAGE

This product is not specifically designed for 24/7 usage in all environments.

### REMARK SPECIFIC TO DESKTOP USE

This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.

### DO NOT TILT THE MONITOR DOWNWARD TOO FAR

To avoid potential screen damage such as LCD panel peeling from the bezel, ensure that the monitor does not tilt downward beyond its adjustable range.

### DO NOT USE ALCOHOL OR DISINFECTANTS ON THE MONITOR

Do not spray alcohol or disinfectants directly onto the monitor or use them near the monitor. Also, do not wipe the monitor with a cloth or sheet that contains alcohol or disinfectants. These may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the LCD panel, and deterioration of components.

## OTHERS

### ERGONOMIC RECOMMENDATIONS

To eliminate eye fatigue, do not operate the monitor against a bright background or in a dark room. For optimal viewing comfort, the monitor should be just below eye level and 40-60cm (16-24 inches) away from your eyes. When using the monitor over a prolonged time, a ten minute break every hour is recommended as looking at the screen continuously can cause eye strain.

## SPECIAL NOTES ON LCD MONITORS

The following symptoms are normal with LCD monitors and do not indicate a problem.

### NOTE

- When you first turn on the LCD monitor, the picture may not fit in the display area because of the type of computer that is used. In this case, adjust the picture position to the correct position.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen can be recovered slowly by changing the image or turning off the Power Switch for some hours.

## CUSTOMER SERVICE

### NOTE

- If you have to return your unit for service and the original packaging has been discarded, please contact your dealer or iiyama service center for advice or replacement packaging.

# CLEANING

## WARNING

- If you drop any materials or liquids such as water into the monitor when cleaning, unplug the power cable immediately and contact your dealer or iiyama service center.
- For safety reasons, turn off the power switch and unplug the monitor before you clean it.

## CAUTION

- Do not spray alcohol or disinfectants directly onto the monitor or use them near the monitor. Also, do not wipe the monitor with a cloth or sheet that contains alcohol or disinfectants. These may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the LCD panel, and deterioration of components.
- To avoid potential damage on the monitor (LCD panel / cabinet / connector terminals) or accessories, never use the following strong solvents or cleaning sheets. These may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the LCD panel, and deterioration of components.

Benzine	Hypochlorous acid water
Thinner	Acidic or alkaline solvents
Alcohol	Wax
Bleach	Abrasives
Peroxide	Office equipment cleaner
Acetone	Glass cleaner
Methylene chloride	Tissue paper
Toluene	Wet tissue
Ammonia	Chemical cloth
Sodium hypochlorite solution (Chlorine bleach)	Cleaning paper
	etc.

## NOTE

- To protect the LCD panel, do not scratch or rub the screen with a hard object.
- Do not leave the LCD panel wet. If water droplets or the like get on it, immediately wipe it off with a dry, soft cloth. Leaving it on may cause discoloration or stains on the LCD panel. In addition, if moisture gets inside the monitor, it may cause damage.
- Touching the cabinet with any product made from rubber or plastic for a long time may cause degeneration or loss of paint on the cabinet.

## Regular care

Gently wipe the cabinet with a soft, dry and clean cloth. If your monitor is particularly dirty, soak the cloth in a mild detergent thoroughly diluted with water, wring it out tightly, and then wipe the dirt off. Then immediately wipe it with a soft, dry cloth.

## Alcohol disinfection

Alcohol disinfection may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the LCD panel, and deterioration of components. Instead, we recommend disinfecting your hands away from the monitor before and after use.

If you absolutely must disinfect the monitor with alcohol, please understand above warnings and cautions in advance. Also, avoid frequent alcohol disinfection.



# BEFORE YOU OPERATE THE MONITOR

## FEATURES

- ◆ Supports Resolutions up to 2560 × 1440
- ◆ High Contrast 1000:1 (Typical), Adv. Contrast Function Available, Brightness 400cd/m<sup>2</sup> (Typical)
- ◆ HDMI2.1 compliant
- ◆ Moving Picture Response Time 1ms
- ◆ Supports AMD FreeSync™ Premium Technology / VRR Technology
- ◆ Flicker - Free
- ◆ Blue Light Reducer
- ◆ Digital Character Smoothing
- ◆ 2 × 4.5W Stereo Speakers
- ◆ Standby Feature
- ◆ VESA Mounting Standard (100mm×100mm) Compliant
- ◆ Keyhole for Security Lock

## CHECKING THE CONTENTS OF THE PACKAGE

The following accessories are included in your package. Check to see if they are enclosed with the monitor. If anything is missing or damaged, please contact your local iiyama dealer or regional iiyama office.

- |                 |                |                           |
|-----------------|----------------|---------------------------|
| ■ Power Cable * | ■ HDMI Cable   | ■ DisplayPort Cable       |
| ■ USB Cable     | ■ Stand-Neck   | ■ Stand-Base with a screw |
| ■ Screwdriver   | ■ Safety Guide | ■ Quick Start Guide       |

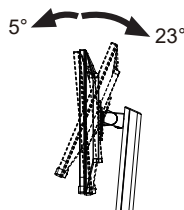
### CAUTION

- \* All guarantees and warranties are void for any problems or damage caused by a power cable not supplied by iiyama.  
An approved power cable greater or equal to H05VVF, 3G, 0.75mm<sup>2</sup> must be used.

## USING ARM OR STAND

### CAUTION

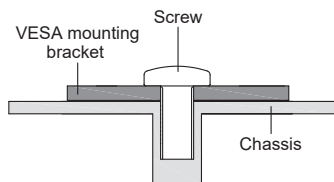
- This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.
- Before installation, make sure the display arm or desk arm stand is strong enough to hold the necessary weight of the monitor and the mount.
- The monitor angle should be within 23° upward and 5° downward. This product cannot be used facing upward or downward beyond this range.
- If the monitor is used (installed) at an angle more than 5° downward, the LCD may peel off from the bezel and fall, resulting in damage. In addition, such cases will not be covered by support or warranty.
- Regularly check the tightness of the screws. If the screws are not tight enough, the monitor may come off and cause injury or damage.



### [ DISPLAY ARM OR DESK ARM STAND ]

#### CAUTION

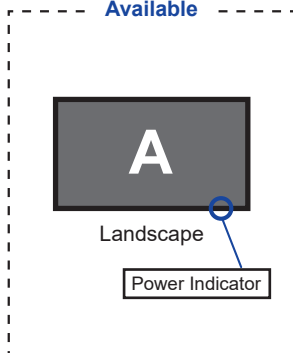
When using a display arm or desk arm stand, consider the thickness of the VESA mounting bracket and use four M4×14mm screws to secure it to the monitor. Ensure all screws are tightened and secured properly. Using screws longer than this may cause electric shock or damage by contacting the electrical parts inside the monitor. For this product, the VESA mounting bracket is assumed to be a maximum thickness of 2.5mm.



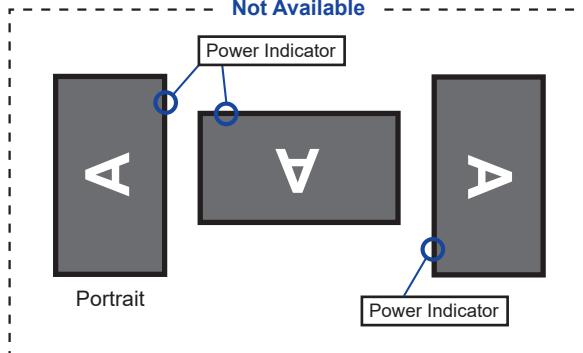
### [ LANDSCAPE MODE ]

This monitor can only be used in landscape. Do not rotate or operate the monitor in any other orientation than landscape.

#### Available



#### Not Available



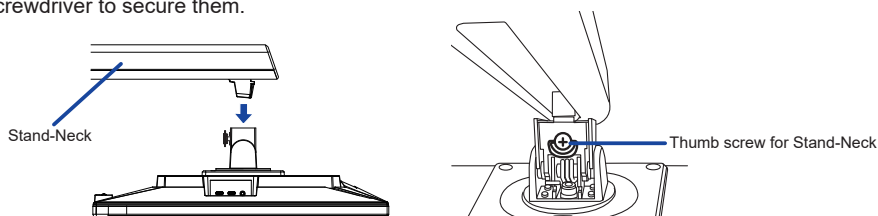
## FITTING AND REMOVAL OF STAND

### CAUTION

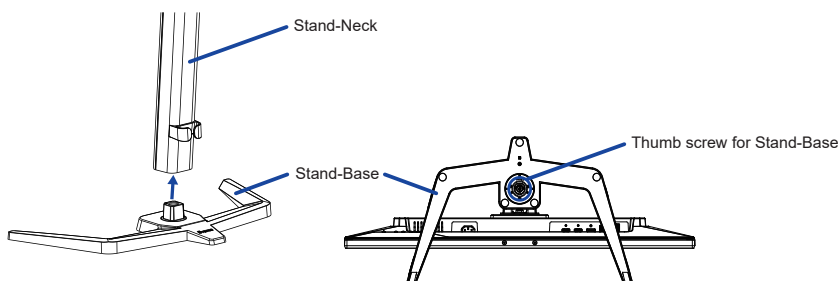
- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.
- Regularly check the tightness of the screws. If the screws are not tight enough, the monitor may come off and cause injury or damage.

### <Installation>

- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ② Install the Stand-Neck to the monitor and then tighten the 'thumb screw' with the provided screwdriver to secure them.



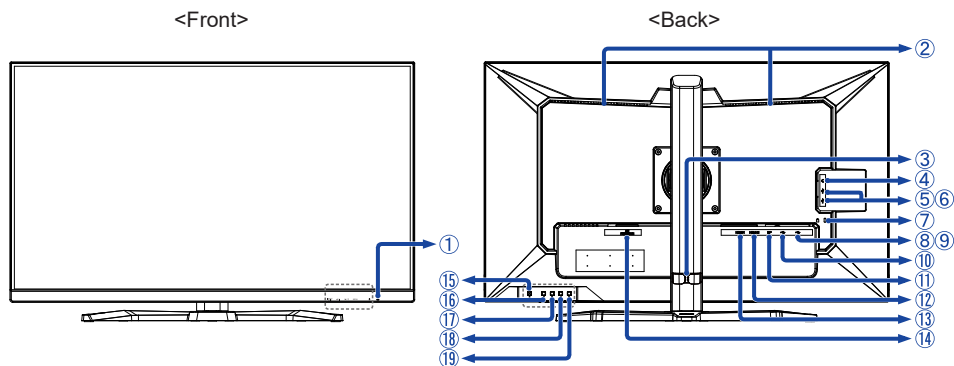
- ③ Install the Stand-Base to the Stand-Neck and then tighten the 'thumb screw' with the provided screwdriver to secure them.



### <Removal>

- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ② Loosen the 'thumb screw' with the provided screwdriver to remove the Stand-Base from the Stand-Neck.
- ③ Loosen the 'thumb screw' with the provided screwdriver to remove the Stand-Neck from the monitor.

# CONTROLS AND CONNECTORS



- ① Power Indicator

**NOTE** Blue: Normal operation  
Orange: Standby mode

- ② Speakers

- ③ Cable Holder

- ④ Headphone Connector ( )

**NOTE** Proper operation of connected external devices other than headphones is not guaranteed.

- ⑤⑥ USB Type-C Downstream Connector ( USB3.2 Gen 1: 5Gbps, 5V, 1.5A)

- ⑦ Keyhole for Security Lock ( )

**NOTE** You can fasten a security lock and cable to prevent the monitor from being removed without your permission.

- ⑧⑨ USB Type-A Downstream Connector ( USB3.2 Gen 1: 5Gbps, 5V, 900mA)

- ⑩ USB Type-B Upstream Connector ( )

- ⑪ DisplayPort Connector (DP)

- ⑫ HDMI Connector (HDMI-2)

- ⑬ HDMI Connector (HDMI-1)

- ⑭ AC Connector ( ~ : Alternating current ) (AC POWER IN)

- ⑮ Power Button ( )

- ⑯ Menu Button (MENU)

- ⑰ Adjust / Volume Button ( ) **Direct**

- ⑱ Adjust / Shortcut Button ( ) **Shortcut**

- ⑲ Input Select / Exit Button (INPUT/EXIT) **Direct**

**Direct** You can skip the Menu items and directly display an option setting screen or an adjustment scale.

**Shortcut** Shortcut menu: Brightness / i-Style Color / Night Mode / Motion Blur Red. / FreeSync Premium

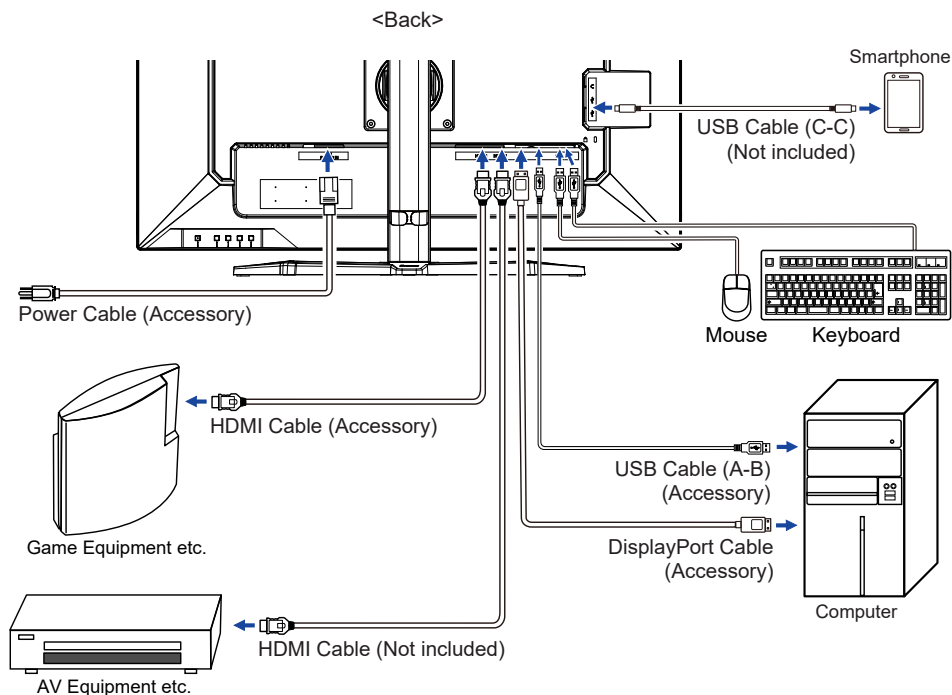
## CONNECTING YOUR MONITOR

- ① Ensure that both the computer and the monitor are switched off.
- ② Connect the computer to the monitor with the signal cable.
- ③ Connect the computer to the monitor with the USB Cable.
- ④ Connect the Power Cable to the monitor first and then to the power source.
- ⑤ Turn on your monitor and computer.

### NOTE

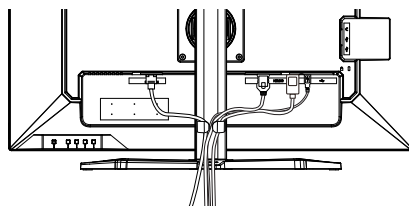
- Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
- The Class I pluggable equipment Type A must be connected to protective earth.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Excessive sound pressure from ear-/headphones can cause hearing damage/hearing loss.

[Example of Connection]



### [ Collect Cables ]

Put the cables through the Cable Holder to bundle them.



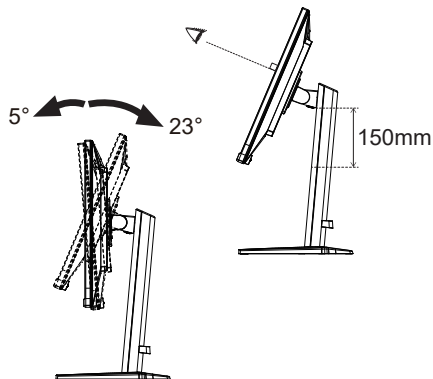
## COMPUTER SETTING

### ■ Signal Timing

Change to the desired signal timing listed on page 30: COMPLIANT TIMING.

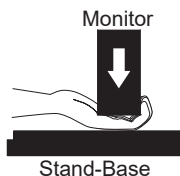
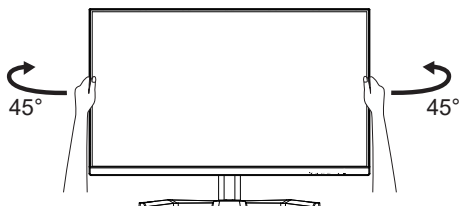
## ADJUSTING THE HEIGHT AND THE VIEWING ANGLE

- For optimal viewing it is recommended to position yourself directly opposite to the full face of the monitor, then adjust the monitor's height and angle to your own preference.
- Hold the panel so that the monitor does not topple when you change the monitor's height or angle.
- You are able to adjust the monitor's height up to 150mm, angle up to 45° right and left, 23° upward and 5° downward.



### NOTE

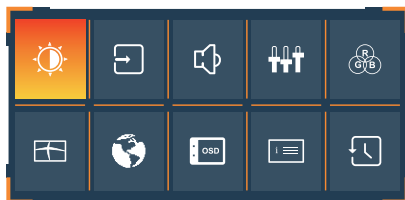
- Do not touch the LCD screen when you change the height or the angle. It may cause damage or break the LCD screen.
- Careful attention is required not to pinch your fingers or hands into the moving part of the stand when you change the angle.
- Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height.



# OPERATING THE MONITOR

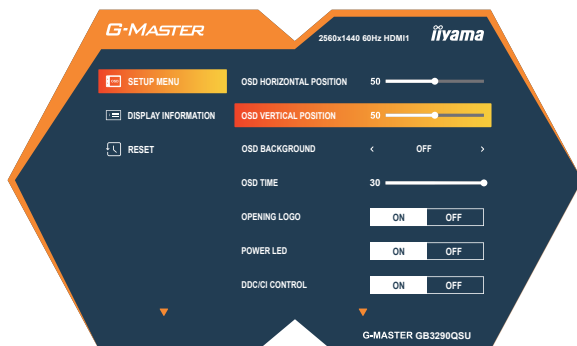
To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 30. You are also able to adjust the picture by following the button operation shown below.

- ① Press the **MENU** Button to start the On Screen Display (OSD) feature. There are additional Menu items which can be switched by using the ◀/▶ Buttons.



- ② Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the **MENU** Button. Then, use the ◀/▶ Buttons to highlight the desired adjustment icon.
- ③ Press the **MENU** Button again. Use the ◀/▶ Buttons to make the appropriate adjustment or setting.
- ④ Press the **EXIT** Button to leave the menu, and the settings you just made would be automatically saved.

For example, to correct for OSD vertical position, select Menu item of Setup Menu and press the **MENU** Button. Then, select "OSD Vertical Position" by using the ◀/▶ Buttons and press the **MENU** Button. Use the ◀/▶ Buttons to change the OSD vertical position settings. The OSD vertical position should be changing accordingly while you are doing this.



When you press the **EXIT** Button to end the adjustment, all changes are saved in the memory.

## NOTE

- When button operations are aborted during adjustment, On-Screen Display disappears when the time set for the OSD Time has passed. Also, the **EXIT** Button can be used to return previous menu and turn off the On-Screen Display.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.

## ADJUSTMENT MENU CONTENTS



### Picture Adjust <sup>\*1</sup>



Adjustment Item	Problem / Option		Button to press
Contrast	Too dull Too intense		
Brightness <sup>*2</sup> <b>Shortcut</b>	Too dark Too bright		
Overdrive	Off / 1 / 2 / 3 / 4 / 5 Improve the gray level response time of the LCD panel. A higher level results in a faster response time.		
HDR	On	For HDR (High Dynamic Range) signal	
	Off	For normal signal	
FreeSync Premium <b>Shortcut</b>	On	Enable FreeSync Premium function.	
	Off	Disable FreeSync Premium function.	
Adv. Contrast	On	Increased Contrast Ratio	
	Off	Typical Contrast Ratio	
Night Mode <b>Shortcut</b>	Off	Normal	
	Mode 1	Brightness of back-light is reduced.	
	Mode 2	Brightness of back-light is reduced more than Mode 1.	
	Mode 3	Brightness of back-light is reduced more than Mode 2.	
Blue Light Reducer	Off	Normal	
	Mode 1	Blue light is reduced.	
	Mode 2	Blue light is reduced more than Mode 1.	
	Mode 3	Blue light is reduced more than Mode 2.	
Motion Blur Red. <b>Shortcut</b>	Off / 1 / 2 / 3 / 4 / 5 / 6 / 7 Reduce motion blur on the LCD panel. Available only when the refresh rate is 100Hz or more.		
Gamma	1.8	High contrast	
	2.2	Normal	
	2.6	Dark	

<sup>\*1</sup> Selected adjustments and settings may not be possible due to other items that are enabled. See page 14 **Function Correlation Matrix**<sup>1</sup> for more details.

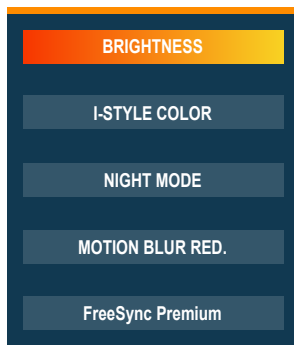
<sup>\*2</sup> Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.



## Shortcut

You can take a shortcut to the specific menu by the following operations.

- Brightness: Press the **i** Button with no Menu displayed and select “Brightness”.
- FreeSync Premium: Press the **i** Button with no Menu displayed and select “FreeSync Premium”.
- Night Mode: Press the **i** Button with no Menu displayed and select “Night Mode”.
- Motion Blur Reduction: Press the **i** Button with no Menu displayed and select “Motion Blur Reduction”.



# ■ Function Correlation Matrix 1

Selected menu		Picture Adjust									
Active menu		Contrast	Brightness	Overdrive	HDR	FreeSync Premium	Adv. Contrast	Night Mode	Blue Light Reducer	Motion Blur Red.	Gamma
Picture Adjust	HDR	✓	✓	✓		✓	—	—	—	—	—
	FreeSync Premium	✓	✓	✓	✓		✓	✓	✓	—	✓
	Adv. Contrast	✓	—	✓	✓	✓		—	—	—	✓
	Night Mode	✓	—	✓	✓	✓	—		—	—	✓
	Blue Light Reducer	✓	—	✓	✓	✓	—	—		—	✓
	Motion Blur Red.	✓	✓	✓	—	✓	—	—	—		✓
Image Adjust											
	i-Style Color (Preset modes)	—	—	—	✓	✓	—	—	—	—	✓
	i-Style Color (User modes)	✓	✓	✓	✓	✓	✓	✓	✓	—	✓
	X-Res Technology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Direct Drive Mode	✓	✓	✓	—	—	✓	✓	✓	—	✓

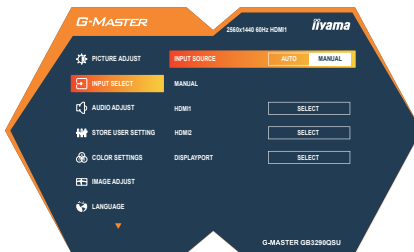
✓ : Available

— : Not available



## Input Select

### Direct



Adjustment Item		Option	
Input Source	Auto	Select the signal input automatically.	
	Manual	HDMI 1	Select the Digital (HDMI 1) input.
		HDMI 2	Select the Digital (HDMI 2) input.
		DisplayPort	Select the Digital (DisplayPort) input.

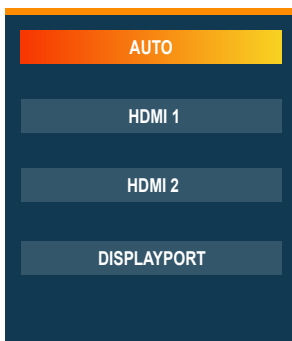
NOTE


Auto option enables automatic selection of the input sources available. The input source from the computer in standby mode can not be selected. If you manually select one of the input sources, the other source is not automatically selected.


### Direct





You can skip the Menu items and directly display an option setting screen by using the following button operations.

- Input Select: Press the INPUT Button when the Menu is not displayed.





**Audio Adjust**

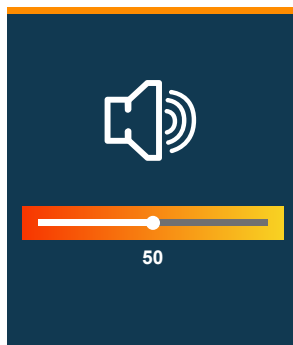



Adjustment Item	Problem / Option	Button to Press
Volume <b>Direct</b>	Too soft Too loud	   
Mute <b>Direct</b>	On	Turn off the sound temporarily.
	Off	Return the sound volume to the previous level.

## Direct

You can skip the Menu items and directly display an adjustment scale by using the following button operations.

- Volume: Press the  Button when the Menu is not displayed.



- Mute: Keep pressing the  Button for about 4 seconds when the Menu is not displayed.  
Mute and Unmute are switched by repeating the above button operation.



## Store User Setting



Adjustment Item	Option	
User Modes	User Mode 1	Save the settings of the screen adjustment.
	User Mode 2	Save the settings of the screen adjustment.
	User Mode 3	Save the settings of the screen adjustment.

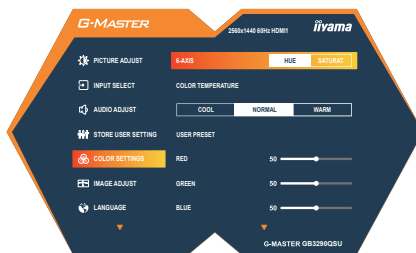
### NOTE















The monitor memorizes your customized settings below. Those settings can be invoked from "i-Style Color" menu of "Image Adjust" later.

Contrast, Brightness, Overdrive, HDR, FreeSync Premium, Adv. Contrast, Night Mode, Blue Light Reducer, Motion Blur Red., Gamma, Volume, Color Settings, X-Res Technology, Sharpness, Direct Drive Mode, Video Mode Adjust

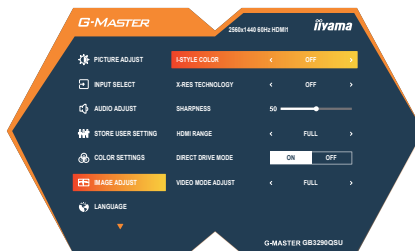



## Color Settings



Adjustment Item	Problem / Option		Button to Press	
6-Axis	Hue	Red	Too weak Too strong	   
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
	Saturat.	Red	Too weak Too strong	   
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
Color Temperature *	Cool	Cool color		
	Normal	Normal color		
	Warm	Warm color		
User Preset *	Red	Too weak Too strong	   	
	Green			
	Blue			
Black Tuner *	From -5 to +5		 	
	You can adjust Dark shades.			

\* Selected adjustments and settings may not be possible due to other items that are enabled. See page 21 **Function Correlation Matrix2** for more details.



Adjustment Item	Problem / Option		Button to Press
i-Style Color <b>Shortcut</b>	Off	Return to a state set by color adjustment except i-Style Color.	
	Standard	For general windows environment and monitor default setting.	
	Sport Game	For Sports game environment.	
	FPS Game	For FPS game environment.	
	Strategy Game	For Strategy game environment.	
	Text	For text editing and viewing in a word processing environment.	
	User Mode 1	Apply customized monitor settings.	
	User Mode 2	Apply customized monitor settings.	
	User Mode 3	Apply customized monitor settings.	
X-Res Technology *1,3	Off	Normal	
	Soft	Enhance the picture edge.	
	Middle	Enhance the picture edge more than the Soft option.	
	Hard	Enhance the picture edge more than the Middle option.	
Sharpness *3	You can change the picture quality from 0 to 100 (soft to sharp). Press the ► Button to change the picture quality in numerical order. Press the ◀ Button to change the picture quality in reverse numerical order. Adjust the picture quality at resolutions of less than 2560 × 1440.		
HDMI Range *1,2	Full	For full-range color scale signal.	
	Limited	For limited color scale signal.	
Direct Drive Mode *1,3	On	Reduce the input-lag.	
	Off	Typical	
<b>NOTE</b> Changing Resolution and Refresh rate or turning Power Off/On might disable the Direct Drive Mode function.			



## Image Adjust



Adjustment Item	Option	
Video Mode Adjust <sup>*3</sup>	Full	Expansion display
	Aspect <sup>*4</sup>	Expansion display of Aspect
	Dot by Dot <sup>*5</sup>	Display the picture dot by dot.
	17	Display the picture as 17 inch screen (5 : 4).
	19	Display the picture as 19 inch screen (5 : 4).
	19.5	Display the picture as 19.5 inch screen (16 : 9).
	21.5	Display the picture as 21.5 inch screen (16 : 9).
	23	Display the picture as 23 inch screen (16 : 9).
	24	Display the picture as 24 inch screen (16 : 9).
	27	Display the picture as 27 inch screen (16 : 9).

<sup>\*1</sup> Disabled when HDR is active.

<sup>\*2</sup> Available for HDMI input only. This may not function depending on the device you connect.

<sup>\*3</sup> Selected adjustments and settings may not be possible due to other items that are enabled. See page 21 **Function Correlation Matrix2** for more details.

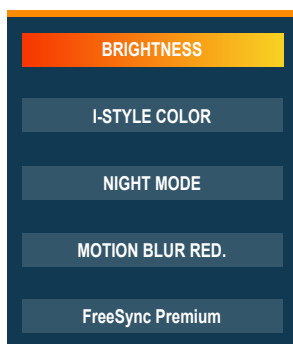
<sup>\*4</sup> Available only in 4:3 and 5:4 resolutions.

<sup>\*5</sup> Available only when the resolution is less than 2560 × 1440.

### Shortcut

You can take a shortcut to the specific menu by the following operations.

- i-Style Color: Press the **i** Button with no Menu displayed and select “i-Style Color”.





# ■ Function Correlation Matrix 2

Selected menu		Color Settings			Image Adjust			
Active menu		Color Temperature	User Preset	Black Tuner	X-Res Technology	Sharpness	Direct Drive Mode	Video Mode Adjust
Picture Adjust	HDR	—	—	—	—	✓	—	—
	FreeSync Premium	✓	✓	✓	✓	✓	—	—
	Adv. Contrast	✓	✓	✓	✓	✓	—	—
	Night Mode	✓	✓	✓	✓	✓	—	—
	Blue Light Reducer	—	—	✓	✓	✓	✓	✓
	Motion Blur Red.	✓	✓	—	✓	✓	✓	✓
Image Adjust	i-Style Color (Preset modes)	—	—	—	✓	✓	—	—
	i-Style Color (User modes)	✓	✓	✓	✓	✓	—	—
	X-Res Technology	✓	✓	✓	/		✓	✓
	Direct Drive Mode	✓	✓	✓			✓	—

✓ : Available  
 — : Not available


**Language**



**G-MASTER**  
 2552x1440 60Hz HDR1  
*livama*  
 PICTURE ADJUST **ENGLISH** Deutsch  
 INPUT SELECT Español Français  
 AUDIO ADJUST Italiano (HDMI)  
 STORE USER SETTING Nederlands Polski  
 COLOR SETTINGS Русский Český  
 IMAGE ADJUST  
**LANGUAGE**  
 G-MASTER GB329QBU

Option			
English	English	日本語	Japanese
Deutsch	German	Nederlands	Dutch
Español	Spanish	Polski	Polish
Français	French	Русский	Russian
Italiano	Italian	Česky	Czech



## Setup Menu



Adjustment Item	Problem / Option		Button to Press
OSD Horizontal Position	OSD is too left OSD is too right		← → ← →
OSD Vertical Position	OSD is too low OSD is too high		↑ ↓ ↑ ↓
OSD Background	Off / 1 / 2 / 3 / 4 Change the transparency of the OSD background. A higher level results in a higher transparency.		← → ← →
OSD Time	You can set the OSD display duration time between 5 and 30 seconds.		← → ← →
Opening Logo	On	G-MASTER Logo is displayed when the monitor is turned on.	
	Off	G-MASTER Logo is not displayed when the monitor is turned on.	
Power LED	On	The Power Indicator is turned On.	
	Off	The Power Indicator is turned Off.	
<b>NOTE</b> Turn Off the Power Indicator when you are bothered by the light.			
DDC/CI Control	On	DDC/CI is On.	
	Off	DDC/CI is Off.	
USB Charge	On	USB devices can be charged even when the monitor is in the standby mode.	
	Off	USB devices can not be charged when the monitor is in the standby mode.	
<b>NOTE</b> When the monitor is turned off, USB devices cannot be charged even when the USB Charge function is on.			
HDMI2.1 * <sup>1</sup>	On	Default	
	Off	If you see abnormal images, select Off.	
<b>NOTE</b> Turning off this function will also turn off DSC Compression.			
DSC Compression * <sup>2</sup>	On	Default	
	Off	If you see abnormal images, select Off.	

\*<sup>1</sup> Available for HDMI input only.

Selecting Off will restrict the supported signal timings. See COMPLIANT TIMING on page 30.

\*<sup>2</sup> DSC = Display Stream Compression

For DisplayPort input, selecting Off will disable 8-bit color display. See COMPLIANT TIMING on  
page 35.



## Display Information



Adjustment Item

Option

Display Information

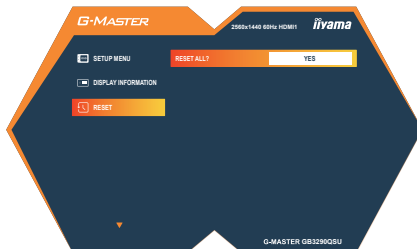
Displays information regarding the current input signal coming from the graphic card in your computer.

### NOTE

See your graphic card user guide for more information about changing the resolution and refresh.



## Reset



Adjustment Item

Option

Reset All?

Yes

Factory-preset data is restored.

## ● Lock Mode

### <OSD Menu>

1. The OSD lock will be activated by pressing the MENU Button for about 5 seconds. If you try to access the OSD by pressing any of the buttons, message "OSD LOCKED" will appear on the screen.
2. The OSD lock will be deactivated by pressing the MENU Button again for about 5 seconds.

### <Power Button>

1. The Power Button lock will be activated by pressing the INPUT/EXIT Button for about 5 seconds. Locking the Power Button means that won't be able to turn off the Monitor while the Power Button is locked. If you press the Power Button, message "POWER BUTTON LOCKED" will appear on the screen.
2. The Power Button lock will be deactivated by pressing the INPUT/EXIT Button again for about 5 seconds.

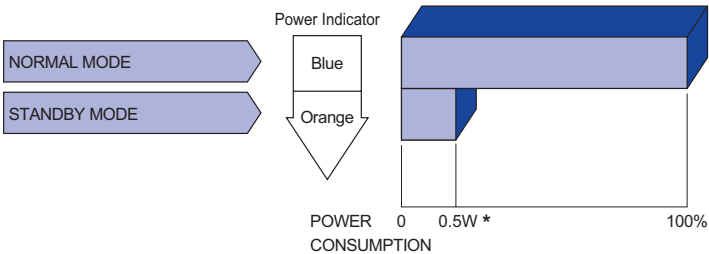
# STANDBY FEATURE

This product features the standby function. When activated, it automatically reduces unnecessary power consumption of the monitor when your computer is not in use.

There is a standby step the monitor takes as described below. The standby function, including any timer settings is configured by the operating system. Check your operating system manual for information on how this can be configured.

## ■ Standby Mode

When the video signal from the computer is off, the monitor enters into Standby Mode which reduces the power consumption to 0.5W or less\*. The screen becomes dark, and the power indicator turns to orange. From Standby Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.



\* When the USB devices are not connected.

## TROUBLE SHOOTING

If the monitor fails to operate correctly, please follow the steps below for a possible solution.

1. Perform the adjustments described in OPERATING THE MONITOR, depending on the problem you have. If the monitor does not get a picture, skip to 2.
2. Consult the following items if you cannot find an appropriate adjustment item in OPERATING THE MONITOR or if the problem persists.
3. If you are experiencing a problem which is not described below or you cannot correct the problem, discontinue using the monitor and contact your dealer or iiyama service center for further assistance.

Problem		Check
①	The picture does not appear.	
	(Power indicator does not light up.)	<input type="checkbox"/> The Power Cable is firmly seated in the socket. <input type="checkbox"/> The Power Switch is turned ON. <input type="checkbox"/> The AC socket is live. Please check with another piece of equipment.
	(Power indicator is blue.)	<input type="checkbox"/> If the blank screen saver is in active mode, touch the keyboard or the mouse. <input type="checkbox"/> Increase the Contrast and/or Brightness. <input type="checkbox"/> The computer is ON. <input type="checkbox"/> The Signal Cable is properly connected. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor
	(Power indicator is orange.)	<input type="checkbox"/> If the monitor is in standby mode, touch the keyboard or the mouse. <input type="checkbox"/> The computer is ON. <input type="checkbox"/> The Signal Cable is properly connected. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor.
②	The screen is not synchronized.	<input type="checkbox"/> The Signal Cable is properly connected. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor.
③	The screen position is not in the center.	<input type="checkbox"/> The signal timing of the computer is within the specification of the monitor.
④	The screen is too bright or too dark.	<input type="checkbox"/> The video output level of the computer is within the specification of the monitor.
⑤	The screen is shaking.	<input type="checkbox"/> The power voltage is within the specification of the monitor. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor.
⑥	No sound.	<input type="checkbox"/> The audio equipment (computer etc.) is ON. <input type="checkbox"/> The Volume is turned up. <input type="checkbox"/> The Mute is OFF. <input type="checkbox"/> The audio output level of the audio equipment is within the specification of the monitor.
⑦	The sound is too loud or too quiet.	<input type="checkbox"/> The audio output level of the audio equipment is within the specification of the monitor.

## RECYCLING INFORMATION

For better environment protection please don't dispose your monitor.  
Please visit our web site: <https://iiyama.com> for monitor recycling.



## APPENDIX

Design and specifications are subject to change without prior notice.

### SPECIFICATIONS : G-MASTER GB3290QSU-B1

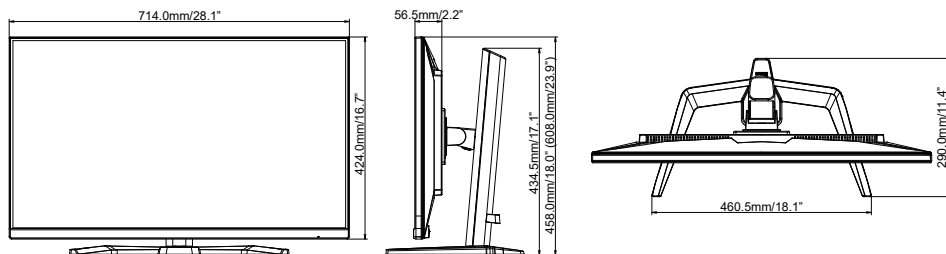
Size Category		32"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 31.5" (80cm)
	Pixel pitch	0.272mm H × 0.272mm V
	Brightness	400cd/m <sup>2</sup> (Typical), 175cd/m <sup>2</sup> (Default / Energy Saving)
	Contrast ratio	1000 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Left / Right: 89° each, Up / Down: 89° (Typical)
	MPRT	1ms
Display Colors		Approx. 1.07B
Sync Frequency		HDMI: Horizontal: 15.0-225.0kHz, Vertical: 24-30,48-240Hz DisplayPort: Horizontal: 15.0-400.0kHz, Vertical: 24-30,48-240Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Supported max. resolution		HDMI: 2560 × 1440, 240Hz DisplayPort: 2560 × 1440, 240Hz
Input Connector		HDMI × 2, DisplayPort × 1
Input Video Signal		HDMI, DisplayPort
USB Standard		USB3.2 Gen 1 (5Gbps)
Number of USB Ports		1 Upstream: Type-B
Connector shape		4 Downstream: Type-A (DC5V, 900mA) × 2, Type-C (DC5V, 1.5A) × 2
Headphone Connector <sup>*1</sup>		ø 3.5mm mini jack (Stereo)
Speakers		4.5W × 2 (Stereo speakers)
Maximum Screen Size		698.1mm W × 392.7mm H / 27.5" W × 15.5" H
Power Source		100-240VAC, 50/60Hz, 1.2A
Power Consumption <sup>*2</sup>		40W (Typical), 30W (Default / Energy Saving) Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions		714.0 × 458.0 - 608.0 × 290.0mm / 28.1 × 18.0 - 23.9 × 11.4" (W×H×D)
Net Weight		9.2kg / 20.3lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23°, Downward: 5° Swivel: Left / Right: 45° each
Environmental Considerations		Operating: Temperature 5 to 35°C / 41 to 95°F Humidity 10 to 80% (No condensation) Storage: Temperature -20 to 60°C / -4 to 140°F Humidity 10 to 90% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

#### NOTE

<sup>\*1</sup> Proper operation of connected external devices other than headphones is not guaranteed.

<sup>\*2</sup> When the USB devices are not connected.

## DIMENSIONS



( ) : Maximum adjustment range

## COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock
800 × 600	37.879kHz	60.317Hz	40.000MHz
	46.875kHz	75.000Hz	49.500MHz
1024 × 768	48.363kHz	60.004Hz	65.000MHz
	60.023kHz	75.029Hz	78.750MHz
1280 × 1024	63.981kHz	60.020Hz	108.000MHz
	79.976kHz	75.025Hz	135.000MHz
1920 × 1080	66.590kHz	59.930Hz	138.500MHz
	135.000kHz	120.000Hz	297.000MHz
	270.000kHz	240.000Hz	594.000MHz
2560 × 1440	88.787kHz	59.951Hz	241.500MHz
	183.000kHz	120.000Hz	497.760MHz
	218.290kHz	143.990Hz	593.750MHz
	357.600kHz	240.000Hz	972.670MHz

\*1,2

### NOTE

\*1 10-bit color cannot be displayed by turning off the DSC Compression function when using DisplayPort input. (DisplayPort only)

\*2 Not support when HDMI2.1 is off. (HDMI only)

Console	1080p (1920×1080)	1440p (2560×1440)	2160p (3840×2160)
PS5	60 / 120Hz	60 / 120Hz	60 / 120Hz
Xbox Series X/S	60 / 120Hz	60 / 120Hz	60 / 120Hz