

# USER MANUAL

# ***G-MASTER***

## LCD Monitor

ENGLISH

### ***G-MASTER GCB3481WQSU***

Thank you very much for choosing the iiyama LCD monitor.

We recommend that you take a few minutes to read this comprehensive manual carefully 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 characterised by their connection to the public low voltage power supply system.

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

Model No. : PL3481WQ



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 GCB3481WQSU-B1 : 1946425



# TABLE OF CONTENTS

FOR YOUR SAFETY.....	1
SAFETY PRECAUTIONS.....	1
SPECIAL NOTES ON LCD MONITORS.....	3
CUSTOMER SERVICE .....	3
CLEANING .....	3
BEFORE YOU OPERATE THE MONITOR.....	4
FEATURES.....	4
CHECKING THE CONTENTS OF THE PACKAGE .....	4
USING ARM OR STAND .....	5
FITTING AND REMOVAL OF STAND .....	6
CONTROLS AND CONNECTORS.....	8
CONNECTING YOUR MONITOR.....	9
COMPUTER SETTING .....	10
ADJUSTING THE HEIGHT AND THE VIEWING ANGLE .....	10
OPERATING THE MONITOR.....	11
ADJUSTMENT MENU CONTENTS .....	12
STANDBY FEATURE .....	25
TROUBLE SHOOTING .....	26
RECYCLING INFORMATION.....	27
APPENDIX .....	28
SPECIFICATIONS : G-MASTER GCB3481WQSU-B1 .....	28
DIMENSIONS.....	29
COMPLIANT TIMING .....	29



# 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.

### 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.

### 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.

## 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 monitor 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.

### CAUTION

- For safety reasons, turn off the power switch and unplug the monitor before you clean it.

### NOTE

- To protect the LCD panel, do not scratch or rub the screen with a hard object.
- Never use any of the following strong solvents. These will damage the cabinet and the LCD screen.

Thinner	Spray-type cleaner
Benzine	Wax
Abrasive cleaner	Acid or Alkaline solvent

- 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.

### CABINET

Stains can be removed with a cloth lightly moistened with a mild detergent solvent. Then wipe the cabinet with a soft dry cloth.

### LCD

Periodic cleaning with a soft dry cloth is recommended.

### SCREEN

Don't use tissue paper etc. because these will damage the LCD screen.



# BEFORE YOU OPERATE THE MONITOR

## FEATURES

- ◆ Supports Resolutions up to 3440 × 1440
- ◆ High Contrast 4000:1 (Typical), Advanced Contrast Function Available, Brightness 500cd/m<sup>2</sup> (Typical)
- ◆ Moving Picture Response Time 0.3ms
- ◆ Supports FreeSync™ Premium Technology
- ◆ Supports HDR400
- ◆ Flicker - Free
- ◆ Blue Light Reducer
- ◆ Digital Character Smoothing
- ◆ 2 × 2W 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

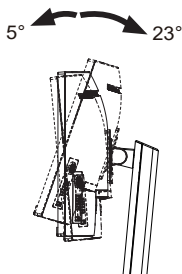
- \* All guarantees and warranties are void for any problems or damage caused by a power cable not supplied by iiyama.  
An approved power cable greater or equal to H05VVf, 3G, 0.75mm<sup>2</sup> must be used.



## USING ARM OR STAND

### CAUTION

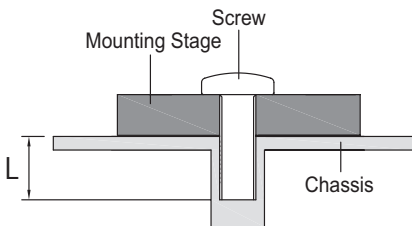
- This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.
- Before installation, make sure the display arm or desk arm stand is strong enough to hold the necessary weight of the monitor and the mount.
- Panel angle adjustment range : 23° upward and 5° downward
- This product cannot be used with the monitor screen facing downward/upward.



## [ DISPLAY ARM OR DESK ARM STAND ]

### CAUTION

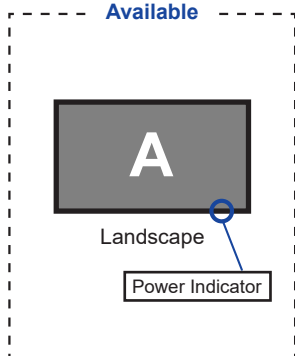
- When you use with the display arm or desk arm stand, in consideration of thickness of the mounting stage, tighten the M4 Screws (4pcs) which "L" length is 10mm to fasten the monitor. Using the screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.



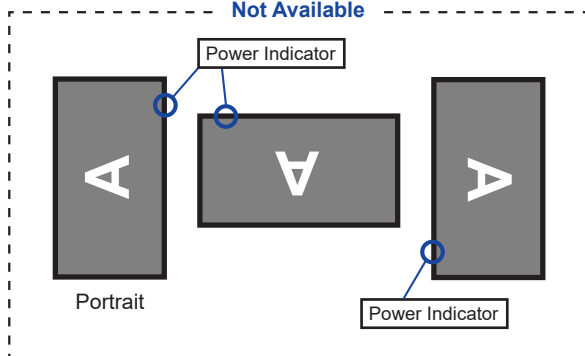
## [ LANDSCAPE MODE ]

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

### Available



### Not Available





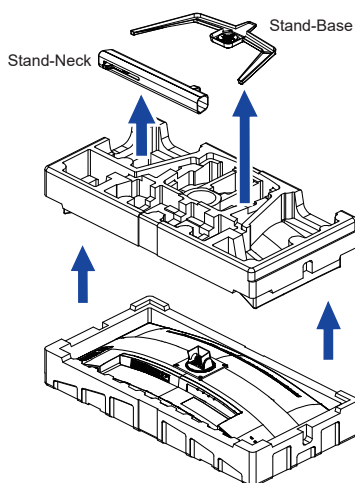
## FITTING AND REMOVAL OF STAND

### CAUTION

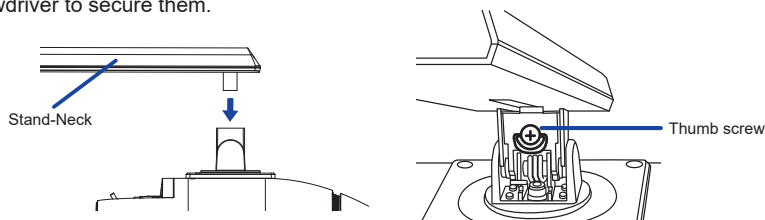
- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.

### <Installation>

- ① As shown below, place all the contents taken out from the carton box on a flat surface with the monitor front face down.
- ② Take off the rear cushion, Stand-Neck and Stand-Base.

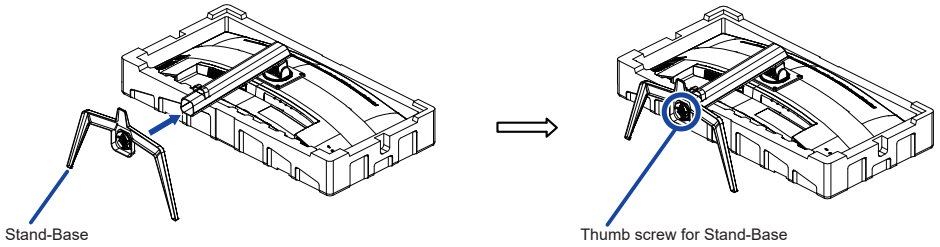


- ③ Install the Stand-Neck to the monitor and then tighten the 'thumb screw' with the provided screwdriver to secure them.

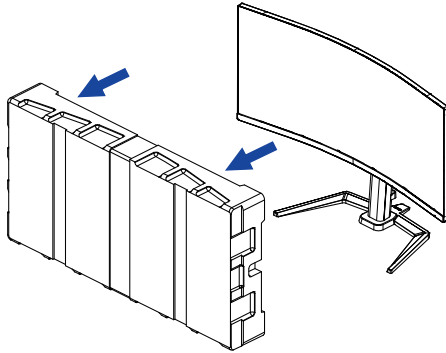




- ④ Install the Stand-Base to the Stand-Neck and then tighten the 'thumb screw' with the provided screwdriver to secure them.



- ⑤ Stand the monitor and then remove the front cushion.

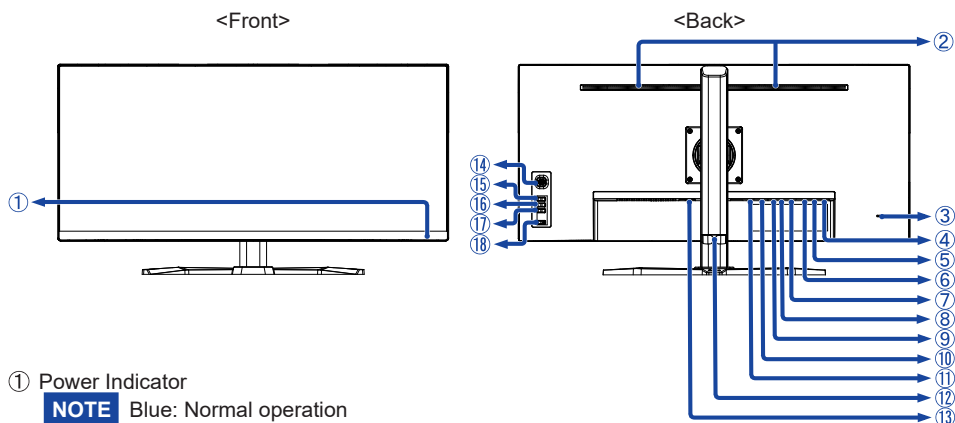


### <Removal>

- ① Put the front cushion on a flat surface and place the monitor with face down on it.
- 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 Keyhole for Security Lock

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

- ④ USB Upstream Connector ( )

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

- ⑥ USB Downstream Connector ( USB3.2 Gen 1: 5Gbps, 5V, 900mA)

- ⑦ Headphone Connector ( )

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

- ⑧ DisplayPort Connector (DP-1)

- ⑨ DisplayPort Connector (DP-2)

- ⑩ HDMI Connector (HDMI-1)

- ⑪ HDMI Connector (HDMI-2)

- ⑫ Cable Holder

- ⑬ AC Connector ( ~ : Alternating current)

- ⑭ Joystick

Menu [Center]

Up [ ]

Down [ ]

Left / i-Style Color [ ] \*<sup>1,2</sup>

Right / Night Mode [ ] \*<sup>1,2</sup>

- ⑮ Input Select Button (INPUT) \*<sup>1</sup>

- ⑯ Volume + Button (VOL +) \*<sup>1</sup>

- ⑰ Volume - Button (VOL -) \*<sup>1</sup>

- ⑱ Power Button ( )

\*<sup>1</sup> You can skip the Menu items and directly display an option setting screen or an adjustment scale.

\*<sup>2</sup> Direction when viewing the screen from the front



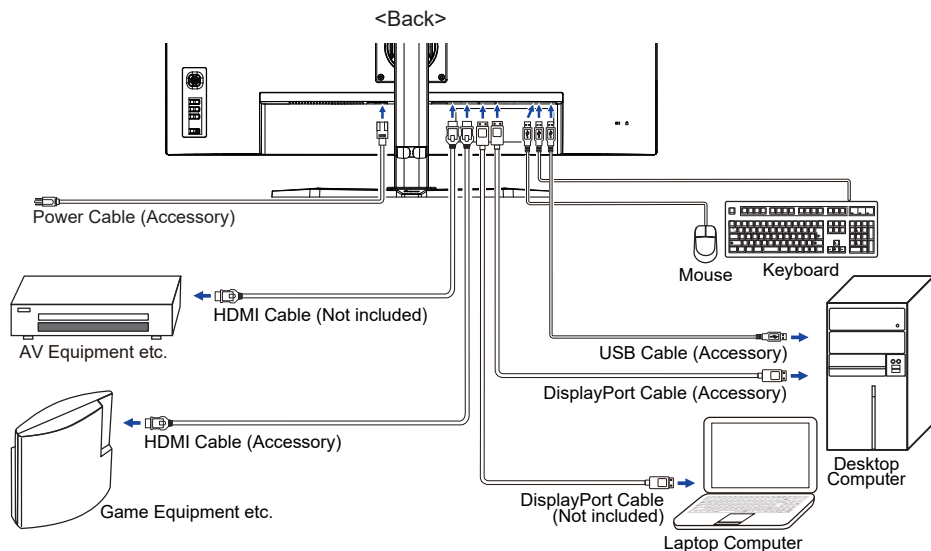
## CONNECTING YOUR MONITOR

- 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

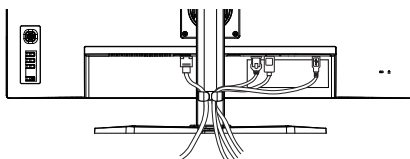
- Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied 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

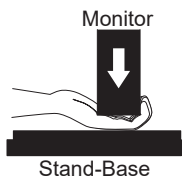
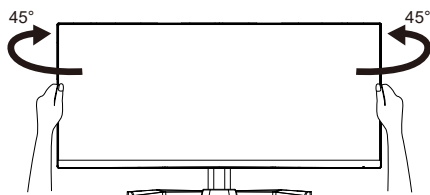
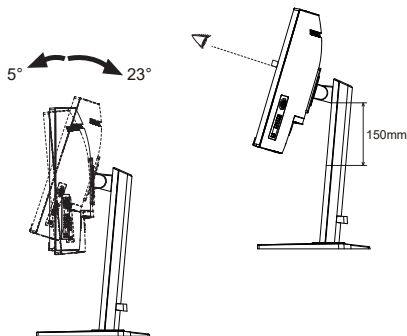
Change to the desired signal timing listed on page 29: COMPLIANT TIMING.

## 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 height or 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 29. You are also able to adjust the picture by following the operation shown below.

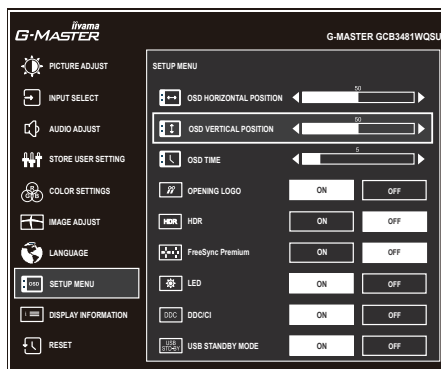
- 1 Press the Joystick [Center] on the monitor to start the On Screen Display feature. There are additional Menu items which can be switched by tilting the Joystick [↔/↕].



- 2 Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the Joystick. Then, tilt the Joystick [↕/↔] to highlight the desired adjustment icon.
- 3 Press the Joystick again. Tilt the Joystick [↔/↕] to make the appropriate adjustment or setting.
- 4 Press the Joystick and then tilt it [↔] or press the INPUT 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 then press the Joystick. Then, select **OSD Vertical Position** by tilting the Joystick [↕/↔].

An adjustment scale becomes active after you press the Joystick. Then, tilt the Joystick [↔/↕] to change the OSD vertical position settings. The OSD vertical position of the overall display should be changing accordingly while you are doing this.



Press the Joystick and finally tilt it [↔] or press the INPUT Button to close the On Screen Display feature. All changes are saved in the memory.

- NOTE**
- When the Joystick operations are aborted during adjustment, On-Screen Display disappears when the time set for the **OSD Time** has passed. Also, tilting the Joystick [↔] or pressing the INPUT 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 \*1



Adjustment Item	Problem / Option		Joystick
Contrast	Too dark Too bright		 
Brightness *2	Too dull Too intense		 
Overdrive *3	Off / 1 / 2 / 3 / 4 / 5 It will improve the gray level response time of the LCD panel. A higher level results in a faster response time.		 
Adv. Contrast	On	Increased Contrast Ratio	
	Off	Typical Contrast Ratio	
	Off	Normal	
	Off	Normal	
Night Mode	Mode1	Brightness of back-light is reduced.	
	Mode2	Brightness of back-light is reduced more than Mode1.	
	Mode3	Brightness of back-light is reduced more than Mode2.	
	Off	Typical	
Blue Light Reducer	Mode1	Blue light is reduced.	
	Mode2	Blue light is reduced more than Mode1.	
	Mode3	Blue light is reduced more than Mode2.	
	Off	Typical	
Black Tuner	From -5 to +5 You can adjust Dark shades.		 
MBR *3	Off / 1 / 2 / 3 / 4 / 5 / 6 / 7 Reduces motion blur on the LCD panel. Available only when the refresh rate is 100Hz or more.		 
Gamma	Gamma1		
	Gamma2		
	Gamma3		

\*1 Selected adjustments and settings may not be possible due to other items that are enabled. See page 24 **Function Correlation Matrix** for more details.

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

\*3 Disabled when Direct Drive Mode is not active.



## Direct

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

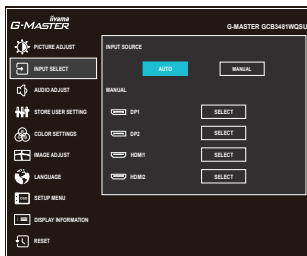
- Night Mode : Tilt the Joystick [↔] when the Menu is not displayed.





## Input Select

### Direct



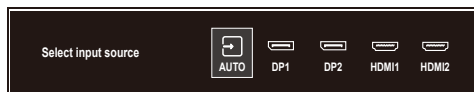
Adjustment Item		Option	
Input Source	Auto	Search for an available input source and select automatically.	
	Manual	DP1	Select the Digital (DisplayPort1) input.
		DP2	Select the Digital (DisplayPort2) input.
		HDMI1	Select the Digital (HDMI1) input.
		HDMI2	Select the Digital (HDMI2) input.

**NOTE** If you manually select one of the input sources, the others are not automatically selected.


### Direct

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

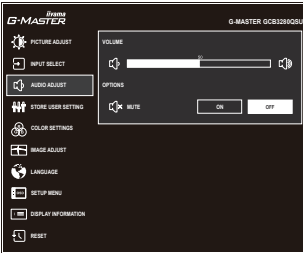
- Input Select : Press the INPUT Button when the Menu is not displayed.











# Audio Adjust



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

## Direct

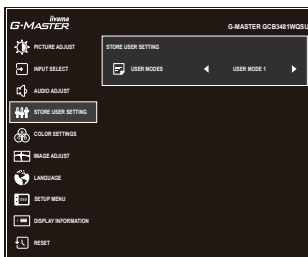
You can skip the Menu items and directly display an adjustment scale by using the following operations.

- Volume : Press the VOL + / VOL – Buttons when the Menu is not displayed.





## Store User Setting

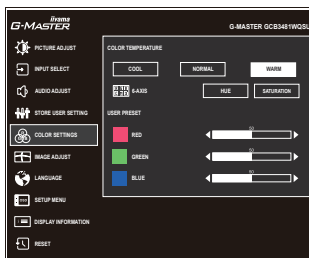








Adjustment Item	Option	
User Modes	User Mode 1	Save the settings of the screen adjustment.
	User Mode 2	Save the settings of the screen adjustment.
	User Mode 3	Save the settings of the screen adjustment.
<p><b>NOTE</b> The monitor memorizes your customized settings below. Those settings can be invoked from "i-Style Color" menu of "Image Adjust" later.</p> <p>Contrast, Brightness, Overdrive, Adv. Contrast, Night Mode, Black Tuner, MBR, Gamma, Volume, Mute, Color Settings, Sharp and Soft, Video Mode Adjust</p>		





## Color Settings \*



Adjustment Item	Problem / Option			Joystick
Color Temperature	Cool	Cool color		
	Normal	Normal color		
	Warm	Warm color		
6-Axis	Hue	Red	Too weak Too strong	 
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
	Saturation	Red	Too weak Too strong	 
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
User Preset	Red	Too weak Too strong	 	
	Green			
	Blue			

\* Disabled when Blue Light Reducer or HDR is active.



## Image Adjust



Adjustment Item	Option Joystick	
i-Style Color <b>Direct</b>	Off	Return to a state set by color adjustment except i-Style Color.
	Standard *1	For general windows environment and monitor default setting
	Sport Game *1	For Sports game environment
	FPS Game *1	For FPS game environment
	Strategy Game *1	For Strategy game environment
	Text *1	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	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.
Sharp and Soft	1 2 3 4 5 6 You can change the picture quality from 1 to 6 (sharp to soft). Tilt [↔] to change the picture quality in numerical order. Tilt [↔] to change the picture quality in reverse numerical order.	
HDMI Range *2	Full	For full-range color scale signal
	Limited	For limited color scale signal
Direct Drive Mode *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.		

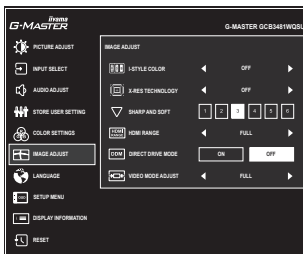
### Direct

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

- i-Style Color: Tilt the Joystick [↔] when the Menu is not displayed.



## Image Adjust



Adjustment Item	Option	
Video Mode Adjust	Full	Expansion display
	Aspect	Expansion display of Aspect
	Dot by Dot <sup>*3</sup>	Display the picture dot by dot.
	17inch <sup>*3</sup>	Display the picture as 17 inch screen (5 : 4).
	19inch <sup>*3</sup>	Display the picture as 19 inch screen (5 : 4).
	19.5inch <sup>*3</sup>	Display the picture as 19.5 inch screen (16 : 9).
	21.5inch <sup>*3</sup>	Display the picture as 21.5 inch screen (16 : 9).
	23inch <sup>*3</sup>	Display the picture as 23 inch screen (16 : 9).
	23.6inch <sup>*3</sup>	Display the picture as 23.6 inch screen (16 : 9).
	23.8inch <sup>*3</sup>	Display the picture as 23.8 inch screen (16 : 9).
	24inch <sup>*3</sup>	Display the picture as 24 inch screen (16 : 9).
	24.5inch <sup>*3</sup>	Display the picture as 24.5 inch screen (16 : 9).
	27inch <sup>*3</sup>	Display the picture as 27 inch screen (16 : 9).

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

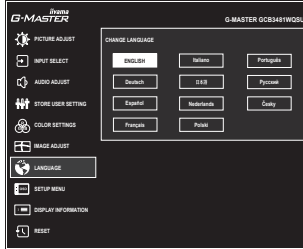
<sup>\*2</sup> Available for HDMI input only.

<sup>\*3</sup> Selected adjustments and settings may not be possible due to other items that are enabled. See page 24 **Function Correlation Matrix** for more details.






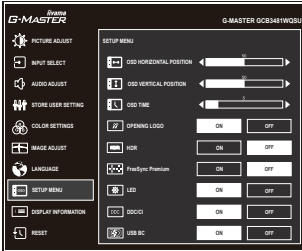
## Language













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




**Setup Menu**



Adjustment Item	Problem / Option		Joystick
OSD Horizontal Position	OSD is too left OSD is too right		   
OSD Vertical Position	OSD is too low OSD is too high		   
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.	
HDR *	On	For HDR (High Dynamic Range) signal	
	Off	For normal signal	
FreeSync Premium *	On	Enable the FreeSync function.	
	Off	The FreeSync function is turned off.	
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	On	DDC/CI is On.	
	Off	DDC/CI is Off.	
USB BC	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 BC function is on. While this function is off, USB devices do not operate even when the monitor is in standby mode to save standby electricity. When operating USB devices, turn this function on.			

\* Selected adjustments and settings may not be possible due to other items that are enabled. See page 24 **Function Correlation Matrix** for more details.





## Display Information



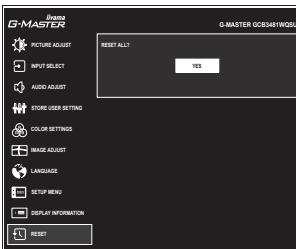
Displays information regarding the current input signal coming from the graphic card in your computer.

### NOTE

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



## Reset



Adjustment Item	Option
Yes	Factory-preset data is restored.



- **Lock Mode:**

- <OSD Menu>**

- If you turn on the monitor with pressing the Joystick [Center] while the monitor is off, the OSD Menu operations will be locked / unlocked.

- <Power Button / OSD Menu>**

- If you keep pressing the Joystick [Center] for 10 seconds when the Menu is not displayed, the Power Button / OSD Menu operations will be locked / unlocked.



# ■ Function Correlation Matrix

Selected item		Picture Adjust								Image Adjust		Setup Menu											
Active item		Contrast	Brightness	Overdrive	Adv. Contrast	Night Mode	Blue Light Reducer	Black Tuner	MBR	Gamma	Direct Drive Mode	Video Mode Adjust Dot by Dot / Display size	HDR	FreeSync Premium									
Picture Adjust	Adv. Contrast	—	—	✓	<div></div>																		
	Night Mode	✓	—	✓											—	—	✓	—	✓	—	✓	—	—
	Blue Light Reducer	✓	✓	✓											—	—	✓	—	✓	—	✓	—	—
	Black Tuner	✓	✓	✓											✓	✓	—	✓	—	✓	—	✓	—
	MBR	✓	—	—											—	—	—	—	—	—	—	—	—
Image Adjust	i-Style Color (All presets)	—	—	—	—	—	—	—	—	✓	—	✓	—	—									
	Direct Drive Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	✓	✓									
Image Adjust	Full / Aspect	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
	Video Mode Adjust Dot by Dot / Display size	✓	✓	—	✓	✓	✓	✓	—	✓	—	—	✓	—									
Setup Menu	HDR	—	—	✓	—	✓	—	—	—	—	✓	—	—	✓									
	FreeSync Premium	✓	✓	✓	—	✓	✓	✓	—	✓	✓	—	✓	—									

✓ : Available

— : Not available



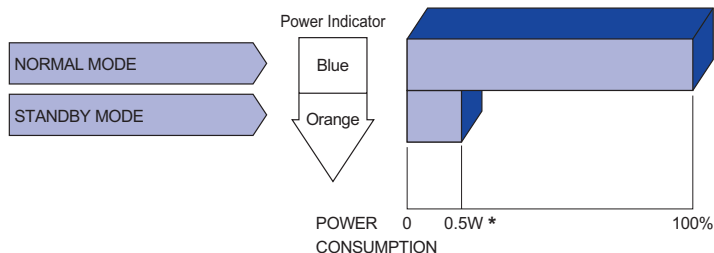
## STANDBY FEATURE

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.)  (Power indicator is blue.)  (Power indicator is orange.)	<input type="checkbox"/> The Power Cable is firmly seated in the socket. <input type="checkbox"/> The Power Button is turned ON. <input type="checkbox"/> The AC socket is live. Please check with another piece of equipment.  <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.  <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.

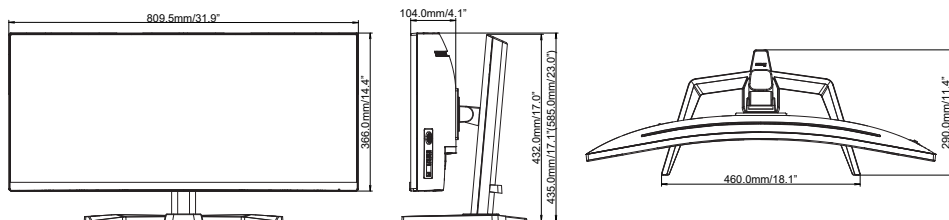
## SPECIFICATIONS : G-MASTER GCB3481WQSU-B1

Size Category		34"
LCD Panel	Panel technology	VA
	Size	Diagonal: 34" (86.4cm)
	Curvature	1500R
	Pixel pitch	0.232mm H × 0.232mm V
	Brightness	500cd/m <sup>2</sup> (Typical), 165cd/m <sup>2</sup> (Default / Energy Saving)
	Contrast ratio	4000 : 1 (Typical), Advanced Contrast Function Available
	Viewable angle	Right / Left: 89° each, Up / Down: 89° each (Typical)
	MPRT	0.3ms
Display Colors		Approx. 16.7M
Sync Frequency		HDMI: Horizontal: 30.0-185.0kHz Vertical: 48-120Hz (2560 × 1440 or less) 48-100Hz (3440 × 1440) DisplayPort: Horizontal: 30.0-283.0kHz Vertical: 48-180Hz
Native Resolution		3440 × 1440, 4.9 MegaPixels
Supported max. resolution		HDMI: 2560 × 1440 120Hz 3440 × 1440 100Hz DisplayPort: 3440 × 1440 180Hz
Input Connector		HDMI × 2, DisplayPort × 2
Input Video Signal		HDMI, DisplayPort
USB Standard		USB3.2 Gen 1 (5Gbps, DC5V, 900mA)
Number of USB Ports		1 Upstream: Type-B
Connector shape		4 Downstream: Type-A
Headphone Connector *1		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		797.22mm W × 333.72mm H / 31.4" W × 13.1" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption *2		54W (Typical), 32W (Default / Energy Saving) Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions		809.5 × 435.0 - 585.0 × 290.0mm / 31.9 × 17.1 - 23.0 × 11.4" (W×H×D)
Net Weight		9.4kg / 20.7lbs
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 20 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, EAC, VCCI, PSE

**NOTE** \*1 Proper operation of connected external devices other than headphones is not guaranteed.  
\*2 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	67.500kHz	60.000Hz	148.500MHz
	135.000kHz	120.000Hz	297.000MHz
2560 × 1440	88.787kHz	59.951Hz	241.500MHz
	183.000kHz	120.000Hz	497.760MHz
3440 × 1440	88.860kHz	60.000Hz	319.896MHz
	151.000kHz	100.000Hz	543.600MHz
	244.370kHz	165.000Hz	879.714MHz
	282.567kHz	180.000Hz	1017.250MHz

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

\*<sup>2</sup> Available for DisplayPort input only.

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

\* Available for Xbox Series X only.