iiyama

USER MANUAL

G-Master

LCD Monitor

G-Master GB3271QSU

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.

iiyama | Servicecard

VALUE FOR MONEY iiyama

AWARD-WINNER iiyama

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.

https://iiyama.com

iiyama

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.

IIYAMA CORPORATION: Wijkermeerstraat 8, 2131 HA Hoofddorp, The Netherlands

Model No. : PL3271Q

ENGLISH

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 GB3271QSU-B2 : 2283978

TABLE OF CONTENTS

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

- Careful attention is required not to pinch your fingers or hands into the moving part of the stand when you change the angle.
- When adjusting the height, do not lower the monitor vigorously while keeping your hand between the lower part of the monitor and the base.

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.

ENGLISH

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	Cleaning paper
(Chlorine bleach)	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), Advanced Contrast Function Available, Brightness 400cd/m^2 (Typical)**

◆ **Moving Picture Response Time 1ms**

◆ **Supports AMD FreeSync™ Premium 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, 0.75mm² 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.

5°   23°
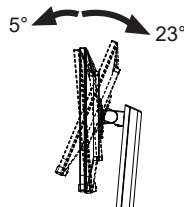
## [DISPLAY ARM OR DESK ARM STAND]

CAUTION When using a display arm or desk arm stand, consider the thickness of the VESA mounting bracket and use four M4×12mm 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.
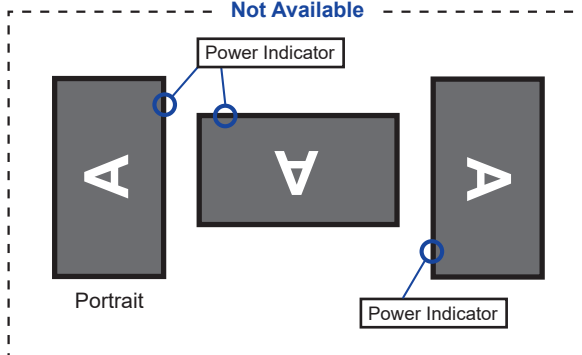
Screw

VESA mounting
bracket

Chassis
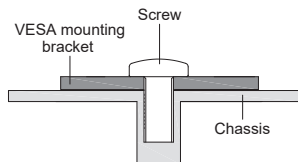
[LANDSCAPE MODE]

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

Available

A

Landscape

Power Indicator

Not Available

Power Indicator

A A A

Portrait

Power Indicator
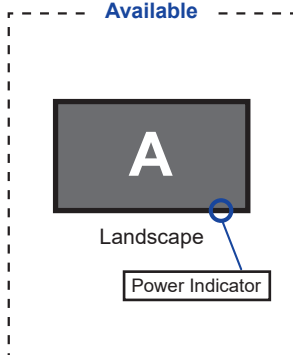
FITTING AND REMOVAL OF STAND

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.


Stand-Neck

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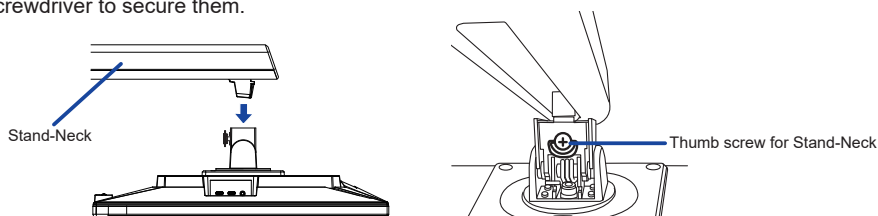
③ Install the Stand-Base to the Stand-Neck and then tighten the thumb screw with the provided screwdriver to secure them.
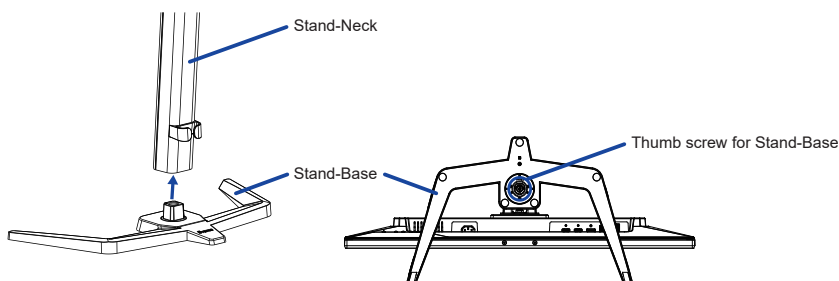
Stand-Neck

Thumb screw for Stand-Base

Stand-Base

<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

<Front>   <Back>

ENGLISH
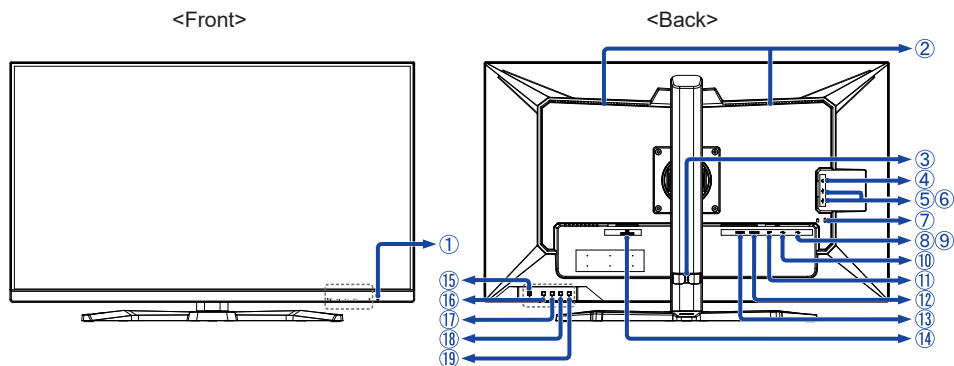
① Power Indicator

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
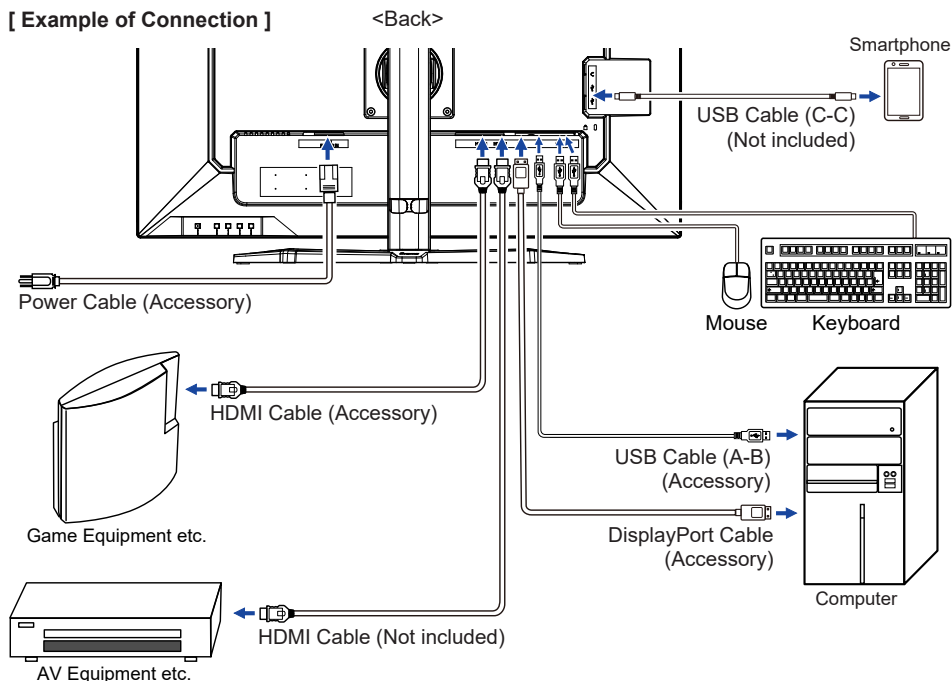
CONNECTING YOUR MONITOR

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.
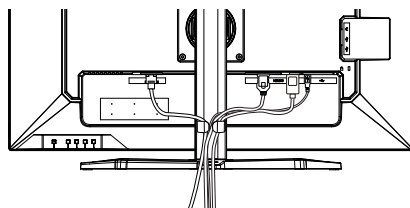⑤ Turn on your monitor and computer.

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]   <Back>

Smartphone

USB Cable (C-C)
(Not included)

Power Cable (Accessory)

Mouse   Keyboard

HDMI Cable (Accessory)

USB Cable (A-B)
(Accessory)

Game Equipment etc.

DisplayPort Cable
(Accessory)

Computer

HDMI Cable (Not included)

AV Equipment etc.

[Collect Cables]

Put the cables through the Cable Holder to bundle them.

ENGLISH

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° left and right, 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.

■ When adjusting the height, do not lower the monitor vigorously while keeping your hand between the lower part of the monitor and the base.

5°   23°   150mm

45°   45°

Monitor

Stand-Base
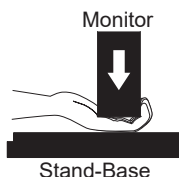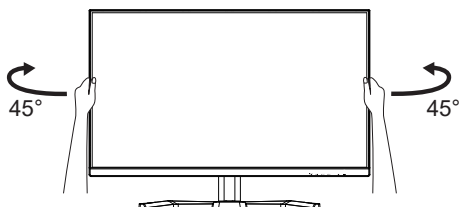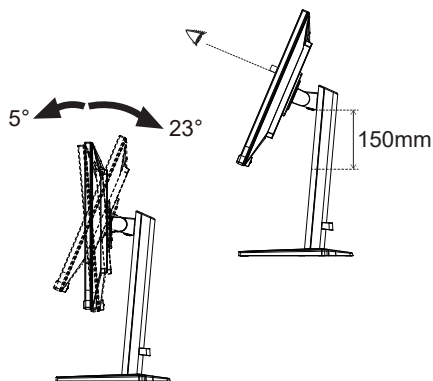
OPERATING THE MONITOR

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. The main menu icons are displayed and you can switch between them by using the ◀ / ▶ Buttons.**
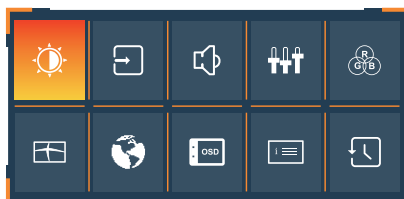
② **Select the main menu icon related to your desired adjustment or setting. Press the MENU Button. Then, use the ◀ / ▶ Buttons to highlight the desired sub-menu.**

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 ▯OSD **Setup Menu** in the main 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.

	Picture Adjust *¹	

Sub-menu	Problem / Option	Button to press
Contrast	Too dull Too intense	👆 ▶ 👆 ◀
Brightness *² **Shortcut**	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 **Shortcut**	On	Enable FreeSync function.
	Off	Disable FreeSync function.

Adv. Contrast	On	Increased Contrast Ratio
	Off	Typical Contrast Ratio

Night Mode **Shortcut**	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. **Shortcut**	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

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

*² 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 button operations.

● Brightness: Press the **i** Button with no Menu displayed and select **Brightness**.
● FreeSync: Press the **i** Button with no Menu displayed and select **FreeSync**.
● 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 Red.**.

BRIGHTNESS

I-STYLE COLOR

NIGHT MODE

MOTION BLUR RED.

FreeSync

ENGLISH
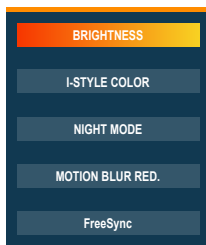
■ **Function Correlation Matrix 1**

Active menu \ Selected menu		Picture Adjust									
		Contrast	Brightness	Overdrive	HDR	FreeSync	Adv. Contrast	Night Mode	Blue Light Reducer	Motion Blur Red.	Gamma
Picture Adjust	HDR	✓	✓	✓		✓	–	–	–	–	–
	FreeSync	✓	✓	✓	✓		✓	✓	✓	–	✓
	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

G-MASTER	2560x1440 60Hz HDMI1	iiyama
PICTURE ADJUST	INPUT SOURCE	AUTO MANUAL
INPUT SELECT	MANUAL	
AUDIO ADJUST	HDMI 1	SELECT
STORE USER SETTING	HDMI 2	SELECT
COLOR SETTINGS	DISPLAYPORT	SELECT
IMAGE ADJUST		
LANGUAGE		
▼		G-MASTER GB3271QSU

Sub-menu	Option		
Input Source	Auto	Search for an available input source and select automatically.	
	Manual	HDMI 1	Select the HDMI 1 input.
		HDMI 2	Select the HDMI 2 input.
		DisplayPort	Select the 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 menus 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.

AUTO
HDMI 1
HDMI 2
DISPLAYPORT

| | | Audio Adjust | | | | | | |

Sub-menu		Problem / Option		Button to press
Volume	**Direct**	Too soft		➡ ▶
		Too loud		⬅ ◀
Mute	**Direct**	On	Turn off the sound temporarily.	
		Off	Return the sound volume to the previous level.	

ENGLISH

Direct

You can skip the menus and directly display an option setting screen or an adjustment scale by using the following button operations.

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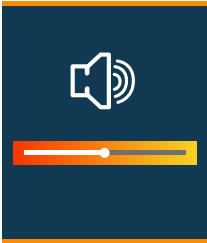
● Mute: Keep pressing the ◁ Button for about 4 seconds when the Menu is not displayed. Mute and Unmute are switched by repeating the above button operation.

	Store User Setting

G·MASTER
2560x1440 60Hz HDMI1   iiyama
PICTURE ADJUST   USER MODES   ‹   USER MODE 1   ›
INPUT SELECT
AUDIO ADJUST
STORE USER SETTING
COLOR SETTINGS
IMAGE ADJUST
LANGUAGE
▼
G-MASTER GB3271QSU

Sub-menu		Option
User Modes	User Mode 1	Save the settings of the screen adjustment.
	User Mode 2	
	User Mode 3	

NOTE	The monitor memorizes your customized settings below. Those settings can be retrieved from i-Style Color options later.
	Contrast, Brightness, Overdrive, HDR, FreeSync, Adv. Contrast, Night Mode, Blue Light Reducer, Motion Blur Red., Gamma, Volume, Color Settings, X-Res Technology, Sharpness, Direct Drive Mode, Video Mode Adjust

ENGLISH

Color Settings

Sub-menu	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 Matrix 2** for more details.

▣ Image Adjust

G-MASTER   1280x1024 60Hz HDMI1   iiyama

PICTURE ADJUST	I-STYLE COLOR ◄ OFF ►
INPUT SELECT	X-RES TECHNOLOGY ◄ OFF ►
AUDIO ADJUST	SHARPNESS 50
STORE USER SETTING	HDMI RANGE ◄ FULL ►
COLOR SETTINGS	DIRECT DRIVE MODE ON OFF
IMAGE ADJUST	VIDEO MODE ADJUST ◄ FULL ►
LANGUAGE	

G-MASTER GB3271QSU

Sub-menu	Option		Button to press
i-Style Color Shortcut	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 Soft option.
	Hard		Enhance the picture edge more than 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

> **NOTE** Changing Resolution and Refresh rate or turning Power Off/On might disable the Direct Drive Mode function.

Sub-menu	Option	
Video Mode Adjust *3	Full	Full screen display
	Aspect *4	Expansion display of Aspect
	Dot by Dot *5	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).

*1 Disabled when HDR is active.

*2 Available for HDMI input only. This may not function depending on the device you connect.

*3 Selected adjustments and settings may not be possible due to other items that are enabled. See page 21 **Function Correlation Matrix 2** for more details.
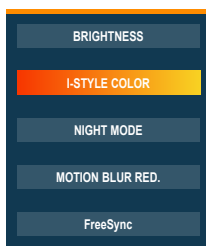
*4 Available only in 4:3 and 5:4 resolutions.

*5 Available only when the resolution is less than 2560 × 1440.

Shortcut

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

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

■ Function Correlation Matrix 2

Selected menu / Active menu	Color Settings			Image Adjust			
	Color Temperature	User Preset	Black Tuner	X-Res Technology	Sharpness	Direct Drive Mode	Video Mode Adjust
Picture Adjust							
HDR	–	–	–	–	✓	–	–
FreeSync	✓	✓	✓	✓	✓	–	–
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

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

:OSD Setup Menu

Sub-menu	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.

NOTE Turn Off the Power Indicator when you are bothered by the light.

DDC/CI Control	On	Enable DDC/CI function.
	Off	Disable DDC/CI function.

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.

NOTE When the monitor is turned off, USB devices cannot be charged even when the USB Charge function is on.

📠 Display Information

Sub-menu	Option
Display Information	Display the 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 rate.

🔲 Reset

Sub-menu	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.

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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.

Power Indicator

| NORMAL MODE | Blue |
| STANDBY MODE | Orange |

POWER CONSUMPTION   0   0.5W *   100%
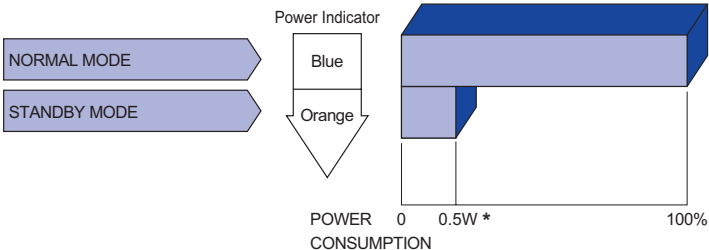
* When the USB devices are not connected.

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

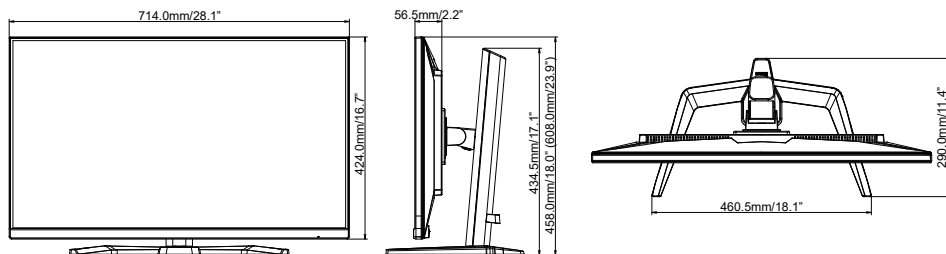Design and specifications are subject to change without prior notice.

SPECIFICATIONS : G-MASTER GB3271QSU-B2

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^2 (Typical), 170cd/m^2 (Default / Energy Saving)
	Contrast ratio	1000 : 1 (Typical), Advanced Contrast Function Available
	Viewable angle	Left / Right: 89° each, Up / Down: 89° each (Typical)
	MPRT	1ms
Display Colors		16,777,216
Sync Frequency		HDMI: Horizontal: 30.0-222.0kHz, Vertical: 48-144Hz DisplayPort: Horizontal: 30.0-265.0kHz, Vertical: 48-180Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Supported max. resolution		HDMI: 3840 × 2160 60Hz 2560 × 1440 144Hz DisplayPort: 2560 × 1440 180Hz
Input Connector		HDMI × 2, DisplayPort × 1
Input Video Signal		HDMI, DisplayPort
USB Standard		USB3.2 Gen 1 (5Gbps)
Number of USB Ports Connector shape		1 Upstream: Type-B 4 Downstream: Type-A (DC5V, 900mA) × 2, Type-C (DC5V, 1.5A) × 2
Headphone Connector *1		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 *2		35W (Typical), 25W (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		9.4kg / 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 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 *1 Proper operation of connected external devices other than headphones is not guaranteed.
*2 When the USB devices are not connected.

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DIMENSIONS

714.0mm/28.1"
424.0mm/16.7"
56.5mm/2.2"
434.5mm/17.1"
458.0mm/18.0" (608.0mm/23.9")
460.5mm/18.1"
290.0mm/11.4"

( ) : 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	88.860kHz	60.000Hz	241.699MHz	
	151.000kHz	100.000Hz	410.720MHz	*
	183.000kHz	120.000Hz	497.760MHz	
	222.190kHz	144.000Hz	604.362MHz	
	264.600kHz	180.000Hz	719.712MHz	*

NOTE * Available for DisplayPort input only.

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