

USER MANUAL

G-MASTER

LCD Monitor

ENGLISH

G-MASTER GB2771QSU
G-MASTER G2771QSU
G-MASTER GB2771QS
G-MASTER G2771QS

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.

IİYAMA CORPORATION: Wijkemeerstraat 8, 2131 HA Hoofddorp, The Netherlands

Model No. : PL2771Q



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

GB2771QS-B1	2436149	GB2771QS-W1	2436139	G2771QS-B1	2436122
GB2771QSU-B1	2436069	GB2771QSU-W1	2436051	G2771QSU-B1	2436003

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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. (Just for height adjustable model.)

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 40-60 cm (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	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 1200:1 (Typical), Adv. Contrast Function Available / Brightness 350cd/m² (Typical)
- ◆ Moving Picture Response Time 0.5ms
- ◆ Blue Light Reducer
- ◆ Flicker Free
- ◆ 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* ¹ | ■ HDMI Cable | ■ DisplayPort Cable |
| ■ USB Cable* ² | ■ VESA Plate* ³ | ■ Stand-Neck |
| ■ Stand-Base with a screw* ³ | ■ Stand-Base* ⁴ | ■ Screwdriver* ³ |
| ■ Safety Guide | ■ Quick Start Guide | |

CAUTION

*¹ 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.

*² Accessory for G-MASTER GB2771QSU / G2771QSU

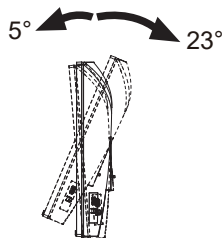
*³ Accessory for G-MASTER GB2771QSU / GB2771QS

*⁴ Accessory for G-MASTER G2771QSU / G2771QS

USING ARM OR STAND

CAUTION

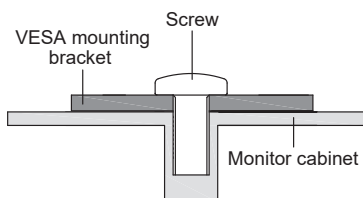
- This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.
- Before installation, make sure the display arm or desk arm stand is strong enough to hold the necessary weight of the monitor and the mount.
- Panel angle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

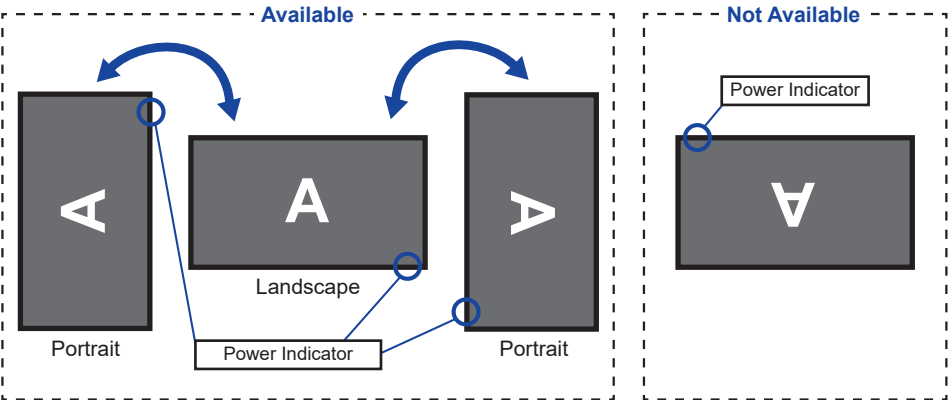
When using a display arm or desk arm stand, consider the thickness of the VESA mounting bracket and use four M4×10mm screws to secure it to the monitor. Ensure all screws are tightened and secured properly. Using screws longer than this may cause electric shock or damage by contacting the electrical parts inside the monitor. For this product, the thickness of the VESA mounting bracket is assumed to be approx. 2.5mm.



[ROTATING THE MONITOR]

• G-MASTER GB2771QSU / GB2771QS

The monitor is designed to be compatible with both landscape and portrait modes.
Video card for portrait display will be required for rotating the image on the screen.



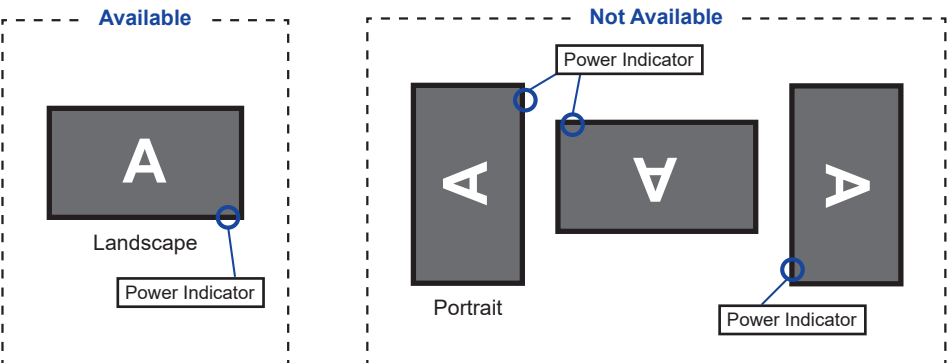
With Stand:

NOTE

- Adjust the monitor's height before panel rotation.
- Attempting to rotate the panel forcibly without adjusting the stand height may cause damage to the panel or the stand.

• G-MASTER G2771QSU / G2771QS

The monitor is designed to be compatible only with the landscape mode.



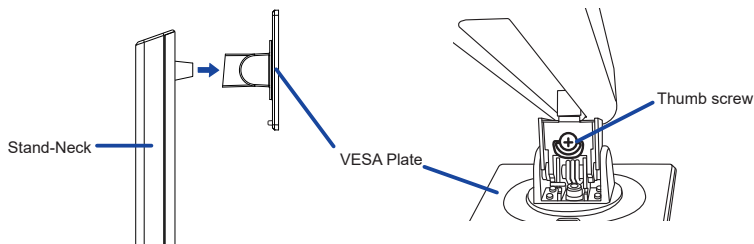
FITTING AND REMOVAL OF STAND : G-MASTER GB2771QSU / GB2771QS

CAUTION

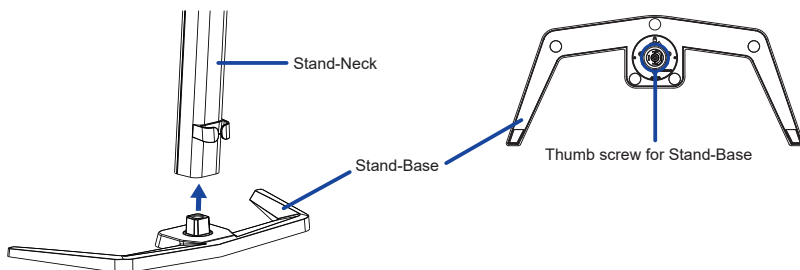
- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.
- Regularly check the tightness of the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

<Installation>

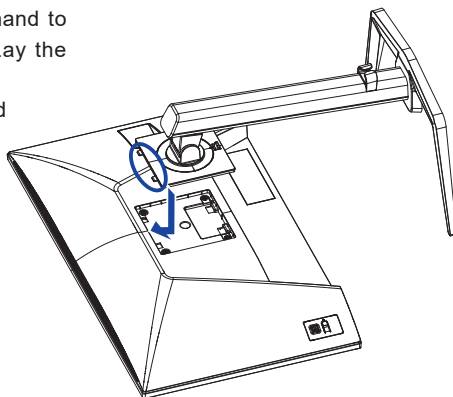
- ① Attach the Stand-Neck to the VESA Plate and then tighten the 'thumb screw' with the provided screwdriver to secure them.



- ② Install the Stand-Base to the Stand-Neck and then tighten the 'thumb screw' with the provided screwdriver to secure them.

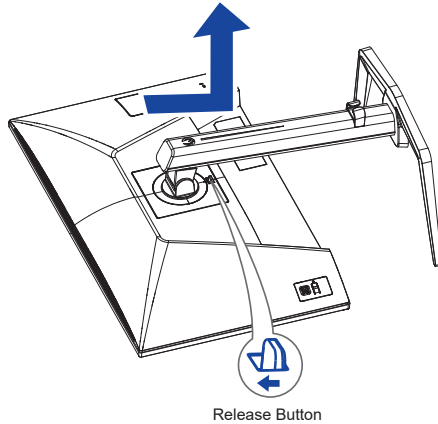


- ③ Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ④ Hold the monitor and install the assembled stand to the monitor until it clicks to secure.



<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 Press the release button to remove the stand.



- ③ Loosen the 'thumb screw' with the provided screwdriver to remove the Stand-Neck from the VESA Plate.
- ④ Loosen the 'thumb screw' with the provided screwdriver to remove the Stand-Base from the Stand-Neck.

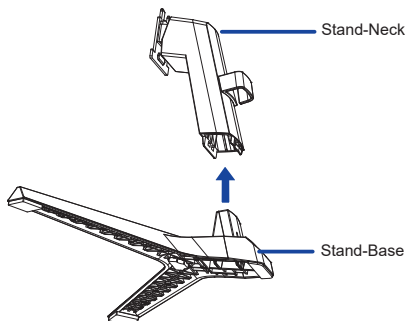
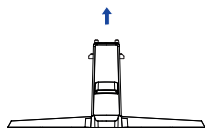
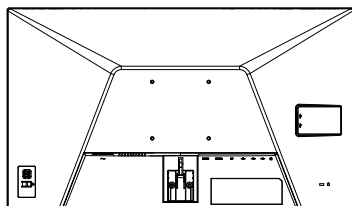
FITTING AND REMOVAL OF STAND : G-MASTER G2771QSU / G2771QS

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.

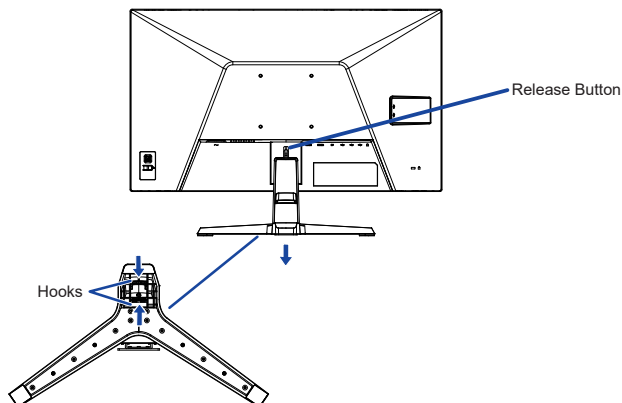
<Installation>

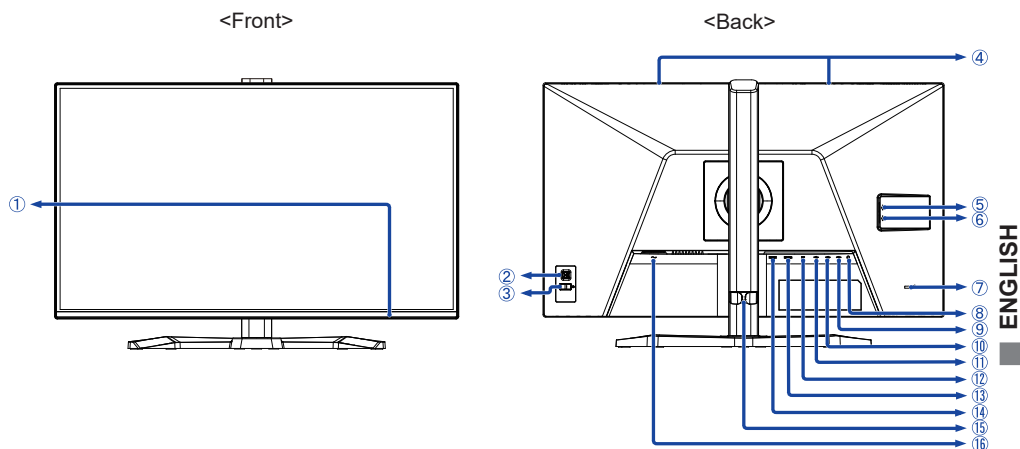
- ① Combine the Stand-Neck and the Stand-Base.
- ② Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ③ Hold the monitor and install the Stand to the monitor until it clicks to secure.



<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 Keep pressing the Hooks inward to pull out the Stand-Base.
- ③ Press the release button and remove the Stand-Neck from the monitor.





① Power Indicator

NOTE Blue: Normal operation
Orange: Standby mode

② Joystick

- Menu [Center]
- Up / Signal Select [↑] **Direct**
- Down / Shortcut [↓] **Shortcut**
- Left / Volume [⇐] * **Direct**
- Right / Volume, [⇒] * **Direct**

③ Power Switch (⏻)

④ Speakers

⑤⑩ G-MASTER GB2771QSU: USB Type-A Downstream Connector (USB3.2 Gen 1: 5Gbps, 5V, 900mA)

⑥⑨ G-MASTER GB2771QSU: USB Type-C Downstream Connector (USB3.2 Gen 1: 5Gbps, 5V, 1A)

⑦ Keyhole for Security Lock

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

⑧ Headphone Connector (🎧)

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

⑨ G-MASTER GB2771QSU: USB Upstream Connector (🔄)

⑩ DisplayPort Connector (DP)

⑪ HDMI Connector (HDMI2)

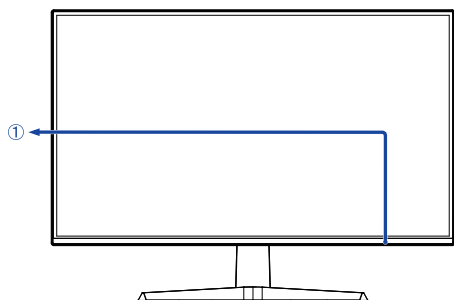
⑫ HDMI Connector (HDMI1)

⑬ Cable Holder

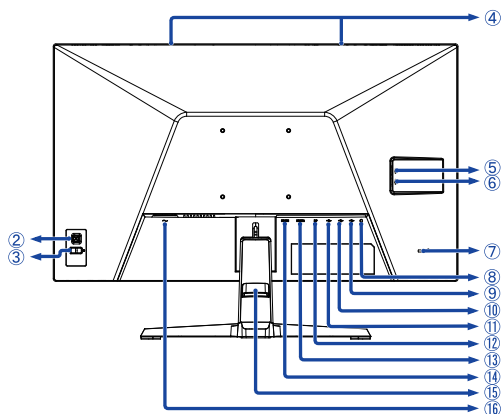
⑭ AC Connector (~ : Alternating current)

* Direction when viewing the screen from the front

<Front>



<Back>



① Power Indicator

NOTE Blue: Normal operation
Orange: Standby mode

② Joystick

- Menu [Center]
- Up / Signal Select [↑] **Direct**
- Down / Shortcut [↓] **Shortcut**
- Left / Volume [←] * **Direct**
- Right / Volume, [→] * **Direct**

③ Power Switch (⏻)

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⑬ HDMI Connector (HDMI2)

⑭ HDMI Connector (HDMI1)

⑮ Cable Holder

⑯ AC Connector (~ : Alternating current)

* Direction when viewing the screen from the front

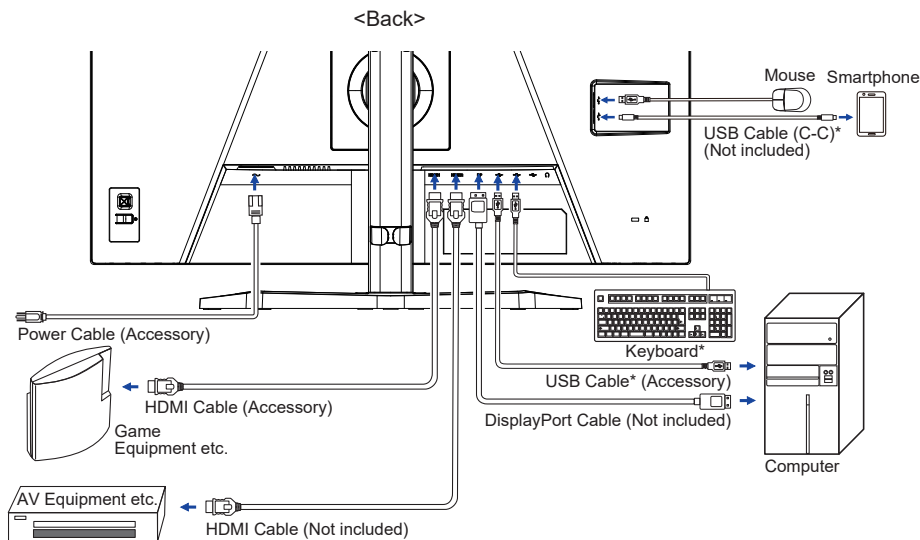
CONNECTING YOUR MONITOR : G-MASTER GB2771QSU / GB2771QS

- 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.

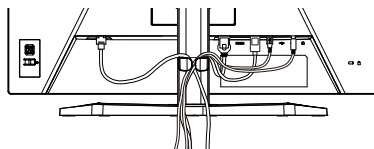
[Example of Connection]



* Available for G-MASTER GB2771QSU only.

[Collect Cables]

Put the cables through the Cable Holder to bundle them.



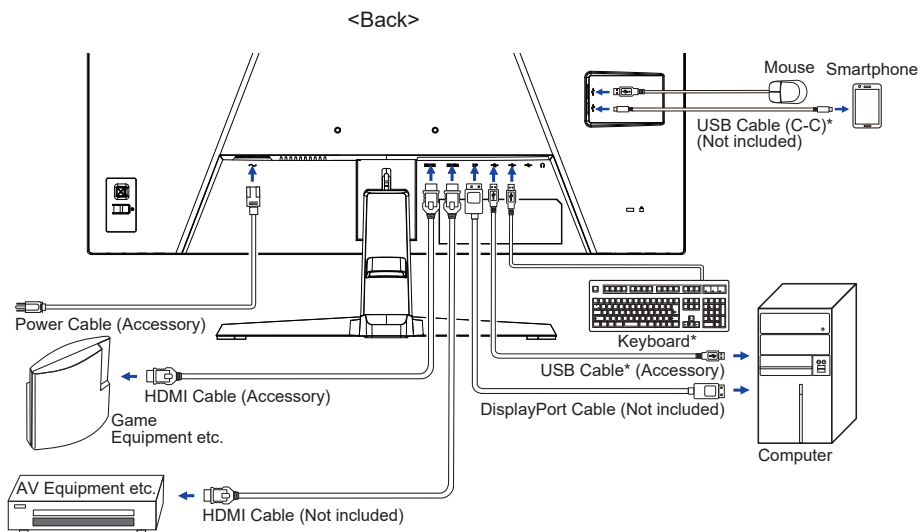
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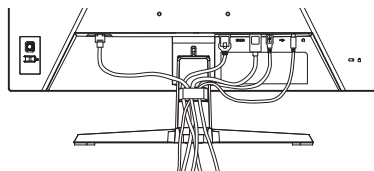
[Example of Connection]



* Available for G-MASTER G2771QSU only.

[Collect Cables]

Put the cables through the Cable Holder to bundle them.



DISCONNECTING YOUR MONITOR

- ① Ensure that both the computer and the monitor are switched off.
- ② Disconnect the power source first and then the Power Cable from the monitor.
- ③ Disconnect the USB cable from the computer and the monitor.
- ④ Disconnect the signal cable from the computer and the monitor.

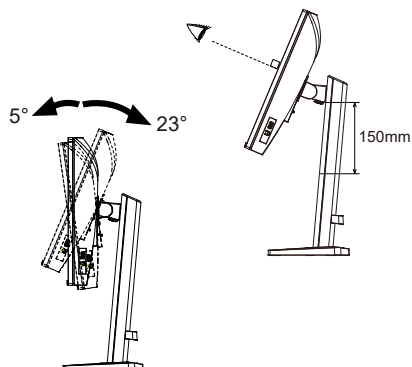
COMPUTER SETTING

■ Signal Timing

Change to the desired signal timing listed on page 38: COMPLIANT TIMING.

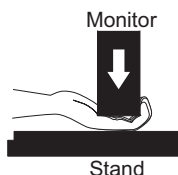
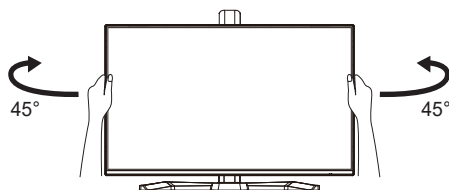
ADJUSTING THE HEIGHT AND THE VIEWING ANGLE : G-MASTER GB2771QSU / GB2771QS

- 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.

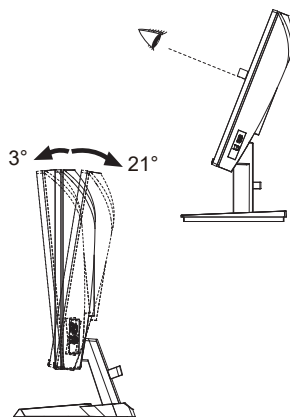


ADJUSTING THE VIEWING ANGLE : G-MASTER G2771QSU / G2771QS

- For optimal viewing it is recommended to look at the full face of the monitor.
- Hold the stand so that the monitor does not topple when you change the monitor's angle.
- You are able to adjust the monitor's angle up to 21° upward, 3° downward.
- In order to ensure a healthy and relaxed body position when using the monitor at visual display workstations, it is recommended that the adjusted tilt angle should not exceed 10°. Adjust the monitor's angle to your own preference.

NOTE

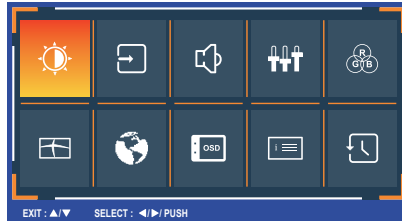
- Do not touch the LCD screen when you change the angle. It may cause damage or break the LCD screen.
- Careful attention is required not to catch your fingers or hands when you change the angle.



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 38. You are also able to adjust the picture by following the button operation shown below.

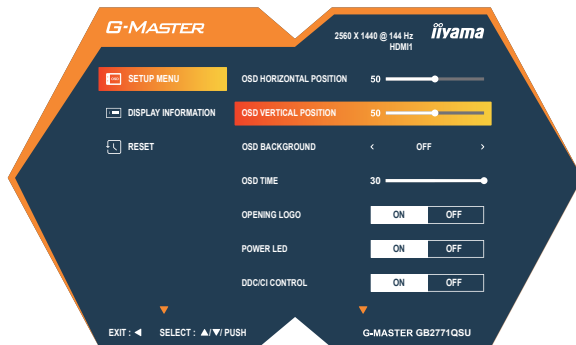
- ① Press the Joystick [Center] to start the On Screen Display (OSD) feature. There are additional Menu items which can be switched by tilting the Joystick [↔/↕].



- ② Select the Menu page which contains the adjustment icon relating to the adjustment you want to make. Press the Joystick. Then, tilting the Joystick [↕/↔] to highlight the desired adjustment icon.
- ③ Press the Joystick again. Tilting the Joystick [↔/↕] to make the appropriate adjustment or setting.
- ④ Press the Joystick and then tilt it [↔] to leave the menu, and the settings you just made would be automatically saved.

For example, to correct for OSD vertical position, select "Setup Menu" of Menu item 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 [↔] to close the OSD feature. All changes are saved in the memory.

NOTE

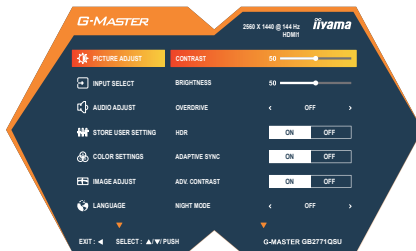
- When button operations are aborted during adjustment, On Screen Display disappears when the time set for the OSD Time has passed. Also, tilting the Joystick [↔] can be used to return previous menu and turn off the On Screen Display.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- All adjustments have only one setting which applies to all signal timings.

ADJUSTMENT MENU CONTENTS

Please understand in advance that changing some menu items may affect other adjustments or settings.



Picture Adjust



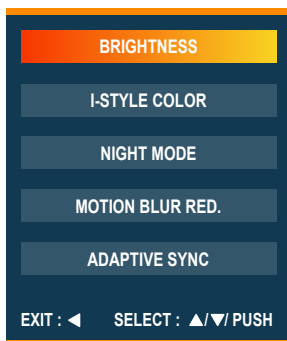
Adjustment Item	Problem / Option		Joystick
Contrast	Too dull Too intense		
Brightness * Shortcut	Too dark Too bright		
Overdrive	Off / 1 / 2 / 3 / 4 / 5 / 6 Improve the gray level response time of the LCD panel. A higher level results in a faster response time.		
NOTE Level 6 is only available when Motion Blur Red. (MBR) is activated.			
HDR	On	For HDR (High Dynamic Range) signal	
	Off	For normal signal	
Adaptive Sync Shortcut	On	Enable Adaptive Sync function.	
	Off	Disable Adaptive Sync 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 75Hz or more.		
Gamma	Gamma1	High contrast	
	Gamma2	Normal	
	Gamma3	Dark	

* 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: Tilting the Joystick [↵] with no Menu displayed and select "Brightness".
- Night Mode: Tilting the Joystick [↵] with no Menu displayed and select "Night Mode".
- Motion Blur Reduction: Tilting the Joystick [↵] with no Menu displayed and select "Motion Blur Reduction".
- Adaptive Sync: Tilting the Joystick [↵] with no Menu displayed and select "Adaptive Sync".





Input Select

Direct



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

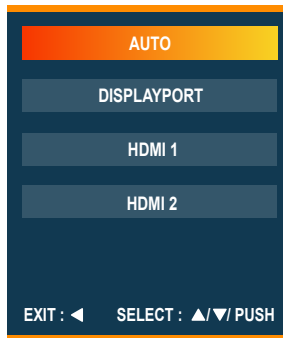
NOTE

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 operations.

- Input Select: Tilting the Joystick [⇧] with no Menu displayed.



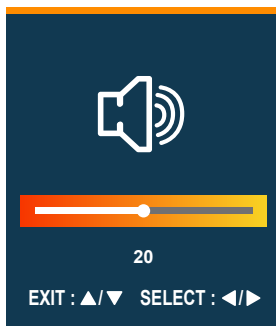


Adjustment Item		Problem / Option	Joystick
Volume	Direct	Too soft Too loud	 
Mute	Direct	On	Turn off the sound temporarily.
		Off	Return the sound volume to the previous level.

Direct

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

- Volume: Tilting the Joystick [⇨] with no Menu displayed.



- Mute: Tilting the Joystick [⇨] for about 4 seconds with no Menu displayed.
Mute and Unmute are switched by repeating the above Joystick 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

Once saving is complete, "OK" will be displayed.

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, Adaptive Sync, 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			Joystick
6-Axis	Hue	Red	Too weak Too strong	 
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
	Saturation	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.			



Image Adjust



Adjustment Item		Problem / Option		Joystick
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	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	1 / 2 / 3 / 4 / 5 / 6 You can change the picture quality from 1 to 6 (sharp to soft). Tilt the Joystick [↔] to change the picture quality in numerical order. Tilt the Joystick [⇄] to change the picture quality in reverse numerical order.			
HDMI Range *1	Full	For full-range color scale signal.		
	Limited	For limited color scale signal.		
Direct Drive Mode	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.				

Image Adjust



Adjustment Item	Option	
Video Mode Adjust	Full	Expansion display
	Aspect ^{*2}	Expansion display of Aspect
	Dot by Dot ^{*3}	Display the picture dot by dot.
	17inch	Display the picture as 17 inch screen (5 : 4).
	19inch	Display the picture as 19 inch screen (5 : 4).
	19.5inch	Display the picture as 19.5 inch screen (16 : 9).
	21.5inch	Display the picture as 21.5 inch screen (16 : 9).
	23inch	Display the picture as 23 inch screen (16 : 9).
	23.6inch	Display the picture as 23.6 inch screen (16 : 9).
	23.8inch	Display the picture as 2.83 inch screen (16 : 9).
	24inch	Display the picture as 24 inch screen (16 : 9).
	24.5inch	Display the picture as 24.5 inch screen (16 : 9).

^{*1} Available for HDMI input only. This may not function depending on the device you connect.

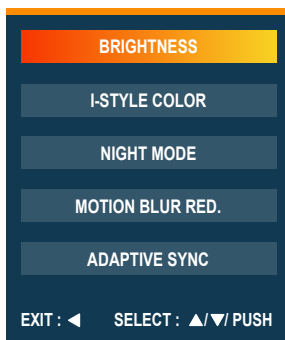
^{*2} Available only in 4:3 and 5:4 resolutions.

^{*3} 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: Tilting the Joystick [↕] with no Menu displayed and select “i-Style Color”.



			
Option			
English	English	Nederlands	Dutch
Deutsch	German	Polski	Polish
Español	Spanish	Русский	Russian
Français	French	Česky	Czech
Italiano	Italian	Український	Ukrainian
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.	
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	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.	
NOTE Only available on models with USB. When the monitor is turned off, USB devices cannot be charged even when the USB Charge function is on.			

* Available for G-MASTER GB2771QSU / G2771QSU only.



Display Information



Adjustment Item

Option

Display Information

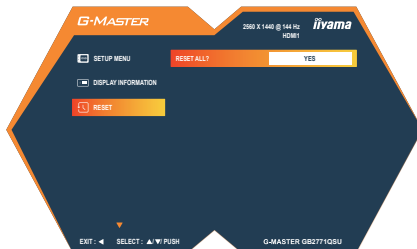
Displays information regarding the current input signal coming from the graphic card in your computer.

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>

If you turn on the monitor with holding down the Joystick [Center] on the monitor while the monitor is off, the OSD button operations will be locked / unlocked.

<Power / OSD>

If you keep tilting the Joystick [↕] on the monitor for 10 seconds when the Menu is not displayed, the Power / OSD button operations will be locked / unlocked.

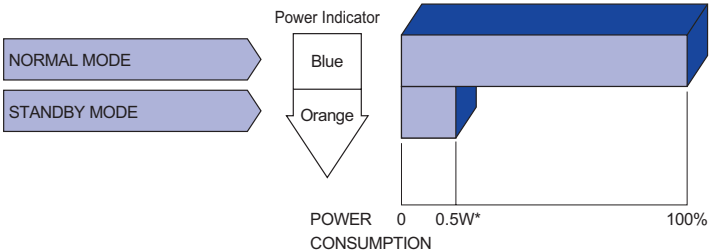
STANDBY FEATURE

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 less than 0.5W*. 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.)	☐ The Power Cable is firmly seated in the socket. ☐ The Power Switch 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 GB2771QSU-B1 / GB2771QSU-W1

Size Category		27"
LCD Panel	Panel technology	Fast IPS
	Size	Diagonal: 27" (68.5cm)
	Pixel pitch	0.233mm H × 0.233mm V
	Brightness	350cd/m ² (Typical), 155cd/m ² (Default / Energy Saving)
	Contrast ratio	1200 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	MPRT	0.5ms
Display Colors		Approx. 1.07B
Sync Frequency		HDMI : Horizontal: 30.0-240.0kHz, Vertical: 48-200Hz DisplayPort : Horizontal: 30.0-320.0kHz, Vertical: 48-200Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Support max. resolution		HDMI : 2560 × 1440, 144Hz, 1920 × 1080, 200Hz DisplayPort : 2560 × 1440, 200Hz
Input Connector		HDMI, DisplayPort
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, 1A) × 2
Headphone Connector *1		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		596.7mm W × 335.7mm H / 23.5" W × 13.2" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption *2		21W typical, Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		613.5 × 408.5 - 554.0 × 213.0mm / 24.2 × 16.1 - 21.8 × 8.4" (W×H×D) 5.7kg / 12.6lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23 degrees, Downward: 5 degrees Swivel: Left / Right: 45 degrees each Rotation: Clockwise / Counterclockwise: 90 degrees 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 95% (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. When default setting.

SPECIFICATIONS : G-MASTER G2771QSU-B1

ENGLISH

Size Category		27"
LCD Panel	Panel technology	Fast IPS
	Size	Diagonal: 27" (68.5cm)
	Pixel pitch	0.233mm H × 0.233mm V
	Brightness	350cd/m ² (Typical), 155cd/m ² (Default / Energy Saving)
	Contrast ratio	1200 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	MPRT	0.5ms
Display Colors		Approx. 1.07B
Sync Frequency		HDMI : Horizontal: 30.0-240.0kHz, Vertical: 48-200Hz DisplayPort : Horizontal: 30.0-320.0kHz, Vertical: 48-200Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Support max. resolution		HDMI : 2560 × 1440, 144Hz, 1920 × 1080, 200Hz DisplayPort : 2560 × 1440, 200Hz
Input Connector		HDMI, DisplayPort
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, 1A) × 2
Headphone Connector * ¹		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		596.7mm W × 335.7mm H / 23.5" W × 13.2" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption * ²		21W typical, Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		613.5 × 445.5 × 192.5mm / 24.2 × 17.5 × 7.6" (W×H×D) 4.4kg / 9.7lbs
Tilt Angle		Upward: 21 degrees, Downward: 3 degrees
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 95% (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. When default setting.

SPECIFICATIONS : G-MASTER GB2771QS-B1 / GB2771QS-W1

Size Category		27"
LCD Panel	Panel technology	Fast IPS
	Size	Diagonal: 27" (68.5cm)
	Pixel pitch	0.233mm H × 0.233mm V
	Brightness	350cd/m ² (Typical), 155cd/m ² (Default / Energy Saving)
	Contrast ratio	1200 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	MPRT	0.5ms
Display Colors		Approx. 1.07B
Sync Frequency		HDMI : Horizontal: 30.0-240.0kHz, Vertical: 48-200Hz DisplayPort : Horizontal: 30.0-320.0kHz, Vertical: 48-200Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Support max. resolution		HDMI : 2560 × 1440, 144Hz, 1920 × 1080, 200Hz DisplayPort : 2560 × 1440, 200Hz
Input Connector		HDMI, DisplayPort
Input Video Signal		HDMI, DisplayPort
Headphone Connector * ¹		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		596.7mm W × 335.7mm H / 23.5" W × 13.2" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption * ²		21W typical, Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		613.5 × 408.5 - 554.0 × 213.0mm / 24.2 × 16.1 - 21.8 × 8.4" (W×H×D) 5.7kg / 12.6lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23 degrees, Downward: 5 degrees Swivel: Left / Right: 45 degrees each Rotation: Clockwise / Counterclockwise: 90 degrees 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 95% (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 default setting.

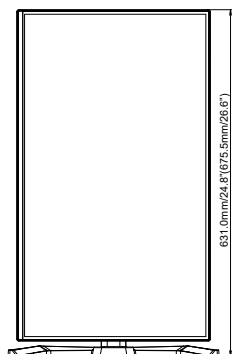
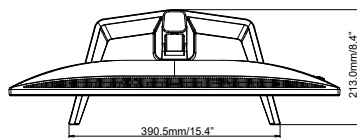
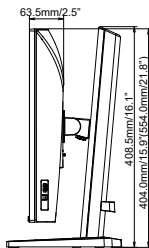
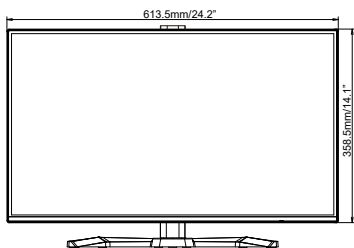
SPECIFICATIONS : G-MASTER G2771QS-B1

Size Category		27"
LCD Panel	Panel technology	Fast IPS
	Size	Diagonal: 27" (68.5cm)
	Pixel pitch	0.233mm H × 0.233mm V
	Brightness	350cd/m ² (Typical), 155cd/m ² (Default / Energy Saving)
	Contrast ratio	1200 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	MPRT	0.5ms
Display Colors		Approx. 1.07B
Sync Frequency		HDMI : Horizontal: 30.0-240.0kHz, Vertical: 48-200Hz DisplayPort : Horizontal: 30.0-320.0kHz, Vertical: 48-200Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Support max. resolution		HDMI : 2560 × 1440, 144Hz, 1920 × 1080, 200Hz DisplayPort : 2560 × 1440, 200Hz
Input Connector		HDMI, DisplayPort
Input Video Signal		HDMI, DisplayPort
Headphone Connector * ¹		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		596.7mm W × 335.7mm H / 23.5" W × 13.2" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption * ²		21W typical, Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		613.5 × 445.5 × 192.5mm / 24.2 × 17.5 × 7.6" (W×H×D) 4.4kg / 9.7lbs
Tilt Angle		Upward: 21 degrees, Downward: 3 degrees
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 95% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

NOTE *¹ Proper operation of connected external devices other than headphones is not guaranteed.

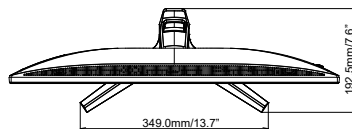
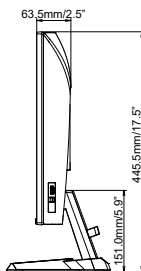
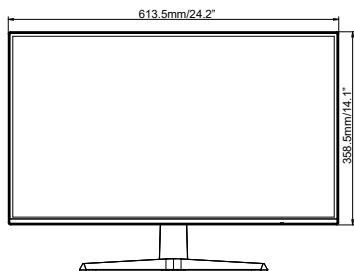
*² When default setting.

DIMENSIONS : G-MASTER GB2771QSU / G-MASTER GB2771QS



() : Maximum adjustment range

DIMENSIONS : G-MASTER G2771QSU / G-MASTER G2771QS



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
	83.925kHz	75.000Hz	174.564MHz
	135.000kHz	120.000Hz	297.000MHz
	166.587kHz	143.982Hz	346.500MHz
	237.976kHz	199.980Hz	494.990MHz
2560 × 1440	89.375kHz	59.983Hz	243.100MHz
	178.728kHz	119.952Hz	486.140MHz
	220.320kHz	144.000Hz	599.270MHz
	306.397kHz	199.998Hz	833.400MHz

*1

*2

*1 HDMI inpt only

*2 DisplayPort inpt only

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