iiyama

USER MANUAL
G-MASTER

LCD Monitor

G-MASTER GCB3280QSU

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.

iiyama | Servicecard

VALUE FOR MONEY iiyama — Get more for less · Get more for less · Get more for less ·

AWARD-WINNER iiyama — Tested and approved · Tested and approved · Tested and approved ·

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.

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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.

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

Model No. : PL3280Q

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.

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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.

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 monitor area because of the type of computer that is used. In this case, adjust the picture position to the correct position.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen can be recovered slowly by changing the image or turning off the Power Switch for some hours.

CUSTOMER SERVICE

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

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 3000:1 (Typical), Advanced Contrast Function Available, Brightness 350cd/m^2 (Typical)**

◆ **Moving Picture Response Time 0.2ms**

◆ **Supports AMD FreeSync™ Technology**

◆ **Flicker - Free**

◆ **Blue Light Reducer**

◆ **Digital Character Smoothing**

◆ **2 × 2W Stereo Speakers**

◆ **Standby Feature**

◆ **VESA Mounting Standard (100mm×100mm) Compliant**

◆ **Keyhole for Security Lock**

CHECKING THE CONTENTS OF THE PACKAGE

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

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

CAUTION * All guarantees and warranties are void for any problems or damage caused by a power cable not supplied by iiyama.
An approved power cable greater or equal to H05VVF, 3G, 0.75mm² 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.

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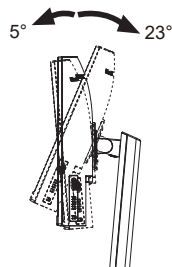
[DISPLAY ARM OR DESK ARM STAND]

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

Screw

Mounting Stage

L

Chassis
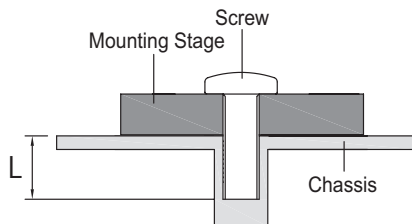
[LANDSCAPE MODE]

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
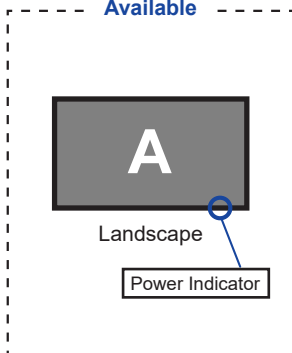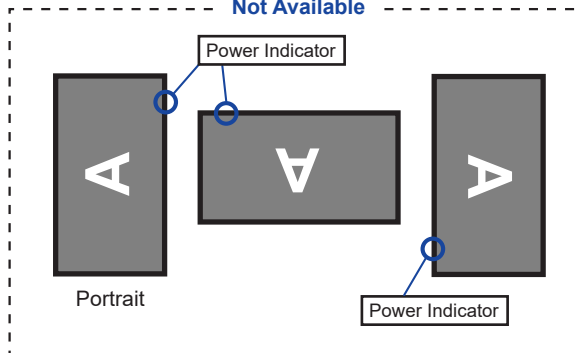
FITTING AND REMOVAL OF STAND

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.

<Installation>

① As shown below, place all the contents taken out from the carton box on a flat surface with the monitor front face down.

② Take off the rear cushion, Stand-Neck and Stand-Base.

Stand-Base
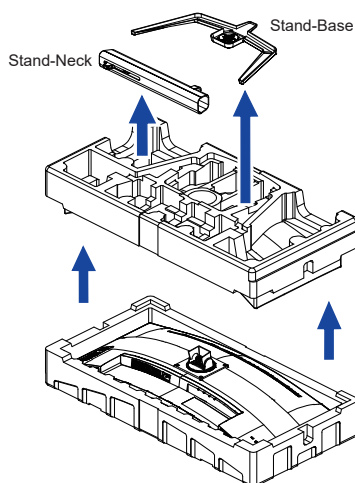
Stand-Neck

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

Stand-Neck
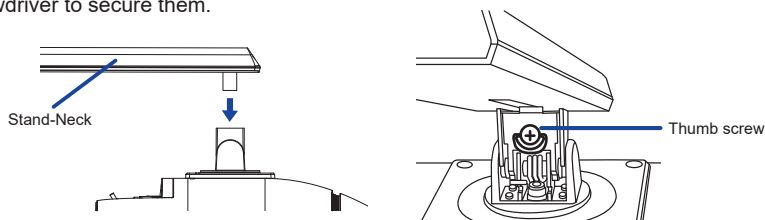
Thumb screw

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

Stand-Base

Thumb screw for Stand-Base
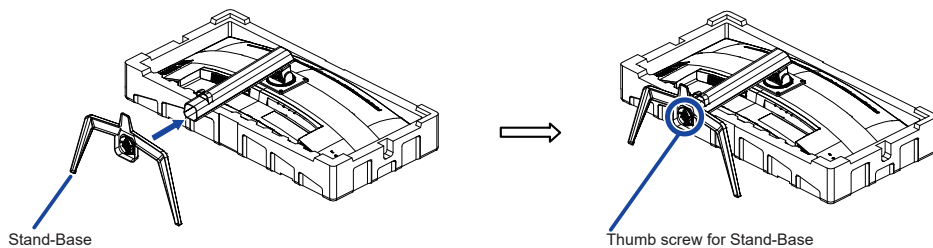
⑤ Stand the monitor and then remove the front cushion.

<Removal>
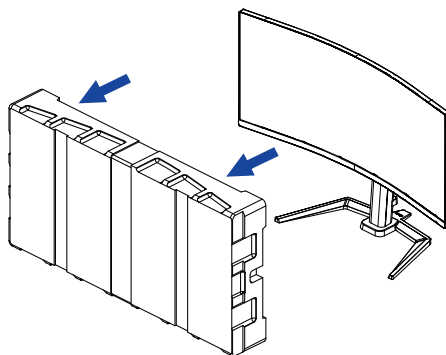
① Put the front cushion on a flat surface and place the monitor with face down on it.

② Loosen the 'thumb screw' with the provided screwdriver to remove the Stand-Base from the Stand-Neck.

③ Loosen the 'thumb screw' with the provided screwdriver to remove the Stand-Neck from the monitor.

CONTROLS AND CONNECTORS

<Front>   <Back>
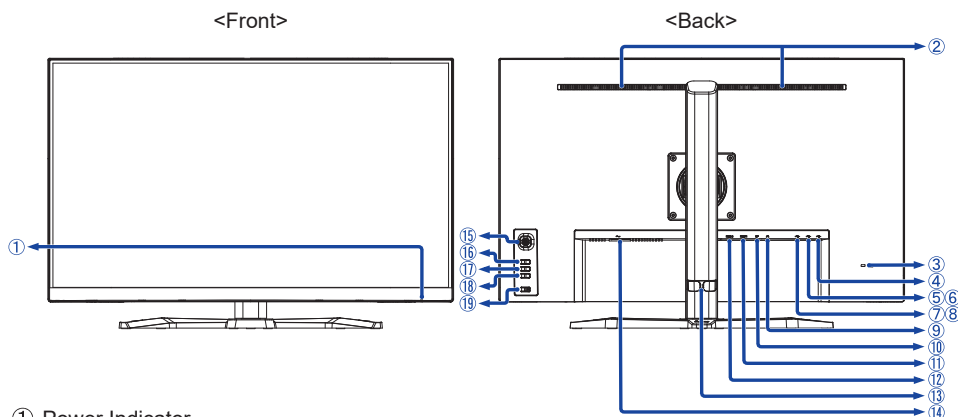
① Power Indicator

   NOTE Blue: Normal operation
             Orange: Standby mode

② Speakers

③ Keyhole for Security Lock

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

④ USB Upstream Connector (⚬⟿)

⑤⑥ USB Downstream Connector (⚬⟿ USB3.2 Gen 1: 5Gbps, 5V, 900mA)

⑦⑧ USB Downstream Connector (⚬⟿ USB3.2 Gen 1: 5Gbps, 5V, 900mA)

⑨ Headphone Connector (⌒)

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

⑩ DisplayPort Connector (DP)

⑪ HDMI Connector (HDMI-1)

⑫ HDMI Connector (HDMI-2)

⑬ Cable Holder

⑭ AC Connector (∼ : Alternating current)

⑮ Joystick
   Menu [Center]
   Up [⇧]
   Down [⇩]
   Left / i-Style Color [⇦] *1,2
   Right / Night Mode [⇨] *1,2

⑯ Input Select Button (INPUT) *1

⑰ Volume + Button (VOL +) *1

⑱ Volume – Button (VOL –) *1

⑲ Power Button (⏻)

*1 You can skip the Menu items and directly display an option setting screen or an adjustment scale.
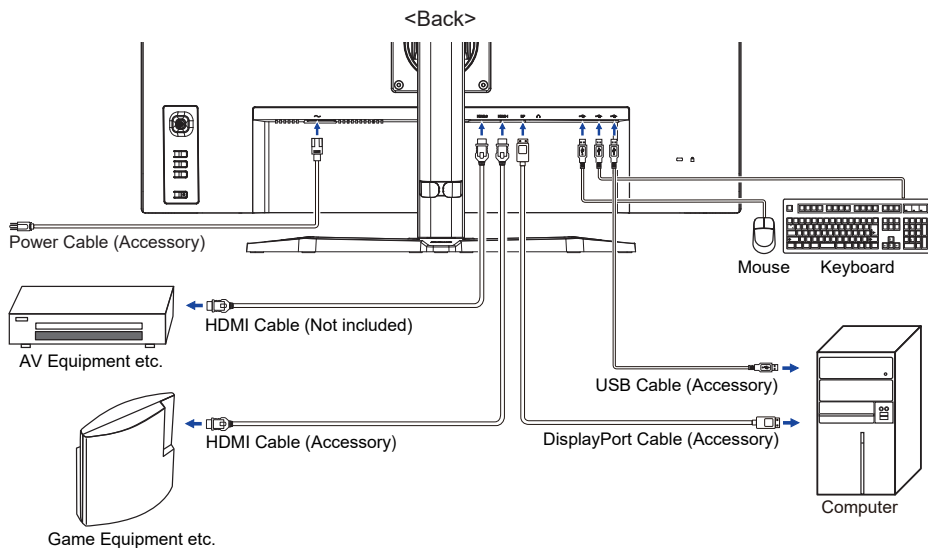*2 Direction when viewing the screen from the front

CONNECTING YOUR MONITOR

① Ensure that both the computer and the monitor are switched off.

② Connect the computer to the monitor with the signal cable.

③ Connect the computer to the monitor with the USB Cable.

④ Connect the Power Cable to the monitor first and then to the power source.
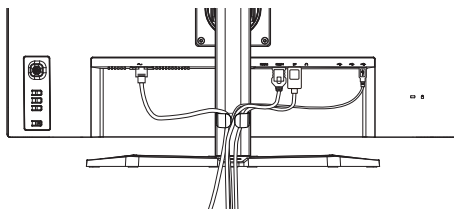
⑤ Turn on your monitor and computer.

| NOTE | ■ Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum). |

■ The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.

■ The Class I pluggable equipment Type A must be connected to protective earth.

■ The socket-outlet shall be installed near the equipment and shall be easily accessible.

■ Excessive sound pressure from ear-/headphones can cause hearing damage/hearing loss.

[Example of Connection]

<Back>

Power Cable (Accessory)

Mouse   Keyboard

HDMI Cable (Not included)

AV Equipment etc.

USB Cable (Accessory)

HDMI Cable (Accessory)

DisplayPort Cable (Accessory)

Computer

Game Equipment etc.

[Collect Cables]

Put the cables through the Cable Holder to bundle them.

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COMPUTER SETTING

■ Signal Timing

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

ADJUSTING THE HEIGHT AND THE VIEWING ANGLE

■ For optimal viewing it is recommended to position yourself directly opposite to the full face of the monitor, then adjust the monitor's height and angle to your own preference.

■ Hold the panel so that the monitor does not topple when you change the monitor's height or angle.

■ You are able to adjust the monitor's height up to 150mm, angle up to 45° right and left, 23° upward and 5° downward.

NOTE ■ Do not touch the LCD screen when you change the height or the angle. It may cause damage or break the LCD screen.

■ Careful attention is required not to pinch your fingers or hands into the moving part of the stand when you change the height or the angle.

■ Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height.

5°   23°

150mm

45°   45°

Monitor



Stand-Base
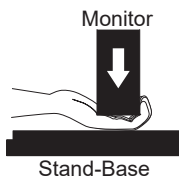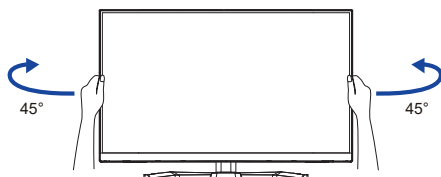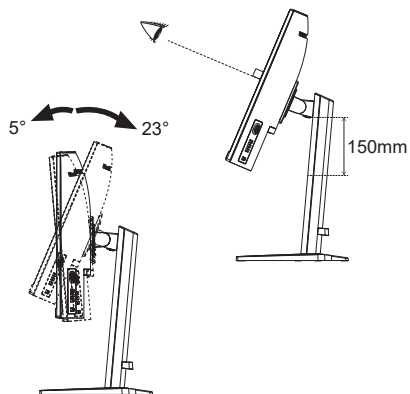
OPERATING THE MONITOR

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 operation shown below.

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

② **Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the Joystick. Then, tilt the Joystick [⇧/⇩] to highlight the desired adjustment icon.**

③ **Press the Joystick again. Tilt the Joystick [◁/▷] to make the appropriate adjustment or setting.**

④ **Press the Joystick and then tilt it [◁] or press the INPUT Button to leave the menu, and the settings you just made would be automatically saved.**

For example, to correct for OSD vertical position, select Menu item of **Setup Menu** and then press the Joystick. Then, select **OSD Vertical Position** by tilting the Joystick [⇧/⇩].
An adjustment scale becomes active after you press the Joystick. Then, tilt the Joystick [◁/▷] to change the OSD vertical position settings. The OSD vertical position of the overall display should be changing accordingly while you are doing this.
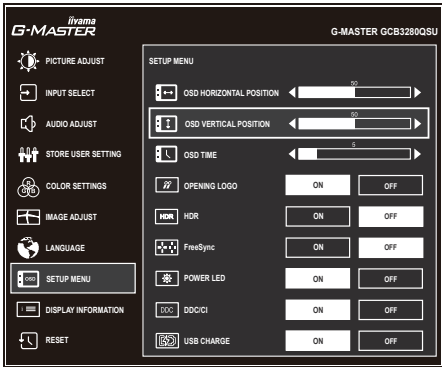
Press the Joystick and finally tilt it [◁] or press the INPUT Button to close the On Screen Display feature. All changes are saved in the memory.
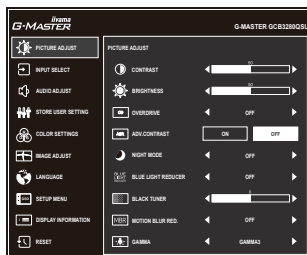
| NOTE | ■ When the Joystick operations are aborted during adjustment, On-Screen Display disappears when the time set for the **OSD Time** has passed. Also, tilting the Joystick [◁] or pressing the INPUT Button can be used to return previous menu and turn off the On Screen Display. |

■ Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.

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ADJUSTMENT MENU CONTENTS

⚙ Picture Adjust *¹	

Adjustment Item	Problem / Option	Joystick
Contrast	Too dull Too intense	👉➡ 👈⬅
Brightness *²	Too dark Too bright	👉➡ 👈⬅
Overdrive *³	Off / 1 / 2 / 3 / 4 / 5 It will improve the gray level response time of the LCD panel. A higher level results in a faster response time.	👉➡ 👈⬅
Adv. Contrast	On	Increased Contrast Ratio
	Off	Typical Contrast Ratio
Night Mode **Direct**	Off	Normal
	Mode1	Brightness of back-light is reduced.
	Mode2	Brightness of back-light is reduced more than Mode1.
	Mode3	Brightness of back-light is reduced more than Mode2.
Blue Light Reducer	Off	Typical
	Mode1	Blue light is reduced.
	Mode2	Blue light is reduced more than Mode1.
	Mode3	Blue light is reduced more than Mode2.
Black Tuner	From -5 to +5 You can adjust Dark shades.	👉➡ 👈⬅
Motion Blur Red. *³,⁴	Off / 1 / 2 / 3 / 4 / 5 / 6 / 7 Improve the moving picture response time of the LCD panel.	👉➡ 👈⬅
Gamma	Gamma1	
	Gamma2	
	Gamma3	

*¹ Selected adjustments and settings may not be possible due to other items that are enabled. See page 25 **Function Correlation Matrix** for more details.

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

*³ Disabled when Direct Drive Mode is not active.

*⁴ Motion Blur Reduction is available only when the refresh rate is 75Hz or more.
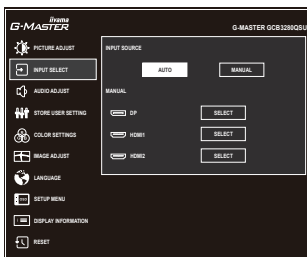
ENGLISH

Direct

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

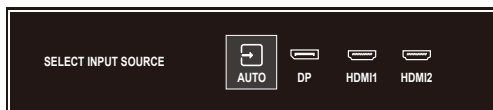● Night Mode: Tilt the Joystick [⇨] when the Menu is not displayed.

⊡ **Input Select**	G·MASTER G-MASTER GCB3280QSU
Direct	INPUT SOURCE AUTO MANUAL MANUAL DP SELECT HDMI1 SELECT HDMI2 SELECT

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

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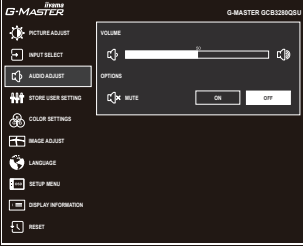
Direct

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

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

SELECT INPUT SOURCE ⊡ AUTO DP HDMI1 HDMI2

Audio Adjust	

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

Direct

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

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

Store User Setting		

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

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

Contrast, Brightness, Overdrive, Adv. Contrast, Night Mode, Black Tuner, Motion Blur Red., Gamma, Volume, Mute, Color Settings, Sharpness, Video Mode Adjust

⊕ Color Settings *

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

* Disabled when Blue Light Reducer or HDR is active.

▣ Image Adjust

Adjustment Item	Option		Joystick
i-Style Color *1 **Direct**	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	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 [▷] to change the picture quality in numerical order. Tilt [◁] to change the picture quality in reverse numerical order.		
HDMI Range *2	Full	For full-range color scale signal	
	Limited	For limited color scale signal	
Direct Drive Mode *3	On	Reduce the input-lag.	
	Off	Typical	

Direct

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

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

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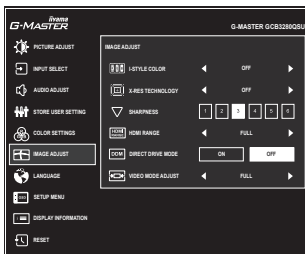
Adjustment Item	Option	
Video Mode Adjust	Full	Expansion display
	Aspect	Expansion display of Aspect
	Dot by Dot *[4]	Display the picture dot by dot.
	17inch *[4]	Display the picture as 17 inch screen (5 : 4).
	19inch *[4]	Display the picture as 19 inch screen (5 : 4).
	19.5inch *[4]	Display the picture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

*[1] Selected adjustments and settings may not be possible due to other items that are enabled. See page 25 **Function Correlation Matrix** for more details.

*[2] Available for HDMI input only.

*[3] Disabled when Adv. Contrast, or preset modes other than User Modes of i-Style Color are active.

*[4] Disabled when Direct Drive Mode is active.
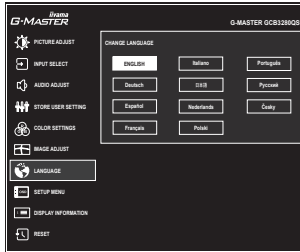
Adjustment Item	Option			
Language	English	English	Nederlands	Dutch
	Deutsch	German	Polski	Polish
	Español	Spanish	Português	Portuguese
	Français	French	Русский	Russian
	Italiano	Italian	Česky	Czech
	日本語	Japanese		

:osd: Setup Menu
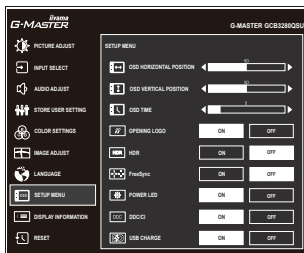
Adjustment Item	Problem / Option		Joystick
OSD Horizontal Position	OSD is too left		
	OSD is too right		
OSD Vertical Position	OSD is too low		
	OSD is too high		
OSD Time	You can set the OSD display time from 5 to 30 seconds.		
Opening Logo	On	G-MASTER Logo is displayed when the monitor is turned on.	
	Off	G-MASTER Logo is not displayed when the monitor is turned on.	
HDR *[1]	On	For HDR (High Dynamic Range) signal	
	Off	For normal signal	
FreeSync *[1,2]	On	Enable the FreeSync function.	
	Off	The FreeSync function is turned off.	
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	On	DDC/CI is On.	
	Off	DDC/CI is Off.	
USB Charge	On	USB devices can be charged even when the monitor is not connected to a working computer with the included USB Cable.	
	Off	USB devices cannot be charged when the monitor is not connected to a working computer with the included USB Cable.	

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

*[1] Selected adjustments and settings may not be possible due to other items that are enabled. See page 25 **Function Correlation Matrix** for more details.
*[2] Disabled when Direct Drive Mode is not active.

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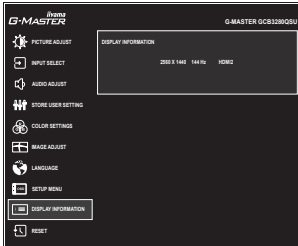
Displays information regarding the current input signal coming from the graphic card in your computer.

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

Reset
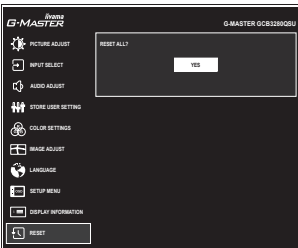
Adjustment Item	Option
Yes	Factory-preset data is restored.

● **Lock Mode:**

<OSD Menu>

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

<Power Button / OSD Menu>

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

ENGLISH

■ **Function Correlation Matrix**

Active item \ Selected item		Picture Adjust									Image Adjust			Setup Menu	
		Contrast	Brightness	Overdrive	Adv. Contrast	Night Mode	Blue Light Reducer	Black Tuner	Motion Blur Red.	Gamma	i-Style Color — All presets	i-Style Color — User Mode	X-Res Technology	HDR	Free Sync
Picture Adjust	Adv. Contrast	–	–	✓		–	–	✓	–	✓	✓	✓	✓	–	–
	Night Mode	✓	–	✓	–		–	✓	–	✓	✓	✓	✓	–	✓
	Blue Light Reducer	✓	✓	✓	–	–		✓	–	✓	✓	✓	✓	–	✓
	Motion Blur Red.	✓	–	–	–	–	–	–		✓	✓	✓	✓	–	–
Image Adjust	i-Style Color (All presets)	–	–	–	–	–	–	–	–	✓		✓	✓	–	✓
	Video Mode — Full / Aspect	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Adjust — Dot by Dot / Display size	✓	✓	–	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	–
Setup Menu	HDR	–	–	✓	–	✓	–	–	–	–	–	✓	–		✓
	FreeSync	✓	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	✓	

✓ : Available
– : Not available

ENGLISH

STANDBY FEATURE

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

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

■ **Standby Mode**

When the video signal from the computer is off, the monitor enters into Standby Mode which reduces the power consumption to 0.5W or less*. The screen becomes dark, and the power indicator turns to orange. From Standby Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.
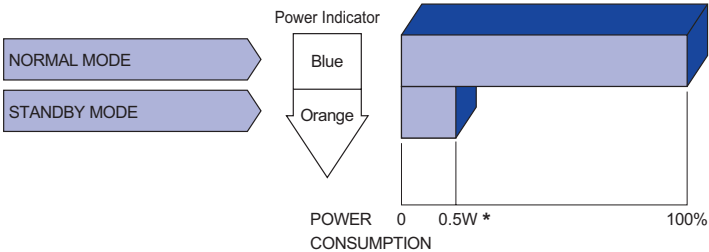
* When the USB devices are not connected.

TROUBLE SHOOTING

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

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

Problem	Check
① The picture does not appear.	
(Power indicator does not light up.)	☐ 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.

Problem	Check
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

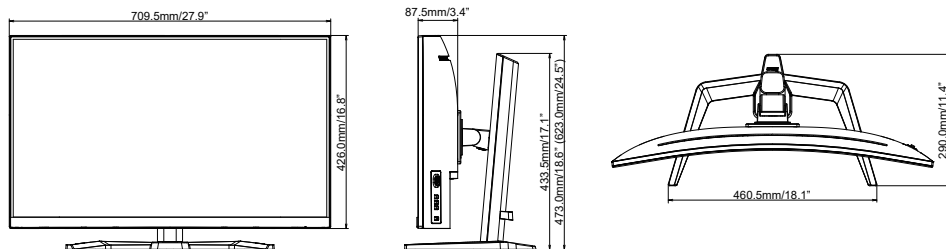Design and specifications are subject to change without prior notice.

SPECIFICATIONS : G-MASTER GCB3280QSU-B2

Size Category		32"
LCD Panel	Panel technology	VA
	Size	Diagonal: 31.5" (80cm)
	Curvature	1500R
	Pixel pitch	0.272mm H × 0.272mm V
	Brightness	350cd/m^2 (Typical), 155cd/m^2 (Default / Energy Saving)
	Contrast ratio	3000 : 1 (Typical), Advanced Contrast Function Available
	Viewable angle	Right / Left: 89° each, Up / Down: 89° each (Typical)
	MPRT	0.2ms
Display Colors		16,777,216
Sync Frequency		HDMI: Horizontal: 30.0-225.0kHz, Vertical: 48-144Hz DisplayPort: Horizontal: 30.0-265.0kHz, Vertical: 48-180Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Supported Max. Resolution		HDMI: 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, DC5V, 900mA)
Number of USB Ports Connector Shape		1 Upstream: Type-B 4 Downstream: Type-A
Headphone Connector *[1]		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		697.3mm W × 392.3mm H / 27.5" W × 15.4" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption *[2]		44W (Typical), 28W (Default / Energy Saving) Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions Net Weight		709.5 × 473.0 - 623.0 × 290.0mm / 27.9 × 18.6 - 24.5 × 11.4" (W×H×D) 9.0kg / 19.8lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23°, Downward: 5° Swivel: Right / Left: 45° each

Environmental Considerations		Operating: Temperature 5 to 35°C / 41 to 95°F
		                    Humidity 20 to 80% (No condensation)
		Storage: Temperature -20 to 60°C / -4 to 140°F
		                    Humidity 10 to 90% (No condensation)

Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE

NOTE *[1] Proper operation of connected external devices other than headphones is not guaranteed.
*[2] When the USB devices are not connected.

DIMENSIONS

709.5mm/27.9"

426.0mm/16.8"

87.5mm/3.4"

433.5mm/17.1" (623.0mm/24.5")

473.0mm/18.6"

290.0mm/11.4"

460.5mm/18.1"

( ) : Maximum adjustment range

COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock	
800 × 600	37.879kHz	60.317Hz	40.000MHz	
	46.875kHz	75.000Hz	49.500MHz	
1024 × 768	48.363kHz	60.004Hz	65.000MHz	
	60.023kHz	75.029Hz	78.750MHz	
1280 × 1024	63.981kHz	60.020Hz	108.000MHz	
	79.976kHz	75.025Hz	135.000MHz	
1920 × 1080	67.500kHz	60.000Hz	148.500MHz	
	135.000kHz	120.000Hz	297.000MHz	
2560 × 1440	88.787kHz	59.951Hz	241.500MHz	
	182.817kHz	119.880Hz	482.637MHz	
	221.970kHz	143.856Hz	586.000MHz	
	241.890kHz	165.000Hz	650.200MHz	*
	263.700kHz	180.000Hz	696.170MHz	*

NOTE * Available for DisplayPort input only.

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

* Available for Xbox Series X only.

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