iiyama

USER MANUAL

ProLite

LCD Monitor

ProLite XUB2790QSUH

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 · Get more for less · iiyama

AWARD-WINNER · Tested and approved · 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)

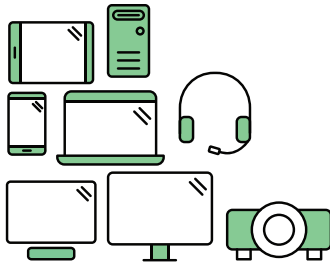| short description of the defect

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.

iiyama

Toward sustainable IT products

Say hello
to a more sustainable product

IT products are associated with a wide range of sustainability risks throughout their life cycle. Human rights violations are common in the factories. Harmful substances are used both in products and their manufacture. Products can often have a short lifespan because of poor ergonomics, low quality and when they are not able to be repaired or upgraded.

This product is a better choice. It meets all the criteria in TCO Certified, the world's most comprehensive sustainability certification for IT products. Thank you for making a responsible product choice, that help drive progress towards a more sustainable future!

Criteria in TCO Certified have a life-cycle perspective and balance environmental and social responsibility. Conformity is verified by independent and approved verifiers that specialize in IT products, social responsibility or other sustainability issues. Verification is done both before and after the certificate is issued, covering the entire validity period. The process also includes ensuring that corrective actions are implemented in all cases of factory non-conformities. And last but not least, to make sure that the certification and independent verification is accurate, both TCO Certified and the verifiers are reviewed regularly.

Want to know more?
Read information about TCO Certified, full criteria documents, news and updates at **tcocertified.com.** On the website you'll also find our Product Finder, which presents a complete, searchable listing of certified products.

ENGLISH

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. : PL2790Q

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   XUB2790QSUH-B1 : 1904633

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ENGLISH

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.

ENGLISH

CAUTION

INSTALLATION LOCATION

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

DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION

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

MAINTAIN GOOD VENTILATION

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

DISCONNECT THE CABLES WHEN YOU MOVE THE MONITOR

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

UNPLUG THE MONITOR

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

HOLD THE PLUG WHEN DISCONNECTING

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

DO NOT TOUCH THE PLUG WITH WET HANDS

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

WHEN YOU INSTALL THE MONITOR ON YOUR COMPUTER

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

CAREFUL! PROTECT YOUR HANDS AND FINGERS

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

REMARK FOR 24/7 USAGE

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

REMARK SPECIFIC TO DESKTOP USE

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

OTHERS

ERGONOMIC RECOMMENDATIONS

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

SPECIAL NOTES ON LCD MONITORS

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

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

CUSTOMER SERVICE

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

CLEANING

WARNING
- If you drop any materials or liquids such as water into the monitor when cleaning, unplug the power cable immediately and contact your dealer or iiyama service center.

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

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

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

- Touching the cabinet with any product made from rubber or plastic for a long time may cause degeneration or loss of paint on the cabinet.

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

LCD SCREEN Periodic cleaning with a soft dry cloth is recommended. Don't use tissue paper etc. because these will damage the LCD screen.

BEFORE YOU OPERATE THE MONITOR

FEATURES

◆ **Supports Resolutions up to 2560 × 1440**

◆ **High Contrast 1300:1 (Typical), Adv. Contrast Function Available, Brightness 250cd/m^2 (Typical)**

◆ **Moving Picture Response Time 0.4ms**

◆ **Blue Light Reducer**

◆ **Flicker Free**

◆ **Digital Character Smoothing**

◆ **USB Type-C Connectors**

◆ **USB Power Delivery supports up to 65W**

◆ **2 × 2W Stereo Speakers**

◆ **Ergonomic Design: TCO Certified**

◆ **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 (Type-C-C) ■ USB Cable (Type-A-B) ■ Stand-Neck
■ Stand-Base with a screw ■ Screwdriver ■ Safety Guide
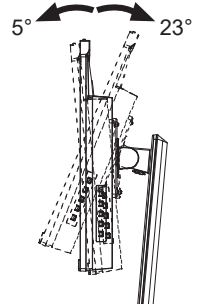■ Quick Start Guide

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.

■ Panel angle adjustment range : 23° upward and 5° downward

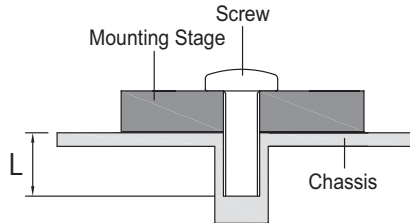■ This product cannot be used with the monitor screen facing downward/upward.
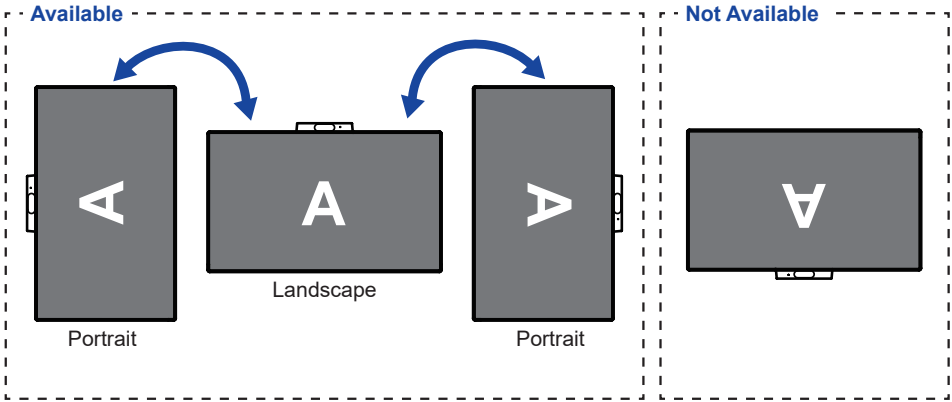
5°   23°

< 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 8mm 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

< ROTATING THE MONITOR >

The monitor is designed to be compatible with both landscape and portrait modes.

Portrait display must be adjusted using the display settings of the connected device.

Available

Portrait Landscape Portrait

Not Available

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.

ENGLISH
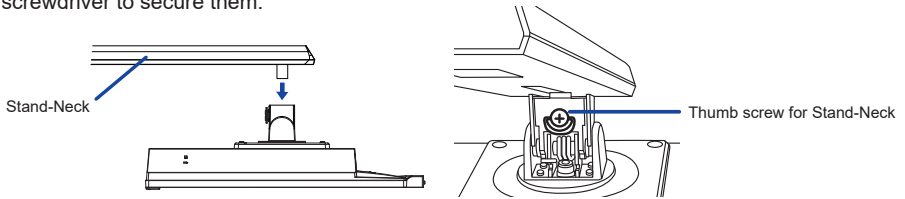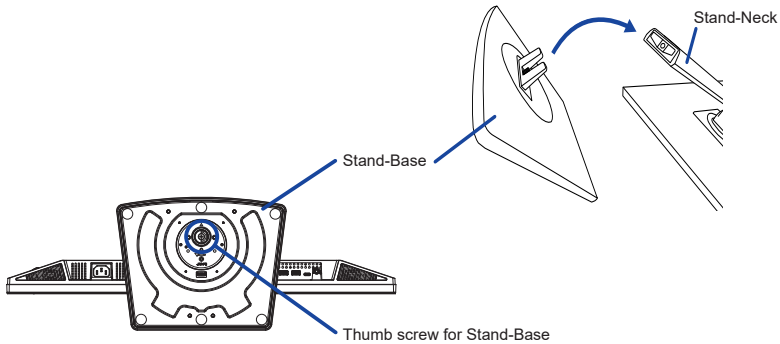
FITTING AND REMOVAL OF STAND

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 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.
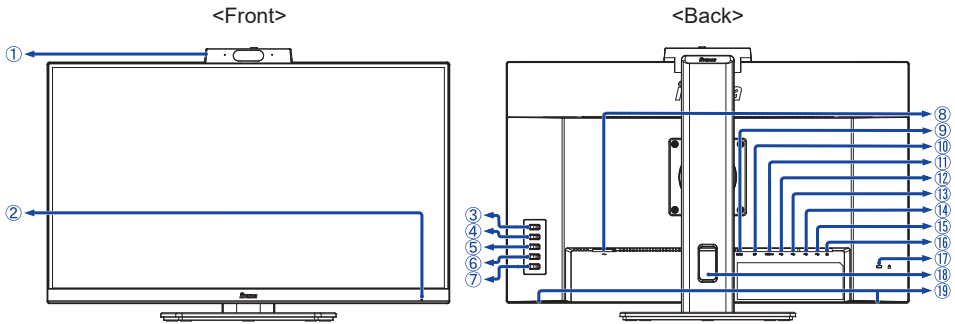
Stand-Neck

Thumb screw for Stand-Neck

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

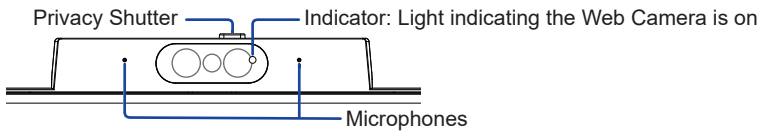Stand-Neck

Stand-Base

Thumb screw for 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' 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 Web Camera

Privacy Shutter ——— Indicator: Light indicating the Web Camera is on

——— Microphones

② Power Indicator

NOTE   Blue: Normal operation

Orange: Standby mode

③ Signal Select / Exit Button (INPUT)

④ + / Volume Button (+)

⑤ – / Eco Button (–)

⑥ Menu Button (MENU)

⑦ Power Button (⏻)

⑧ AC Connector (∼ : Alternating current)

⑨ HDMI Connector (HDMI)

⑩ DisplayPort Connector (DP)

⑪ USB Type-C Upstream Connector (USB-C USB3.2 Gen 1: 5Gbps, 20V, 3.25A)

⑫ USB Type-B Upstream Connector (⇛)

⑬ USB Type-A Downstream Connector (⇛ USB3.2 Gen 1: 5Gbps, 5V, 900mA)

⑭ USB Type-A Downstream Connector (⇛ USB3.2 Gen 1: 5Gbps, 5V, 900mA)

⑮ USB Type-C Downstream Connector (⇛ USB3.2 Gen 1: 5Gbps, 5V, 1.5A)

⑯ Headphone Connector (⌒)

⑰ Keyhole for Security Lock (🔒)

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

⑱ Cable Hole

⑲ Speakers

CONNECTING YOUR MONITOR
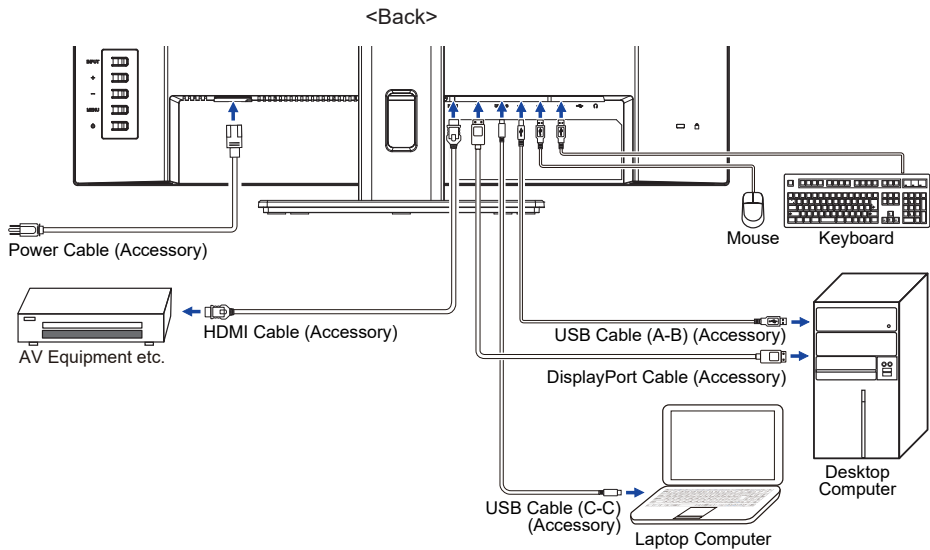
① Ensure that both the computer and the monitor are switched off.
② Connect the computer to the monitor with the signal cable.
③ Connect the computer to the monitor with the USB Cable (Type-A-B).
④ Connect the computer to the monitor with the USB Cable (Type-C-C) when viewing images on your monitor through the USB Type-C Connector or when using the monitor's USB hub function.*
⑤ Connect the Power Cable to the monitor first and then to the power source.
⑥ Turn on your monitor and computer.

* ● When charging connected device via USB Type-C Connector (USB C), check if the device is equipped with a USB Type-C Connector that supports charging function via USB PD (=Power Delivery).
  ● Turn on the "USB BC" function to allow connected device to be charged even when the monitor is in standby mode. See page 19 for USB Battery Charge (USB BC) function.
  ● The USB PD is up to 65W. If the connected device required more than 65W for operation or for boot up (when the battery is drained), use the original power adapter that came with the device.
  ● If a separately purchased USB cable (Type-C-C) is used, make sure the cable is certified by USB-IF and is full-featured with power delivery and video / audio / data transfer functions.
  ● If the monitor is in standby mode, it will not display a picture automatically in the following situations:
  1. First boot of the PC   2. When the PC is resuming from standby mode
  To display a picture, press the INPUT Button. This behaviour is normal. To prevent this behaviour, please access the OSD menu and set "USB BC" to "ON".
  ● USB cable (Type-A-C) is not included with the monitor. If you use a USB cable (Type-A-C), please note that you can only transfer data.
  ● Compatibility with all connected devices is not guaranteed due to different user environments.
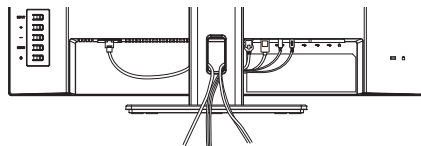
NOTE ■ Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
      ■ The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The 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)

HDMI Cable (Accessory)

AV Equipment etc.

Mouse   Keyboard

USB Cable (A-B) (Accessory)

DisplayPort Cable (Accessory)

Desktop Computer

USB Cable (C-C) (Accessory)

Laptop Computer

[Collect Cables]

Put the cables through the cable hole 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.
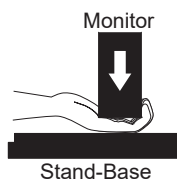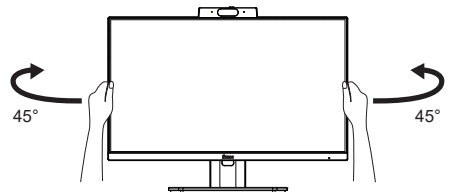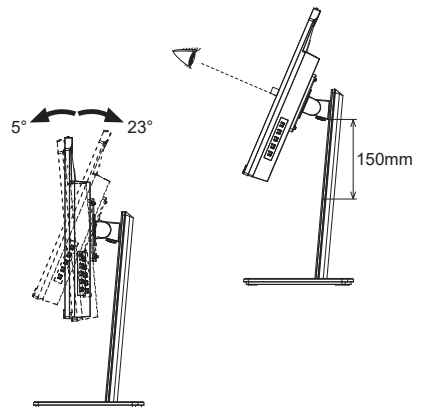
COMPUTER SETTING

■ Signal Timing
Change to the desired signal timing listed on page 26: 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 26. You are also able to adjust the picture by following the button operation shown below.
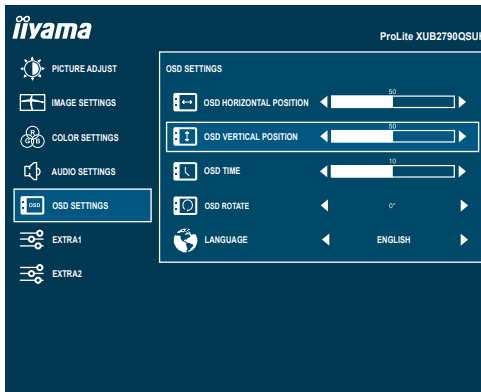
① **Press the MENU Button to start the On Screen Display feature. There are additional Menu items which can be switched by using the + / – Buttons.**

② **Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the MENU Button. Then, use the + / – Buttons to highlight the desired adjustment icon.**

③ **Press the MENU Button again. Use the + / – Buttons to make the appropriate adjustment or setting.**

④ **Press the 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 "OSD SETTINGS" of Menu item and then press the MENU Button. Then, select "OSD Vertical Position" by using the + / – Buttons and press the MENU Button again.

Then, use the + / – Buttons to change the OSD vertical position settings. The OSD vertical position should be changing accordingly while you are doing this.

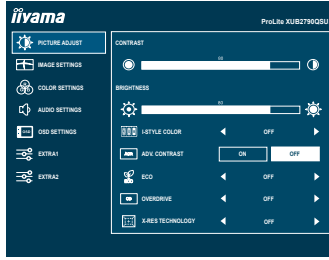When you press the INPUT Button to end the adjustment, all changes are saved in the memory.

> **NOTE**

■ When button operations are aborted during adjustment, On-Screen Display disappears when the time set for the "OSD Time" has passed. Also, the INPUT Button can be used to return previous menu and turn off the On-Screen Display.

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

ADJUSTMENT MENU CONTENTS

Picture Adjust

Adjustment Item	Problem / Option		Button to Press
Contrast [1]	Too dull		+
	Too intense		−
Brightness [1,2]	Too dark		+
	Too bright		−
i-Style Color [1]	Off	Returns to a state set by color adjustment except i-Style Color.	
	Standard	For general windows environment and monitor default setting	
	Text	For text editing and viewing in a word processing environment	
	Internet	For internet environment	
	Game	For PC game environment	
	Movie	For movie and video environment	
	Sports	For sport environment	
Adv. Contrast [1]	On	Increased Contrast Ratio	
	Off	Typical Contrast Ratio	
Eco [1]	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.	
Overdrive [1,3]	Off / 1 / 2 / 3 / 4 / 5 Improves the gray level response time of the LCD panel. A higher level results in a faster response time.		+ / −
X-Res Technology	Off	Normal	
	Soft	Enhances the picture edge.	
	Middle	Enhances the picture edge more than the Soft option.	
	Hard	Enhances the picture edge more than the Middle option.	

Direct (for Eco)

*[1] Adjustments and settings may not be possible due to other items that are enabled. See page 21 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.
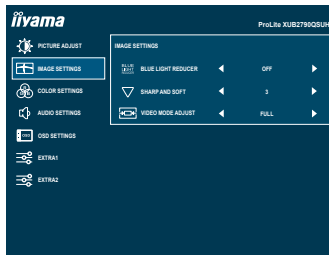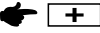*[3] When Overdrive is activated, some level of image retention will be caused.

Direct

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

● Eco: Press the – Button when the Menu is not displayed.

ENGLISH

▣ Image Settings

Adjustment Item	Problem / Option		Button to Press
Blue Light Reducer *¹	Off	Typical	
	Mode1	Blue light is reduced.	
	Mode2	Blue light is reduced more than Mode1.	
	Mode3	Blue light is reduced more than Mode2.	
Sharp and Soft	1 2 3 4 5 6 You can change the picture quality from 1 to 6 (sharp to soft). Press the + Button to change the picture quality in numerical order. Press the – Button to change the picture quality in reverse numerical order.		
Video Mode Adjust *²,³	Full	Expansion display	
	Aspect	Expansion display of Aspect	

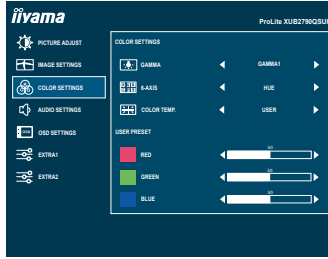*¹ Adjustments and settings may not be possible due to other items that are enabled. See page 21 Function Correlation Matrix for more details.

*² It can display in the center of the screen with a 4:3, 5:4 or 16:10 aspect ratio when input video resolution is 4:3, 5:4 or 16:10.

*³ Disabled when Adaptive Sync is activated.

⊛ Color Settings

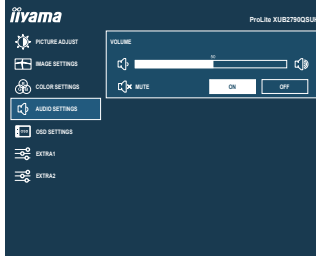| Adjustment Item	Problem / Option			Button to Press
Gamma *[1]	Gamma1	Normal		
	Gamma2	Dark		
	Gamma3	High contrast		
6-Axis *[1,2]	Hue	Red	Too weak Too strong	← + ← −
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
	Saturation	Red	Too weak Too strong	← + ← −
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
Color Temp. *[2,3]	User	Red	Too weak Too strong	← + ← −
		Green		
		Blue		
	Warm	Warm color		
	Normal	Normal color		
	Cool	Cool color		

*[1] Disabled when i-Style Color is activated.

*[2] Disabled when Blue Light Reducer is activated.

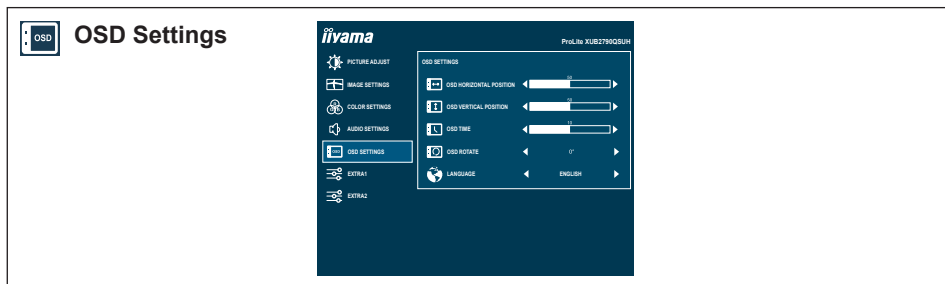*[3] Disabled when Adv. Contrast is activated.

Audio Settings

Adjustment Item	Problem / Option		Button to Press
Volume **Direct**	Too soft Too loud		＋ －
Mute	On	Turns off the sound temporarily.	
	Off	Returns the sound volume to the previous level.	

Direct

You can skip the Menu items and directly display an adjustment scale by using the following button operations.
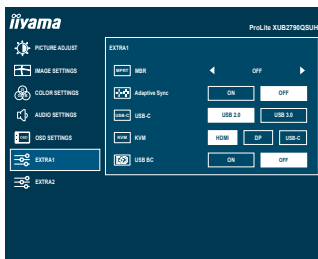
● Volume: Press the + Button when the Menu is not displayed.

OSD Settings

Adjustment Item	Problem / Option			Button to Press
OSD Horizontal Position	OSD is too left OSD is too right			☜ + ☜ −
OSD Vertical Position	OSD is too high OSD is too low			☜ + ☜ −
OSD Time	You can set the OSD display duration time between 5 and 60 seconds.			☜ + ☜ −
OSD Rotate *	Rotates the OSD. 0˚ / +90˚ / −90˚			☜ + ☜ −
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		

* +90˚: Appropriate for portrait mode with the monitor rotated to the right.

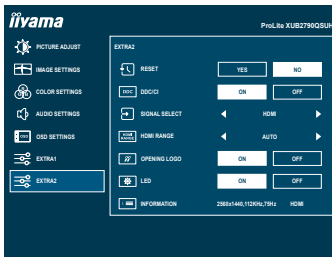−90˚: Appropriate for portrait mode with the monitor rotated to the left.

⚙ Extra1

Adjustment Item	Option		Button to Press
MBR *[1,2]	Off / 1 / 2 / 3 / 4 / 5 / 6 / 7 Reduces motion blur on the LCD panel.		[+] [−]
Adaptive Sync *[1]	On	Enables Adaptive Sync function.	
	Off	Disables Adaptive Sync function.	
USB-C	USB 2.0	Selects the data transfer speed when connecting via USB Type-C.	
	USB 3.0		
NOTE When USB 3.0 is selected for USB Type-C input, display colors will be reduced at 2560 × 1440 100Hz resolution.			
KVM	HDMI	USB-B	When two or three computers are connected to the monitor, you can link the input source with the USB upstream connector.
		USB-C	
	DP	USB-B	
		USB-C	
	USB-C	USB-B	
		USB-C	
USB BC	On	USB devices can be charged even when the monitor is in the standby mode.	
	Off	USB devices can not be charged even when the monitor is in the standby mode.	
NOTE When the monitor is turned off, USB devices cannot be charged even when the USB BC function is on. While this function is off, USB devices do not operate even when the monitor is in standby mode to save standby electricity. When operating USB devices, turn this function on.			

*[1] Adjustments and settings may not be possible due to other items that are enabled. See page 21 Function Correlation Matrix for more details.

*[2] Disabled when Adaptive Sync is activated. Available when the refresh rate is 75Hz or higher. 100Hz is recommended.

⚙️ Extra2

Adjustment Item	Option	
Reset	Yes	Factory-preset data is restored.
	No	Returns to Menu.
DDC/CI	On	Enables DDC/CI function.
	Off	Disables DDC/CI function.
Signal Select **Direct**	Auto	Searches for an available input source and select automatically.
	HDMI	Selects the HDMI input.
	DP	Selects the DisplayPort input.
	USB-C	Selects the USB Type-C input.
NOTE "Auto" function 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.		
HDMI Range *	Full Range	For full-range color scale signal
	Limited Range	For limited color scale signal
	Auto	Select the HDMI Range automatically.
Opening Logo	On	Opening Logo "iiyama" is On.
	Off	Opening Logo "iiyama" is Off.
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.		
Information	Displays 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.	

* Available for the HDMI input only.

Direct

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

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

● **Lock Mode**

<OSD menu>
When the monitor is powered off, press and hold the MENU Button and power on the monitor to lock/unlock the OSD menu.

<Power Button / OSD menu>
When the Menu is not displayed, press and hold the MENU Button for 10 seconds to lock/unlock the Power Button / OSD menu at the same time.

■ **Function Correlation Matrix**

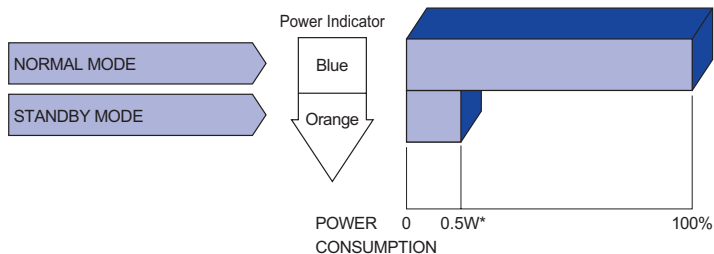| Selected item / Active item	Picture Adjust						Image Settings	Extra1	
	Contrast	Brightness	i-Style Color	Adv. Contrast	Eco	Overdrive	Blue Light Reducer	MBR	Adaptive Sync
i-Style Color	–	–		–	–	✓	–	–	–
Adv. Contrast	–	–	–		–	✓	–	–	–
Eco	✓	–	–	–		✓	–	–	✓
Blue Light Reducer	✓	✓	–	–	–	✓		–	✓
MBR	✓	–	✓	–	–	–	–		–
Adaptive Sync	✓	✓	–	–	✓	✓	✓	–	

✓ : Available
– : Not available

STANDBY FEATURE

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

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

■ **Standby Mode**

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

* When the USB devices are not connected.

TROUBLE SHOOTING

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

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

Problem	Check
① The picture does not appear.	
(Power indicator does not light up.)	☐ 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.
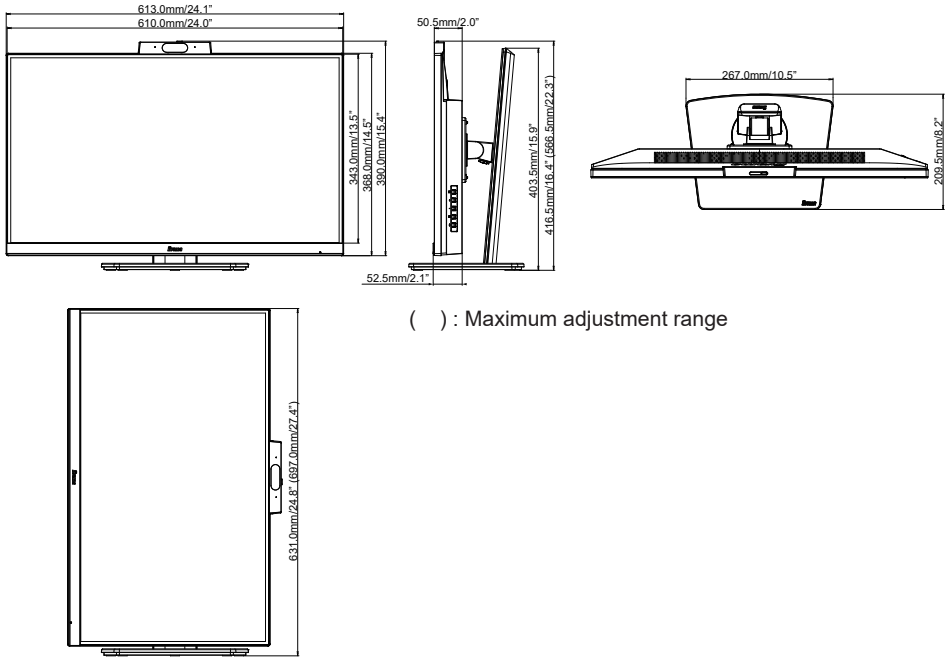Please visit our web site: https://iiyama.com for monitor recycling.

APPENDIX

Design and specifications are subject to change without prior notice.

SPECIFICATIONS : ProLite XUB2790QSUH-B1

Size Category		27"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 27" (68.5cm)
	Pixel pitch	0.233mm H × 0.233mm V
	Brightness	250cd/m^2 (Typical), 155cd/m^2 (Default / Energy Saving)
	Contrast ratio	1300 : 1 (Typical), Advanced Contrast Function Available
	Viewable angle	Right / Left: 89° each, Up / Down: 89° each (Typical)
	MPRT	0.4ms
Display Colors		Approx. 16.7 Million
Sync Frequency		Horizontal: 30.0-147.0kHz, Vertical: 48-100Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Support max. resolution		HDMI: 2560 × 1440, 100Hz DisplayPort: 2560 × 1440, 100Hz USB Type-C: DP Alt mode 2560 × 1440, 100Hz
Input Connector		HDMI, DisplayPort, USB Type-B, USB Type-C
Input Video Signal		HDMI, DisplayPort, USB Type-C (DP Alt mode)
USB Standard		USB3.2 Gen 1 (5Gbps, DC5V, 900mA), USB Power Delivery (65W)
Number of USB Ports Connector shape		2 Upstream: Type-B, Type-C 3 Downstream: Type-A × 2, Type-C × 1
Headphone Connector		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 *		26W (Typical), 21W (Default / Energy Saving) Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions		613.0 × 416.5 - 566.5 × 209.5mm / 24.1 × 16.4 - 22.3 × 8.2" (W×H×D)
Net Weight		6.7kg / 14.8lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23°, Downward: 5° Swivel: Left / Right: 45° each Rotation: Clockwise / Counterclockwise: 90° each
Web Camera	Max. Resolution	1080p / 30fps
	Focus Type	Autofocus
	Microphone	Built-in Mic
	Field of View	80°

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

Approvals		TCO Certified, CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

NOTE * When the USB devices are not connected.

DIMENSIONS

( ) : Maximum adjustment range

COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock	
800 × 600	37.879kHz	60.317Hz	40.000MHz	
	46.875kHz	75.000Hz	49.500MHz	
1024 × 768	48.363kHz	60.004Hz	65.000MHz	
	60.023kHz	75.029Hz	78.750MHz	
1280 × 1024	63.981kHz	60.020Hz	108.000MHz	
	79.976kHz	75.025Hz	135.000MHz	
1680 × 1050	65.290kHz	60.000Hz	146.250MHz	
1920 × 1080	67.500kHz	60.000Hz	148.500MHz	
	83.890kHz	74.970Hz	174.500MHz	
	95.540kHz	85.000Hz	198.723MHz	
	110.000kHz	100.000Hz	228.800MHz	
2560 × 1440	88.860kHz	60.000Hz	241.699MHz	
	111.900kHz	75.000Hz	304.368MHz	
	127.420kHz	85.000Hz	346.569MHz	
	146.400kHz	100.000Hz	401.136MHz	*

* For USB Type-C input, selecting "USB 3.0" for "USB-C" in menu Extra1 will reduce the display colors.

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