

USER MANUAL

ProLite

LCD Monitor

ENGLISH

ProLite XB2496HSC

ProLite XB2796HSC

ProLite XB2796QSC

ProLite X2496HSC

ProLite X2796HSC

ProLite X2796QSC

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.

* 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. : PL2496H / PL2796H / PL2796Q

Decreasing the blue light emitted by the monitor reduces the blue light exposure to your eyes.

This monitor uses a low blue light panel default setting mode, that when used in the default setting mode, is certified by TÜV to reduce blue light output and create a more relaxing and less stimulating image while reading content on the screen.

Health recommendations:

Looking at something varying distances after a long period focusing on the screen. Conscious Blinking often while you work. Gently closing and rolling your eyes to relax.

Reposition your screen to appropriate height and angle according to your height. Adjusting the brightness and contrast to appropriate level. Adjusting the environment lighting like that of your screen brightness, avoid the fluorescent lighting, and surfaces that don't reflect too much light. Seeing a doctor if your symp-toms.



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

XB2496HSC-B1 : 2458161

X2496HSC-B1 : 2458152

XB2796HSC-B1 : 2460776

X2796HSC-B1 : 2460713

XB2796QSC-B1 : 2467674

X2796QSC-B1 : 2467697

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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 (Chlorine bleach)	Cleaning paper
	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 1920 × 1080 :
ProLite XB2496HSC / ProLite X2496HSC /
ProLite XB2796HSC / ProLite X2796HSC
- ◆ Supports Resolutions up to 2560 × 1440 :
ProLite XB2796QSC / ProLite X2796QSC
- ◆ High Contrast 1500:1 (Typical), Adv. Contrast Function Available
Brightness 300cd/m² (Typical) :
ProLite XB2496HSC / ProLite X2496HSC /
ProLite XB2796HSC / ProLite X2796HSC
- ◆ High Contrast 1000:1 (Typical), Adv. Contrast Function Available
Brightness 350cd/m² (Typical) :
ProLite XB2796QSC / ProLite X2796QSC
- ◆ Quick Response Time 3ms (Gray to Gray) :
ProLite XB2496HSC / ProLite X2496HSC /
ProLite XB2796HSC / ProLite X2796HSC
- ◆ Quick Response Time 4ms (Gray to Gray) :
ProLite XB2796QSC / ProLite X2796QSC
- ◆ Flicker Free
- ◆ Blue Light Reducer
- ◆ Digital Character Smoothing
- ◆ USB Type-C Power Delivery supports up to 65W
- ◆ 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} | ■ USB Cable (Type-C-C) | ■ VESA Plate ^{*2} |
| ■ Stand-Neck | ■ Stand-Base with a screw ^{*2} | ■ Screwdriver ^{*2} |
| ■ Stand-Base ^{*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.

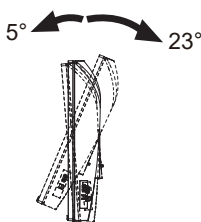
^{*2} Accessory for ProLite XB2496HSC / ProLite XB2796HSC / ProLite XB2796QSC

^{*3} Accessory for ProLite X2496HSC / ProLite X2796HSC / ProLite X2796QSC

USING ARM OR STAND

CAUTION

- This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.
- Before installation, make sure the display arm or desk arm stand is strong enough to hold the necessary weight of the monitor and the mount.
- The monitor angle should be within 23° upward and 5° downward. This product cannot be used facing upward or downward beyond this range.
- If the monitor is used (installed) at an angle more than 5° downward, the LCD may peel off from the bezel and fall, resulting in damage. In addition, such cases will not be covered by support or warranty.
- Regularly check the tightness of the screws. If the screws are not tight enough, the monitor may come off and cause injury or damage.

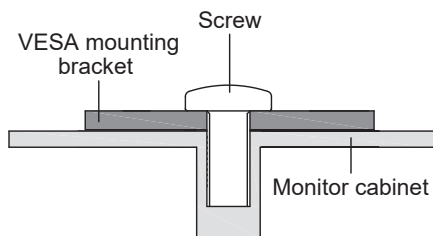


[DISPLAY ARM OR DESK ARM STAND]

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.

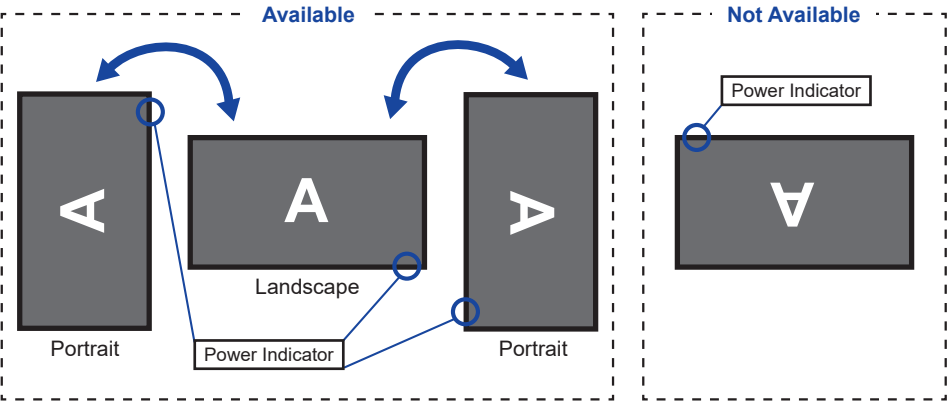
For this product, the thickness of the VESA mounting bracket is assumed to be approx. 2.5mm.



[ROTATING THE MONITOR]

• ProLite XB2496HSC / ProLite XB2796HSC / ProLite XB2796QSC

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.



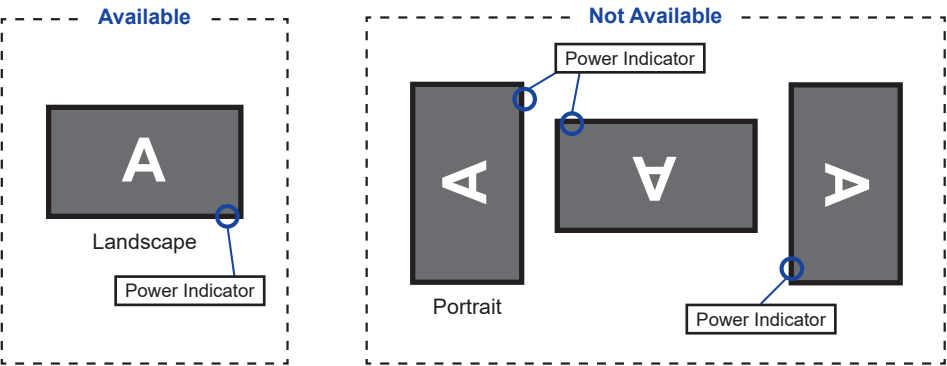
With Stand:

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.

• ProLite X2496HSC / ProLite X2796HSC / ProLite X2796QSC

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



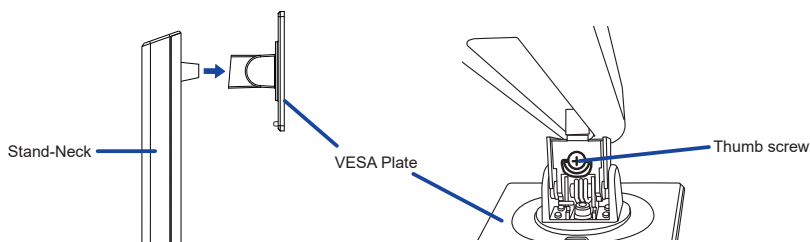
FITTING AND REMOVAL OF STAND : ProLite XB2496HSC / ProLite XB2796HSC / ProLite XB2796QSC

CAUTION

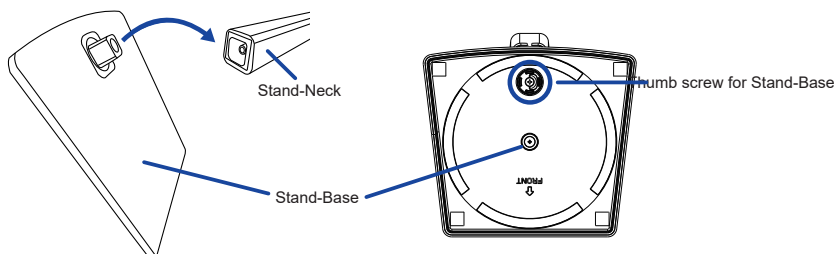
- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.
- Regularly check the tightness of the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

<Installation>

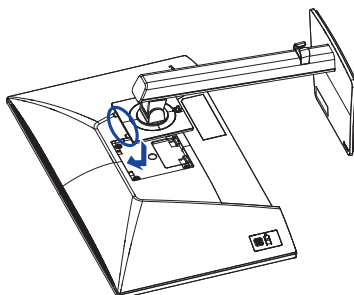
- ① Attach the Stand-Neck to the VESA Plate and then tighten the 'thumb screw' with the provided screwdriver to secure them.



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

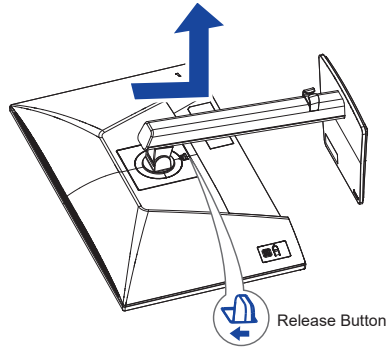


- ③ Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ④ Hold the monitor and install the assembled stand to the monitor until it clicks to secure.



<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.

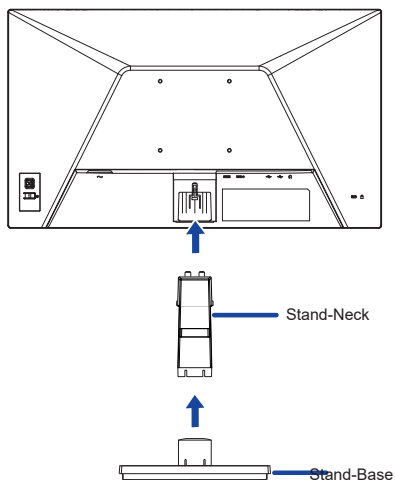
FITTING AND REMOVAL OF STAND : ProLite X2496HSC / ProLite X2796HSC / ProLite X2796QSC

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.

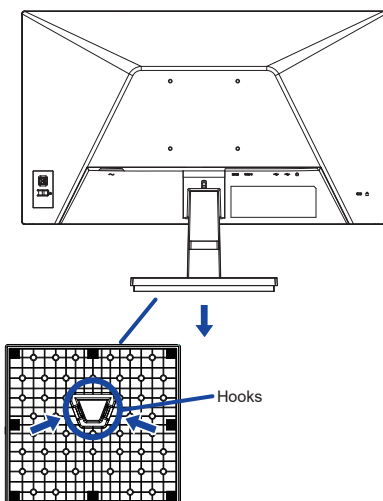
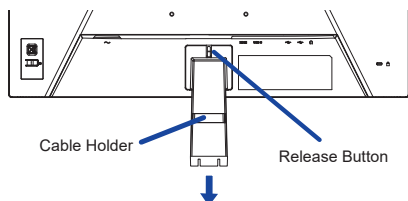
<Installation>

- 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 Hold the monitor and install the Stand-Neck to the monitor until it clicks to secure.
- ③ Install the Stand-Base to the Stand-Neck.



<Removal>

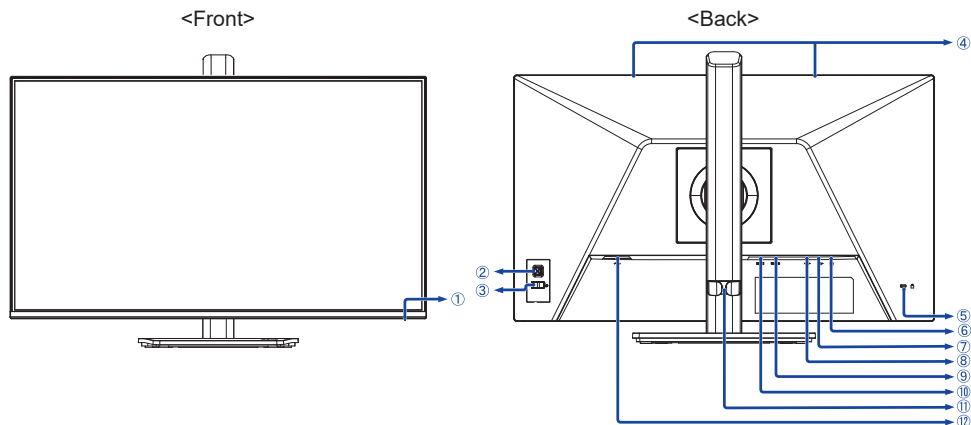
- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ② Keep pressing the Hooks inward to pull out the Stand-Base.
- ③ Press the release button and remove the Stand-Neck from the monitor.



CONTROLS AND CONNECTORS :

ProLite XB2496HSC / ProLite XB2796HSC / ProLite XB2796QSC

ENGLISH



① Power Indicator

NOTE Blue: Normal operation
Orange: Standby mode

② Joystick

Menu [Center]

Up / Signal Select [↑] *¹ **Direct**

Down / Brightness / Overdrive / ECO / i-Style Color [↓] **Shortcut**

Left / Volume [⇐] *^{1,2} **Direct**

Right / Volume [⇒] *^{1,2} **Direct**

③ Power Button (⏻)

④ Speakers

⑤ Keyhole for Security Lock

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

⑥ Headphone Connector (🎧)

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

⑦ USB Type-C Downstream Connector (🔄 USB3.2 Gen 1: 5Gbps, 5V, 1A)

⑧ USB Type-A Downstream Connector (🔄 USB3.2 Gen 1: 5Gbps, 5V, 900mA)

⑨ USB Type-C Upstream Connector (🔄 USB3.2 Gen 1: 5Gbps, 20V, 3.25A)

⑩ HDMI Connector (HDMI)

⑪ Cable Holder

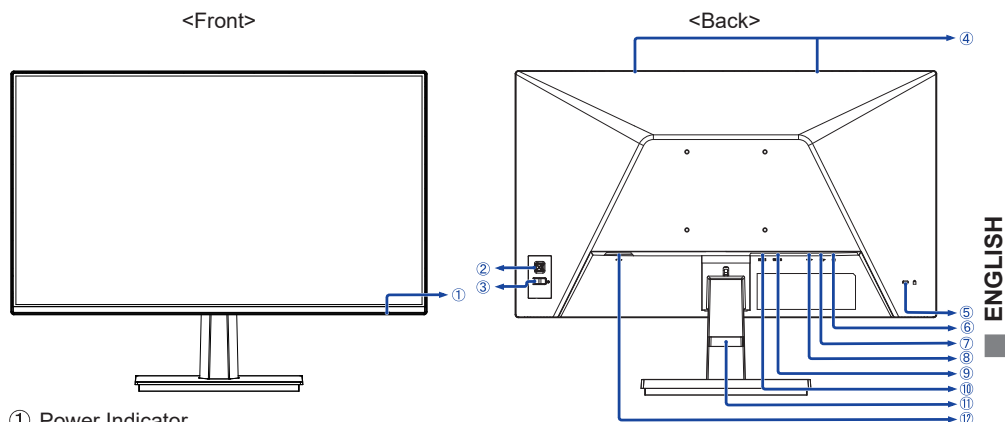
⑫ AC Connector (~ : Alternating current)

*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

CONTROLS AND CONNECTORS :

ProLite X2496HSC / ProLite X2796HSC / ProLite X2796QSC



① Power Indicator

NOTE Blue: Normal operation
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⑨ USB Type-C Upstream Connector (🔄 USB3.2 Gen 1: 5Gbps, 20V, 3.25A)

⑩ HDMI Connector (HDMI)

⑪ Cable Holder

⑫ AC Connector (~ : Alternating current)

*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 (Type-C-C) when viewing images on your monitor through the USB Type-C Connector (USB C) or when using the monitor's USB hub function.*
- ④ Connect the Power Cable to the monitor first and then to the power source.
- ⑤ 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).
- The connected device can be charged via USB Type-C Connector even when the monitor is in standby mode. See page 25 for "USB Charge" function.
- The USB power delivery 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 Type-C Cable 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

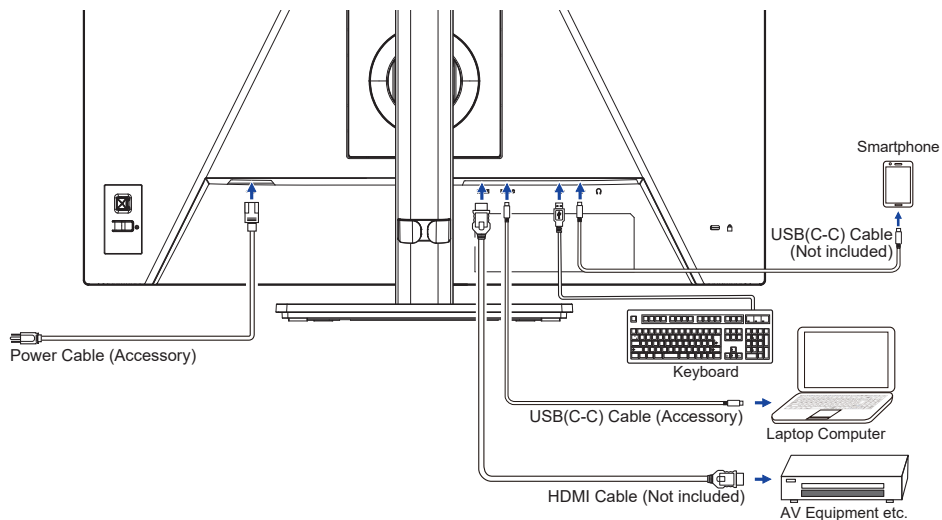
To display a picture, tilt the Joystick [⇄]. This behaviour is normal. To prevent this behaviour, please access the OSD menu and set "USB Charge" to "On".
- USB C to A cable is not included with the monitor. If you use a USB C to A cable, please note that you can only transfer data.
- Compatibility with 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 :
ProLite XB2496HSC / ProLite XB2796HSC / ProLite XB2796QSC]**

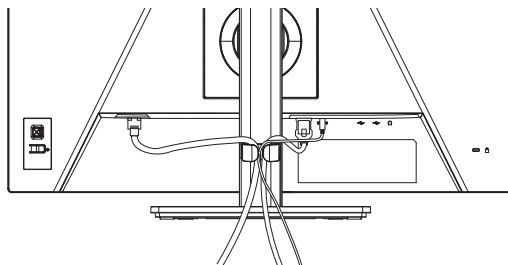
<Back>



ENGLISH

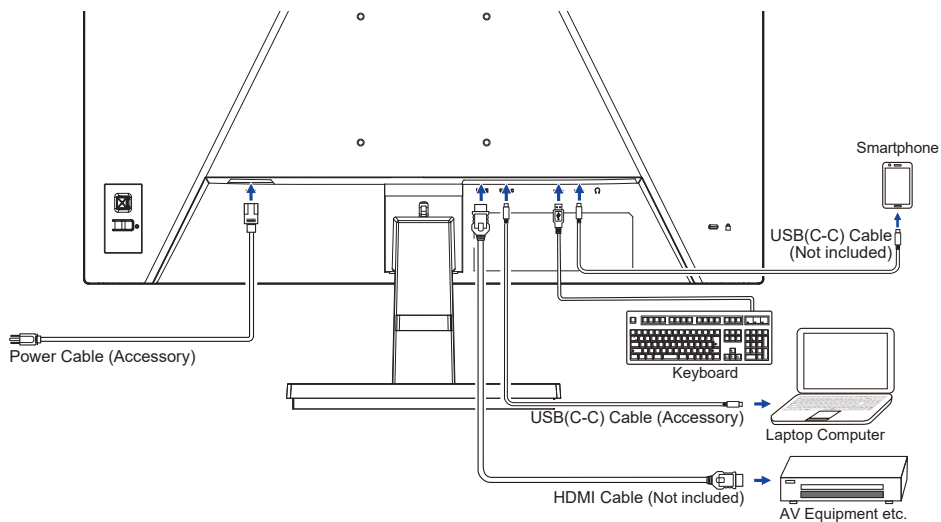
[Collect Cables]

Put the cables through the cable hole to bundle them.



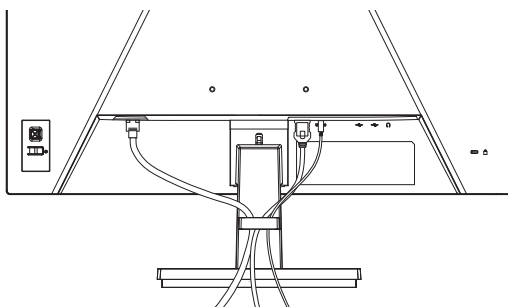
**[Example of Connection :
ProLite X2496HSC / ProLite X2796HSC / ProLite X2796QSC]**

<Back>



[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

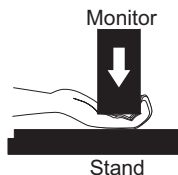
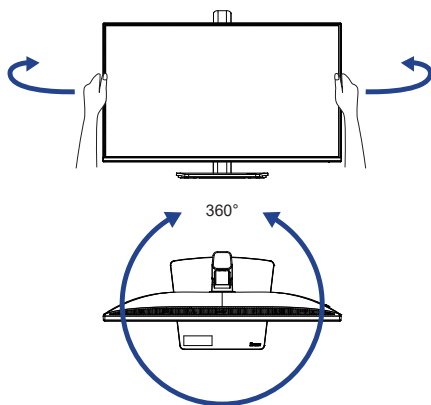
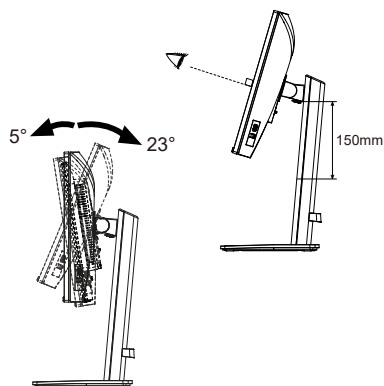
Change to the desired signal timing listed on page 41: COMPLIANT TIMING.

ADJUSTING THE HEIGHT AND THE VIEWING ANGLE : ProLite XB2496HSC / ProLite XB2796HSC / ProLite XB2796QSC

- 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.
- The monitor height can be adjusted up to 150mm, the panel tilt angle can be adjusted up to 23° and down 5°, and the Stand-Base can be swiveled 360° around.

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.



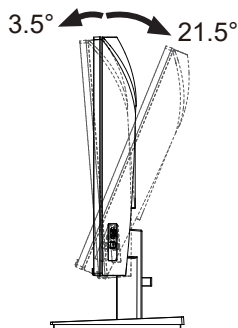
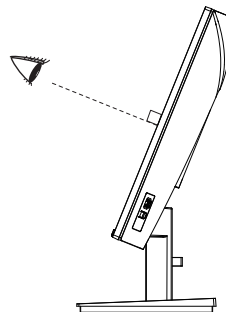
ADJUSTING THE VIEWING ANGLE :

ProLite X2496HSC / ProLite X2796HSC / ProLite X2796QSC

- 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 21.5° upward, 3.5° 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 41. You are also able to adjust the picture by following the button operation shown below.

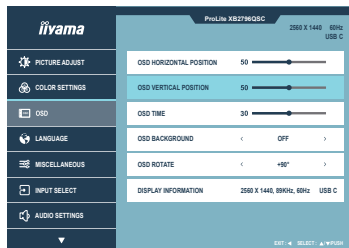
- ① Press the Joystick [Center] on the monitor to start the On Screen Display feature. There are additional Menu items which can be switched by tilting the Joystick [↵/↶].



- ② Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the Joystick [Center]. Then, tilting the Joystick [↵/↶] to highlight the desired adjustment icon.
- ③ Press the Joystick [Center] again. Tilting the Joystick [↵/↶] to make the appropriate adjustment or setting.
- ④ Press the Joystick [Center] 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 Menu item of "OSD" and then press the Joystick [Center]. Then, select "OSD Vertical Position" by tilting the Joystick [↵/↶].

An adjustment scale becomes active after you press the Joystick [Center]. 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 [Center] and finally tilt it [↵] to close the On Screen Display feature. All changes are saved in the memory.

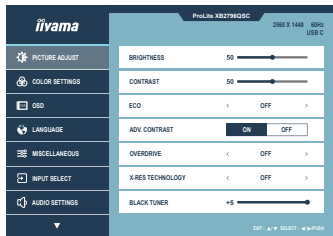
NOTE

- 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 [↵] 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

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


Picture Adjust



Adjustment Item	Problem / Option		Joystick
Brightness ^{*1} Shortcut	Too dark Too bright		   
Contrast	Too dull Too intense		   
ECO 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.	
Adv. Contrast	On	Increased Contrast Ratio	   
	Off	Typical Contrast Ratio	
	NOTE Adv. Contrast adjusts brightness according to the image, and improve the contrast ratio during movie playing.		
Overdrive ^{*2} Shortcut	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.		   
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.	
Black Tuner	From -5 to +5 You can adjust Dark shades		   

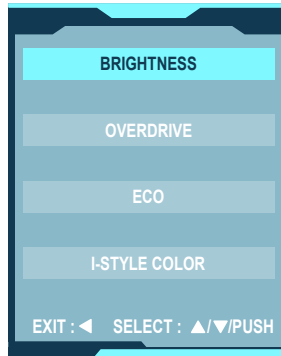
^{*1} Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

^{*2} When Overdrive is activated, some level of image retention will be caused.

Shortcut

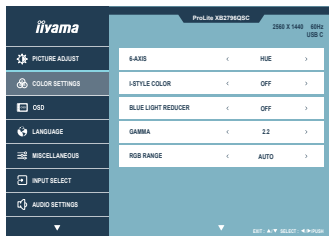
You can shortcut to the specific menu by the following operations.

- Brightness / Overdrive / Eco: Tilt the Joystick Down [↵] when the Menu is not displayed.





Color Settings



Adjustment Item

Problem / Option

Joystick

6-Axis

Hue	Red	Too weak Too strong	 
	Yellow		
	Green		
	Cyan		
	Blue		
	Magenta		
	Red	Too weak Too strong	 
	Yellow		
	Green		
	Cyan		
	Blue		
	Magenta		

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.
Game	For PC game environment.
Cinema	For Cinema environment.
Scenery	For Scenery environment.
Text	For text editing and viewing in a word processing environment.

Blue Light Reducer

Off	Normal
Mode 1	Blue light is reduced.
Mode 2	Blue light is reduced more than 1.
Mode 3	Blue light is reduced more than 2.

Gamma

1.8	High contrast
2.2	Normal
2.6	Dark

RGB Range

Auto	Automatically select Limited or Full.
Full	For full-range color scale signalscale signal
Limited	For limited color scale signal

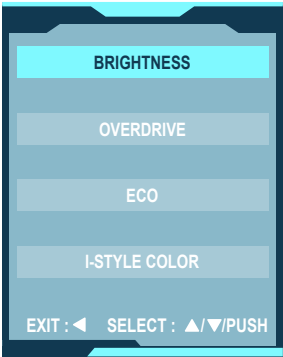
Color Temperature

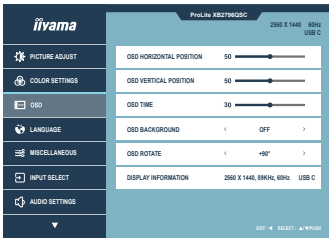
9300K	Cool color	
6500K	Normal color	
5000K	Warm color	
sRGB	sRGB-based color	
User Preset	Red	Too Too
	Green	
	Blue	

Shortcut

You can shortcut to the specific menu by the following operations.

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



 OSD 		
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 60 seconds.	   
OSD Background	The background of OSD is made transparent. Off / 1 / 2 / 3 / 4	
OSD Rotate *	Rotates the OSD. 0° / +90° / -90°	  
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.	

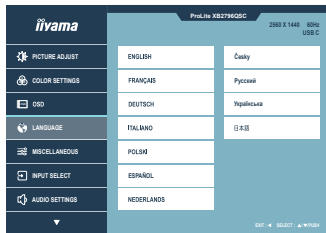
* Available for XB2496HSC / XB2796HSC / XB2796QSC only.

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

-90° : Appropriate for portrait mode with the monitor rotated to the left.



Language

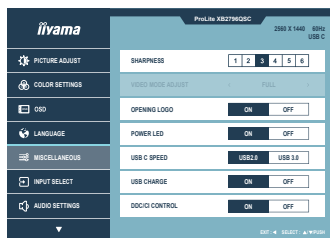


Problem / Option

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

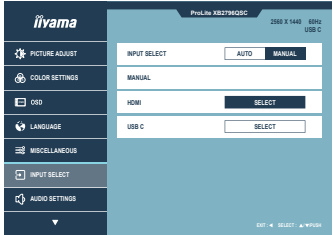


Miscellaneous



Adjustment Item	Problem / Option		Joystick
Sharpness	1 2 3 4 5 6 You can change the picture quality from 1 to 6 (sharp to soft). Press Right [↗] to change the picture quality in numerical order. Press Left [↖] to change the picture quality in reverse numerical order.		
Video Mode Adjust *	Full	Expansion display	
	Aspect	Expansion display of Aspect	
Opening Logo	On	Opening Logo is On.	
	Off	Opening Logo is 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.		
USB C Speed	USB 2.0	Select the data transfer speed when connecting via USB Type-C.	
	USB 3.0		
	NOTE XB2496HSC / X2496HSC / XB2796HSC / X2796HSC : When USB 3.0 is selected on USB Type-C input, the resolutions up to 1920×1080 at 75Hz can be supported. XB2796QSC / X2796QSC : When USB 3.0 is selected on USB Type-C input, 2560×1440 resolutions cannot be supported.		
USB Charge	On	USB devices can be charged even when the monitor is in the standby mode.	
	Off	USB devices can not be charged when the monitor is in the standby mode.	
	NOTE When the monitor is turned off, USB devices cannot be charged even when the USB Charge function is on. 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.		
DDC/CI Control	On	DDC/CI is On.	
	Off	DDC/CI is Off.	

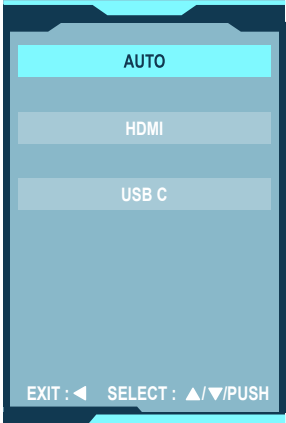
* It can display in the center of the screen with a 4:3, 5:4 or 16:10 aspect ratio when input video resolution is 4:3, 5:4 or 16:10.

 Input Select 	
Adjustment Item	Problem / Option
Input Select Direct	AUTO Select the signal input automatically.
	Munual HDMI Select the HDMI input.
	USB C Select 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.

Direct

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

- Input Select: Tilt the Joystick Up [⇧] when the Menu is not displayed, it shows following Menu.

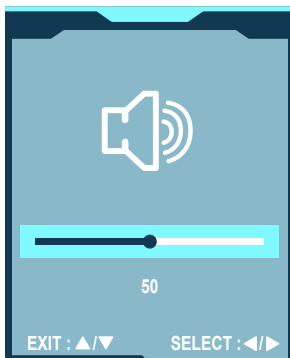


Adjustment Item		Problem / Option	Joystick
Volume	Shortcut	Too soft Too loud	   
Mute Audio	Shortcut	On	Turn off the sound temporarily.
		Off	Return the sound volume to the previous level.

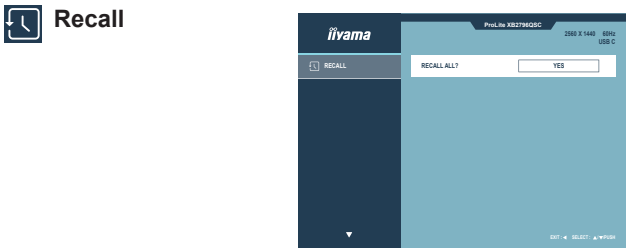
Shortcut

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

- Volume: Tilt the Joystick [⇐] [⇒] when the Menu is not displayed.



- Mute Audio: Keep tilting the Joystick Right [⇒] for 3 seconds when the Menu is not displayed. Mute and Unmute are switched by repeating the above operation.

 The screenshot shows the Iiyama OSD menu. At the top, it says 'iivama'. Below that, there's a 'Recall' option with a 'Recall All?' prompt and a 'YES' button. The background is dark blue with light blue text and buttons.		
Adjustment Item	Problem / Option	
Recall All?	Yes	Factory-preset data is restored.

● Lock Mode:

<Power Button / OSD Menu>

The Power Button and OSD can be locked to avoid an accidental setting change.

1. Make sure the monitor is turned ON.
2. The Power Button / OSD lock will be activated by tilting the Joystick [↕] for about 10 seconds. If you try to turn off the monitor or access the OSD by the Joystick, a message "POWER / OSD LOCKED" will appear on the screen.
3. The Power Button / OSD lock will be deactivated by tilting the Joystick [↕] again for about 10 seconds.

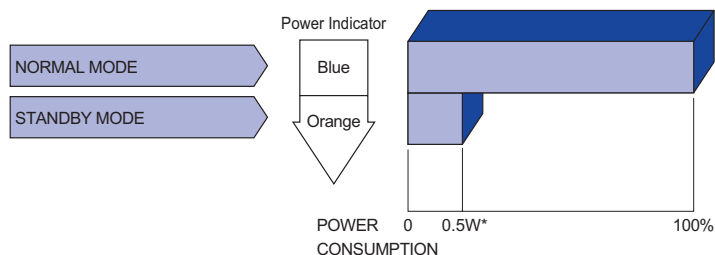
STANDBY FEATURE

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 Audio Cable is properly connected. ☐ 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 XB2496HSC-B1

Size Category		24"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 23.8" (60.5cm)
	Pixel pitch	0.275mm H × 0.275mm V
	Brightness	300cd/m ² (Typical), 155cd/m ² (Default / Energy Saving)
	Contrast ratio	1500 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	Response Time	3ms (Gray to Gray) * ¹
Display Colors		Approx. 16.7M
Sync Frequency		HDMI: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz USB Type-C: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz
Native Resolution		1920 × 1080, 2.1 MegaPixels
Support max. resolution		HDMI: 1920 × 1080, 144Hz USB Type-C: 1920 × 1080, 144Hz
Input Connector		HDMI, USB Type-C
Input Video Signal		HDMI, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (65W)
Number of USB Ports		1 Upstream : Type-C
Connector shape		2 Downstream : Type-A (DC5V, 900mA), Type-C(DC5V, 1.0A)
Headphone Connector * ²		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		527.0mm W × 296.5mm H / 20.7" W × 11.7" H
Power Source		100-240VAC, 50/60Hz, 2.0A
Power Consumption * ³		13W Typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		540.0 × 374.5 - 494.5 × 221.5mm / 21.3 × 14.7 - 19.5 × 8.7" (W×H×D) 5.3kg / 11.7lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23 degrees, Downward: 5 degrees Swivel: 360 degrees 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 90% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

NOTE

*¹ When set to Overdrive 5.

*² Proper operation of connected external devices other than headphones is not guaranteed.

*³ When USB devices are not connected and during default settings.

SPECIFICATIONS : ProLite X2496HSC-B1

Size Category		24"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 23.8" (60.5cm)
	Pixel pitch	0.275mm H × 0.275mm V
	Brightness	300cd/m ² (Typical), 155cd/m ² (Default / Energy Saving)
	Contrast ratio	1500 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	Response Time	3ms (Gray to Gray) ^{*1}
Display Colors		Approx. 16.7M
Sync Frequency		HDMI: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz USB Type-C: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz
Native Resolution		1920 × 1080, 2.1 MegaPixels
Support max. resolution		HDMI: 1920 × 1080, 144Hz USB Type-C: 1920 × 1080, 144Hz
Input Connector		HDMI, USB Type-C
Input Video Signal		HDMI, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (65W)
Number of USB Ports		1 Upstream : Type-C
Connector shape		2 Downstream : Type-A (DC5V, 900mA), Type-C(DC5V, 1.0A)
Headphone Connector ^{*2}		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		527.0mm W × 296.5mm H / 20.7" W × 11.7" H
Power Source		100-240VAC, 50/60Hz, 2.0A
Power Consumption ^{*3}		13W Typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		540.0 × 415.5 × 199.5mm / 21.3 × 16.4 × 7.9" (W×H×D) 3.7kg / 8.2lbs
Tilt Angle		Upward: 21.5 degrees Downward: 3.5 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 90% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

NOTE

^{*1} When set to Overdrive 5.

^{*2} Proper operation of connected external devices other than headphones is not guaranteed.

^{*3} When USB devices are not connected and during default settings.

SPECIFICATIONS : ProLite XB2796HSC-B1

Size Category		27"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 27" (68.6cm)
	Pixel pitch	0.311mm H × 0.311mm V
	Brightness	300cd/m ² (Typical), 160cd/m ² (Default / Energy Saving)
	Contrast ratio	1500 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	Response Time	3ms (Gray to Gray) ^{*1}
Display Colors		Approx. 16.7M
Sync Frequency		HDMI: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz USB Type-C: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz
Native Resolution		1920 × 1080, 2.1 MegaPixels
Support max. resolution		HDMI: 1920 × 1080, 144Hz USB Type-C: 1920 × 1080, 144Hz
Input Connector		HDMI, USB Type-C
Input Video Signal		HDMI, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (65W)
Number of USB Ports		1 Upstream : Type-C
Connector shape		2 Downstream : Type-A (DC5V, 900mA), Type-C(DC5V, 1.0A)
Headphone Connector ^{*2}		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		597.9mm W × 336.3mm H / 23.5" W × 13.2" H
Power Source		100-240VAC, 50/60Hz, 2.0A
Power Consumption ^{*3}		15W Typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		612.0 × 404.5 - 549.5 × 224.5mm / 24.1 × 15.9 - 21.6 × 8.8" (W×H×D) 6.0kg / 13.2lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23 degrees, Downward: 5 degrees Swivel: 360 degrees 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 90% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

NOTE

^{*1} When set to Overdrive 5.

^{*2} Proper operation of connected external devices other than headphones is not guaranteed.

^{*3} When USB devices are not connected and during default settings.

SPECIFICATIONS : ProLite X2796HSC-B1

Size Category		27"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 27" (68.6cm)
	Pixel pitch	0.311mm H × 0.311mm V
	Brightness	300cd/m ² (Typical), 160cd/m ² (Default / Energy Saving)
	Contrast ratio	1500 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	Response Time	3ms (Gray to Gray) ^{*1}
Display Colors		Approx. 16.7M
Sync Frequency		HDMI: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz USB Type-C: Horizontal: 30.0-170.0kHz, Vertical: 48-145Hz
Native Resolution		1920 × 1080, 2.1 MegaPixels
Support max. resolution		HDMI: 1920 × 1080, 144Hz USB Type-C: 1920 × 1080, 144Hz
Input Connector		HDMI, USB Type-C
Input Video Signal		HDMI, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (65W)
Number of USB Ports		1 Upstream : Type-C
Connector shape		2 Downstream : Type-A (DC5V, 900mA), Type-C(DC5V, 1.0A)
Headphone Connector ^{*2}		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		597.9mm W × 336.3mm H / 23.5" W × 13.2" H
Power Source		100-240VAC, 50/60Hz, 2.0A
Power Consumption ^{*3}		15W Typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		612.0 × 438.0 × 199.5mm / 24.1 × 17.2 × 7.9" (W×H×D) 4.4kg / 9.7lbs
Tilt Angle		Upward: 21.5 degrees Downward: 3.5 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 90% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

NOTE

^{*1} When set to Overdrive 5.

^{*2} Proper operation of connected external devices other than headphones is not guaranteed.

^{*3} When USB devices are not connected and during default settings.

SPECIFICATIONS : ProLite XB2796QSC-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	350cd/m ² (Typical), 155cd/m ² (Default / Energy Saving)
	Contrast ratio	1000 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	Response Time	4ms (Gray to Gray) ^{*1}
Display Colors		Approx. 16.7M
Sync Frequency		HDMI: Horizontal: 30.0-115.0kHz, Vertical: 48-75Hz USB Type-C: Horizontal: 30.0-115.0kHz, Vertical: 48-75Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Support max. resolution		HDMI: 2540 × 1440, 75Hz USB Type-C: 2540 × 1440, 75Hz
Input Connector		HDMI, USB Type-C
Input Video Signal		HDMI, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (65W)
Number of USB Ports		1 Upstream : Type-C
Connector shape		2 Downstream : Type-A (DC5V, 900mA), Type-C(DC5V, 1.0A)
Headphone Connector ^{*2}		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, 2.0A
Power Consumption ^{*3}		20W Typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		613.5 × 404.5 - 550.5 × 224.5mm / 24.2 × 15.9 - 21.7 × 8.8" (W×H×D) 6.0kg / 13.2lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23 degrees, Downward: 5 degrees Swivel: 360 degrees 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 90% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

NOTE

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	Contrast ratio	1000 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	Response Time	4ms (Gray to Gray) ^{*1}
Display Colors		Approx. 16.7M
Sync Frequency		HDMI: Horizontal: 30.0-115.0kHz, Vertical: 48-75Hz USB Type-C: Horizontal: 30.0-115.0kHz, Vertical: 48-75Hz
Native Resolution		2560 × 1440, 3.7 MegaPixels
Support max. resolution		HDMI: 2540 × 1440, 75Hz USB Type-C: 2540 × 1440, 75Hz
Input Connector		HDMI, USB Type-C
Input Video Signal		HDMI, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (65W)
Number of USB Ports		1 Upstream : Type-C
Connector shape		2 Downstream : Type-A (DC5V, 900mA), Type-C(DC5V, 1.0A)
Headphone Connector ^{*2}		ø 3.5mm mini jack (Stereo)
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Maximum Screen Size		596.7mm W × 335.7mm H / 23.5" W × 13.2" H
Power Source		100-240VAC, 50/60Hz, 2.0A
Power Consumption ^{*3}		20W Typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		613.5 × 439.0 × 199.5mm / 24.2 × 17.3 × 7.9" (W×H×D) 4.4kg / 9.7lbs
Tilt Angle		Upward: 21.5 degrees Downward: 3.5 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 90% (No condensation)
Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

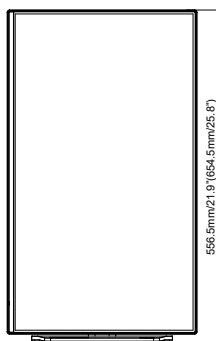
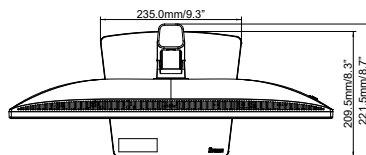
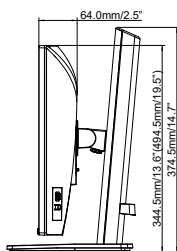
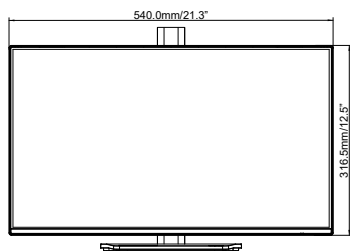
NOTE

^{*1} When set to Overdrive 5.

^{*2} Proper operation of connected external devices other than headphones is not guaranteed.

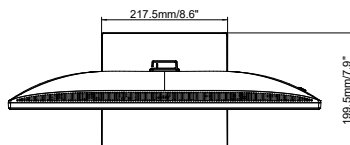
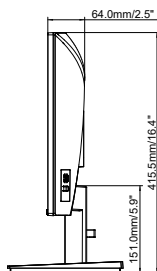
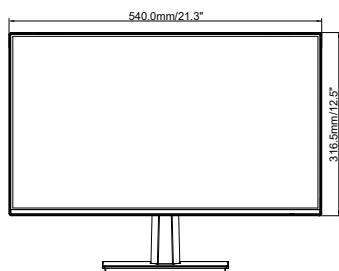
^{*3} When USB devices are not connected and during default settings.

DIMENSIONS : ProLite XB2496HSC

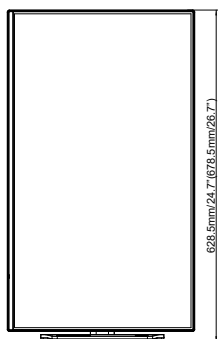
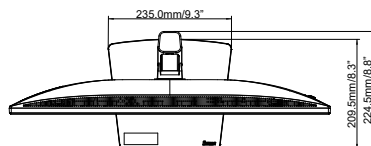
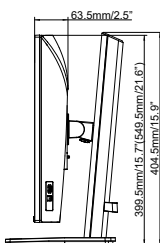
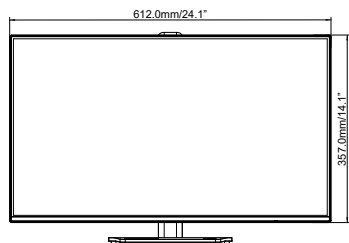


() : Maximum adjustment range

DIMENSIONS : ProLite X2496HSC



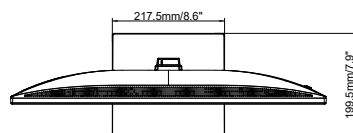
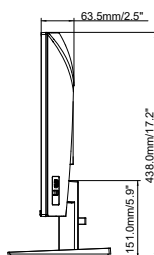
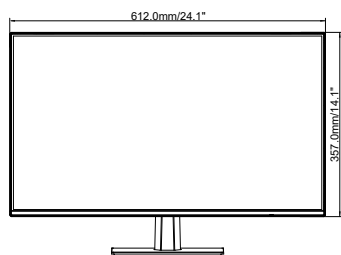
DIMENSIONS : ProLite XB2796HSC



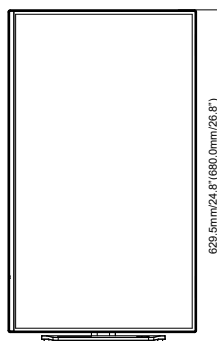
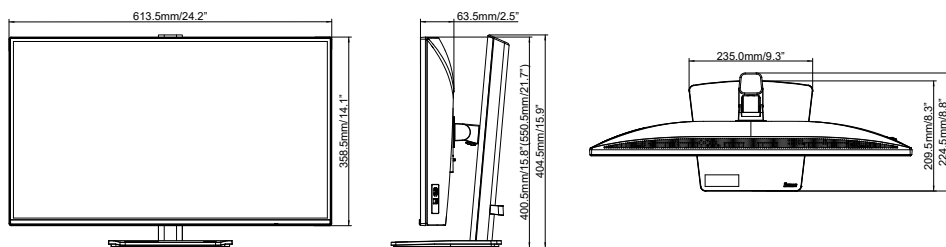
() : Maximum adjustment range

ENGLISH

DIMENSIONS : ProLite X2796HSC

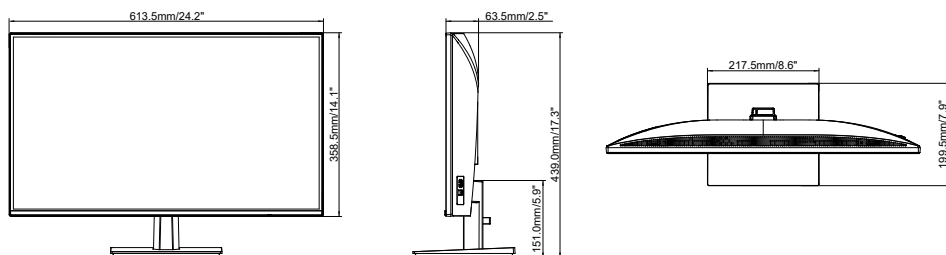


DIMENSIONS : ProLite XB2796QSC



() : Maximum adjustment range

DIMENSIONS : ProLite X2796QSC



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	60.000Hz	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
	83.894kHz	74.973Hz	174.500MHz
	135.000kHz	120.000Hz	297.000MHz
	166.608kHz	144.000Hz	339.880MHz
2560 × 1440	88.857kHz	59.998Hz	241.690MHz
	111.857kHz	74.971Hz	304.250MHz

NOTE

*¹ Only available for [ProLite XB2496HSC](#), [X2496HSC](#), [XB2796HSC](#), [X2796HSC](#).

In case of USC Type-C input, not available only when "USB C Speed" in "Miscellaneous" menu is set to USB 3.0.

*² Only available for [ProLite XB2796QSC](#), [X2796QSC](#).

In case of USC Type-C input, not available only when "USB C Speed" in "Miscellaneous" menu is set to USB 3.0.