

# USER MANUAL

# *ProLite*

## LCD Monitor

ENGLISH

*ProLite XUB2493HS*  
*ProLite XU2493HS*

Thank you very much for choosing the iiyama LCD monitor.

We recommend that you take a few minutes to read this comprehensive manual carefully before installing and switching on the monitor. Please keep this manual in a safe place for your future reference.



**Dear user, we congratulate you on the purchase of your iiyama LCD.**

For details on warranty and locally used pixel policies that apply directly after installation of your product please check the iiyama website.

**To report a fault, please contact your local support centre found at <https://iiyama.com>**

**Things to check before you call the iiyama information line**

- | if the power cable is connected securely and turned on?
- | if the display has been turned on?
- | if the signal cable is connected securely and the correct input selected?
- | if the computer has been restarted with the display connected?
- | if the graphics card is correctly installed with the latest drivers possible?
- | if the correct native resolution has been selected via 'Display Properties'?
- | If the R/G/B signal configuration is correct?
- | if the displays On Screen Menu is shown?
- | if the correct brightness and contrast settings have been set?
- | if given display tolerances and compatibility have been considered?
- | if via the On Screen Menu you have performed a Factory Reset/Recall?

**Before reporting the screen defect, please prepare the following information/evidence:**

- | model number \*
- | purchase receipt and serial number \*
- | name and address for collection
- | telephone/fax number, for availability during the day
- | convenient collection date (date, time)
- | short description of the defect

**Important Note:**

If there is no fault found in the collected equipment after inspection, the transferring party shall incur charges for transport and administration.

If you have checked all of the above and there is still no picture, call our information line for assistance in your country.

**Feedback on health and safety issues**

If you have any health and safety concerns or questions about the product (including when using the product), please contact iiyama support through our website. You can also contact us by calling +31 204460404. After receiving your feedback, we will ask the responsible unit to handle it as soon as possible and a dedicated person will get back to you. Your feedback will also be recorded and incorporated into our evaluation for improvements

\* see the identification plate on the back of the case.

## CE MARKING DECLARATION OF CONFORMITY

This LCD monitor complies with the requirements of the EC/EU Directive 2014/30/EU "EMC Directive", 2014/35/EU "Low Voltage Directive", 2009/125/EC "ErP Directive" and 2011/65/EU "RoHS Directive".

The electro-magnetic susceptibility has been chosen at a level that gives correct operation in residential areas, business and light industrial premises and small-scale enterprises, inside as well as outside of the buildings. All places of operation are characterised by their connection to the public low voltage power supply system.

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

Model No. : PL2493H



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.
- The font used in the OSD menu is licensed under the Apache License, Version 2.0. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>
- Eprel registration number XUB2493HS-B6 : 1873044, XU2493HS-B6 : 1872767  
XUB2493HS-B6 A : 2043131, XU2493HS-B6 A : 2043106

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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
- ◆ High Contrast 1300:1 (Typical), Adv. Contrast Function Available / Brightness 250cd/m<sup>2</sup> (Typical)<sup>\*1</sup>, 300cd/m<sup>2</sup> (Typical)<sup>\*2</sup>
- ◆ Moving Picture Response Time 0.5ms
- ◆ Flicker Free
- ◆ Blue Light Reducer
- ◆ Digital Character Smoothing
- ◆ 2 × 2W Stereo Speakers
- ◆ Standby Feature
- ◆ VESA Mounting Standard (100mm×100mm) Compliant
- ◆ Keyhole for Security Lock

<sup>\*1</sup> Available for ProLite XUB2493HS-B6, ProLite XU2493HS-B6

<sup>\*2</sup> Available for ProLite XUB2493HS-B6 A, ProLite XU2493HS-B6 A

## 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 <sup>*1</sup> | ■ HDMI Cable        | ■ Stand-Base with a screw <sup>*2</sup> |
| ■ Stand-Base <sup>*3</sup>  | ■ Stand-Neck        | ■ Screwdriver <sup>*2</sup>             |
| ■ Safety Guide              | ■ Quick Start Guide |   |

### CAUTION

<sup>\*1</sup> 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, 0.75mm<sup>2</sup> must be used.

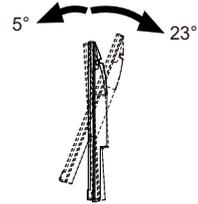
<sup>\*2</sup> Accessory for ProLite XUB2493HS

<sup>\*3</sup> Accessory for ProLite XU2493HS

## USING ARM OR STAND

### CAUTION

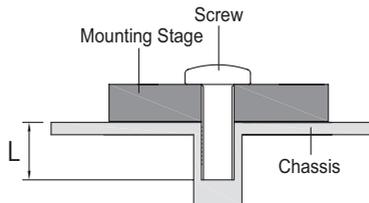
- This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.
- Before installation, make sure the display arm or desk arm stand is strong enough to hold the necessary weight of the monitor and the mount.
- The monitor angle should be within  $23^{\circ}$  upward and  $5^{\circ}$  downward. This product cannot be used facing upward or downward beyond this range.
- If the monitor is used (installed) at an angle more than  $5^{\circ}$  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.



## < DISPLAY ARM OR DESK ARM STAND >

### CAUTION

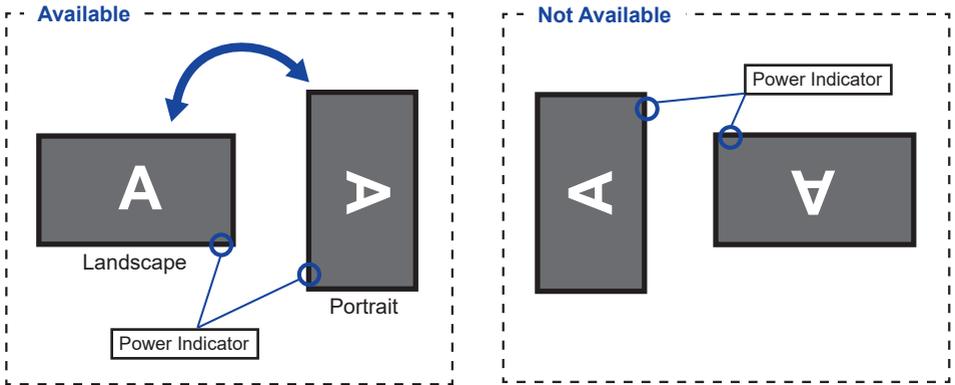
When you use with the display arm or desk arm stand, in consideration of thickness of the mounting stage, tighten the M4 Screws (4pcs) which "L" length is 7mm to fasten the monitor. Using the screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.



## [ROTATING THE MONITOR]

### • ProLite XUB2493HS

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.



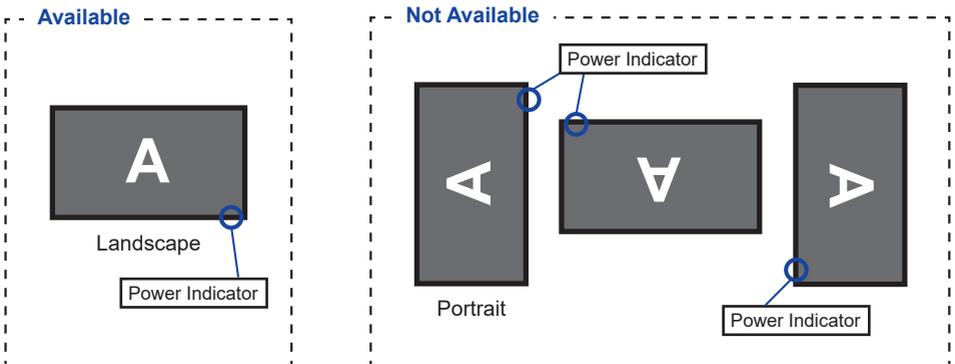
### With Stand:

#### 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 XU2493HS

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



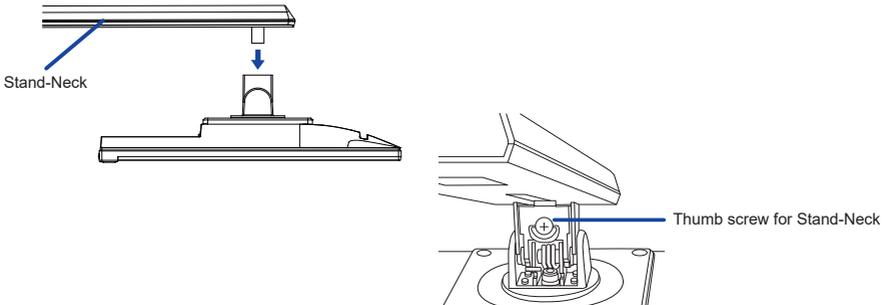
## FITTING AND REMOVAL OF STAND : ProLite XUB2493HS

### CAUTION

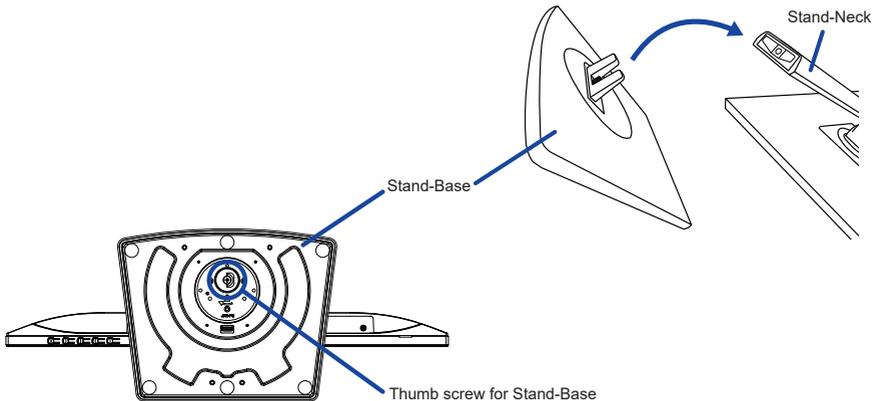
- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.

### <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.



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



### <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.

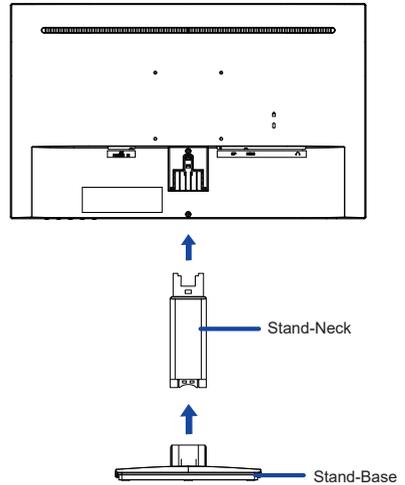
## FITTING AND REMOVAL OF STAND : ProLite XU2493HS

### CAUTION

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- Unplug the monitor before removal or installation to avoid an electric shock or a damage.

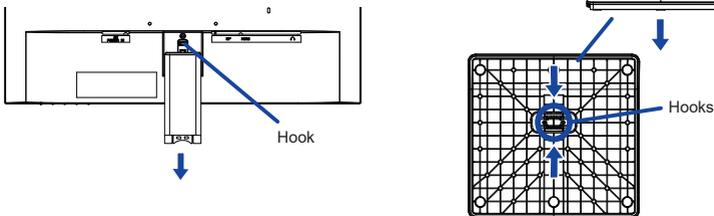
### <Installation>

- 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.

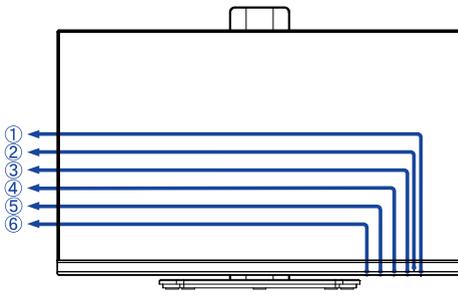


### <Removal>

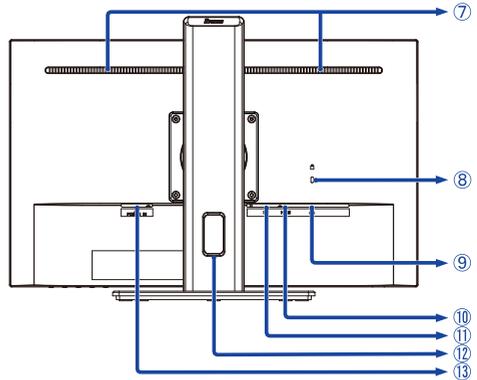
- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ② Keep pressing the Hooks inward to pull out the Stand-Base.
- ③ Press the Hook on the back of the monitor and remove the Stand-Neck from the monitor.



## CONTROLS AND CONNECTORS : ProLite XUB2493HS



<Front>



<Back>

- ① Power Switch (  )
- ② Power Indicator
  - NOTE** Blue: Normal operation
  - Orange: Standby mode
- ③ Menu Button (MENU)
- ④ Up / Volume Button (  /  ) \*
- ⑤ Down / ECO Mode Button (  /  ) \*
- ⑥ Signal Select / Exit Button (INPUT/EXIT) \*

⑦ Speakers

⑧ Keyhole for Security Lock

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

⑨ Headphone Connector (  )

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

⑩ HDMI Connector (HDMI)

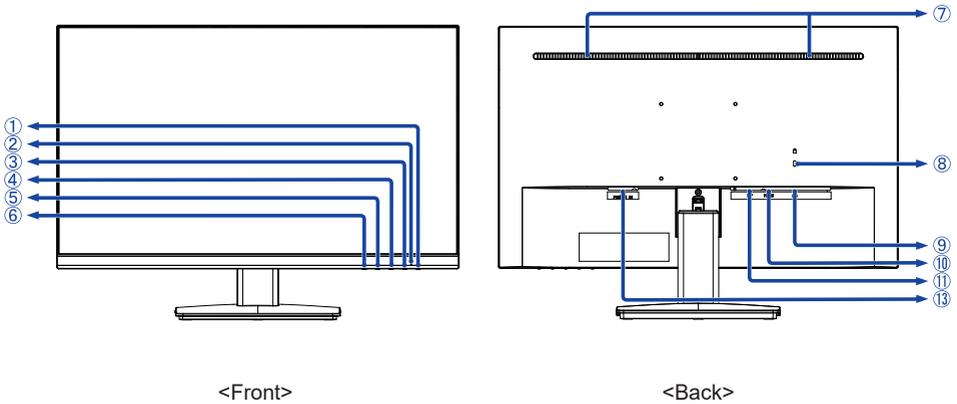
⑪ DisplayPort Connector (DP)

⑫ Cable Hole

⑬ AC Connector ( ~ : Alternating current )

\* You can skip the Menu items and directly display an option setting screen or an adjustment scale.

## CONTROLS AND CONNECTORS : ProLite XU2493HS



- ① Power Switch (  )
- ② Power Indicator  
**NOTE** Blue: Normal operation  
Orange: Standby mode
- ③ Menu Button (MENU)
- ④ Up / Volume Button (  /  ) \*
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- ⑦ Speakers
- ⑧ Keyhole for Security Lock  
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- ⑩ HDMI Connector (HDMI)
- ⑪ DisplayPort Connector (DP)
- ⑬ AC Connector ( ~ : Alternating current )

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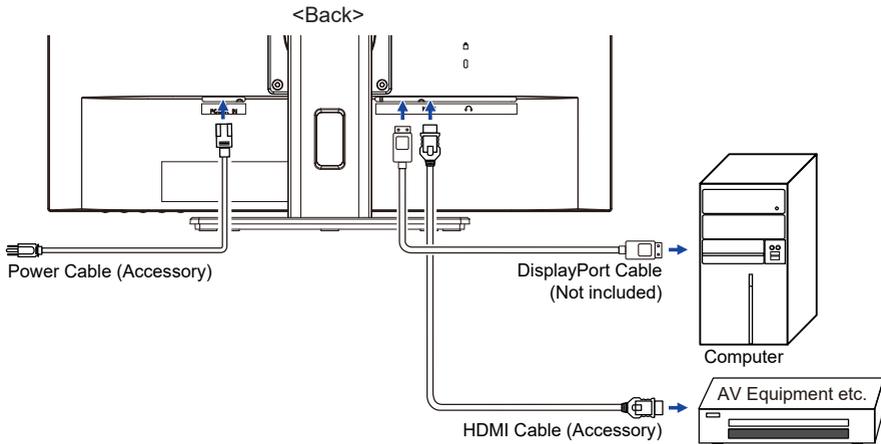
## CONNECTING YOUR MONITOR : ProLite XUB2493HS

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

### NOTE

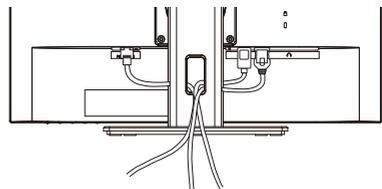
- Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
- The Class I pluggable equipment Type A must be connected to protective earth.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Excessive sound pressure from ear-/headphones can cause hearing damage/hearing loss.

[Example of Connection]



### [ Collect Cables ]

Put the cables through the cable hole to bundle them.



## CONNECTING YOUR MONITOR : ProLite XU2493HS

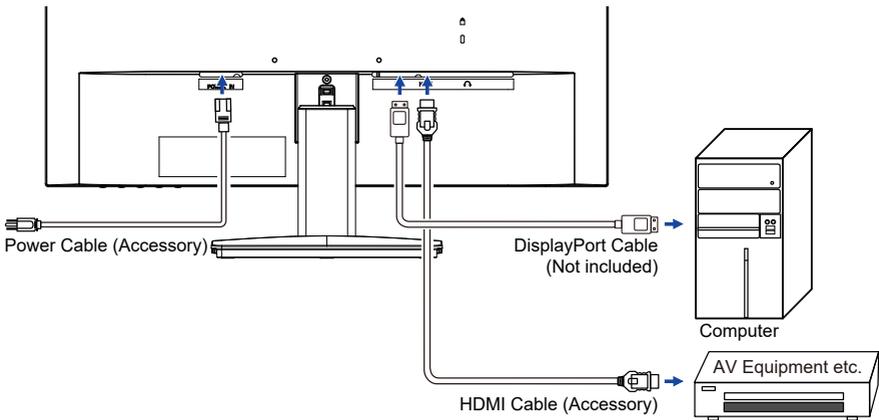
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- ④ Turn on your monitor and computer.

### NOTE

- Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
- The Class I pluggable equipment Type A must be connected to protective earth.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Excessive sound pressure from ear-/headphones can cause hearing damage/hearing loss.

[Example of Connection]

<Back>



## 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 signal cable from the computer and the monitor.

## COMPUTER SETTING

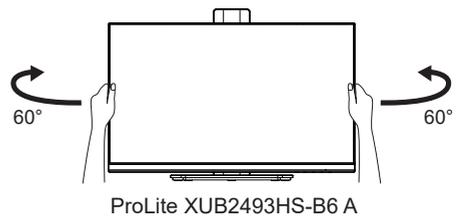
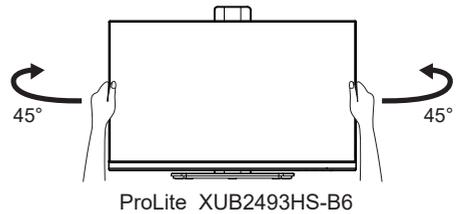
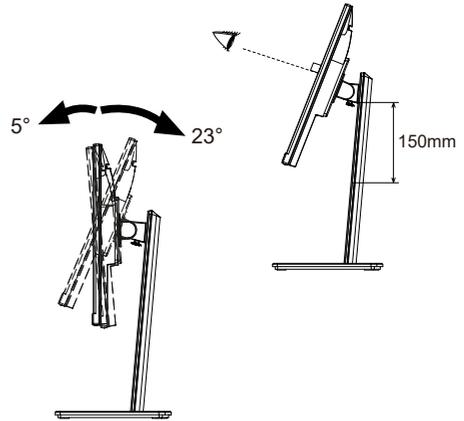
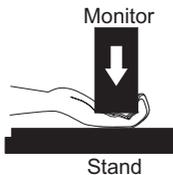
- Signal Timing  
Change to the desired signal timing listed on page 33: COMPLIANT TIMING.

## ADJUSTING THE HEIGHT AND THE VIEWING ANGLE : ProLite XUB2493HS

- 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° / 60° right and left, 23° upward and 5° downward.

### NOTE

- Do not touch the LCD screen when you change the height or the angle. It may cause damage or break the LCD screen.
- Careful attention is required not to pinch your fingers or hands into the moving part of the stand when you change the angle.
- Injury can occur if care is not taken to avoid finger contact with the displays base when adjusting the height.

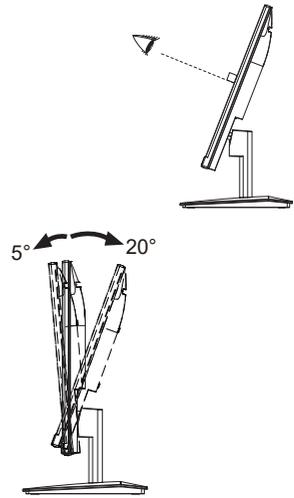


**ADJUSTING THE VIEWING ANGLE : ProLite XU2493HS**

- 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 20° upward, 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 33. You are also able to adjust the picture by following the button operation shown below.

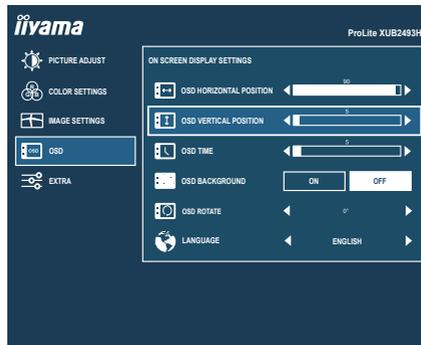
- ① Press the MENU Button to start the On Screen Display feature. There are additional Menu items which can be switched by using the ◀ / ▶ Buttons.



- 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 EXIT Button to leave the menu, and the settings you just made would be automatically saved.

For example, to correct for OSD vertical position, select "OSD" of Menu item and then press the MENU Button. Then, select "OSD Vertical Position" by using the ◀ / ▶ Buttons. An adjustment page appears after you press the MENU Button.

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



Press the EXIT Button lastly and 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, press the EXIT button to quickly turn off the On-Screen Display.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- All adjustments have only one setting which applies to all signal timings.

## ADJUSTMENT MENU CONTENTS



### Picture Adjust



Adjustment Item	Problem / Option		Button to Press
Brightness *1,2	Too dark Too bright		 
Contrast *1	Too dull Too intense		 
i-Style Color *1,2,3	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 movie and video environment.	
	Scenery	For displaying outdoor scenery images	
	Text	For text editing and viewing in a word processing environment.	
Adv. Contrast *1	On	Increased Contrast Ratio	
	Off	Typical Contrast Ratio	
Eco *1	<b>Direct</b>	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.

**NOTE**

Adv. Contrast adjusts brightness according to the image, and improve the contrast ratio during movie playing.  
 Contrast, Brightness, i-Style Color, Eco, Gamma and Color Temp. cannot be adjusted and selected while Adv. Contrast is active.

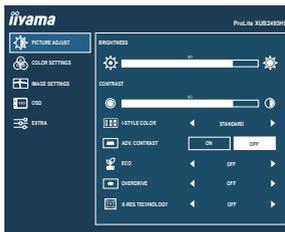
**Direct**

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.



## Picture Adjust



Adjustment Item	Problem / Option		Button to Press
Overdrive *4	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.	

\*1 The availability of each item depends on which item is activated. See page 23 Function Correlation Matrix for more details.

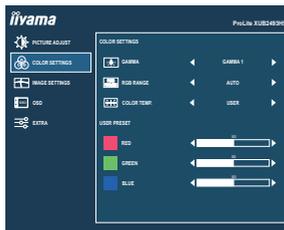
\*2 Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

\*3 i-Style Color is disabled when Blue Light Reducer is activated.

\*4 When Overdrive is activated, some level of image retention will be caused.



## Color Settings



Adjustment Item	Problem / Option		Button to Press
Gamma *	Gamma 1	High contrast	
	Gamma 2	Normal	
	Gamma 3	Dark	
RGB Range	Auto	Automatically select color scale signal.	
	Full	For full-range color scale signalscale signal	
	Limited	For limited color scale signal	
Color Temp. *	User	Red	Too weak 
		Green	
		Blue	Too strong 
	Cool	Cool color	
	Normal	Normal color	
Warm	Warm color		

\* The availability of each item depends on which item is activated. See page 23 Function Correlation Matrix for more details.



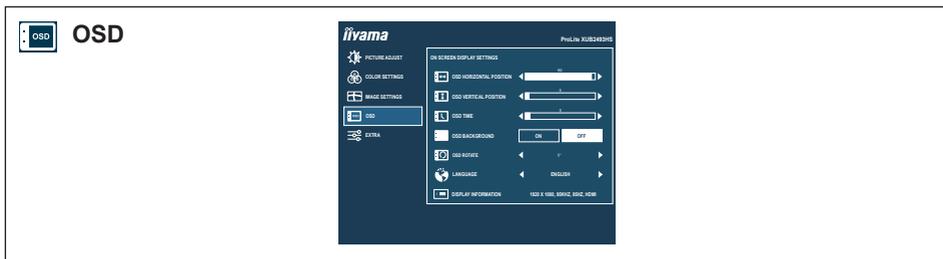
## Image Settings



Adjustment Item	Problem / Option		Button to Press
Video Mode Adjust *1	Full	Expansion display	
	Aspect	Expansion display of Aspect	
Blue Light Reducer *2	Off	Typical	
	Mode 1	Blue light is reduced.	
	Mode 2	Blue light is reduced more than Mode 1.	
	Mode 3	Blue light is reduced more than Mode 2.	
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.		  
MBR	Off / 1 / 2 / 3 / 4 / 5 / 6 / 7 Reduces motion blur on the LCD panel.		  
Adaptive Sync	On	Enable the Adaptive Sync function.	
	Off	The Adaptive Sync function is turned Off.	

\*1 It can display in the center of the screen with a 4:3, 5:4, 16:10 or real 16:9 aspect ratio.

\*2 Blue Light Reducer cannot be enabled if i-Style Color, Adv.Contrast or Eco is enabled.



Adjustment Item	Problem / Option		Button to Press
OSD Horizontal Position	OSD is too left OSD is too right		   
OSD Vertical Position	OSD is too low OSD is too high		   
OSD Time	You can set the OSD display duration time between 5 and 60 seconds.		   
OSD Background	On	The background of OSD is made transparent.	
	Off	Return the background of OSD.	
OSD Rotate *	Rotate the OSD. 0° (Normal) / +90° (Rotate right)		   
Language	English	English	Česky / Czech
	Français	French	Italiano / Italian
	Deutsch	German	Русский / Russian
	Nederlands	Dutch	日本語 / Japanese
	Polski	Polish	
Display Information	Displays information regarding the current input signal coming from the graphic card in your computer. <b>NOTE</b> See your graphic card user guide for more information about changing the resolution and refresh.		

\* Available for ProLite XUB2493HS only.



Extra



ENGLISH

Adjustment Item	Problem / Option		Button to Press
Reset	Yes	Factory-preset data is restored.	
	No	Return to Menu.	
DDC/CI	On	DDC/CI is On.	
	Off	DDC/CI is Off.	
Signal Select <b>Direct</b>	Auto	Select the signal input automatically.	
	HDMI	Select the Digital (HDMI) input.	
	DisplayPort	Select the Digital (DisplayPort) input.	
<p><b>NOTE</b> If "Auto" is selected, only one source available is selected automatically. If there are more input sources available and you select one of them, the "Auto" option is not available. If multiple inputs are connected, the monitor may not recover the last one used after turning it off and on again. It is only possible when you set a specific source.</p>			
LED	On	The Power Indicator is turned On.	
	Off	The Power Indicator is turned Off.	
<p><b>NOTE</b> Turn Off the Power Indicator when you are bothered by the light.</p>			
Opening Logo	On	Opening Logo is On.	
	Off	Opening Logo is Off.	

### 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, it shows following Menu.



## Direct

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

- Volume: Press the  Button when the Menu is not displayed.

Adjustment Item	Problem / Option	Button to Press
Volume	Too soft Too loud	   

- Mute: Keep pressing the  Button for 1-2 seconds when the Menu is not displayed. Mute and Unmute are switched by repeating the above button operation.

- Lock Mode:

### <OSD>

Pressing and holding the MENU button for 5 seconds when Menu is not displayed, it will lock/unlock the OSD Lock function.

### <Power>

Pressing and holding the INPUT button for 5 seconds when Menu is not displayed, will lock/unlock the Power Lock function.

## ■ Function Correlation Matrix

Item to be selected Item activated	Picture Adjust					Color Settings	
	Contrast	Brightness	i-Style Color	Adv. Contrast	Eco	Gamma	Color Temp.
i-Style Color	–	–	/	–	–	✓	✓
Adv. Contrast	–	–	–	/	–	✓	–
Eco	✓	–	✓	–	/	✓	✓

✓ : Available

– : Not available

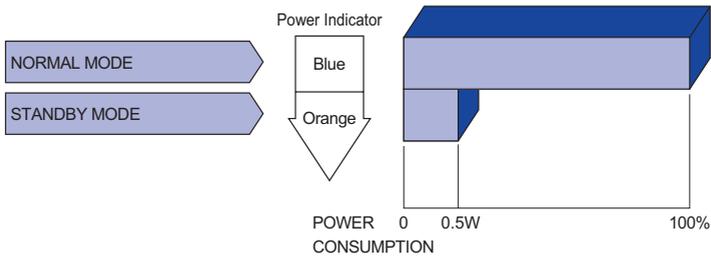
## STANDBY FEATURE

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 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.



# 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.

## Problem

## Check

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 XUB2493HS-B6

ENGLISH

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	250cd/m <sup>2</sup> (Typical), 170cd/m <sup>2</sup> (Default / Energy Saving)
	Contrast ratio	1300 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	MPRT	0.5ms
Display Colors		Approx. 16.7M
Sync Frequency		Horizontal: 30.0-115.0kHz, Vertical: 48-100Hz
Native Resolution		1920 × 1080, 2.1 MegaPixels
Support max. resolution		HDMI: 1920 × 1080 100Hz DisplayPort: 1920 × 1080 100Hz
Input Connector		HDMI, DisplayPort
Input Video Signal		HDMI, DisplayPort
Headphone Connector *		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, 1.2A
Power Consumption		16W typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		539.5 × 343.0 - 493.0 × 209.5mm / 21.2 × 13.5 - 19.4 × 8.3" (W×H×D) 5.1kg / 11.22lbs
Angle		Tilt: Upward: 23 degrees, Downward: 5 degrees Swivel: Left / Right: 45 degrees each Rotation: Clockwise: 90 degrees
Environmental Considerations		Operating: Temperature 0 to 40°C / 32 to 104°F Humidity 10 to 90% (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

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

## SPECIFICATIONS : ProLite XUB2493HS-B6 A

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	Contrast ratio	1300 : 1 (Typical), Adv. Contrast Function Available
	Viewable angle	Right / Left : 89 degrees each, Up / Down : 89 degrees each (Typical)
	MPRT	0.5ms
Display Colors	Approx. 16.7M	
Sync Frequency	Horizontal: 30.0-115.0kHz, Vertical: 48-100Hz	
Native Resolution	1920 × 1080, 2.1 MegaPixels	
Support max. resolution	HDMI: 1920 × 1080 100Hz DisplayPort: 1920 × 1080 100Hz	
Input Connector	HDMI, DisplayPort	
Input Video Signal	HDMI, DisplayPort	
Headphone Connector *	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	
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Angle	Tilt: Upward: 23 degrees, Downward: 5 degrees Swivel: Left / Right: 60 degrees each Rotation: Clockwise: 90 degrees	
Environmental Considerations	Operating: Temperature 0 to 40°C / 32 to 104°F Humidity 10 to 90% (No condensation) Storage: Temperature -20 to 60°C / -4 to 140°F Humidity 10 to 90% (No condensation)	
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Power Source	100-240VAC, 50/60Hz, 1.2A	
Power Consumption	16W typical Standby mode: 0.5W maximum, Off mode: 0.3W maximum	
Dimensions / Net Weight	539.5 × 393.5 × 211.0mm / 21.2 × 15.5 × 8.3" (W×H×D) 3.5kg / 7.76lbs	
Tilt Angle	Upward: 20 degrees Downward: 5 degrees	
Environmental Considerations	Operating:	Temperature 0 to 40°C / 32 to 104°F Humidity 10 to 90% (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	

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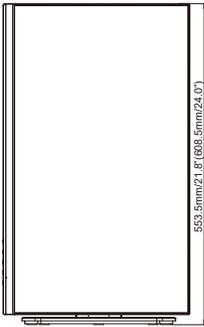
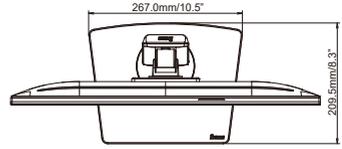
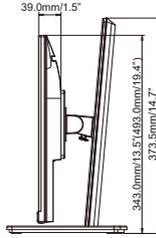
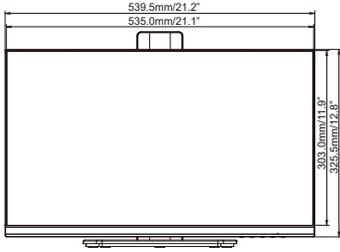
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Approvals		CE, UKCA, TÜV-Bauart, VCCI, PSE, EAC

### NOTE

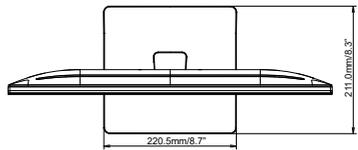
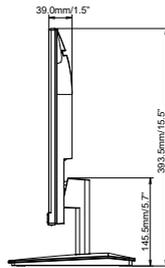
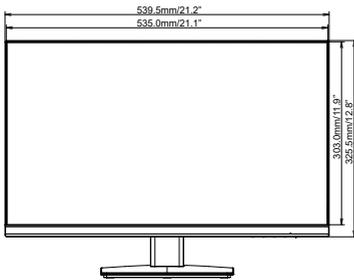
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### DIMENSIONS : ProLite XUB2493HS



( ) : Maximum adjustment range

### DIMENSIONS : ProLite XU2493HS



## COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock
640 × 480	31.469kHz	59.940Hz	25.175MHz
	37.500kHz	75.000Hz	31.500MHz
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
	67.500kHz	60.000Hz	148.500MHz
1920 × 1080	83.890kHz	74.970Hz	174.500MHz
	95.540kHz	85.000Hz	198.723MHz
	110.000kHz	100.000Hz	228.800MHz