

USER MANUAL



PROGRAPHIC

HB2701UHSNP

HB3201UHSNP

ENGLISH

LCD Monitor

Thank you very much for choosing the iiyama LCD monitor.

We recommend that you take a few minutes to read carefully through this brief but comprehensive manual 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:

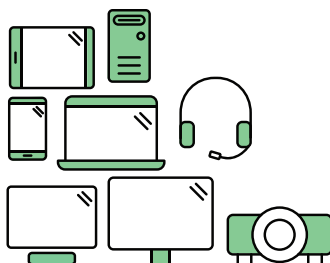
If there is no fault found in the collected equipment after inspection, the transferring party shall incur charges for transport and administration.

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.



Say hello to a more sustainable product

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

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

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

Want to know more?

Read information about TCO Certified, full criteria documents, news and updates at tco-certified.com. On the website you'll also find our Product Finder, which presents a complete, searchable listing of certified products.

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 characterized by their connection to the public low voltage power supply system.

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

Model No. : PL2701U, PL3201U

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 symptoms.



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 HB2701UHSNP-B1 : 2440297
HB3201UHSNP-B1 : 2440140

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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

- Careful attention is required not to pinch your fingers or hands into the moving part of the stand when you change the angle.
- When adjusting the height, do not lower the monitor vigorously while keeping your hand between the lower part of the monitor and the base.

REMARK FOR 24/7 USAGE

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

REMARK SPECIFIC TO DESKTOP USE

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

DO NOT TILT THE MONITOR DOWNWARD TOO FAR

To avoid potential screen damage such as LCD panel peeling from the bezel, ensure that the monitor does not tilt downward beyond its adjustable range.

DO NOT USE ALCOHOL OR DISINFECTANTS ON THE MONITOR

Do not spray alcohol or disinfectants directly onto the monitor or use them near the monitor. Also, do not wipe the monitor with a cloth or sheet that contains alcohol or disinfectants. These may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the LCD panel, and deterioration of components.

OTHERS

ERGONOMIC RECOMMENDATIONS

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

SPECIAL NOTES ON LCD MONITORS

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

NOTE

- When you first turn on the LCD monitor, the picture may not fit in the 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 3840 × 2160
- ◆ High Contrast 3000:1 (Typical), Advanced Contrast Function Available, Brightness 450cd/m² (Typical), Quick Response Time 4ms (Gray to Gray)
- ◆ Eye Comfort
- ◆ Low Blue Light Panel
- ◆ Eyesafe[®] Certified
- ◆ Pantone Validated[™]
- ◆ Flicker - Free
- ◆ Digital Character Smoothing
- ◆ USB Type-C / RJ45 / DP Out - Connectors
- ◆ USB Power Delivery supports up to 96W
- ◆ Stereo Speakers 2 × 2W *PROGRAPHIC HB2701UHSNP*
Stereo Speakers 2 × 2.5W *PROGRAPHIC HB3201UHSNP*
- ◆ Ergonomic Design: TCO Certified
- ◆ Standby Feature
- ◆ VESA Mounting Standard (100mm×100mm) Compliant
- ◆ Keyhole for Security Lock

CHECKING THE CONTENTS OF THE PACKAGE

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

- | | | |
|----------------------------|---------------------------|---------------------|
| ■ Power Cable * | ■ HDMI Cable | ■ DisplayPort Cable |
| ■ USB Cable (Type-C-C) | ■ USB Cable (Type-A-B) | ■ VESA Plate |
| ■ Stand-Neck | ■ Stand-Base with a screw | ■ Screwdriver |
| ■ Color Calibration Report | ■ Safety Guide | ■ Quick Start Guide |

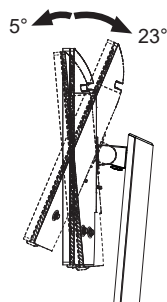
CAUTION

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

USING ARM OR STAND

CAUTION

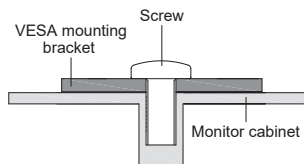
- This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.
- Before installation, make sure the display arm or desk arm stand is strong enough to hold the necessary weight of the monitor and the mount.
- The monitor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

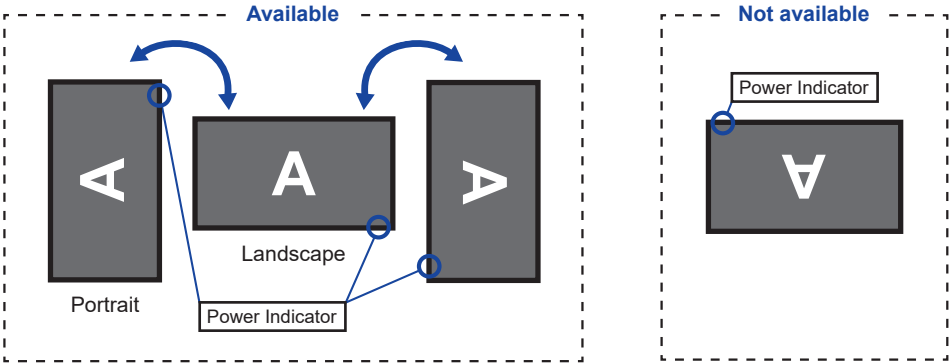
CAUTION

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 : PROGRAPHIC HB2701UHSNP >

This model is designed to be compatible with both landscape and portrait modes.
Portrait display must be adjusted using the display settings of the connected device.



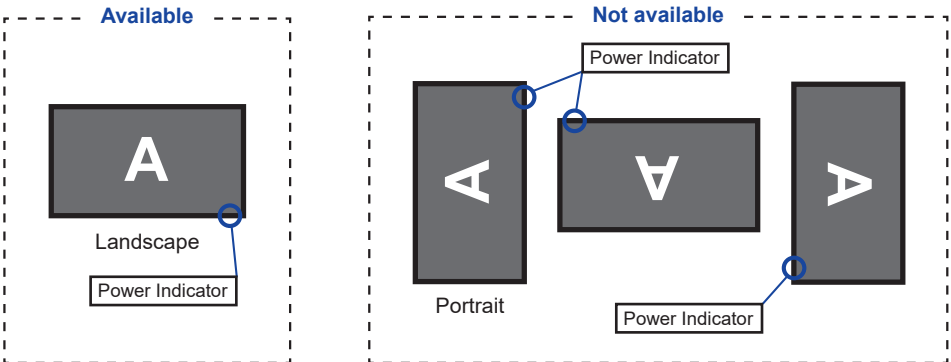
ENGLISH

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.

< LANDSCAPE MODE : PROGRAPHIC HB3201UHSNP >

This model can only be used in landscape. Do not rotate or operate the monitor in any other orientation than landscape.



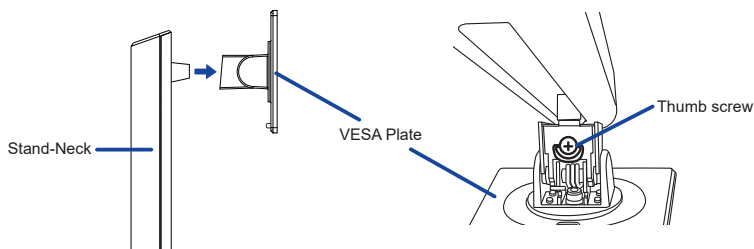
FITTING AND REMOVAL OF STAND

CAUTION

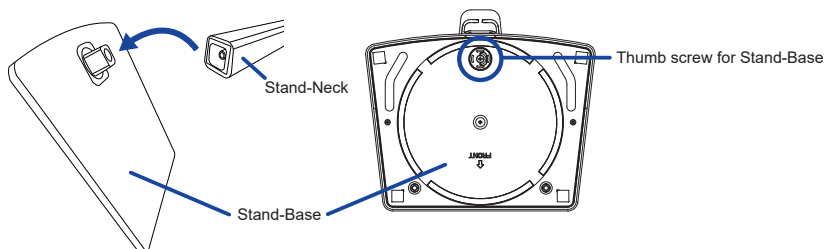
- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.
- Regularly check the tightness of the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

<Installation>

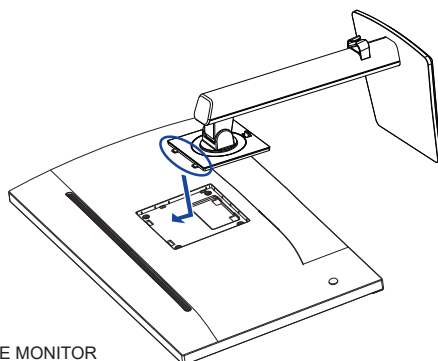
- ① Attach the Stand-Neck to the VESA Plate and then tighten the thumb screw with the provided screwdriver to secure them.



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

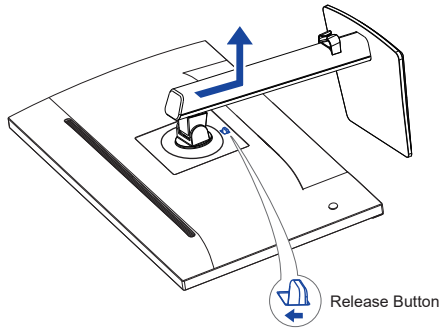


- ③ Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ④ Hold the monitor and install the assembled stand to the monitor until it clicks to secure.



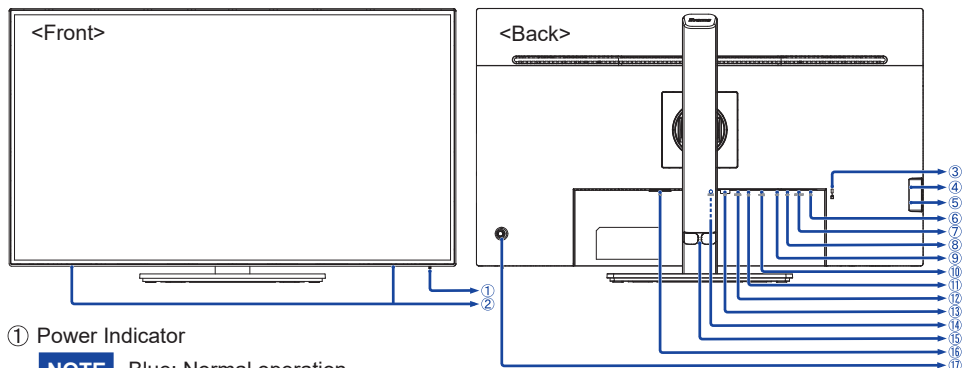
<Removal>

- 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 VESA Plate from the Stand-Neck.
- ④ Loosen the thumb screw to remove the Stand-Base from the Stand-Neck.

CONTROLS AND CONNECTORS



① Power Indicator

NOTE Blue: Normal operation
Orange: Standby mode

② Speakers

③ Keyhole for Security Lock ()

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

④⑤⑨ USB Type-A Downstream Connector (USB3.2 Gen 1: 5Gbps, 5V, 900mA)

⑥ Headphone connector ()

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

⑦ DisplayPort Out Connector (DP OUT) *¹

⑧ USB Type-C Downstream Connector (USB3.2 Gen 1: 5Gbps, 5V, 3A)

⑩ USB Type-B Upstream Connector ()

⑪ LAN(RJ45) Connector ()

⑫ USB Type-C Upstream Connector (USB C USB3.2 Gen 1: 5Gbps, 20V, 4.8A)

⑬ DisplayPort Connector (DP)

⑭ HDMI Connector (HDMI)

⑮ Cable Holder

⑯ AC Connector (~ : Alternating current)

⑰ Joystick / Power Button

[Center] Power / Menu

NOTE A short press turns ON the monitor.
A long press for 6 seconds turns OFF the monitor.

[] Up / Input Select **Direct**

*² [] Down / **Shortcut**

*^{2,3} [] Right / **Shortcut**

*^{2,3} [] Left / **Shortcut**

*¹ The black rubber cap is already attached. Remove the cap before connection.

*² Refer to the "Shortcut Key" feature described on page 22.

*³ Direction when viewing the screen from the front

CONNECTING YOUR MONITOR

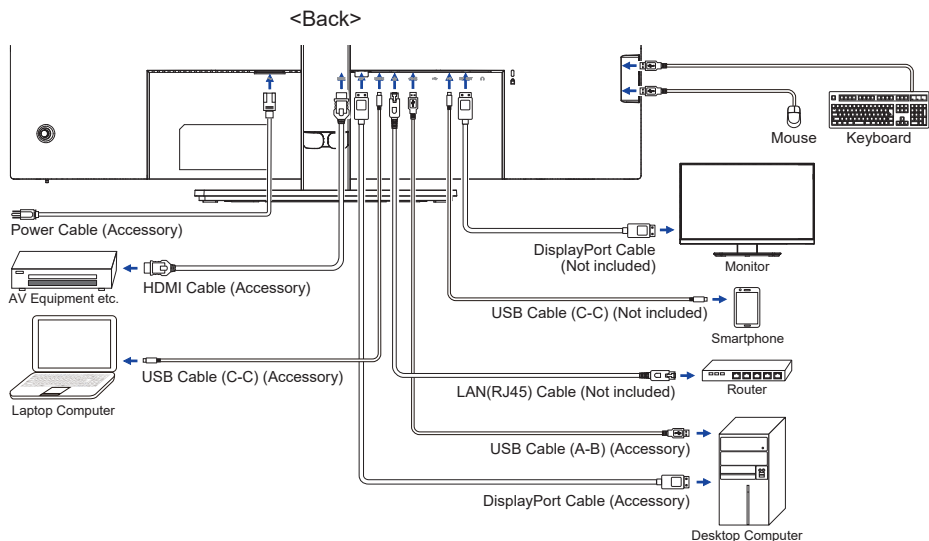
- ① Ensure that both the computer and the monitor are switched off.
- ② Connect the computer to the monitor with the signal cable.
- ③ Connect the computer to the monitor with the USB Cable (Type-A-B).
- ④ Connect the computer to the monitor with the USB Cable (Type-C-C) when viewing images on your monitor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

- * ● When charging connected device via USB Type-C Connector (USB C), check if the device is equipped with a USB Type-C connector that supports charging function via USB PD (=Power Delivery).
 - The connected device can be charged via USB Type-C Connector even when the monitor is in standby mode. See page 21 for "USB Charge" function.
 - The USB power delivery is up to 96W. If the connected device required more than 96W 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 is normal behaviour to minimize power consumption during standby mode. To prevent this behaviour, please access the OSD menu and set "USB Charge" to "On".
 - USB cable (Type-A-C) is not included with the monitor. If you use a USB cable (Type-A-C), please note that you can only transfer data.
 - Compatibility with all connected devices is not guaranteed due to different user environments.

NOTE

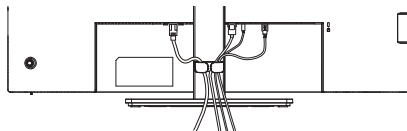
- Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied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

[Example of Connection]



[Collect Cables]

Put the cables through the Cable Holder to bundle them.



DISCONNECTING YOUR MONITOR

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

COMPUTER SETTING

■ Signal Timing

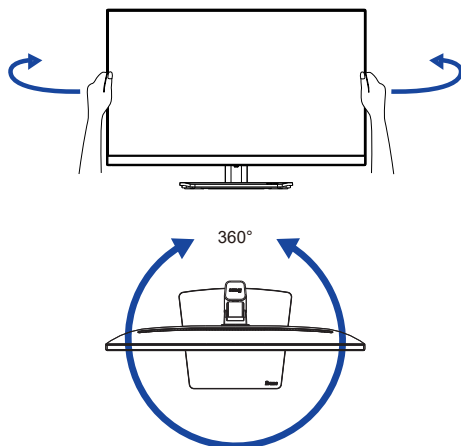
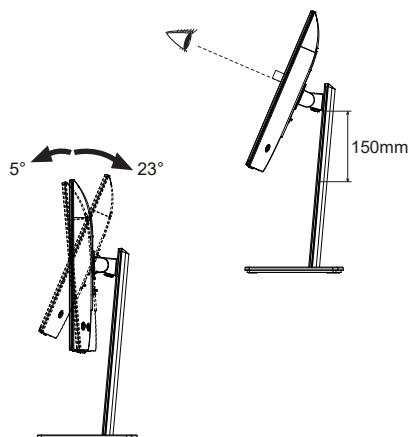
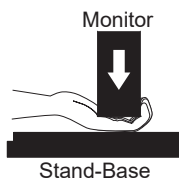
Change to the desired signal timing listed on page 33: COMPLIANT TIMING.

ADJUSTING THE HEIGHT AND THE VIEWING ANGLE

- For optimal viewing it is recommended to position yourself directly opposite to the full face of the monitor, then adjust the monitor's height and angle to your own preference.
- Hold the panel so that the monitor does not topple when you change the monitor's height or angle.
- The monitor height can be adjusted up to 150mm, the panel tilt angle can be adjusted up 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.
- When adjusting the height, do not lower the monitor vigorously while keeping your hand between the lower part of the monitor and the base.



OPERATING THE MONITOR

To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 33. You are also able to adjust the picture by following the operation shown below.

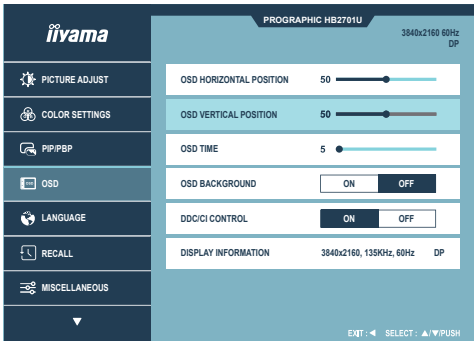
- ① Press the Joystick [Center] on the monitor to start the On Screen Display (OSD) feature. There are additional Menu items which can be switched by tilting the Joystick [↔/↕].



- ② Select the main menu icon related to your desired adjustment or setting. Press the Joystick. Then, tilt the Joystick [↔/↕] to highlight the desired sub-menu.
- ③ Press the Joystick again. Tilt the Joystick [↔/↕] to make the appropriate adjustment or setting.
- ④ Press the Joystick and then tilt it [↔] to leave the menu, and the settings you just made would be automatically saved.

For example, to correct for OSD vertical position, select **OSD** in the main menu and press the Joystick. Then, select “OSD Vertical Position” by tilting the Joystick [↔/↕].

An adjustment scale becomes active after you press the Joystick. Then, tilt the Joystick [↔/↕] to change the OSD vertical position settings. The OSD vertical position of the overall display should be changing accordingly while you are doing this.



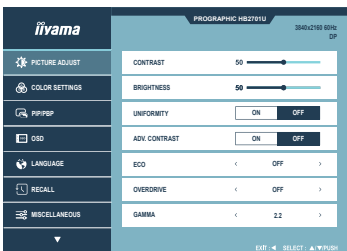
Press the Joystick and finally tilt it [↔] to close the On Screen Display feature. All changes are saved in the memory.

- 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 to the previous step 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.

MENU CONTENTS

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


Picture Adjust



Sub-menu	Problem / Option		Joystick
Contrast	Too dull Too intense		   
Brightness *	Too dark Too bright		   
Uniformity	On	Correct the brightness of the entire screen to be uniform.	
	Off	Normal	
Adv. Contrast	On	Increased Contrast Ratio	
	Off	Typical Contrast Ratio	
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.	
Overdrive	Off / 1 / 2 / 3 / 4 / 5 Improve the gray level response time of the LCD panel. A higher level results in a faster response time.		   
Gamma	1.8	High contrast	
	2.2	Normal	
	2.6	Dark	

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

Shortcut (Default)

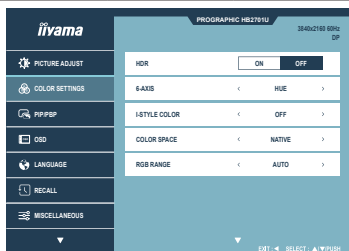
You can shortcut to the specific menu by the following operations.

- ECO: Tilt the Joystick [↵] with no Menu displayed and select "ECO".





Color Settings



Sub-menu	Problem / Option			Joystick
HDR	On	For HDR (High Dynamic Range) signal		
	Off	For normal signal		
6-Axis	Hue	Red	Too weak Too strong	
		Yellow		
		Green		
		Cyan		
		Blue		
		Magenta		
	Saturation	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 movie and video environment		
	Scenery	For displaying outdoor scenery images		
	Text	For text editing and viewing in a word processing environment		
Color Space Shortcut	Native	Select color spaces with different gamuts.		
	DCI-P3			
	Adobe RGB			
	Display P3			
	Rec .709			
	Rec .2020			
	sRGB			

 Color Settings		
Sub-menu	Problem / Option Joystick	
RGB Range	Auto	Automatically select color scale signal.
	Full	For full-range color scale signal
	Limited	For limited color scale signal
Color Temperature	9300K	Cool color
	7500K	Normal color
	6500K	Warm color
User Preset	Red	Too weak Too strong 
	Green	
	Blue	

Shortcut (Default)

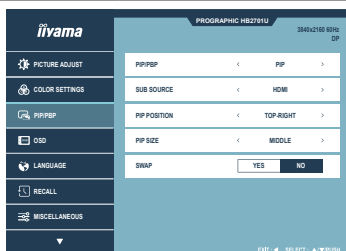
You can shortcut to the specific menu by the following operations.

- Color Space: Tilt the Joystick [↔] with no Menu displayed and select "COLOR SPACE".
- i-Style Color: Tilt the Joystick [↔] with no Menu displayed and select "I-STYLE COLOR".





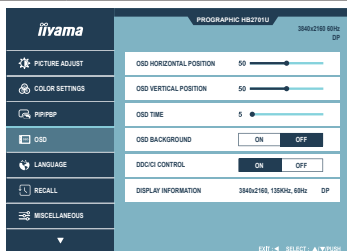
PIP/PBP



Sub-menu	Option	
PIP/PBP * ¹	Off	PIP/PBP function is turned off.
	PIP	Display the sub screen in the main screen.
	PBP LR	Display the main screen on the left and the sub screen on the right.
Sub Source	HDMI	Select the HDMI input for the sub screen.
	DisplayPort (DP)	Select the DisplayPort input for the sub screen.
	USB C	Select the USB Type-C input for the sub screen.
PIP Position * ²	Top-Right	Move the sub screen to the top right corner.
	Bottom-Right	Move the sub screen to the bottom right corner.
	Bottom-Left	Move the sub screen to the bottom left corner.
	Top-Left	Move the sub screen to the top left corner.
PIP Size * ²	Small	Reduce the size of the Sub screen.
	Middle	Normal size of the Sub screen
	Large	Increase the size of the Sub screen.
Swap	Yes	Swap the main and sub screens instantly.
	No	No screen swapping

*¹ PIP = Picture in Picture, PBP = Picture by Picture

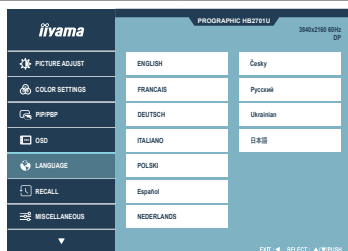
*² Available only in "PIP" mode.



Sub-menu	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 from 5 to 60 seconds.		   
OSD Background	On	Make OSD background transparent.	
	Off	Return to normal.	
DDC/CI Control	On	Enable DDC/CI Control function.	
	Off	Disable DDC/CI Control function.	
Display Information	Display the information regarding the current input signal coming from the graphic card in your computer. NOTE See your graphics card user guide for more information about changing the resolution and refresh.		



Language

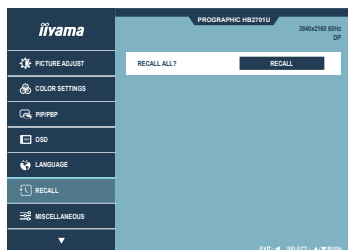


Option

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



Recall



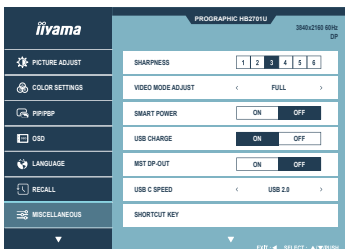
Sub-menu

Option

Recall All?	Recall	Factory-preset data is restored.
-------------	--------	----------------------------------



Miscellaneous



Sub-menu	Option		Joystick
Sharpness	1 / 2 / 3 / 4 / 5 / 6 You can change the picture quality from 1 to 6 (sharp to soft). Tilt [$\rightleftharpoons$] to change the picture quality in numerical order. Tilt [$\rightleftharpoons$] to change the picture quality in reverse numerical order.		
Video Mode Adjust	Full	Full screen display	
	Aspect	Expansion display of Aspect	
	Dot by Dot	Display the picture dot by dot.	
Smart Power ^{*1}	On	When the USB Type-B is connected, the USB Power Delivery varies depending on the total power of the USB Downstream connectors used.	
	Off	Disable Smart Power function.	
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 if 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.

^{*1} USB Type-A Downstream: 4.5W

USB Type-C Downstream: 15W

USB Downstream	Max. USB PD
Total power $\leq$ 6W	96W
6W < Total power $\leq$ 16W	80W
16W < Total power	65W



Miscellaneous

Sub-menu	Option		
MST DP-Out *2,3,4,5	On	Video signal from computer can be extended on the second monitor.	
	Off	Video signal from computer is cloned on the second monitor.	
USB C Speed	USB 2.0	Select the data transfer speed when connecting via USB Type-C.	
	USB 3.0		
Shortcut Key	Left Key	Show sub menu	Video Mode Adjust
		Brightness	i-Style Color
		Contrast	Color Temp
	Right Key	Volume	Video Mode Adjust
		Brightness	i-Style Color
		Contrast	Color Temp
	Down Key	USB Switch *6	Video Mode Adjust
		Brightness	i-Style Color
		Contrast	Color Temp
	Reset	Menu assignments are reset to factory settings.	
NOTE You can assign a menu selected from the options above to the Joystick.			
Opening Logo	On	iiyama Logo is displayed when the monitor is turned on.	
	Off	iiyama Logo is not displayed when the monitor is turned on.	
Power LED	On	The Power Indicator is turned On.	
	Off	The Power Indicator is turned Off.	
NOTE Turn Off the Power Indicator when you are bothered by the light.			
MAC Address *7	Display the LAN MAC address.		
FW Version	Display the firmware version.		

*2 Disabled when "PIP/PBP" is activated.

*3 Available for DisplayPort or USB Type-C input only.

*4 On/Off switching is not affected by input signal switching.

*5 Daisy Chaining by "MST DP-OUT" function

Input source	Case	1st monitor Max. resolution	2nd monitor Max. resolution
DisplayPort or USB Type-C	A	3840 × 2160 @60Hz	3840 × 2160 @30Hz
	B	3840 × 2160 @30Hz	3840 × 2160 @30Hz

The total number of monitors that can be daisy-chained is two, including the first one directly connected to the computer.

*6 See page 23 on the "USB Switch" feature.

*7 MAC address pass-through is not supported.

 KVM *			
Sub-menu		Option	
HDMI	USB B	Two computers connected to one monitor's USB Upstream Connectors can share the keyboard and mouse connected to that monitor.	
	USB C		
DisplayPort (DP)	USB B	USB B: Link the input source with “  ” Connector.	
	USB C		
USB C	USB B	USB C: Link the input source with “USB C” Connector.	
	USB C		

* How to check which USB input currently has “KVM” enabled

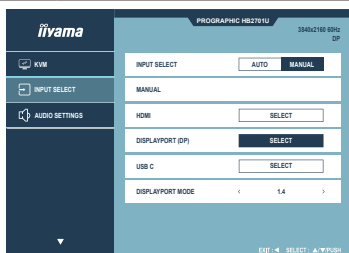
Shortcut (Default)

- USB Switch: With “PBP LR” (in PIP/PBP menu) enabled, tilt the Joystick [Tilt the Joystick [



Input Select

Direct



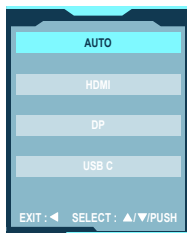
Sub-menu	Option		
Input Select	Auto	Search for an available input source and select automatically.	
	Manual	HDMI	Select the HDMI input.
		DisplayPort (DP)	Select the DisplayPort input.
		USB C	Select the USB Type-C input.
NOTE Auto option enables automatic selection of the input sources available. The input source from the computer in standby mode can not be selected. If you manually select one of the input sources, the other source is not automatically selected.			
DisplayPort Mode *	1.4	Set the version 1.4 of the DisplayPort.	
	1.2	Set the version 1.2 of the DisplayPort.	
	1.1	Set the version 1.1 of the DisplayPort.	

* Available for DisplayPort input only.

Direct

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

- Input Select: Tilt the Joystick [⇄] with no Menu displayed.



Sub-menu		Problem / Option	Joystick
Volume	Shortcut	Too soft Too loud	 
Mute Audio ^{*1}		On	Turn off the sound temporarily.
		Off	Return the sound volume to the previous level.
Audio Input ^{*2}		HDMI	Switch the audio input to HDMI.
		DP	Switch the audio input to DisplayPort.
		USB C	Switch the audio input to USB Type-C.

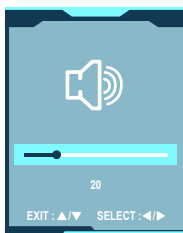
^{*1} You can directly display the setting screen by tilting the Joystick [$\leftrightarrow$] for 3 seconds with no Menu displayed.

^{*2} Available when "PIP/PBP" is enabled.

Shortcut (Default)

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

- Volume: Tilt the Joystick [$\leftrightarrow$] with no Menu displayed.



■ Lock Mode

<OSD Menu>

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

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

<Power Button Function>

The Power Button function can be locked to avoid an accidental power operation.

1. Make sure the monitor is turned ON.
2. The Power Button function will be locked by tilting the Joystick [↕] for about 10 seconds. If you try to turn off the monitor by pressing the Joystick, a message "POWER BUTTON LOCKED" will appear on the screen.
3. The Power Button function will be unlocked by tilting the Joystick [↕] again for about 10 seconds.

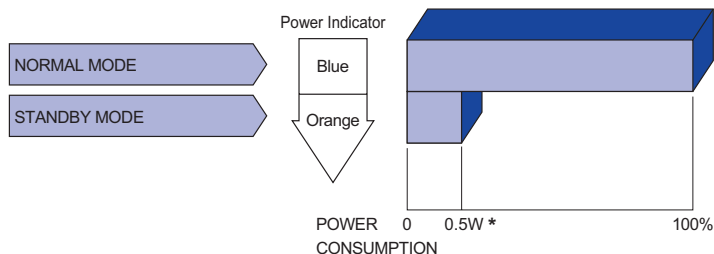
STANDBY FEATURE

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 0.5W or less*. The screen becomes dark, and the power indicator turns to orange. From Standby Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.



* When the USB devices are not connected.

TROUBLE SHOOTING

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

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

Problem		Check
①	The picture does not appear.	
	(Power indicator does not light up.)	☐ The Power Cable is firmly seated in the socket. ☐ The Power Button is turned ON. ☐ The AC socket is live. Please check with another piece of equipment.
	(Power indicator is blue.)	☐ If the blank screen saver is in active mode, touch the keyboard or the mouse. ☐ Increase the Contrast and/or Brightness. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor.
	(Power indicator is orange.)	☐ If the monitor is in standby mode, touch the keyboard or the mouse. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor.
②	The screen is not synchronized.	☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor.
③	The screen position is not in the center.	☐ The signal timing of the computer is within the specification of the monitor.
④	The screen is too bright or too dark.	☐ The video output level of the computer is within the specification of the monitor.
⑤	The screen is shaking.	☐ The power voltage is within the specification of the monitor. ☐ The signal timing of the computer is within the specification of the monitor.
⑥	No sound.	☐ The audio equipment (computer etc.) is ON. ☐ The Volume is turned up. ☐ The Mute is OFF. ☐ The audio output level of the audio equipment is within the specification of the monitor.
⑦	The sound is too loud or too quiet.	☐ The audio output level of the audio equipment is within the specification of the monitor.

RECYCLING INFORMATION

For better environment protection please don't dispose your monitor.
Please visit our web site: <https://iiyama.com> for monitor recycling.

APPENDIX

Design and specifications are subject to change without prior notice.

SPECIFICATIONS : PROGRAPHIC HB2701UHSNP-B1

Size Category		27"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 27" (68.5cm)
	Pixel pitch	0.155mm H × 0.155mm V
	Brightness	450cd/m ² (Typical), 170cd/m ² (Default / Energy Saving)
	Contrast ratio	3000 : 1 (Typical), Advanced Contrast Function Available
	Viewable angle	Left / Right: 89° each, Up / Down: 89° each (Typical)
	Response time *1	4ms (Gray to Gray)
Display Colors		Approx. 1.07 Billion
Color Space		DCI-P3: 99%, sRGB: 100%
Sync Frequency		Horizontal: 30.0-140.0kHz, Vertical: 40-60Hz
Native Resolution		3840 × 2160, 8.3 MegaPixels
Supported max. resolution		3840 × 2160 60Hz
Input Connector		HDMI, DisplayPort, USB Type-C
Input Video Signal		HDMI, DisplayPort, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (96W)
Number of USB Ports		2 Upstream: Type-B, Type-C
Connector shape		4 Downstream: Type-A (DC5V, 900mA) × 3, Type-C (DC5V, 3A) × 1
LAN Port		RJ45
Output Video Connector		DisplayPort
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, 2.3A
Power Consumption *3		27W (Typical) Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions		614.0 × 404.5 - 544.0 × 224.5mm / 24.2 × 15.9 - 21.4 × 8.8" (W×H×D)
Net Weight		6.7kg / 14.8lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23°, Downward: 5° Swivel: 360° Rotation: Clockwise / Counterclockwise: 90° 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		TCO Certified, CE, UKCA, TÜV-GS, EAC, VCCI, PSE, Eye Comfort, Eyesafe

NOTE

*1

When "Overdrive" is set to 5.

*2

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

*3

When the USB devices are not connected.

SPECIFICATIONS : PROGRAPHIC HB3201UHSNP-B1

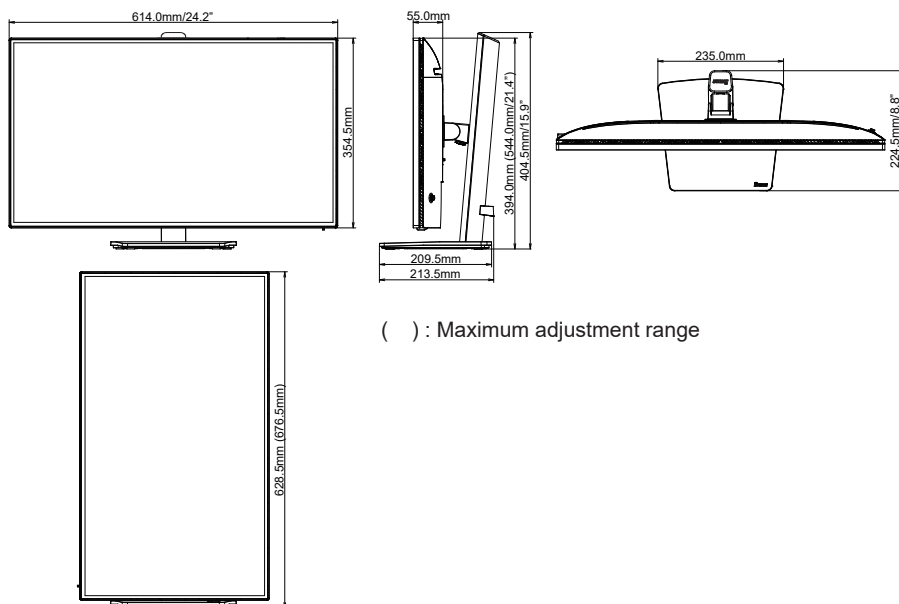
Size Category		32"
LCD Panel	Panel technology	IPS (In-Plane-Switching)
	Size	Diagonal: 31.5" (80cm)
	Pixel pitch	0.182mm H × 0.182mm V
	Brightness	450cd/m ² (Typical), 175cd/m ² (Default / Energy Saving)
	Contrast ratio	3000 : 1 (Typical), Advanced Contrast Function Available
	Viewable angle	Left / Right: 89° each, Up / Down: 89° each (Typical)
	Response time ^{*1}	4ms (Gray to Gray)
Display Colors		Approx. 1.07 Billion
Color Space		DCI-P3: 99%, sRGB: 100%
Sync Frequency		Horizontal: 30.0-140.0kHz, Vertical: 40-60Hz
Native Resolution		3840 × 2160, 8.3 MegaPixels
Supported max. resolution		3840 × 2160 60Hz
Input Connector		HDMI, DisplayPort, USB Type-C
Input Video Signal		HDMI, DisplayPort, USB Type-C (Alt Mode)
USB Standard		USB3.2 Gen 1 (5Gbps), USB Power Delivery (96W)
Number of USB Ports		2 Upstream: Type-B, Type-C
Connector shape		4 Downstream: Type-A (DC5V, 900mA) × 3, Type-C (DC5V, 3A) × 1
LAN Port		RJ45
Output Video Connector		DisplayPort
Headphone Connector ^{*2}		ø 3.5mm mini jack (Stereo)
Speakers		2.5W × 2 (Stereo speakers)
Maximum Screen Size		697.3mm W × 392.2mm H / 27.5" W × 15.4" H
Power Source		100-240VAC, 50/60Hz, 2.3A
Power Consumption ^{*3}		32W (Typical) Standby mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions		714.5 × 438.0 - 588.0 × 260.0mm / 28.1 × 17.2 - 23.1 × 10.2" (W×H×D)
Net Weight		9.0kg / 19.8lbs
Height Adjustment Range		150mm
Angle		Tilt: Upward: 23°, Downward: 5° Swivel: 360°
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		TCO Certified, CE, UKCA, TÜV-GS, EAC, VCCI, PSE, Eye Comfort, Eyesafe

NOTE ^{*1} When "Overdrive" is set to 5.

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

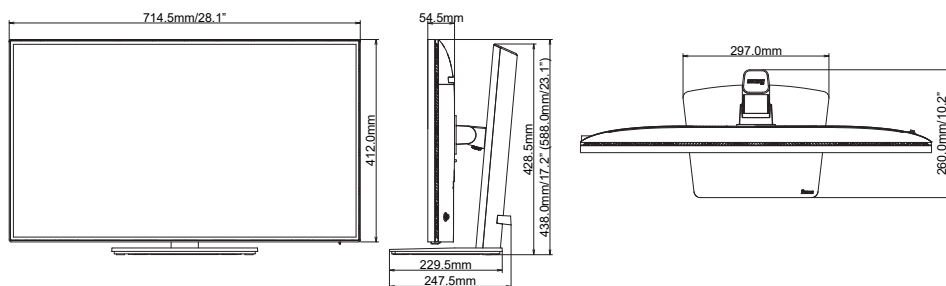
^{*3} When the USB devices are not connected.

DIMENSIONS : PROGRAPHIC HB2701UHSNP



() : Maximum adjustment range

DIMENSIONS : PROGRAPHIC HB3201UHSNP



() : Maximum adjustment range

COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock
640 × 480	31.469kHz	59.940Hz	25.175MHz
800 × 600	37.879kHz	60.317Hz	40.000MHz
1024 × 768	48.363kHz	60.000Hz	65.000MHz
1280 × 720	44.720kHz	60.000Hz	74.500MHz
1280 × 1024	63.981kHz	60.020Hz	108.000MHz
1440 × 900	55.935kHz	59.887Hz	106.500MHz
1680 × 1050	65.290kHz	60.000Hz	146.250MHz
1920 × 1080	67.500kHz	60.000Hz	148.500MHz
2560 × 1440	88.787kHz	59.951Hz	241.500MHz
3840 × 2160	135.000kHz	60.000Hz	594.000MHz