iiyama

USER MANUAL

ProLite

LCD Monitor

ProLite TN8605A
ProLite TN7505A
ProLite TN6505A

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

iiyama | Servicecard

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

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

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

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

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

Things to check before you call the iiyama information line

| if the power cable is connected securely and turned on?

| if the display has been turned on?

| if the signal cable is connected securely and the correct input selected?

| if the computer has been restarted with the display connected?

| if the graphics card is correctly installed with the latest drivers possible?

| if the correct native resolution has been selected via 'Display Properties'?

| If the R/G/B signal configuration is correct?

| if the displays On Screen Menu is shown?

| if the correct brightness and contrast settings have been set?

| if given display tolerances and compatibility have been considered?

| if via the On Screen Menu you have performed a Factory Reset/Recall?

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

| model number *

| purchase receipt and serial number *

| name and address for collection

| telephone/fax number, for availability during the day

| convenient collection date (date, time)

| short description of the defect

Important Note:

If there is no fault found in the collected equipment after inspection,

the transferring party shall incur charges for transport and administration.

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

Feedback on health and safety issues

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

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

https://iiyama.com

ii**yama**

CE MARKING DECLARATION OF CONFORMITY

This LCD monitor complies with the requirements of the EC/EU Directive 2014/53/EU "RED 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.

Operating Frequency range and the maximum output power (EIRP) are listed below:

IIYAMA CORPORATION: Taurusavenue 187, 2132 LS Hoofddorp, The Netherlands

Model No. : PL8605 / PL7505 / PL6505

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 TN8605A-B1AG: 2552405, TN7505A-B1AG: 2532105, TN6505A-B1AG: 2531007

⚠ **WARNING**

THIS PRODUCT CONTAINS TWO AAA ALKALINE BATTERIES.

Do not heat batteries.

Do not deform battery.

Do not recharge battery.

Do not dispose of battery in fire.

Keep battery away from direct sunlight and heat sources, do not storage in high temperature and humidity environment.

Do not ingest battery, Chemical Burn Hazard.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Battery Model	LR03
Battery Voltage/Typical Capacity	1.5 V, 1200 mAh
Battery Manufacturer	TP Vision Europe B.V. Prins Bernhardplein 200, 1097 JB Amsterdam, The Netherlands

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old products helps to prevent potential negative consequences for the environment and human health. Your product contains batteries covered by the European Regulation (EU) 2023/1542, which cannot be disposed with normal household waste. Alternatively, please visit https://iiyama.com/gl_en/support/#recycling

TABLE OF CONTENTS

FOR YOUR SAFETY

SAFETY PRECAUTIONS

WARNING

STOP OPERATING THE MONITOR WHEN YOU SENSE TROUBLE

If you notice any abnormal phenomena such as smoke, strange sounds or fumes, unplug the monitor and contact your dealer or iiyama service center immediately. Further use may be dangerous and can cause fire or electric shock.

NEVER REMOVE THE CABINET

High voltage circuits are inside the monitor. Removing the cabinet may expose you to the danger of fire or electric shock.

DO NOT PUT ANY OBJECT INTO THE MONITOR

Do not put any solid objects or liquids such as water into the monitor. In case of an accident, unplug your monitor immediately and contact your dealer or iiyama service center. Using the monitor with any object inside may cause fire, electric shock or damage.

INSTALL THE MONITOR ON A FLAT, STABLE SURFACE

The monitor may cause an injury if it falls or is dropped.

DO NOT USE THE MONITOR NEAR WATER

Do not use where water may be splashed or spilt onto the monitor as it may cause fire or electric shock.

OPERATE UNDER THE SPECIFIED POWER SUPPLY

Be sure to operate the monitor only with the specified power supply. Use of an incorrect voltage will cause malfunction and may cause fire or electric shock.

PROTECT THE CABLES

Do not pull or bend the power cable and signal cable. Do not place the monitor or any other heavy objects on the cables. If damaged, the cables may cause fire or electric shock.

ADVERSE WEATHER CONDITIONS

It is advisable not to operate the monitor during a heavy thunder storm as the continual breaks in power may cause malfunction. It is also advised not to touch the plug in these circumstances as it may cause electric shock.

ENGLISH

INSTALLATION LOCATION

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

DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION

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

MAINTAIN GOOD VENTILATION

Ventilation slots are provided to keep the monitor from overheating. Covering the slots may cause fire. To allow adequate air circulation, place the monitor at least 10 cm (or 4 inches) from any walls. 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.

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 is recovered slowly by changing the image or turning off the Power Switch for hours.

■ This LCD cannot be used outdoors.

■ This LCD cannot be used with the screen facing upwards.

■ If you use a cable longer than the supplied one, the picture quality is not guaranteed. Touch function can be disrupted if the USB cable length exceeds 3m.

USAGE CONFIRMATION

The display is compatible for usage in Landscape applications.

IMAGE PERSISTENCE / IMAGE STICKING

Please be aware that all LCD screens can experience Image Persistence or Image Sticking. This occurs when a residual image remains visible on a screen when static images are displayed for long periods of time. LCD Image Persistence is not permanent but constant images being displayed for a long period of time should be avoided.

To counteract Image Persistence, turn off the monitor for as long as the previous image was displayed, so if an image was on the monitor for 1 hour and there is evidence of a residual or "ghost" image, you should turn off the monitor for 1 hour in order to clear the residual image.

For all LFD products, iiyama recommends displaying moving images and utilising a moving screen saver at regular intervals whenever the screen is idle. You could also turn off the monitor when not in use to assist the prevention.

Other ways to reduce the risk of Image Persistence will be to utilise the FAN-on function (if available), Low Backlight and Low Brightness settings.

FOR EXTENDED USE AS A PUBLIC DISPLAY

■ Image Sticking on LCD Panel

When a static image is displayed for hours, an electric charge trace remains near the electrode inside the LCD producing a "ghost" image. (Image Persistence).

Image Persistence is not a permanent feature.

■ Recommendations

To prevent Image Sticking and promote longer life expectancy of display, we recommend the following:

1. Avoid static images displayed for long periods – change static images on continuous loop.
2. Turn off monitor when not in use, either by remote control or use Standby or Schedule functions.
3. When monitor is installed in high ambient temperature environment(s) or in an enclosed position, utilise the Cooling Fan, Screen Saver and Low Brightness functions.
4. Suitable ventilation for any monitor is an expectation of any installation – climate control systems may need to be employed.
5. We strongly recommend utilisation of active cooling with fans for long operation times or high ambient temperature environments.

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 Touch Panel, and deterioration of components.
- To avoid potential damage on the monitor (Touch 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 Touch Panel, and deterioration of components.

Benzine	Hypochlorous acid water
Thinner	Acidic or alkaline solvents
Alcohol	Wax
Bleach	Abrasives
Peroxide	Office equipment cleaner
Acetone	Glass cleaner
Methylene chloride	Tissue paper
Toluene	Wet tissue
Ammonia	Chemical cloth
Sodium hypochlorite solution	Cleaning paper
(Chlorine bleach)	etc.

NOTE
- To protect the Touch Panel, do not scratch or rub the screen with a hard object.
- Do not leave the Touch 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 Touch 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 Touch 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 1200:1 (Typical: without glass) / Brightness 500cd/m^2 (Typical, panel)**

◆ **Digital Character Smoothing**

◆ **Automatic Set-up**

◆ **USB Type-C / RJ45 Connectors**

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

◆ **2 × 20W (Max) Stereo Speakers + 1 × 20W (Max) Subwoofer**

◆ **VESA Mounting Standard (600mm×400mm) Compliant : ProLite TN6505A**

◆ **VESA Mounting Standard (800mm×400mm) Compliant : ProLite TN7505A**

◆ **VESA Mounting Standard (800mm×600mm) Compliant : ProLite TN8605A**

◆ **Glass with AG coating & Anti-Bacteria**

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
■ Touch USB Cable
■ Remote Control
■ Battery (2pcs)
■ Touch Pen (Dual head: 4pcs)

■ Cable ties (For cable management, 6pcs)
■ Mounting bracket for webcam (1set)
■ Wall mount kit
■ Quick Start Guide
■ Safety 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.

UNPACKING

CAUTION

Moving the monitor requires at least two people. If not, it may drop and could result in a serious injury.

SPECIAL NOTES ON THE TOUCH PANEL

CAUTION

Permanent damage can occur if Sharp Edged, Pointed or Metal items are used to activate Touch.
This could invalidate any remaining warranty.
We recommend you use a plastic stylus (tip ø3mm or over) or finger.

INSTALLATION

CAUTION

■ Follow the manual instructions for the type of mount you have selected. Refer all servicing to qualified service personnel.

■ Moving the monitor requires at least two people.

■ Before installation, please make sure the wall is strong enough to hold the necessary weight of the display and the mount.
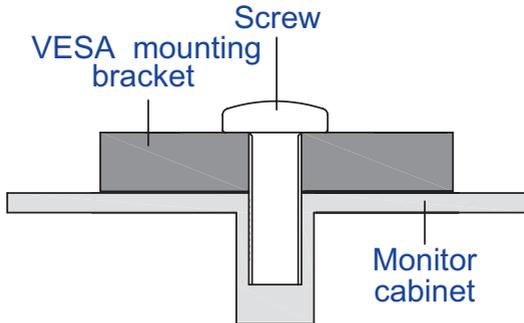
[WALL MOUNTING]

CAUTION

Use four M8 x 20 mm screws to fix a VESA mounting bracket to the monitor. Make sure that all screws are tightened and secured properly.

When using the wall mounting, consideration of thickness of the VESA mounting bracket needs to be taken. The thickness of the VESA mounting bracket is assumed to be approx. 2.5 mm.

Using a screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.


[WALL MOUNTING KIT]

■ Wall-mount bracket (pre-installed on the monitor)

■ Vertical bracket bars (pre-installed on the monitor)

■ Wall-mount anchor screws (ST7 × 56 mm) × 8

■ Wall-mount fixing screws (M5 × 100 mm) × 2

■ Washer × 8

■ PP expansion plug × 8

① Place the monitor face down on a table or stand that can support over 160 kg. Loosen the two M4 × 10mm screws on the bracket with a screwdriver and remove the horizontal beam bracket.

Bracket

Screw M4×10mm
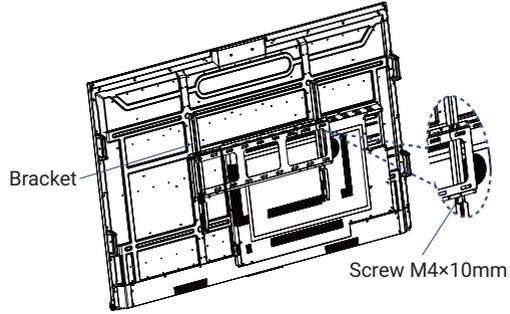
② Take out the M5×100 mm screws and pre-insert them into the vertical beam bracket to a depth of 2–10 mm.

Screw M4×10mm
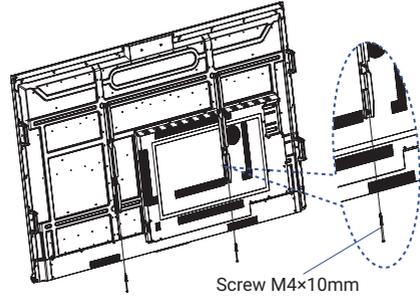
③ Position the hanger horizontally on the wall, mark and drill eight φ12 mm holes at a depth of at least 60 mm, insert the expansion plugs, and secure the support with ST7×56 mm hex bolts and washers.

Expansion plug — Wall

Washer
Wall-mount fixing screws
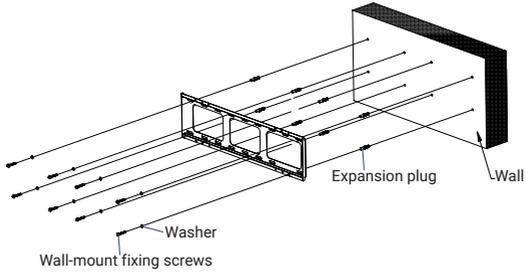
④ Mount the machine onto the horizontal beam bracket, then use a long screwdriver to tighten the two M5×100 mm screws until they engage fully with the horizontal beam bracket.

Wall

Screw M5×100mm
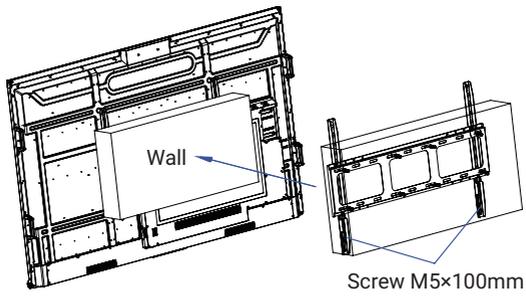
[INSTALLATION NOTE]

The touch kit of this monitor is an optical device that utilizes infrared light source and sensitive sensors for touch detection.

Notice the incident light that contains large quantities of infrared light may affect touch screen operation and performance.

Please install it with care as follows to ensure reliable touch performance.

Intense light / Specular light / Focus spotlight / Wide spread light / Direct sunlight / Indirect sunlight from the window and/or the glass door. / Not install the touch monitor right under the light source.
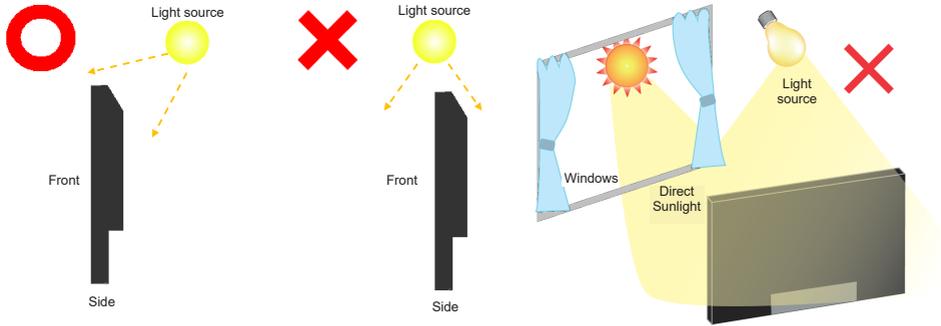
[ROTATING THE DISPLAY]

It is designed to be compatible in landscape mode.
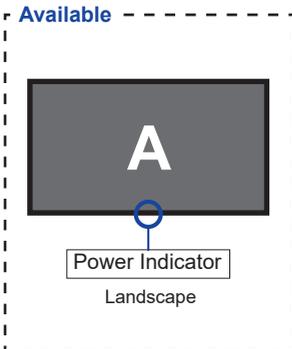
CONTROLS AND CONNECTORS : MONITOR

<Front>

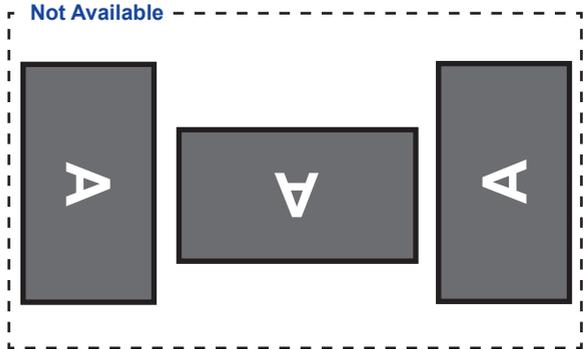|			
①	Power Button ⏻		**Power On** **Power Off** Pressing and holding the Power Button on the front for 3-5 seconds. **Screen Off** A short press.
②	Power Indicator	White	Normal Operation
		Red	**Standby Mode** When the power indicator light is lighting red, the display is in Power Save Mode. To turn the screen back on, you can press the power button on the front or the remote control.
		White Flashing	The Screen Off function is active. To turn the screen back on, you can touch the screen or any button on the remote control.
		Red & White Flashing	System is updating.
③	Remote/Light Sensor		
④	Magnetic stylus holder		
⑤	Speakers (Facing forward, 20W×2)		
⑥	AC IN	AC-INLET	AC Connector(∼ : Alternating current) (AC-IN)
⑦	AC SWITCH ❙ (ON) / ○ (OFF)	MAIN POWER	Main Power Switch
⑧	AUDIO OUT *[1]		Headphone Connector ø 3.5mm TRS mini jack
⑨	RS232C		DB-9 Connector
⑩	USB2.0 Save Annotations and Service Only		USB Type-A Connector USB 2.0 (480 Mbps, 5V, 0.9A)
⑪	VGA IN		VGA Connector
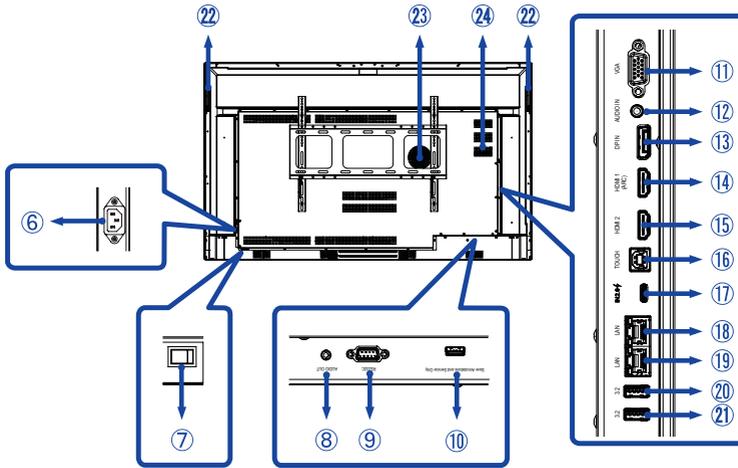
⑫	AUDIO IN	Headphone Connector ø 3.5mm TRS mini jack
⑬	DisplayPort IN	Standard DisplayPort Connector DisplayPort 1.4 3840×2160 60Hz HDCP 2.2
⑭ ⑮	HDMI1 IN (ARC)*³ HDMI2 IN	Standard HDMI Connector HDMI2.0 3840×2160 60Hz HDCP 2.2
⑯	TOUCH (for HDMI2/DisplayPort)	USB Type-B Connector
⑰	TYPE C IN	USB Type-C Connector USB2.0 Gen 1 (480Mbps, 5V3A, 9V3A, 12V3A, 15V3A, 20V3.25A) DisplayPort 1.2 ALT mode / Touch / Power Delivery 65W*²
⑱ ⑲	LAN	RJ45 Gigabit Ethernet
⑳	USB3.2 (Public)	USB Type-A Connector USB3.2 Gen 1 (5Gbps, 5V, 1.8A)
㉑	USB3.2 (Public)	USB Type-A Connector USB3.2 Gen 1 (5Gbps, 5V, 1.8A)
㉒	Handles	2x
㉓	Subwoofer 20W	
㉔	Option PC module slot	

*¹ Proper operation of connected external devices other than headphones is not guaranteed.
*² **WARNING**: This product supports USB Type-C Power Delivery specification and can provide a maximum output of up to 65W. For safety consideration, this USB Type-C port must be connected to the approved products (meet the fire protection requirements of IEC 62368) with the VW-1 USB Type-C cable.
*³ The HDMI ARC function is only available when you enable CEC. The connected device (e.g. soundbar) needs to have/support HDMI ARC.

FUNCTIONS OF THE REMOTE CONTROL

①	⏻	Turn the monitor ON and OFF.
②	Number (1-9) / Other / Keyboard function	Not available on this model.
③	Display	Provide source and resolution information.
④	Home	Not available on this model.
⑤	Input	Select the source.
⑥	Screen Off	Turn the backlight On and Off.
⑦	▲ ▼ ◄►	Navigate through submenus and settings. ▲: Up Button ▼: Down Button ◄: Left Button ►: Right Button
	OK	Confirm your selection or save changes.
⑧	🖉	Quickly start "Annotation".
⑨	PgUp / PgDn	Not available on this model.
⑩	Lift + / Lift -	Not available on this model.
⑪	Green	Not available on this model.
⑫	Red	Not available on this model.
⑬	Webcam *	🚫 : Camera off, 🎤 : Mic off, ∧∨‹› & OK : Adjust the position of field of view, ↩ : Return, $^{AI}/_M$: Auto Framing/Manual, ⊕ / ⊖ : Zoom in / out, ≡ : OSD menu
⑭	🔇	Turn on or off the mute function when the Menu is not displayed.
⑮	↻	Not available on this model.
⑯	MENU	Displays the "Setting" menu.
⑰	⌫	Not available on this model.
⑱	Back	Return to a previous menu or closes the OSD Menu.
⑲	VOL+ / VOL-	VOL+: Increase the sound volume. VOL-: Decrease the sound volume.
⑳	Yellow	Not available on this model.
㉑	Blue	Not available on this model.

*UC-CAM10PRO-1 and UC-CAM10PRO-MA1 manufactured from March 2025 onwards will support this feature. Products manufactured prior to this date will require a firmware upgrade.

PREPARING THE REMOTE CONTROL

To use the remote control, insert the two dry batteries.

CAUTION

- Do not use any other batteries other than those specified in this manual for the Remote Control.
- Do not insert old and new batteries together in the Remote Control.
- Make sure that the terminals match the "+" and "-" indications in the battery compartment.
- Remove the dead batteries immediately to prevent them from liquid leaking into the battery compartment.
- Burst batteries or the electrolyte from these batteries may cause stains, fire or injury.

① Open back cover of battery component on the back of remote control.
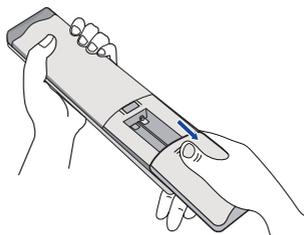
② Align and insert two AAA batteries according to their plus and minus ports (as indicated in the remote control).
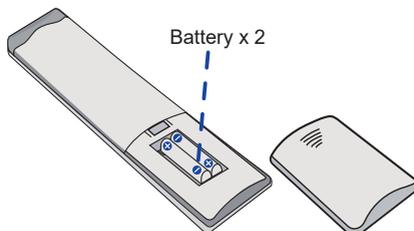
Battery x 2

③ After battery is installed, close the back cover of battery components, and make the following clip buckled to the bottom.
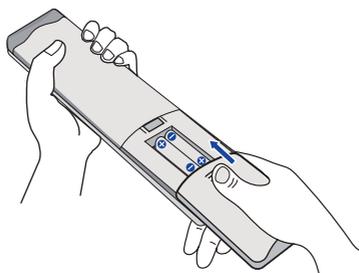
■ Refer to the above instructions when taking out the batteries.

■ Replace with new batteries when the Remote Control does not work close to the monitor. Use AAA dry batteries. Risk of explosion if battery is replaced by an incorrect type.

■ Operate the Remote Control by pointing it toward the Remote Sensor on the monitor.

■ Other manufacturers remote control will not work with this monitor. Use the provided Remote Control ONLY.

■ Used batteries needed to follow the city rule to be discarded. (suggestion: to dispose of used batteries please follow correct policy as per your council regulations)

■ Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

■ If you do not intend to use the remote control for a long period, remove the batteries.

ENGLISH

BASIC OPERATION

■ Turning the monitor ON

The monitor is turned On and the Power Indicator turns to White when you press the Power Button on the monitor or the Remote Control. The monitor is turned Off and the Power Indicator turns to Red when you press the Power Button on the monitor or the Remote Control. Press again to turn On the monitor.

NOTE

Even when using the standby mode or turning OFF the Power Switch, the monitor will consume a small amount of electricity. Turn OFF the Power Switch or disconnect the Power Cable from the power supply whenever the monitor is not in use or during the night, to avoid unnecessary power consumption.
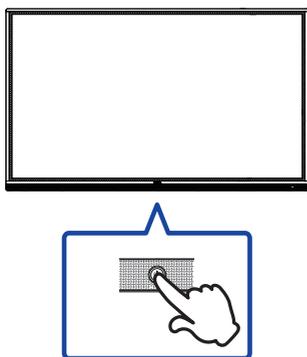
[Monitor]   **[Remote Control]**

■ Display the device menu page

The device menu page appears on the screen when you press the Menu Button on the Remote Control. The device menu page disappears when you press the Back Button on the Remote Control.

[Remote Control]

■ Move the cursor vertically

Select adjustment by pressing the ▲ / ▼ Button on the remote control while the menu page is displayed on the screen.

[Remote Control]

■ Move the cursor horizontally

Select menu or setting, or perform the adjustment by pressing the ◀ / ▶ Button on the remote control while the menu page is displayed on the screen.

[Remote Control]

■ **Adjust the volume of sound**

Press the VOL- / VOL+ Button on the remote control to adjust the volume of sound when the menu page is not displayed on the screen.

[Remote Control]

■ **Switch the input signal**

The Input setting menu appears on the screen when you press the Input Button on the remote control.

[Remote Control]

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 Touch USB Cable.
④ Connect the computer to the monitor with the USB Type-C Cable when viewing images on your monitor through the USB Type-C Connector or when using the monitor's USB hub function.*
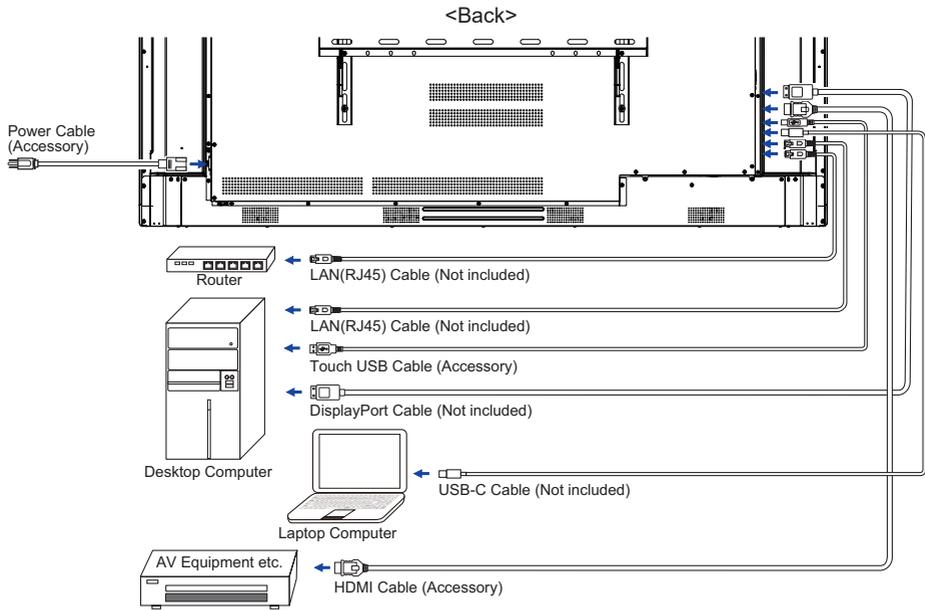⑤ Connect the Power Cable to the monitor first and then to the power source.
⑥ Turn on your monitor (Main Power Switch and Power Button) and computer.

● * When charging connected device via USB Type-C Connector, 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.

● The USB power delivery is up to 65W. If the connected device required more than 65W for operation or for boot up (when the battery is drained), use the original power adapter that came with the device.

● If a separately purchased USB Type-C Cable is used, make sure the cable is certified by USB-IF and is full-featured with power delivery and video / audio / data transfer functions.

● USB C to A cable is not included with the monitor. If you use a USB C to A cable, please note that you can only transfer data.

● Compatibility with all connected devices is not guaranteed due to different user environments.

NOTE

■ Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
■ The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
■ Make sure you tighten the finger screws at each end of the Signal Cable.
■ The touch function is ready for use about 5 seconds after connecting the USB cable and can be operated with a pen, finger or any other pointer.
■ 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>

ENGLISH

Power Cable
(Accessory)

Router
LAN(RJ45) Cable (Not included)

LAN(RJ45) Cable (Not included)

Touch USB Cable (Accessory)

DisplayPort Cable (Not included)

Desktop Computer

USB-C Cable (Not included)

Laptop Computer

AV Equipment etc.
HDMI Cable (Accessory)
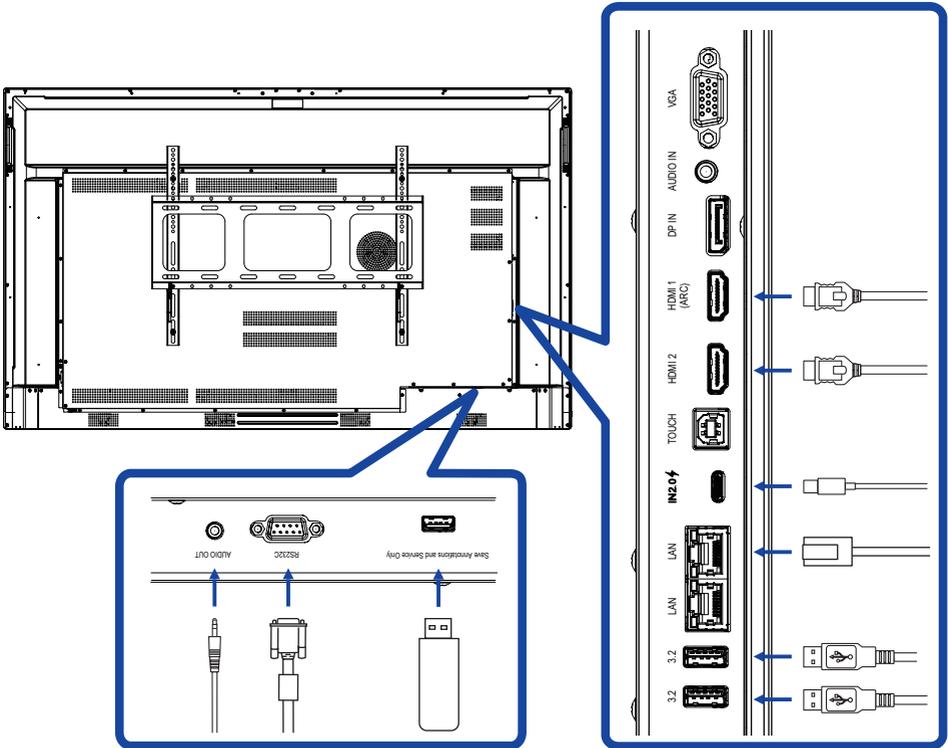
[Connection example with the peripheral device]

Turn off the power switch and unplug the monitor and peripherals before connection to avoid an electric shock or a damage.

NOTE

■ Refer to the user manual of peripherals at the same time.
■ Ensure you have the necessary cables as required.

ENGLISH

COMPUTER SETTING

■ Signal Timing

Change to the desired signal timing listed on page 46: COMPLIANT TIMING.

■ Procedure for turning ON the Power Switch

Turn ON the monitor first, and then the computer.

■ MULTI-TOUCH :

This monitor complies with DDC2B of VESA standard. (Plug&play compliant)

The MULTI-TOUCH function runs on Windows7/8/8.1/10/11 by connecting the monitor to DDC2B compliant computer with the USB cable supplied.

■ TOUCH support operation system :

Microsoft Windows 2000 (64 bit and 32 bit)

Microsoft Windows XP (64 bit and 32 bit)

Microsoft Windows Vista (64 bit and 32 bit)

Microsoft Windows 7 (64 bit and 32 bit)

Microsoft Windows 8/8.1/10/11 (64 bit and 32 bit)

Mac OS X V13.1 & higher HID for single touch only

Linux   3.0 & higher need patch for multi-touch

       3.5 & higher HID for multi-touch

Not support Windows earlier versions.

	Windows 7*5,8/8.1*6,10*6,7,8,11*6,7,8	Windows7*4	Vista	XP	2000	Mac OSX	Linux
Default mouse*1	○	○	○	○	○	○	○
Touch digitizer*2	○	○	○	×	×	×	×
Windows gestures*3	○	×	×	×	×	×	×

*1 Default mouse (click, drag, double-click and right-click)

*2 Touch digitizer (click, drag /selection, double-click, right-click, flick and visual feedback)

*3 Digitizer with Windows7/8/8.1/10 multi-touch gestures

*4 Windows 7 - Starter and Home Basic version

*5 Windows 7 - Home Premium, Professional, Enterprise and Ultimate versions

*6 Windows 8/8.1/10/11 need non-OEM version for multi-touch support

*7 Windows10/11 - Home, Pro, Enterprise, Education, IoT Core

        Not supported for Mobile and Mobile Enterprise.

*8 Windows10/11 - Touch do no support for "touchpad gestures". Touchpad gesture is for touchpad on notebook.
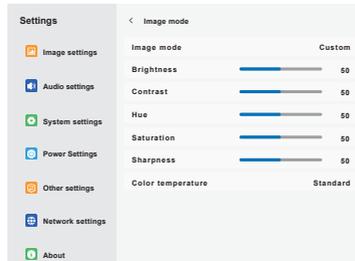
OPERATING THE MONITOR

To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 46. You are also able to adjust the picture by following the button operation shown below.

① **Use the touch pen to call up source menu click the ⬦ icon at the sidebar of the screen. Or press Input Button on the remote control. You can also access the Settings menu by clicking the ◎ icon at the sidebar.**

Input Source

OPS   HDMI1   HDMI2   DP

TYPE-C   VGA

② **Start the On Screen Display feature. There are additional Menu items which can be switched by using the ▲ / ▼ Buttons on the remote control or with the touch pen.**

Settings	< Image mode	
Image settings	Image mode	Custom
	Brightness	50
Audio settings	Contrast	50
System settings	Hue	50
Power Settings	Saturation	50
	Sharpness	50
Other settings	Color temperature	Standard
Network settings		
About		

③ **Select the Menu item of the adjustment you want to make. Use the ◄ / ► Buttons on the remote control or with the touch pen to highlight the desired adjustment item. Then, press the Enter button on the remote control.**

④ **Use the ◄ / ► Buttons on the remote control or with the touch pen to make the appropriate adjustment or setting.**

⑤ **Press the Back Button on the remote control or click blank area outside menu with the touch pen to exit menu.**

For example, to correct for Sharpness, click the ◎ icon at the sidebar of the screen. Select "Sharpness" by using the ▲ / ▼ Buttons on the remote control or with the touch pen.

Use the ◄ / ► Buttons on the remote control or with the touch pen to change the Sharpness settings. The Sharpness of the overall display should be changing accordingly while you are doing this.
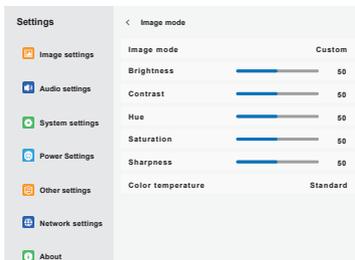
Settings	< Image mode	
Image settings	Image mode	Custom
	Brightness	50
Audio settings	Contrast	50
System settings	Hue	50
Power Settings	Saturation	50
	Sharpness	50
Other settings	Color temperature	Standard
Network settings		
About		

Press the Back Button on the remote control or click blank area outside menu with the touch pen, it ends, all changes are saved in the memory.

ENGLISH

■ The Back Button on the remote control can be used to return previous menu item.

■ 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.

■ Adjustments for Image Position and Phase are saved for each signal timing. Except for these adjustments, all other adjustments have only one setting which applies to all signal timings.

■Navigation toolbar appears

The navigation toolbar can be displayed on both left side and right side of the screen.

⬵ : Input Source
☑ : Annotation **Direct**
⚒ : Backlight & Audio
◎ : Settings menu

- Sidebar -
Various operations can be quickly performed through the sidebar. How to open: click the translucent bar buttons on the left and right sides to expand the sidebar, and click the blank area to close the sidebar. Sidebar functions include: Signal Source, Annotation, Backlight & Audio Control Panel, Device Menu.

Direct Available for Remote Control only.

● **Annotation: ***

✏ : Annotation pen

⬙ : Eraser

🖺 : Save to USB Flash drive (Only USB 2.0 port is supported. Please ensure that the USB flash drive is formatted in FAT32.)

G : Exit

 * Annotations cannot be made under PBP mode. If the screen goes into standby or screen-off mode, the annotation status will be automatically cleared.

● **Backlight Function:**
Press the Screen Off button when Menu is not displayed.
Repeat successively to On/Off the function.

● **Input Function:**
Press the Input Button when Menu is not displayed.

● **Volume Function:**
Press the VOL+/VOL- Buttons when Menu is not displayed.

● **Mute Function:**
Press the 🔇 Button when Menu is not displayed.
Repeat successively to On/Off the function.

● **Press and hold the Menu button for 3 seconds to lock/unlock the remote controller.**

INPUT SOURCE

Input Source		
	Input Source	
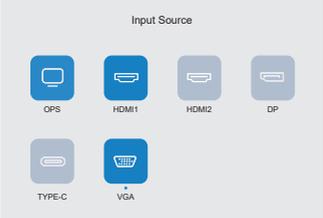
Adjustment Item	Problem / Option	
Input Source*[1] **Direct**	OPS*[2]	Select the OPS input.
	HDMI1	Select the HDMI1 input.
	HDMI2	Select the HDMI2 input.
	DP	Select the DP input.
	Type-C	Select the Type-C input.
	VGA	Select the VGA input.

*[1] The switching of the signal input take a few seconds.

*[2] Available when PC is installed only.

Image settings

Settings		
Image settings	Image mode	>
	Advanced video settings	>
Audio settings		
System settings		
Power Settings		
Other settings		
Network settings		
About		
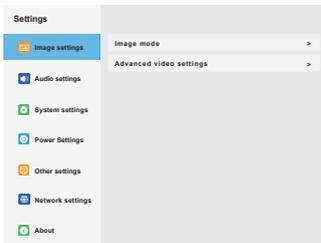
Adjustment Item	Problem / Option		Button to Press
Image mode	Custom	Displays a picture on a screen set by Image Settings adjustments.	
	Standard	For general windows environment and monitor default setting.	
	Soft	Reduce brightness and soften.	
	Eye protection	Warmer than the color temperature in Soft mode.	
	Vivid	Enlarge brightness and vivid.	
Color temperature	Standard	Standard color	
	Normal	Normal color	
	Warm	Warm color	
	Cool	Cool color	
	Custom	Custom color	
Advanced video settings	Scale mode	Set the display aspect ratio to 16:9 or 4:3	
	Noise reduction	Enable or disable reduces graininess in low-quality signals	
	Gamma	2.2	Normal
		2.4	Dark
	HDR mode	Enable or disable the HDR (High Dynamic Range) signal support.	
	Reset video settings	Reset video settings to default.	
	ACR	Enable or disable the Adaptive Contrast Radio	

ENGLISH

<table>
<tr><td colspan="2">Audio settings</td></tr>
</table>

Settings	
Image settings	Sound mode Standard
Audio settings	Subwoofer 🔵
System settings	Reset audio settings
Power Settings	
Other settings	
Network settings	
About	
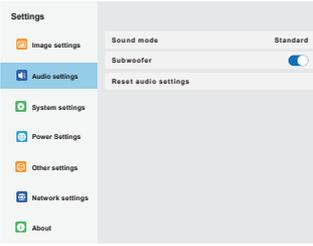
Adjustment Item	Problem / Option	Button to Press
Sound mode	Standard	Standard sound quality.
	Classroom	Sound quality suitable for the classroom.
	Meeting	Sound quality suitable for the conference.
	Music	Sound quality suitable for the pop music.
	Cinema	Sound quality suitable for the cinema.
	Classic	Sound quality suitable for the classic music.
Subwoofer	Enable or disable the Subwoofer	
Reset audio settings	Reset audio settings to default.	

System settings

Adjustment Item	Problem / Option	Button to Press
Language settings	Set display language, keyboard and input method. Language: Català / Čeština / Dansk / Deutsch / Eesti / English / Español / Français / Italiano / Latviešu / Lietuvių / Magyar / Nederlands / Norsk Bokmål / Polski / Suomi / Svenska / Русский / Українська...	
OSD transparency	Off / 25% / 50% / 75%	
Signal auto jump	Automatically switch when a signal is detected	Enable / Disable
Smart screen moistening	Off / 0.5H / 1H / 2H	
Source Settings	CEC		Enable / Disable
	EDID	EDID Version: 1.4 / 2.0
	Video Range	Auto / Full / Limited
	Default Source	OPS / HDMI1 / HDMI2 / DP / Type-C / VGA
VGA Settings	Auto Adjust		Enable / Disable
	Reset VGA Settings	
Auto-hide navigation arrows	To reveal the hidden navigation arrows, use the stylus to swipe inward from the center of either side of the screen.	Enable / Disable

Power Settings
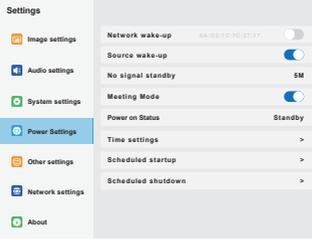
Adjustment Item	Problem / Option	Button to Press
Network wake-up		Enable / Disable
Source wake-up		Enable / Disable
No signal standby	Off / 1 min. / 3 min. / 5 min. / 15 min. / 30 min.	
Meeting Mode		Enable / Disable
Power on Status	Standby / Power On / Last	
Time settings	Automatically set time and date		Enable / Disable
	Manual setting	You can manually set the system time and date.
	Auto setting	Auto set the system time and date.
	Time zone	Select your time zone
	Daylight saving		Enable / Disable
Scheduled startup	Add startup plan.	
Scheduled shutdown	Add shutdown plan.	

Other settings

Settings		
🖼 Image settings	Key lock	OFF
🔊 Audio settings	Power indicator	🔵
🖥 System settings	Remote control lock	⚪
🔵 Power Settings	PIP	>
🟧 Other settings	PBP	>
🌐 Network settings	Menu display time	OFF
🟩 About	RS232	🔵
	Temperature control	>
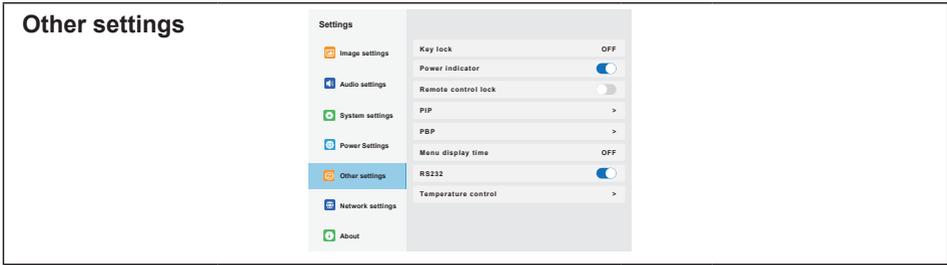
Adjustment Item	Problem / Option	Button to Press
Key lock	You can enable or disable the Power key function.	
Power indicator	Display status indicator.	Enable / Disable
Remote control lock	Press and hold the remote controller Menu button for 3 seconds to lock/unlock.	Enable / Disable
PIP *	Picture-in-Picture	Enable / Disable
	Small window position: Upper left / Lower left / Upper right / Lower right	
	Small window size: Large / Small	
	Main window source: OPS / HDMI1 / DP	
	Small window source: OPS / HDMI1 / DP	
	Sound source: Main Window / Small Window	
PBP *	Picture-by-Picture	Enable / Disable
	Left window source: OPS / HDMI1 / DP	
	Right window source: OPS / HDMI1 / DP	
	Sound source: Left Window / Right Window	
Menu display time	Available options: Off, 5 seconds, 10 seconds, 20 seconds, 30 seconds.	
RS232		Enable / Disable
Temperature control	Automatically monitors internal temperature.	Enable / Disable

* PBP/PIP function and PBP/PIP simultaneous touch functionality only support when OPS isntalled.

Main / Sub	OPS	Type-C	DP	HDMI1	HDMI2	VGA
OPS		X	O	O	X	X
Type-C	X		X	X	X	X
DP	O	X		X	X	X
HDMI1	O	X	X		X	X
HDMI2	X	X	X	X		X
VGA	X	X	X	X	X	

PBP/PIP function

	OPS	Type-C	DP	HDMI1	HDMI2	VGA
USB-A auto swtich support	X	O	O	O	O	O

● Annotations cannot be made under PBP mode. If the screen goes into standby or screen-off mode, the annotation status will be automatically cleared.

O : Available
X : Not available

Network settings			
Adjustment Item	**Problem / Option**		**Button to Press**
Wired network	Turn the Wired Network function On or Off		Enable / Disable
Auto obtain IP address	Turn the Auto IP address function On or Off		Enable / Disable
MAC	MAC address info		
IP	IP address info (Manual entry if Auto obtain IP address is disabled)		
Gateway	Gateway address (Manual entry if Auto obtain IP address is disabled)		
Network prefix length	Network prefix length (Manual entry if Auto obtain IP address is disabled)		
DNS	DNS (Manual entry if Auto obtain IP address is disabled)		

About
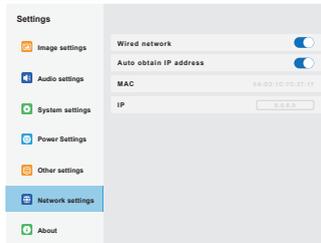
Adjustment Item	Problem / Option	Button to Press
Device information	Device name	
	Serial number	
	MCU Version	
	Software version information	
Source information	Current source	
	Current resolution	
	Horizontal frequency	
	Vertical frequency	
	Signal color gamut	
System update	Current version (check for OTA update)	
Restore to factory settings	Restoring device to factory settings.	

SCREEN ADJUSTMENTS

Adjust the image by following the procedure below to get the desired picture when selecting Analog input.

- The screen adjustments described in this manual are designed to set image position and minimize flicker or blur for the particular computer in use.

- The monitor is designed to provide the best performance at resolution of 3840 × 2160, but can not provide the best at resolutions of less than 3840 × 2160 because the picture is automatically stretched to fit the full screen. It is recommended to operate at resolution of 3840 × 2160 in normal use.

- Displayed text or lines will be blurred or irregular in thickness when the picture is stretched due to the screen enlargement process.

- It is preferable to adjust the image position and frequency with the monitor controls, rather than the computer software or utilities.

- Perform adjustments after a warm-up period of at least thirty minutes.

- Additional adjustments may be required after the Auto Adjust depending on the resolution or signal timing.

- The Auto Adjust may not work correctly when displaying the picture other than the screen adjustment pattern. In this case, manual adjustments are required.

Perform the Auto Adjust first when the monitor is connected to a new computer, or resolution is changed. If the screen has a flicker or blur, or the picture does not fit in the display area after performing the Auto Adjust, manual adjustments are required. Both adjustments should be made by using the screen adjustment pattern (Test.bmp) obtained via the IIYAMA web site (https://iiyama.com).
Adjust the image by following the procedure below to get the desired picture.
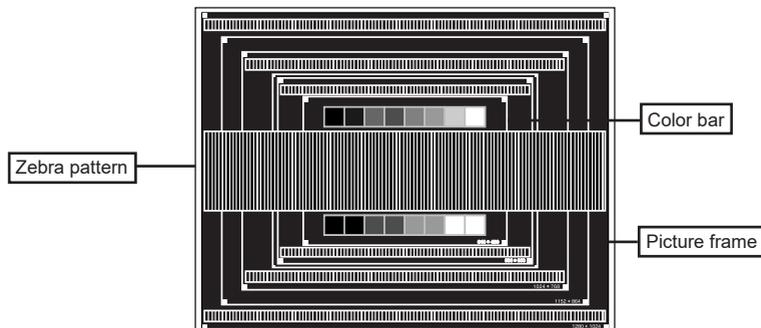This manual explains adjustment under Windows® OS.

① **Display the picture at the optimum resolution.**

② **Enter the Test.bmp (screen adjustment pattern) to wallpaper.**

NOTE
- Consult the appropriate documentation for doing this.
- Set the display position to center in the wallpaper setting dialogue box.

[Adjustment pattern]

Color bar

Zebra pattern

Picture frame

③ **Adjust the Auto Adjustment. (Auto Adjust)**

■ When the left side of the picture frame moves apart from the left edge of the display area during the Clock adjustment, adjust steps 1) and 2).
■ Another way to make the Clock adjustment is to correct the vertical wavy lines in the zebra pattern.
■ The picture may flicker during the Clock, H.Position and V.Position adjustment.
■ In case the picture frame is bigger or smaller than the data display area after the Pixel Clock adjustment, repeat steps from ③.

④ **Adjust the Brightness and Color to get the desired picture after you complete the Clock and Phase adjustments.**

Put back your favorite wallpaper.

STANDBY FEATURE

■ **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 red. From Standby Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.

	Power Indicator	
NORMAL MODE	White	
STANDBY MODE	Red	

POWER CONSUMPTION   0   0.5W *   100%
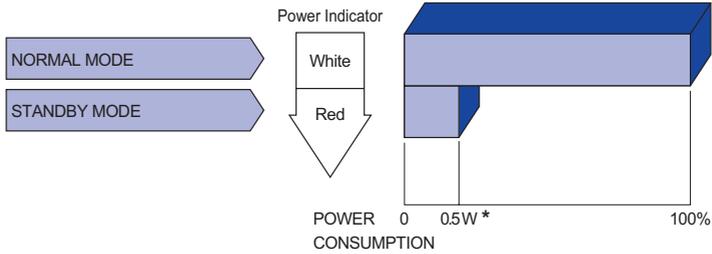
* When the USB devices are not connected.

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 white.)	☐ 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 display.
	(Power indicator is red.)	☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the display.
②	The screen is not synchronized.	☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor.
③	The screen position is not in the center.	☐ The signal timing of the computer is within the specification of the monitor.
④	The screen is too bright or too dark.	☐ The video output level of the computer is within the specification of the monitor.
⑤	The screen is shaking.	☐ The power voltage is within the specification of the monitor. ☐ The signal timing of the computer is within the specification of the monitor.
⑥	No sound.	☐ The audio equipment (computer etc.) is ON. ☐ The Audio Cable is properly connected. ☐ The Volume is turned up. ☐ The Mute is OFF. ☐ The audio output level of the audio equipment is within the specification of the monitor.
⑦	The sound is too loud or too quiet.	☐ The audio output level of the audio equipment is within the specification of the monitor.

	Problem	Check
⑧	A strange noise is heard.	☐ The Audio Cable is properly connected.
⑨	The touch screen shows no response.	☐ The USB Cable is firmly seated in the socket. ☐ Touch screen driver software is installed.
⑩	The touch position does not deviate.	☐ The calibration function set up correctly.

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 TN8605A-B1AG

Touch Screen	Technology	IR Touch 40points
	Light transmission	88%
	Hardness	7H
	Thickness	3.2mm
	Response time	5ms
Size Category		86"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 85.6" (217.4cm)
	Pixel pitch	0.4935mm H × 0.4935mm V
	Brightness	500cd/m^2 (Typical, panel), 240cd/m^2 (Default / Energy Saving)
	Contrast ratio	1200 : 1 (Typical: without glass)
	Viewable angle	Horizontal : 89 degrees, Vertical: 89 degrees (Typical)
	Response time	8ms (Typical, Gray to Gray)
Display Colors		Approx.1.07B
Sync Frequency		HDMI1/2: Horizontal: 30.0-135.0kHz, Vertical: 24-60Hz DisplayPort / USB-C 3.2 Gen1: Horizontal: 30.0-135.0kHz, Vertical: 24-60Hz VGA: Horizontal: 30.0-80.0kHz, Vertical: 55-75Hz
Native Resolution		3840 × 2160, 8.3 MegaPixels
Supported max. resolution		HDMI1/2: 3840 × 2160 60Hz (YUV420/RGB444/YUV444) DisplayPort / USB-C 3.2 Gen1: 3840 × 2160 60Hz VGA: 1920 × 1080 60Hz
Input Connector		HDMI ×2, DisplayPort ×1, USB-C ×1, VGA ×1
USB Standard		USB 2.0 (DC5V, 0.9A) ×1 USB 3.2 Gen 1 (5Gbps, DC5V, 1.8A) ×2 Type B 2.0 ×1 Type C 2.0 Gen 1 (480 Mbps, 5V3A, 9V3A, 12V3A, 15V3A, 20V3.25A) ×1
Number of USB Ports Connector shape		1 Upstream : Type B (for touch) 3 Downstream : Type A
OPS		80PIN, 18V ⎓ 5A, Max 90W
MIC IN Connector		ø 3.5mm mini jack (Stereo)
Audio Out Connector *[1]		ø 3.5mm mini jack (Stereo)
LAN		RJ45 ×2 (in/out)
Serial Port		RS-232C In
Input Video Signal		Digital: HDMI, DisplayPort, USB-C 3.2 Gen1 (DisplayPort 1.2)
Input Audio Signal		2.0Vrms maximum

Speakers	Internal: 2 Max: 20W (Stereo speakers) 1 Max: 20W Subwoofar
Maximum Screen Size	1895.0mm W × 1066.0mm H / 74.6" W × 42.0" H
Power Source	100-240VAC, 50/60Hz, 5.0A
Power Consumption $*^2$	225W typical (Default / Energy Saving) Standby Mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight	1956.0 × 1153.0 × 87.0mm / 77.0 × 45.3 × 3.4" (W×H×D) 66.4kg / 146.3lbs
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

NOTE $*^1$ It is not supported to use a headset with this port.

$*^2$ When the USB devices are not connected.

ENGLISH

Touch Screen	Technology	IR Touch 40points
	Light transmission	88%
	Hardness	7H
	Thickness	3.2mm
	Response time	5ms
Size Category		75"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 74.52" (189.273cm)
	Pixel pitch	0.4296mm H × 0.4296mm V
	Brightness	500cd/m^2 (Typical, panel), 245cd/m^2 (Default / Energy Saving)
	Contrast ratio	1200 : 1 (Typical: without glass)
	Viewable angle	Horizontal : 89 degrees, Vertical: 89 degrees (Typical)
	Response time	8ms (Typical, Gray to Gray)
Display Colors		Approx.1.07B
Sync Frequency		HDMI1/2: Horizontal: 30.0-135.0kHz, Vertical: 24-60Hz DisplayPort / USB-C 3.2 Gen1: Horizontal: 30.0-135.0kHz, Vertical: 24-60Hz VGA: Horizontal: 30.0-80.0kHz, Vertical: 55-75Hz
Native Resolution		3840 × 2160, 8.3 MegaPixels
Supported max. resolution		HDMI1/2: 3840 × 2160 60Hz (YUV420/RGB444/YUV444) DisplayPort / USB-C 3.2 Gen1: 3840 × 2160 60Hz VGA: 1920 × 1080 60Hz
Input Connector		HDMI ×2, DisplayPort ×1, USB-C ×1, VGA ×1
USB Standard		USB 2.0 (DC5V, 0.9A) ×1 USB 3.2 Gen 1 (5Gbps, DC5V, 1.8A) ×2 Type B 2.0 ×1 Type C 2.0 Gen 1 (480 Mbps, 5V3A, 9V3A, 12V3A, 15V3A, 20V3.25A) ×1
Number of USB Ports Connector shape		1 Upstream : Type B (for touch) 3 Downstream : Type A
OPS		80PIN, 18V ⎓ 5A, Max 90W
MIC IN Connector		ø 3.5mm mini jack (Stereo)
Audio Out Connector *[1]		ø 3.5mm mini jack (Stereo)
LAN		RJ45 ×2 (in/out)
Serial Port		RS-232C In
Input Video Signal		Digital: HDMI, DisplayPort, USB-C 3.2 Gen1 (DisplayPort 1.2)
Input Audio Signal		2.0Vrms maximum

Speakers	Internal: 2 Max: 20W (Stereo speakers) 1 Max: 20W Subwoofar
Maximum Screen Size	1650.0mm W × 928.0mm H / 65.0" W × 36.5" H
Power Source	100-240VAC, 50/60Hz, 4.5A
Power Consumption $*^2$	175W typical (Default / Energy Saving) Standby Mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight	1710.0 × 1016.0 × 87.0mm / 67.3 × 40.0 × 3.4" (W×H×D) 54.5kg / 120.1lbs
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

NOTE $*^1$ It is not supported to use a headset with this port.

$*^2$ When the USB devices are not connected.

SPECIFICATIONS : ProLite TN6505A-B1AG

Touch Screen	Technology	IR Touch 40points
	Light transmission	88%
	Hardness	7H
	Thickness	3.2mm
	Response time	5ms
Size Category		65"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 64.5" (163.9cm)
	Pixel pitch	0.372mm H × 0.372mm V
	Brightness	500cd/m^2 (Typical, panel), 245cd/m^2 (Default / Energy Saving)
	Contrast ratio	1200 : 1 (Typical: without glass)
	Viewable angle	Horizontal : 89 degrees, Vertical: 89 degrees (Typical)
	Response time	8ms (Typical, Gray to Gray)
Display Colors		Approx.1.07B
Sync Frequency		HDMI1/2: Horizontal: 30.0-135.0kHz, Vertical: 24-60Hz DisplayPort / USB-C 3.2 Gen1: Horizontal: 30.0-135.0kHz, Vertical: 24-60Hz VGA: Horizontal: 30.0-80.0kHz, Vertical: 55-75Hz
Native Resolution		3840 × 2160, 8.3 MegaPixels
Supported max. resolution		HDMI1/2: 3840 × 2160 60Hz (YUV420/RGB444/YUV444) DisplayPort / USB-C 3.2 Gen1: 3840 × 2160 60Hz VGA: 1920 × 1080 60Hz
Input Connector		HDMI ×2, DisplayPort ×1, USB-C ×1, VGA ×1
USB Standard		USB 2.0 (DC5V, 0.9A) ×1 USB 3.2 Gen 1 (5Gbps, DC5V, 1.8A) ×2 Type B 2.0 ×1 Type C 2.0 Gen 1 (480 Mbps, 5V3A, 9V3A, 12V3A, 15V3A, 20V3.25A) ×1
Number of USB Ports Connector shape		1 Upstream : Type B (for touch) 3 Downstream : Type A
OPS		80PIN, 18V $=\!=\!=$ 5A, Max 90W
MIC IN Connector		ø 3.5mm mini jack (Stereo)
Audio Out Connector *[1]		ø 3.5mm mini jack (Stereo)
LAN		RJ45 ×2 (in/out)
Serial Port		RS-232C In
Input Video Signal		Digital: HDMI, DisplayPort, USB-C 3.2 Gen1 (DisplayPort 1.2)
Input Audio Signal		2.0Vrms maximum

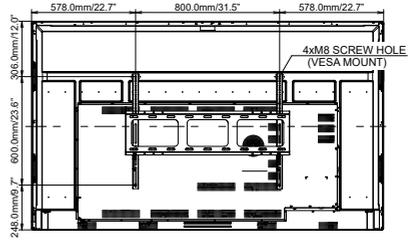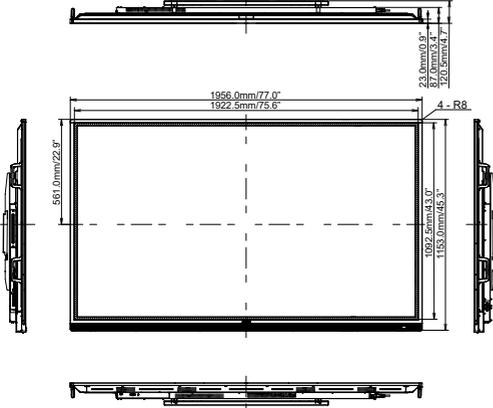|	
Speakers	Internal: 2 Max: 20W (Stereo speakers) 1 Max: 20W Subwoofar
Maximum Screen Size	1428.5mm W × 803.5mm H / 56.2" W × 31.6" H
Power Source	100-240VAC, 50/60Hz, 4.0A
Power Consumption *2	146W typical (Default / Energy Saving) Standby Mode: 0.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight	1489.0 × 891.5 × 87.0mm / 58.6 × 35.0 × 3.4" (W×H×D) 41.1kg / 90.0lbs
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

NOTE   *1 It is not supported to use a headset with this port.
       *2 When the USB devices are not connected.

DIMENSIONS : ProLite TN8605A

1956.0mm/77.0"
1922.5mm/75.6"

4 - R8

561.0mm/22.9"

23.0mm/0.9"
87.0mm/3.4"
120.5mm/4.7"

1092.5mm/43.0"
1153.0mm/45.3"

578.0mm/22.7"   800.0mm/31.5"   578.0mm/22.7"

306.0mm/12.0"

600.0mm/23.6"

248.0mm/9.7"

4xM8 SCREW HOLE
(VESA MOUNT)

DIMENSIONS : ProLite TN7505A

1710.0mm/67.3"
1677.0mm/66.0"

4 - R8

492.0mm/19.3"

23.0mm/0.9"
87.0mm/3.4"
122.0mm/4.8"

965.0mm/37.5"
1016.0mm/40.0"

455.0mm/17.9"   800.0mm/31.5"   455.0mm/17.9"

335.0mm/13.1"

400.0mm/15.7"

281.0mm/11.0"

400.0mm/15.7"

4xM8 SCREW HOLE
(VESA MOUNT)

DIMENSIONS : ProLite TN6505A

23.0mm/0.9"
87.0mm/3.4"
119.0mm/4.7"

1489.0mm/58.6"
1456.0mm/57.3"

429.5mm/16.9"

4 - R8

831.0mm/32.7"
891.5mm/35.0"

4xM8 SCREW HOLE
(VESA MOUNT)

445.0mm/17.5"   600.0mm/23.6"   445.0mm/17.5"

237.5mm/9.3"

400.0mm/15.7"

254.0mm/10.0"

COMPLIANT TIMING

Timing		fH(kHz)	fV(Hz)	Dot clock (MHz)	HDMI1	HDMI2	DisplayPort	USB-C (DisplayPort)	VGA
VESA	VGA 640x480	31.5	60.0	25.175	○	○	○	○	○
	SVGA 800x600	37.9	60.0	40.000	○	○	○	○	○
	XGA 1024x768	48.4	60.0	65.000	○	○	○	○	○
	WXGA 1280x768	47.8	60.0	79.500	○	○	○	○	○
	QVGA 1280x960	60.0	60.0	108.000	○	○	○	○	○
	SXGA 1280x1024	64.0	60.0	108.000	○	○	○	○	○
	HD FWXGA 1366x768	47.7	60.0	85.500	○	○	○	○	○
	CVT 1400x900	55.9	60.0	106.500	○	○	○	○	○
	WSXGA 1680x1050	65.3	60.0	146.250	○	○	○	○	○
	FHD 1920x1080	67.5	60.0	148.500	○	○	○	○	○
	4K 3840x2160	67.5	30.0	297.000	○	○	○	○	
		112.5	50.0	594.000	○	○	○	○	
		135.0	60.0	594.000	○	○	○	○	
IBM	720x400	31.5	70.0	28.320	○	○	○	○	○
SD	NTSC-M	15.7	60.0	13.500					
	NTSC-J	15.7	60.0	13.500					
	PAL-BDGHI	15.7	60.0	13.500					
	480i 60Hz	15.7	60.0	13.500	○	○	○	○	
	576i 50Hz	15.6	50.0	13.500	○	○	○	○	
	480p 60Hz	31.5	60.0	27.000	○	○	○	○	
	576p 50Hz	31.3	50.0	27.000	○	○	○	○	
HD	720p 50Hz	37.5	50.0	74.250	○	○	○	○	
	720p 60Hz	45.0	60.0	74.250	○	○	○	○	
	1080i 50Hz	28.1	50.0	74.250	○	○	○	○	
	1080i 60Hz	33.8	60.0	74.250	○	○	○	○	
	1080p 50Hz	56.3	50.0	148.500	○	○	○	○	
	1080p 60Hz	67.5	60.0	148.500	○	○	○	○	

* ○ means supported the timing.

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