USER MANUAL

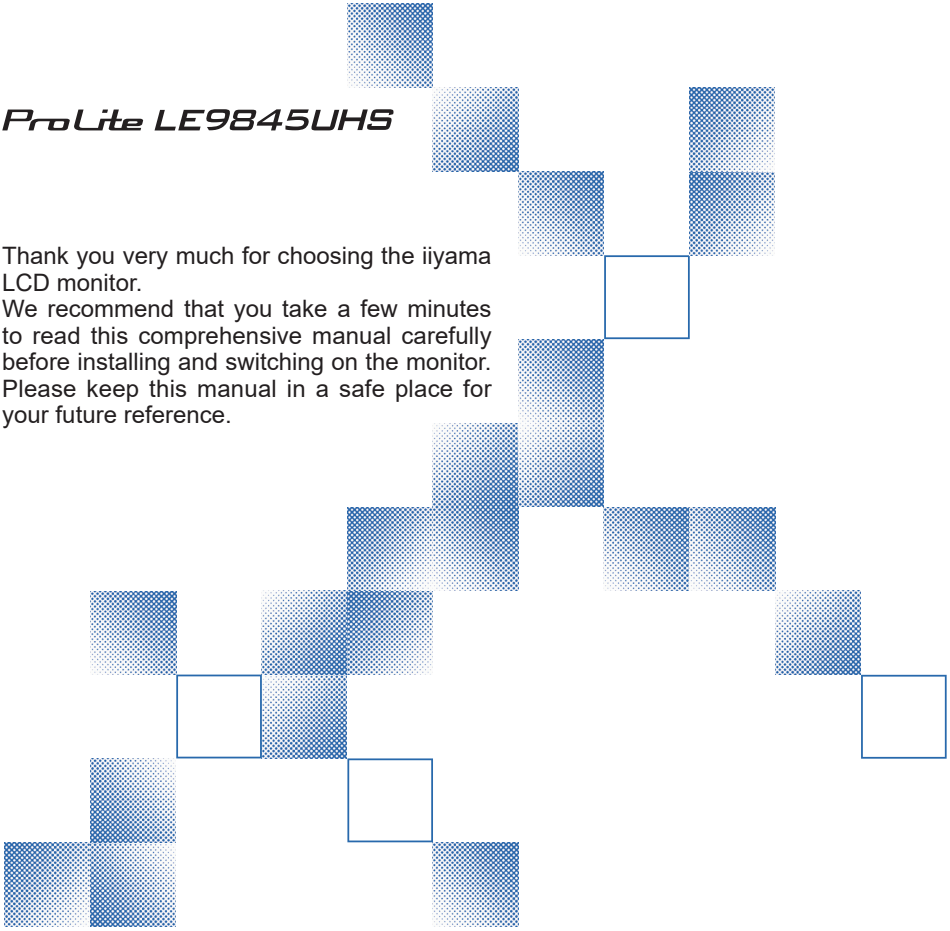
ProLite

LCD Monitor

ENGLISH

ProLite LE9845UHS

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





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 www.iiyama.com/service

Things to check before you call the iiyama information line

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

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

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

Important Note:

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

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

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

CE MARKING DECLARATION OF CONFORMITY

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

Warning

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

IIYAMA CORPORATION: Wijkermeerstraat 8, 2131 HA Hoofddorp, The Netherlands

Model No. : PL9845UH



We recommend recycling of used product. Please contact your dealer or iiyama service center. Recycle information is obtained via the Internet, using the address: http://www.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 LE9845UHS-B1 : 808683

ENGLISH

TABLE OF CONTENTS

FOR YOUR SAFETY....1
- SAFETY PRECAUTIONS....1
- SPECIAL NOTES ON LCD MONITORS....3
- CUSTOMER SERVICE....5
- CLEANING....5

BEFORE YOU OPERATE THE MONITOR....6
- FEATURES....6
- CHECKING THE CONTENTS OF THE PACKAGE....6
- UNPACKING....7
- INSTALLATION....7
- CONTROLS AND CONNECTORS : MONITOR....9
- CONTROLS : REMOTE CONTROL....11
- PREPARING THE REMOTE CONTROL....12
- BASIC OPERATION....14
- CONNECTING YOUR MONITOR....17
- COMPUTER SETTING....18

OPERATING THE MONITOR....19
- ADJUSTMENT MENU CONTENTS....21
- SCREEN ADJUSTMENTS....32
- STANDBY FEATURE....35

TROUBLE SHOOTING....36

RECYCLING INFORMATION....37

APPENDIX....38
- SPECIFICATIONS : ProLite LE9845UHS....38
- DIMENSIONS : ProLite LE9845UHS....39
- COMPLIANT TIMING....40

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.

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.

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.

REMARK FOR 24/7 USAGE
This product is not specifically designed for 24/7 usage in all environments. (Recommended operating time is 18 hours/Day.)

OTHERS

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

SPECIAL NOTES ON LCD MONITORS

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

NOTE

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

USAGE CONFIRMATION

This product is designed for optimum usage at 18 hours per day.
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.

CAUTION

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

NOTE

■ To protect the LCD panel, do not scratch or rub the screen with a hard object.

■ Never use any of the following strong solvents. These will damage the cabinet and the LCD screen.

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

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

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

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

BEFORE YOU OPERATE THE MONITOR

FEATURES

- **Supports Resolutions up to 3840 × 2160**
- **High Contrast 1200:1 (Typical: without glass) / Brightness 350cd/m^2 (Typical: without glass)**
- **Digital Character Smoothing**
- **Automatic Set-up**
- **2 × 10W + 15W Subwoofer (Typical) Stereo Speakers**
- **VESA Mounting Standard (800mm×600mm) Compliant**

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
- RS232C Cable
- Remote Control
- Battery (2pcs)
- Cable ties (For cable management, 6pcs)
- Wall mount kit
- Wall mount installation guide
- Safety Guide
- Quick Start Guide

CAUTION

* The rating of the Power Cable enclosed in 120V area is 10A/125V. If you are using a power supply higher than this rating, then a power cable with a rating of 10A/250V must be used. However, all guarantees and warranties are void for any problems or damage caused by a power cable not supplied by iiyama.
An approved power cable greater or equal to H05VVF, 3G, 0.75mm^2 must be used.

UNPACKING

CAUTION

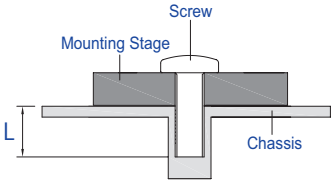
Moving the monitor requires at least 4 people. If not, it may drop and could result in a serious injury.

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 4 people.
- Before installation, please make sure the wall is strong enough to hold the necessary weight of the display and the mount.

[WALL MOUNTING]

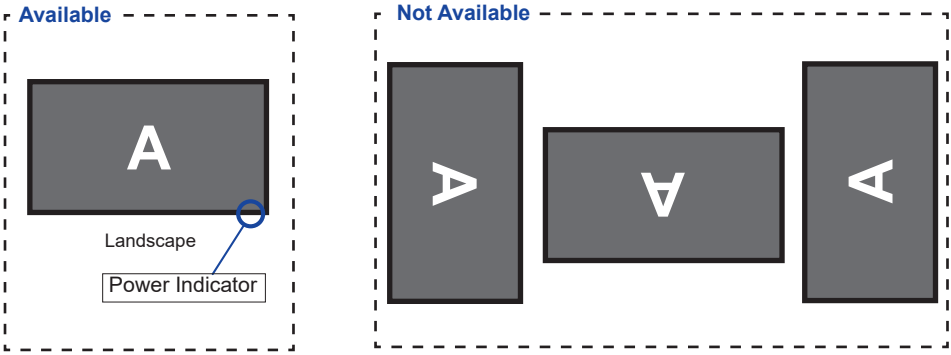


CAUTION

When using the wall mounting, consideration of thickness of the mounting stage needs to be taken. Tighten the M8 Screws (4pcs) which “L” length is 25mm to fasten the monitor. Using a screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.

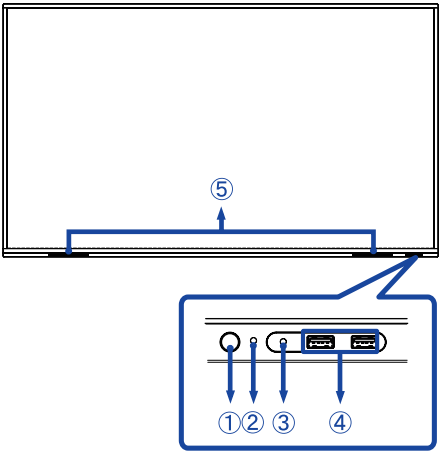
[ROTATING THE DISPLAY]

It is designed to be compatible in landscape mode.



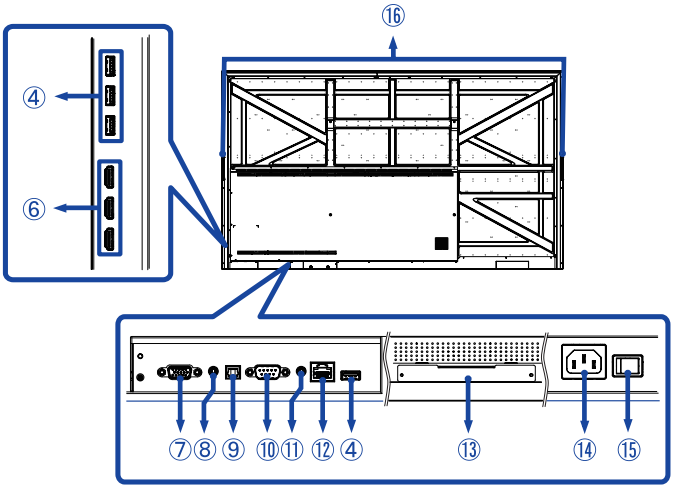
CONTROLS AND CONNECTORS : MONITOR

<Front>



①	Power Button ⏻		**Power Off** Pressing and holding the Power Button on the front for 3-5 seconds.
②	Power Indicator	Blue	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.
		Red & Blue Flashing slow	The Screen Off function is active. To turn the screen back on, you can press the Power button on the front or any button on the remote control.
		Red & Blue Flashing fast	Going to the standby mode or system is updating.
③	Remote Sensor		Remote Sensor
④	USB2.0 (5V, 500mA)		USB Connector (Bottom side × 1 : for system update)
⑤	SPEAKERS		Speakers

<Back>



⑥	HDMI IN	HDMI	HDMI Connector
⑦	VGA IN	VGA	VGA Connector
⑧	AUDIO IN	Mini Jack	Audio Connector
⑨	SPDIF OUTPUT	SPDIF	SPDIF Connector
⑩	RS232C	RS232C 9pin	RS232C Connector
⑪	AUDIO OUT	Mini Jack	Headphone Connector
⑫	LAN	RJ45	LAN(RJ45) Connector (In/Out auto switching)
⑬	Option WiFi module slot		Option WiFi module(OWM002) slot
⑭	AC IN	AC-INLET	AC Connector(～ : Alternating current)(AC-IN)
⑮	AC SWITCH I (ON) / ○ (OFF)	MAIN POWER	Main Power Switch
⑯	HANDLES		Handles

CONTROLS : REMOTE CONTROL



①	⏻	Turns the monitor ON and OFF.
②	Number (1-9) / Other / Function (F1-F12)	Under iiWare: 0-9 numeric input Under Windows: 0-9 numeric input, Start/Space/ALT+Tab/ALT+F4/F1-12 for Keyboard function
③	Display	Provide source and resolution information.
④	Home	Android system main screen button.
⑤	Input	Select the source.
⑥	Green	Lock and unlock Buttons function.
⑦	Red	Lock and unlock Buttons function.
⑧	Screen Off	Turn the backlight On and Off.
⑨	▲▼◀▶	Navigate through submenus and settings. ▲: Up Button ▼: Down Button ◀: Left Button ▶: Right Button
	Enter	Confirm your selection or save changes.
⑩		Not available on this model.
⑪	PgUp / PgDn	When select File: The first / Last When Internet browser: Scroll Up / Scroll Down
⑫		Not available on this model.
⑬	🔇	Turn on or off the mute function when the Menu is not displayed.
⑭	MENU	Display the “Screen Setting“ menu when the Android system is not displayed.
⑮	Yellow	Not available on this model.
⑯	Blue	Not available on this model.
⑰	⌫	Backspace
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.

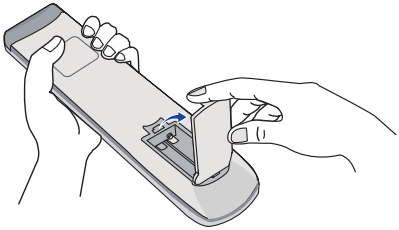
PREPARING THE REMOTE CONTROL

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

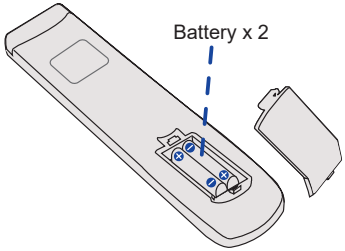
CAUTION

- 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.

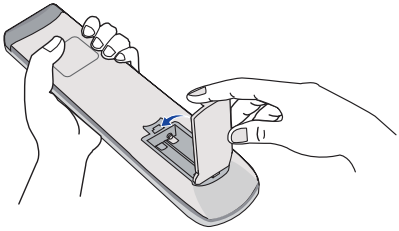
① Open back cover of battery component on the back of remote control.



② Align and insert two AAA batteries according to their plus and minus ports (as indicated in the remote control).



③ After battery is installed, close the back cover of battery components, and make the following clip buckled to the bottom.



NOTE

- 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.

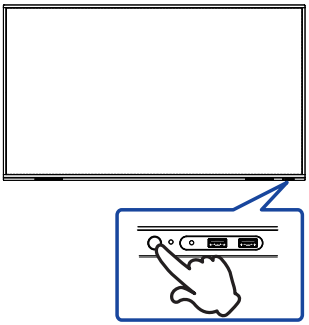
■ Turning the monitor ON

The monitor is turned On and the Power Indicator turns to blue 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 adjustment menu page

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

The menu page disappears when you press the Back Button on the Remote Control.

[Remote Control]



■ Move the cursor vertically

Select adjustment by pressing the ▲ / ▼ Buttons 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+ Buttons 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]



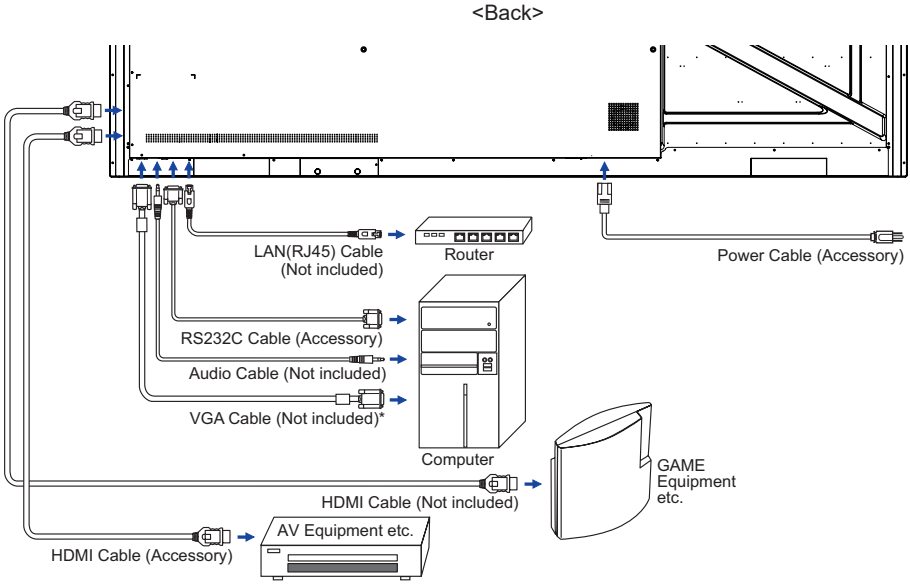
CONNECTING YOUR MONITOR

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 Power Cable to the monitor first and then to the power source.
④ Turn on your monitor (Main Power Switch and Power Button) and computer.

NOTE

- Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
- Make sure you tighten the finger screws at each end of the Signal Cable.
- 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]



* VGA cable is not supplied with the monitor. If you use low quality VGA cable, it may cause a result of electro-magnetic interference. Please contact the iiyama Support Centre in your country if you wish to connect the monitor via the VGA input.

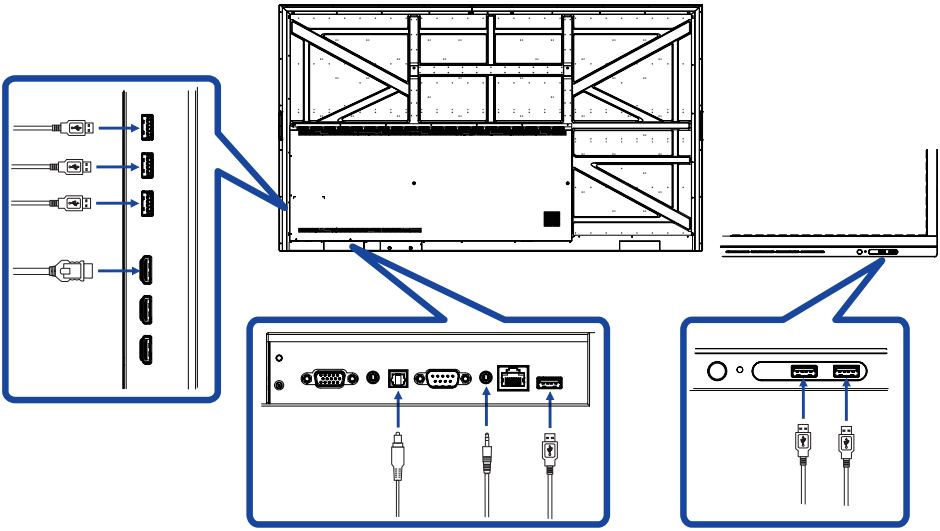
[Connection example with the peripheral device]

CAUTION

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.



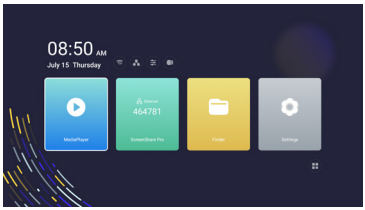
COMPUTER SETTING

- Signal Timing
  Change to the desired signal timing listed on page 40: COMPLIANT TIMING.

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 40. You are also able to adjust the picture by following the button operation shown below. For more detailed adjustments, see page 32 for SCREEN ADJUSTMENTS.

① **Press the MENU button on the remote control to start the On Screen Display feature. There are additional Menu items which can be switched by using the ▲ / ▼ buttons on the remote control.**



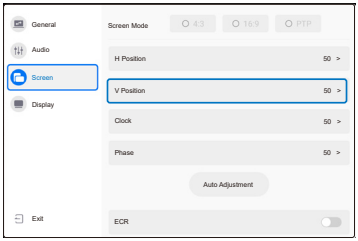
② **Select the Menu item of the adjustment you want to make. Press the ENTER button on the remote control and enter the menu page. Use the ▲ / ▼ buttons on the remote control to highlight the desired adjustment item. Then, press the ENTER button on the remote control.**

③ **Use the ◀ / ▶ Buttons on the remote control to make the appropriate adjustment or setting.**

④ **Press the BACK Button on the remote control to exit menu.**

For example, to correct for vertical position, select Menu item of "Screen setting". Select "V Position" by using the ▲ / ▼ Buttons on the remote control.
Use the ◀ / ▶ Buttons on the remote control to change the vertical position settings. The vertical position of the overall display should be changing accordingly while you are doing this.

* "V Position" is only available for VGA input.



Press the BACK Button on the remote control, it ends, all changes are saved in the memory.

NOTE

- 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, Clock 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.

Direct * Available for Remote Control only.

- **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.

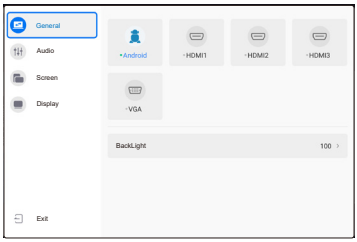
[LOCK MODE] * Available for Remote Control only.

- **Front Power Button:**
  Press the Green and Red Button when Menu is not displayed, will lock/unlock the Front Power Button.
- **Front Power Button & Remote Control:**
  Press and hold the INPUT Button for 5 seconds when Menu is not displayed, this will lock/unlock the Front Power Button and Remote Control.

ADJUSTMENT MENU CONTENTS

You can access the Menu by press the MENU button on the remote control or click the icon.

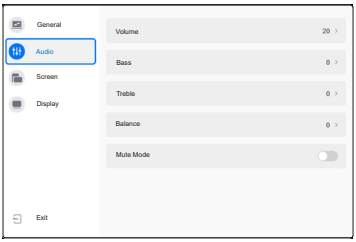
General setting



Adjustment Item	Problem / Option	Button to Press
Input * Direct	Android	Select the Android input.
	HDMI1	Select the HDMI1 input.
	HDMI2	Select the HDMI2 input.
	HDMI3	Select the HDMI3 input.
	VGA	Select the VGA input.
Backlight Direct	Brightness of backlight is reduced.	

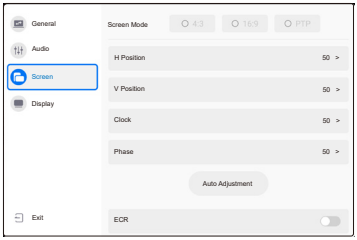
* The switching of the signal input take a few seconds.

Audio setting



Adjustment Item	Problem / Option	Button to Press
Volume **Direct**	Too soft Too loud	▶ ◀
Bass	Too weak Too strong	▶ ◀
Treble	Too weak Too strong	▶ ◀
Balance	Left side speaker louder Right side speaker louder	▶ ◀
Mute Mode **Direct**	○	Return the sound volume to the previous level.
	|	Turn off the sound.

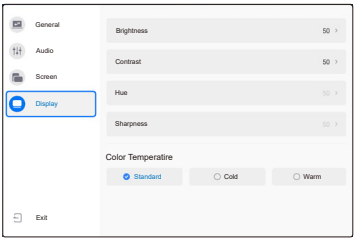
Screen setting



Adjustment Item	Problem / Option		Button to Press
Screen Mode	4:3	Displays all picture in 4:3 aspect ratio.	
	16:9	Displays all picture in 16:9 aspect ratio.	
	PTP	Not available for this model.	
H Position *1	Too far to the left Too far to the right		
V Position *1	Too low Too high		
Clock *1	Too narrow Too wide		
Phase *1	To correct flickering text or lines		
Auto Adjustment *1,2	Adjust H/V Position, Clock and Phase automatically.		
ECR	◯	Enhanced Contrast Ratio	
	|	ECR is turned off.	

*1 Only VGA input.
*2 For best results, use the Auto Adjust in conjunction with the adjustment pattern. See page 32 for SCREEN ADJUSTMENTS.

Display setting



Adjustment Item	Problem / Option	Button to Press
Brightness*1	Too dark Too bright	▶ ◀
Contrast	Too dull Too intense	▶ ◀
Hue	Not available for this model.	
Sharpness	Not available for this model.	
Color Temperature	Standard	Normal color
	Cold	Cool color
	Warm	Warm color

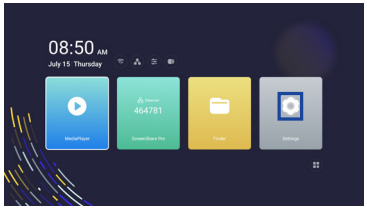
* Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

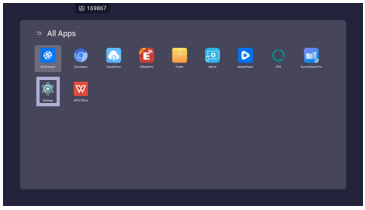
[Application]

Click on the desktop.

■ Settings

Click on the desktop or click on the application menu.





Date & Time : Click on the clock display to display the Date & Time of Settings.

: Displayed when WiFi module is inserted. Click to display the WiFi Settings.

: Click to display the Ethernet settings.

: Click to display the Hotspot settings.

: Click to display the On Screen Display menu.

: Displayed when USB flash drive is connected. Click to access your USB flash drive in the Finder application.

xxxxxx :
When connecting a LAN or Option WiFi module, the password for a notebook or a smartphone, etc. to connect to ScreenSharePro, is displayed on the screen. (Automatically generated)

ENGLISH

[Settings]

Adjustment Item	Problem / Option	Button to Press
Wireless & network	WiFi*1,2	Set the WiFi function On / Off and pairing to WiFi device.
	Ethernet	Set the wired network. Network : On / Off, Mac Adress, IP adress, Default gateway, Netmask, DNS, Proxy
	Hotspot*1,2	Set the Hotspot function. Network : On/Off, SSID, Password, DHCP settings
Personal	Wallpaper	Set the Wallpaper. (Stills, Dynamic)
	Booting Logo	Set the logo displayed at startup. 1920 x 1080 JPEG
	Show Booting Logo	Set the Booting Logo function On / Off
	Booting Animation	Set the animation displayed at startup.
	Show Booting Animation	Set the Booting Animation function On / Off
	Device Orientation	Not available for this model.
	Browser URL Settings	Set the web address for the AD Browser.
Application	Application management Show System, Reset App Preferences	
Input & Output	Sound	Sounds Output Settings : Headphone / Line Out / Speaker
	Input settings	Input Naming Settings : Change the Input name to Nickname.
System	Startup & Shutdown	Startup channel: Last shutdown channel / Default Startup channel
		Default Startup app: AD Browser / Chromium / WPS Office / iMirror / ESharePro / MediaPlayer / ScreenShare Pro / None
		Standby After Startup (Black Screen) : Turn off the backlight. **NOTE** Press the Screen Off button on the remote control or the Power button on the front.
		Auto Power off : Enable the Auto Power off function. **NOTE** The Auto Power off function is enabled as default setting. The monitor turns off automatically 4 hours after the key operation stops. Disable Auto Power off function when you use the monitor continuously for more than 4 hours.
		Shutdown Timer Switch: Close Power off reminder : On / Off
		Shutdown Timer Switch: Add Boot Task / Add Off Task: Select the time of each, and select day of the week or everyday or the business days.

*1 WiFi and Hotspot can only be used when Option WiFi Module is installed.
*2 WiFi will be turned off when the Ethernet is turned on.

[Settings]

Adjustment Item	Problem / Option	Button to Press
System	Date & Time	Set the Date and Time. Use 24-Hour Format, Automatic Date&Time, Date Format, Timezone
	Language	Set display language. Language: Catala / Čeština / Deutsch / English / Español / Français / Italiano / Nederlands / Polski / Русский
	Security	Credential storage (Trusted Credentials, User Credentials), Install From Storage, Clear Credentials, Unknown Sources : On / Off, Samba/FPT lock : On / Off
	Storage	To display the internal system and USB disk.
	Advanced Settings	USB Clone : Import / Export (OSD settings), No Signal Power Off : 5/10/15/30/45/60min, System Optimization, System Lock(long press "INPUT")
About	Check the Legal information and the current firmware.	

[Media Player]

Click on the desktop or click on the application menu.

- **Compose Playlist**

  -Storage
  -USB
  -Cloud Drive

  1. Create the Playlist folder.
  2. Select a file from Storage / USB / Cloud Drive.
  3. Select the file and select edit or delete.
  4. Save the edited file.

-Menu Key-

<Media Player>
- Play All : Play all Playlist.
- Create : Create new Playlist
- More : Delete all Playlist

<Settings>
- USB Auto Play
- Schedule Play
- Power On Auto Play
- Show QR code

<Media Playlist>
- Play
- Select
- More

  Enter details
  -Play All
  -Play Mode : Loop Playback (On/Off) / Picture interval (3S / 5S / 10S / 20S)
  -Add Files : Select (Select All / Exit select / Confirm) / Exit
  -Delete
  -Rename
  -Upward
  -Downward
  -Export to USB

<Quick Access>
- Scan QR code to play

<Storage>

- Play All
- Select : Exit select / Select All / Play / Create playlist / Add to playlist
- Search
- List
- Grid
- Array : Name / Kind / Size / Date Modified
- Refresh

<Media Hotkey>

- ▶ Play
- ❚❚ Pause
- Previous / next
- ▶▶ / ◀◀ Fast foward / Fast rewind (Music / Video)
- ■ Stop
- List (Music / Video / Photo)
- Single Repeat / All Repeat / Play once (Music / Video / Photo)
- Wall paper

[ScreenShare Pro]

ScreenShare Pro is a multi-screen interaction software for smartphone to interactive intelligent panel.

(The device such as a computer or smartphone on the same network.)

Click ScreenShare Pro on the desktop or click  on the application menu.

Mirroring: It is an application that displays the screen of a device such as a computer or smartphone on the monitor.

Desktop Sync: It is an application that can control the screen of Monitor by displaying it on a device such as a computer or Smartphone.

Remote: It is an application that allows to remotely control the monitor on a smartphone. The Smartphone works as a Mouse/Touchpad for the screen.

Airplay/Chromecast: The device without installed ScreenShare Pro app can still connect to ScreenSharePro via Airplay/Chromecast. (Compatibility is not guaranteed)

miracast: The device without installed ScreenShare Pro app can still connect to ScreenSharePro via miracast. (Compatibility is not guaranteed)

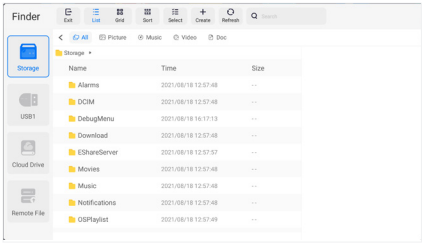
Screen copy:

-Share Screen : Share your screen with other IFPs.

-Join Sharing : Copy the other IFP screen.

[Finder (File Browser)]

Click on the desktop or click on the application menu.



Browse the files stored in the internal storage device, the USB storage, Cloud Drive and Remote File.

- Supported Format
  Picture : .jpg .jpeg .png .bmp .gif
  Music : .aac .ape .flac .m4a .mp3 .ogg .wav
  Video: .3g2 .3gp .avi .flv .f4v .mkv .mov .mp4 .VOB .mpg/.MPEG .ts
  Doc : PPT, Word, Excel, PDF (Open the file by using the WPS Office)

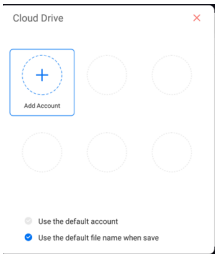
- Tools -

: Exit
: List
: Grid
: Array(Name, Kind, Size, Date Modified)
: Select
: Create
: Refresh
: Search

Cloud Drive (Google Drive / One Drive)

Save to Cloud Drive

Users can save notes and annotations in Note directly to one of the cloud drives by clicking on the Cloud Storage icon in the menu. To change the way files are saved to the Cloud Drive, users can select two options in the cloud storage overview.



Use the default account

When checked, all notes will be saved automatically to the default Cloud Drive. Users will not be able to select a cloud drive.

Use the default file name when save

When checked, all notes will be saved to the selected Cloud Drive with the default file name. Users will not be able to (re)name the file.

Remote File

Support access to SAMBA(SMB1.0) and FTP server.

[AD Browser (Web Browser)]

Connect the network, and browse the web.
When you turn on your monitor, it will display a predefined web address.

1. Add Browser URL
   Settings > Personal > Browser URL Settings
2. Enable AD Browser
   Settings > System > Startup & Shutdown > Defult Startup channel (Android) > Defult Startup app (AD Browser)

[Chromium]

Connect the network, and browse the web.

[Cloud Drive]

Connect the network, and the Cloud Drive.

[EShare Pro]

EShare is a multiscreen interaction application which makes the user experience natural and enjoyable for home entertainment, business presentation, and educational training.

[iMirror]

This is software which can display an image of a smartphone on the monitor.

[OTA]

System update app via internet.

[WPS Office]

This is the software to use the file of the Office.

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 1920 × 1080, but can not provide the best at resolutions of less than 1920 × 1080 because the picture is automatically stretched to fit the full screen. It is recommended to operate at resolution of 1920 × 1080 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.

There are two ways to adjust the screen. One way is automatic adjustment for Position, Clock Frequency and Phase. The other way is performing each adjustment manually.
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 (http://www.iiyama.com).

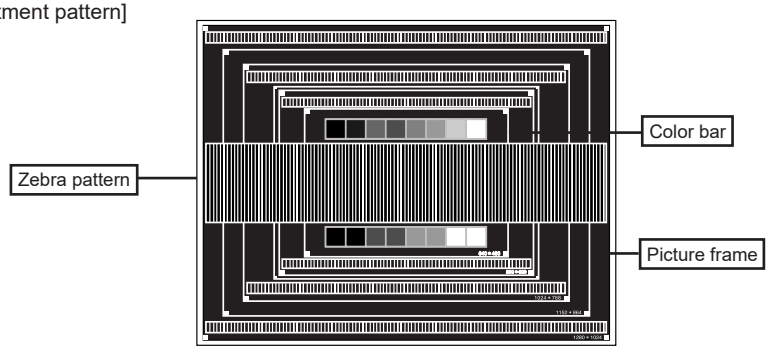
Adjust the image by following the procedure below to get the desired picture.
This manual explains adjustment under Windows OS.

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.

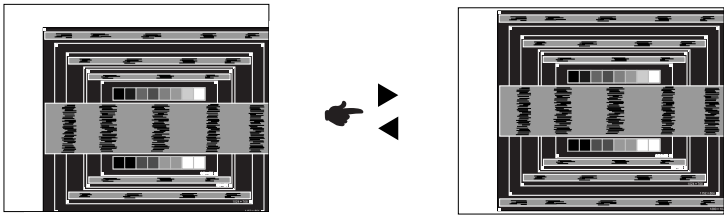
[Adjustment pattern]



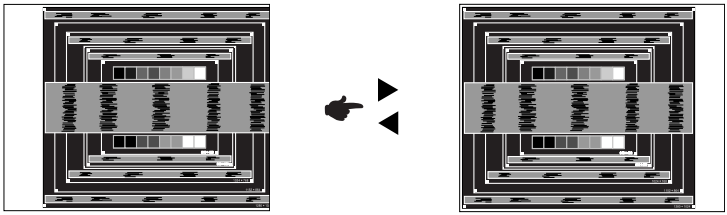
③ **Perform the Auto Adjustment.**

④ **Adjust the image manually by following procedure below when the screen has a flicker or blur, or the picture does not fit in the display area after performing the Auto Adjust.**

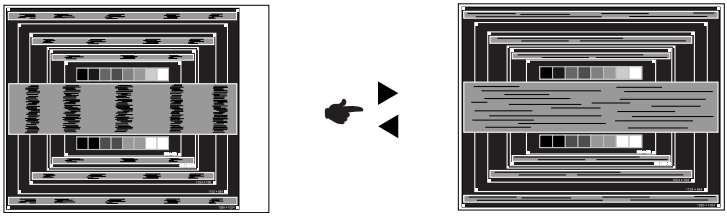
⑤ **Adjust the V Position so that the top and bottom of the picture frame will fit to the display area.**



⑥ **1) Adjust the H Position so that the left side of the picture frame will move to the left edge of the display area.**



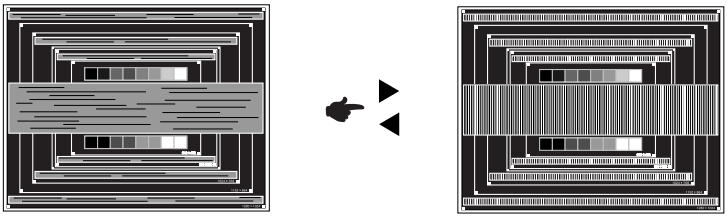
2) Stretch the right side of the picture frame to the right edge of the display area by adjusting the Clock.



NOTE

- 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/V Position adjustment.
- In case the picture frame is bigger or smaller than the data display area after the Clock adjustment, repeat steps from ③.

⑦ **Adjust the Phase to correct horizontal wavy noise, flicker or blur in the zebra pattern.**



NOTE

- In case the strong flicker or blurs remain on a part of the screen, repeat steps ⑥ and ⑦ because the Clock may not be adjusted correctly.
- Adjust the H Position after the Phase adjustment if the horizontal position moves during the adjustment.

⑧ **Adjust the Brightness and Color to get the desired picture after you complete the Clock and Phase adjustments.**

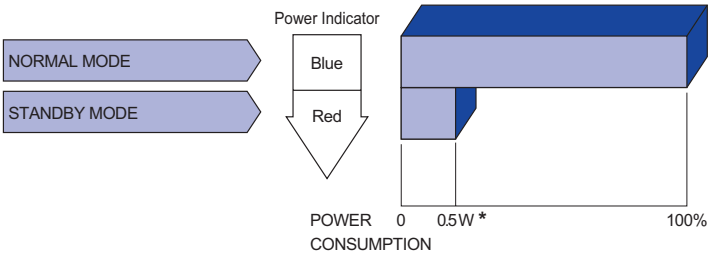
Put back your favorite wallpaper.

STANDBY FEATURE

This product features the standby function. When activated, it automatically reduces unnecessary power consumption of the monitor when your computer is not in use.
There is a standby step the monitor takes as described below. The standby function, including any timer settings is configured by the operating system. Check your operating system manual for information on how this can be configured.

■ **Standby Mode**

When the video signal from the computer is off, the monitor enters into Standby Mode which reduces the power consumption to less than 0.5W.* The screen becomes dark, and the power indicator turns to red. From Standby Mode, the image reappears in several seconds when press the power button on the front or the remote control.



* When the USB devices are not connected.

TROUBLE SHOOTING

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

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

Problem	Check
① The picture does not appear.	
(Power indicator does not light up.)	☐ The Power Cable is firmly seated in the socket. ☐ The Power Switch is turned ON. ☐ The AC socket is live. Please check with another piece of equipment.
(Power indicator is blue.)	☐ If the blank screen saver is in active mode, touch the keyboard or the mouse. ☐ Increase the Contrast and/or Brightness. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the display.
(Power indicator is red.)	☐ If the monitor show "No Signal", 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 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.
⑧ A strange noise is heard.	☐ The Audio Cable is properly connected.

RECYCLING INFORMATION

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

APPENDIX

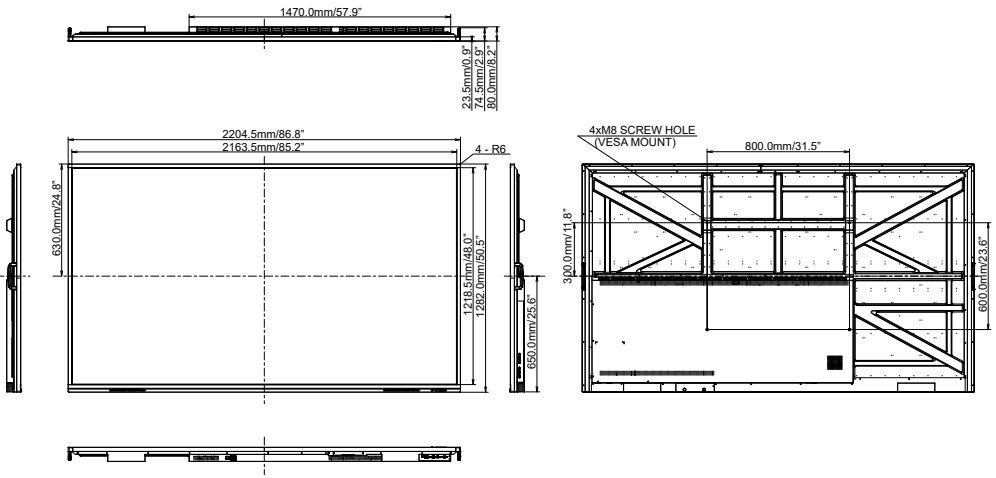
Design and specifications are subject to change without prior notice.

SPECIFICATIONS : ProLite LE9845UHS

Size Category		98"	
LCD Panel	Panel technology	IPS	
	Size	Diagonal: 97.5" (247.65cm)	
	Pixel pitch	0.5622mm H × 0.5622mm V	
	Brightness	350cd/m^2 (Typical)	
	Contrast ratio	1200 : 1 (Typical: without glass)	
	Viewable angle	Horizontal : 178 degrees, Vertical: 178 degrees (Typical)	
	Response time	8ms (Typical, Gray to Gray)	
	Haze (matte finish)	28%	
Display Colors		Approx.1.07B	
Sync Frequency		VGA: Horizontal: 30.0-80.0kHz, Vertical: 50-60Hz HDMI1/2/3: Horizontal: 30.0-135.0kHz, Vertical: 24-60Hz	
Native Resolution		3840 × 2160, 8.3 MegaPixels	
Supported max. resolution		VGA: 1920 × 1080 60Hz HDMI1/2/3: 3840 × 2160 60Hz (YUV420)	
Input Connector		VGA ×1, HDMI ×3	
USB Standard		USB2.0 (DC5V, 500mA) ×6 (Front: 2, Side: 3, Bottom: 1 for system update)	
Number of USB Ports Connector shape		6 Downstream : Type A	
Input Audio Connector		ø 3.5mm mini jack (Stereo)	
Input Audio Signal		2.0Vrms maximum	
LAN		RJ45 ×1	
Serial Port		RS-232C In	
Input Sync Signal		Separate sync: TTL, Positive or Negative	
Input Video Signal		Analog: 0.7Vp-p (Standard), 75Ω, Positive Digital: HDMI	
SPDIF out Connector		SPDIF	
Headphone Connector		ø 3.5mm mini jack (Stereo)	
Speakers		Internal: 2 Typical: 10W (Stereo speakers) Subwoofer: 15W	
Maximum Screen Size		2158.58mm W × 1214.35mm H / 85.0" W × 47.8" H	
Power Source		100-240VAC, 50/60Hz, 4.0A	
Power Consumption*		349W typical, Standby mode: 0.5W maximum	
Dimensions / Net Weight		2204.5 × 1282.0 × 79.0mm / 86.8 × 50.5 × 3.1" (W×H×D) 70.0kg / 154.3lbs	
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 * When the USB devices are not connected.

DIMENSIONS : ProLite LE9845UHS



COMPLIANT TIMING

Timing			fH(kHz)	fV(Hz)	Dot clock (MHz)	VGA	HDMI1	HDMI2	HDMI3
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		○	○	○
		60Hz	45.0	60.0	74.250		○	○	○
	1080i	50Hz	28.1	50.0	74.250		○	○	○
		60Hz	33.8	60.0	74.250		○	○	○
	1080p	50Hz	56.3	50.0	148.500		○	○	○
		60Hz	67.5	60.0	148.500		○	○	○

* ○ means supported the timing.