iiyama
Vision&Technology

USER MANUAL

ProLite

LCD Monitor

ProLite LH4281S
ProLite LH4981S
ProLite LH5581S

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*

AWARD-WINNER *iiyama*

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.

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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" 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. : PL4281/PL4981/PL5581

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.

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.

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. Do not remove the tilt stand when operating the monitor. Ventilation slots on the back of the cabinet will be blocked and the monitor may overheat if the stand is removed. This may cause fire or damage. 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.

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 displays and do not indicate a problem.

NOTE
- When you first turn on the LCD monitor, the picture may not fit in the monitor 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.
- Max. non-stop operating time and conditions
  - (1) If a static image is displayed continuously, it is recommended to disrupt it with a motion picture.
  - (2) It is recommended to periodically change the background colour and background image.
  - (3) Recommended operating time is under 18 hours a day.
    - I. Suitable operating time on "Static Image" : Under 18 hours a day.
      (The moving picture can be allowed for 24 hours a day.)
    - II. Static information display recommended to use in combination with anti-burn in function.
  - (4) If the screen is active for a longer period of time, it is recommended to
    - I. Run the screensaver (motion picture or black pattern)
    - II. Power off the system for a while
  - (5) Make sure that the screen is suitably ventilated, or is used in conjunction with climate control system if installed into any bespoke cabinets.
  - (6) We strongly recommend an active cooling system with fans for long operating times, especially for high luminance LCD models.
- 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.

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

BEFORE YOU OPERATE THE MONITOR

FEATURES

- ◆ **Supports Resolutions up to 1920 × 1080**
- ◆ **High Contrast 1300:1 (Typical) / Brightness 500cd/m^2 (Typical)**
- ◆ **Digital Character Smoothing**
- ◆ **Automatic Set-up**
- ◆ **Stereo Speakers**
  2 × 10W Stereo Speakers
- ◆ **Plug & Play VESA DDC2B Compliant**
  Windows® XP/Vista/7/8 Compliant
- ◆ **Power Management (VESA DPMS Compliant)**
- ◆ **VESA Mounting Standard (200mm×200mm) Compliant : ProLite LH4281S**
- ◆ **VESA Mounting Standard (400mm×400mm) Compliant : ProLite LH4981S / ProLite LH5581S**
- ◆ **Support 24hrs/day usage (by moving picture condition)**
- ◆ **VESA Compatible arm mounting interface**
- ◆ **Daisy Chain support**
- ◆ **Fan-less & Slim Design**

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*
- ■ mDP-DP Cable
- ■ Remote Control
- ■ EU Energy Label

- ■ DVI-D Signal Cable
- ■ DisplayPort Cable
- ■ Battery (2pcs)
- ■ Safety Guide

- ■ HDMI Cable
- ■ RS-232C Cable
- ■ POP Label
- ■ 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.

UNPACKING : ProLite LH4981S / ProLite LH5581S

① Before unpacking your monitor, prepare a stable, level, and clean surface near a wall outlet. Set the LCD monitor box in an upright position and open from the top of the box before removing the top cushions.

② Remove the carton holders.

③ Remove the top cushion and take the accessories box and the monitor out.

Pinch and Pull the Knob.
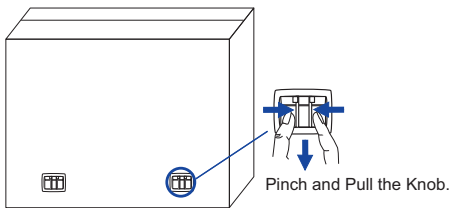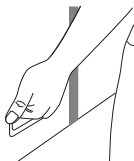
CAUTION

• Moving the monitor requires at least two people. If not, it may drop and could result in a serious injury.
• Two individuals can lift the monitor out of the box by holding the bottom of the unit.
• Do not hold the monitor by the top bezel while lifting out.
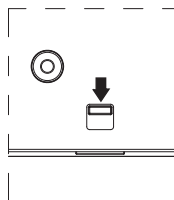• Do not touch the LCD panel surface while lifting out.

CONTROLS AND CONNECTORS : MONITOR

<Back Controller>

<Front>
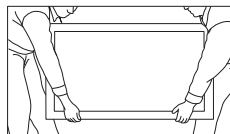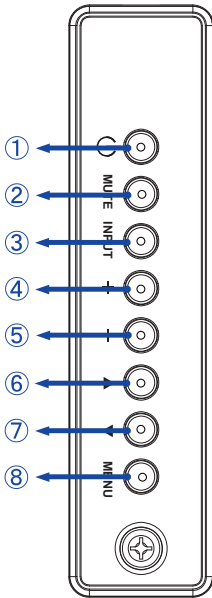
①	⏻	Power Button
②	MUTE	Mute Button
③	INPUT	Enter / Input Select Button
④	+	+ Button
⑤	-	- Button
⑥	▲	Up Button
⑦	▼	Down Button
⑧	MENU	Menu Button

<Remote sensor and power indicator - location>

1. Pull down the lens to improve remote control performance and ensure good visibility of the power status diode.
2. Push up the lens before mounting the monitor for video wall application.
3. Pull/Push the lens until hearing the click sound.
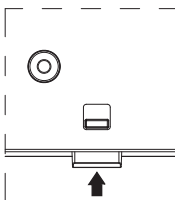
Push up to hide the lens   Push down to extend the lens

● ProLite LH4281S

<Back>
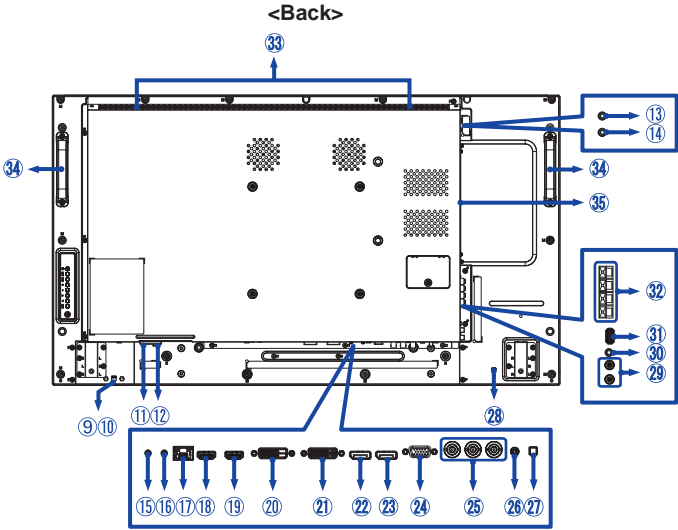
⑨	Power Indicator	Green	Lighting : Normal Operation
			Flash : Power Management (ECO Mode : Normal) * If there is no input signal from the computer and passes for 10 minutes.
		Orange	If turn off the Power Button on the Remote Control and the Back Controller. Power Management (ECO Mode : Normal)
		Red	If turn off the Power Button on the Remote Control and the Back Controller. Power Management (ECO Mode : Low power standby)
		Off	Power Off
⑩	Remote Sensor		Remote Sensor
⑪	AC IN	AC-INLET	AC Connector(～ : Alternating current) (AC-IN)
⑫	AC SWITCH Ⅰ(ON) / ○ (OFF)	MAIN POWER	Main Power Switch
⑬	IR IN	IR	IR Connector
⑭	IR OUT	IR	IR Connector
⑮	RS232C IN	Mini Jack	RS232C Connector
⑯	RS232C OUT	Mini Jack	RS232C Connector
⑰	LAN	RJ45	RJ45 Connector
⑱	HDMI1 IN	HDMI	HDMI Connector
⑲	HDMI2 IN	HDMI	HDMI Connector
⑳	DVI IN	DVI-D 24pin	DVI-D 24pin Connector

● ProLite LH4981S / ProLite LH5581S

<Back>
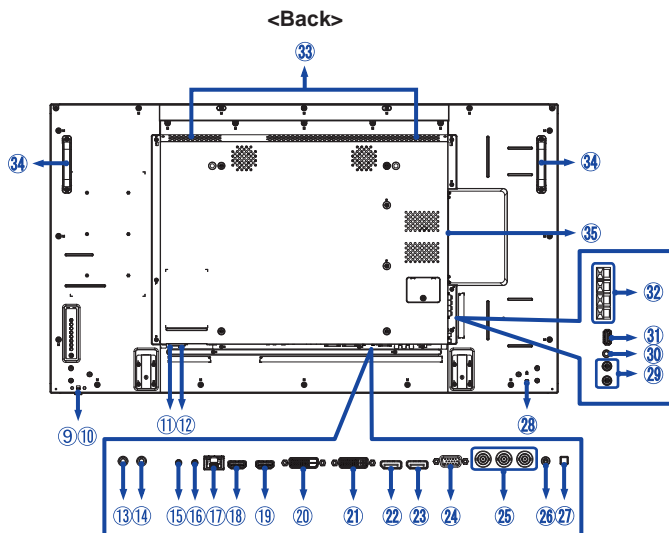
㉑	DVI OUT	DVI-D 24pin	DVI-D 24pin Connector
㉒	DisplayPort IN	DisplayPort	DisplayPort Connector
㉓	DisplayPort OUT	DisplayPort	DisplayPort Connector
㉔	VGA IN	D-SUB mini 15pin	VGA(D-sub) mini 15pin Connector
㉕	COMPONENT VIDEO (VIDEO IN)	RCA G/B/R	Component Video Connector
㉖	PC AUDIO IN	Mini Jack	Audio Connector
㉗	SPEAKER SWITCH		Internal speaker On/Off switch
㉘	Keyhole for Security Lock		Keyhole for Security Lock
㉙	AUDIO IN	RCA L/R	Audio Connector
㉚	AUDIO OUT	RCA L/R	Audio output Connector
㉛	USB	USB	USB Connector
㉜	SPEAKERS OUT	Jack	External Speakers Connector
㉝	SPEAKERS		Speakers
㉞	Handles		Handles
㉟	Option Slot (Card OPS)		Option Slot

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 installing, please make sure the wall is strong enough to hold the necessary weight of the monitor and the mount.
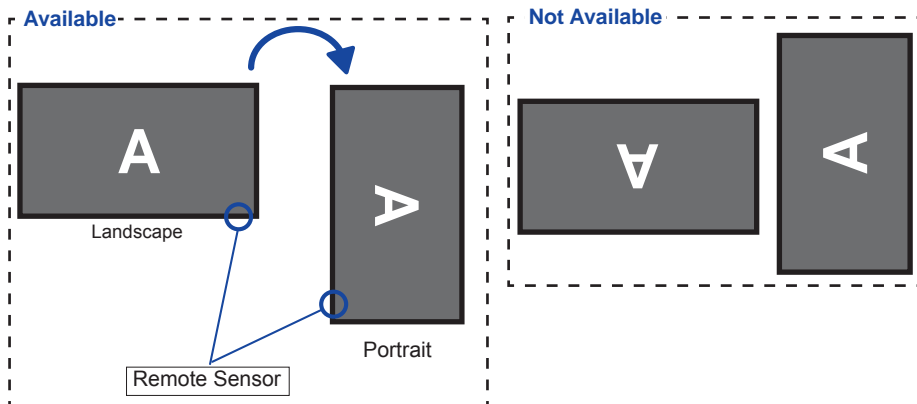
[WALL MOUNTING]

Mounting Stage   Screw

L

Chassis
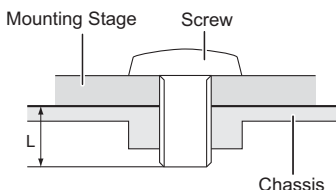
CAUTION

When using the wall mounting, consideration of thickness of the mounting stage needs to be taken. Tighten the M6 Screw with washer which "L" length is 10mm 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 MONITOR]

It is designed to be compatible in both landscape and portrait modes.

NOTE

Monitor should be turned clockwise based on front view when used in portrait mode. (Set in the PC)

Available

A

Landscape

A

Portrait

Remote Sensor

Not Available

∀

∀

CONTROLS AND CONNECTORS : REMOTE CONTROL
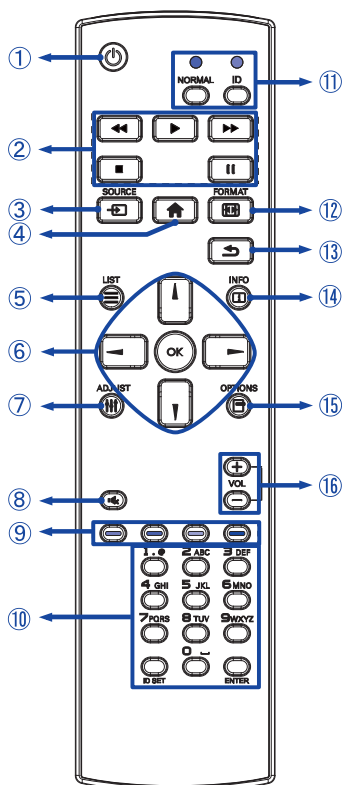
|		
①	⏻	Turns the monitor ON and OFF.
②	[PLAY]	Control playback of media files. ▶ : Play ■ : Stop ❙❙ : Pause ◀◀ : Quick-Return ▶▶ : Fast-Forward
③	SOURCE	Selects the source. Press ⏶ or ⏷ button to select from USB, Network, HDMI1, HDMI2, DisplayPort, Card OPS, DVI, YPbPr, AV or VGA. Press [OK] button to confirm and exit.
④	⌂ HOME	Opens the monitor's on-screen menu systems.
⑤	☰ LIST	Not available on this model.
⑥	⏶ ⏷ ◀ ▶	Navigates through submenus and settings. ⏶ : Up Button ⏷ : Down Button ◀ : Left Button ▶ : Right Button
	OK	Confirms your selection or save changes.
⑦	⫴ ADJUST	Selects the direct menu. PC mode : Sound Mode, Audio out, Picture format, Picture shift Video mode : Picture Mode, Sound Mode, Audio out, Picture format, Picture shift
⑧	⫸ MUTE	Turns on or off the mute function when the Menu is not displayed.
⑨	▬ ▬ ▬ ▬ COLOR	Select tasks or options.
⑩	NUMBER/ ID SET/ENTER	Enter text for network setting.
⑪	ID Mode	ID: To enter ID Mode NORMAL: To leave ID Mode
⑫	▦ FORMAT	Change picture format.
⑬	⬑ BACK	Returns to a previous menu or closes the OSD Menu.
⑭	ⓘ INFO	Provides source and resolution information.
⑮	⊟ OPTIONS	Access currently available options, picture and sound menus.
⑯	VOLUME - / +	VOLUME-: Decreases the sound volume. VOLUME+: Increases 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. Burst batteries or the electrolyte from these batteries may cause stains, fire or injury.
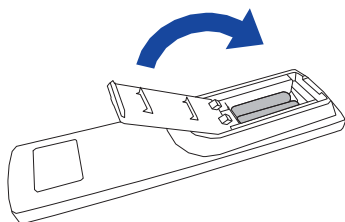
① Press and then slide the battery cover to open it.
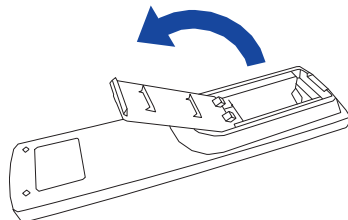
② Align and insert two AAA batteries according to their plus and minus ports (as indicated in the remote control).
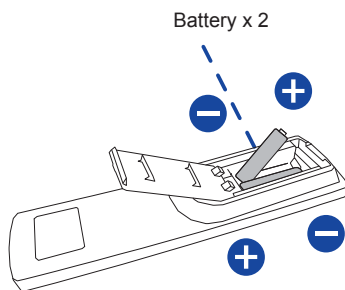
Battery x 2

③ Replace the battery cover.

NOTE
- Replace with new batteries when the Remote Control does not work close to the monitor. Use AAA dry batteries.
- 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 local rules to be discarded. (Suggestion: to dispose of used batteries please follow correct policy as per your local regulations.)

ID REMOTE CONTROL

You can set the remote control ID when you want to use the remote control on specific monitors.

    ID Mode (To enter ID Mode) : Press and hold the ID button until the red LED blinks twice.

    Normal Mode (To leave ID Mode) : Press and hold the Normal button until the green LED blinks twice.

■ Programming ID Mode

To assign an ID to a remote control.

1. Enter ID Mode.
2. Press and hold the ID SET button until the red LED turned on.
3. Using the number button, input the desired ID. (01 - 255)
4. Press the ENTER button to confirm ID.
5. The red LED will blink twice when ID has been confirmed.
6. Press the ID SET button will exit the ID Mode. The LED lights off.

NOTE

• Not pressing any button within 10 seconds will exit the ID Mode.
• If an error pressing of buttons other than the digits occured, wait 1 second after the red LED lights off and then lights up again, then press the correct digits again.
• To cancel or stop programming an ID, press the ID SET button.
• It is necessary to set up the ID number for each monitor before selecting its ID number.

■ Use ID Mode

1. Enter ID Mode.
2. Input the ID of the monitor which would like to control by number button.
3. Press the ENTER button.

BASIC OPERATION

■ **Turning the monitor ON**

The monitor is turned On and the Power Indicator turns to Green when you press the POWER button on the monitor or the Remote Control. The monitor is turned Off and the Power Indicator turns to Orange when you press the POWER button on the monitor or the Remote Control. Press again to turn On the monitor.
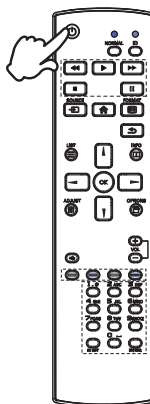
NOTE

Even when using the power management mode or turning OFF the Power Switch, the monitor will consume a small amount of electricity. 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]
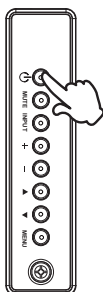
[Remote Control]
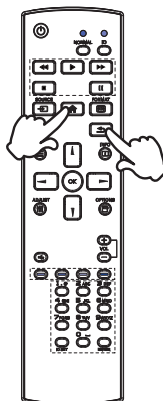

■ **Display the adjustment menu page**

The menu page appears on the screen when you press the MENU button on the monitor or the ♦ HOME button on the Remote Control.

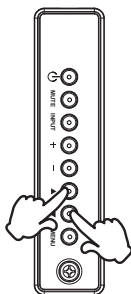The menu page disappears when you press the ⤺ BACK button on the Remote Control again.

[Monitor]
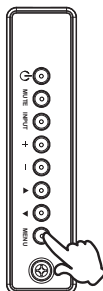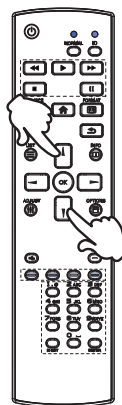

[Remote Control]

■ **Move the cursor vertically**

Select adjustment by pressing the ▲ / ▼ button on the monitor or the ▮ / ▮ button on the remote control while the menu page is displayed on the screen.
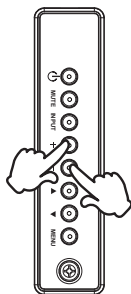
[Monitor]   **[Remote Control]**
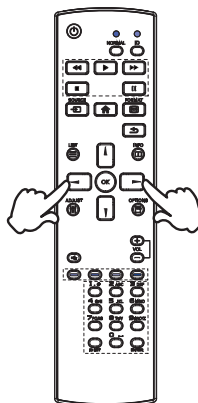
■ **Move the cursor horizontally**

Select menu or setting, or perform the adjustment by pressing the + / - button on the monitor or the ◄ / ► button on the remote control while the menu page is displayed on the screen.
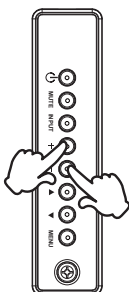
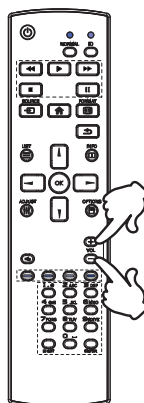**[Monitor]**   **[Remote Control]**

■ **Adjust the volume of sound**

Press the + / - button on the monitor or the remote control to adjust the volume of sound when the menu page is not displayed on the screen.
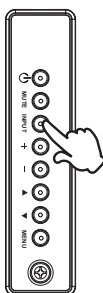
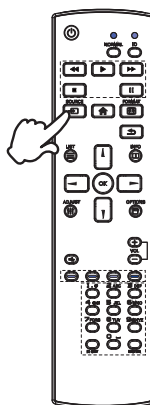**[Monitor]**   **[Remote Control]**

■ **Switch the input signal**

This is activated when you successively press the INPUT button on the monitor or the Remote Control.

**[Monitor]**   **[Remote Control]**

CONNECTING YOUR THE MONITOR

①Ensure that both the computer and the monitor are switched off.

②Connect the computer to the monitor with the signal cable.

③Connect the computer to the monitor with the RS-232C Cable.

④Connect the Power Cable to the monitor first and then to the power supply.

⑤Turn on your monitor (Main Power Switch and Power Switch) and computer.

NOTE ■ 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.

■ For connection to Macintosh computers, contact your local iiyama dealer or regional iiyama office for a suitable adaptor.

■ Make sure you tighten the finger screws at each end of the Signal Cable.

[Example of Connection]
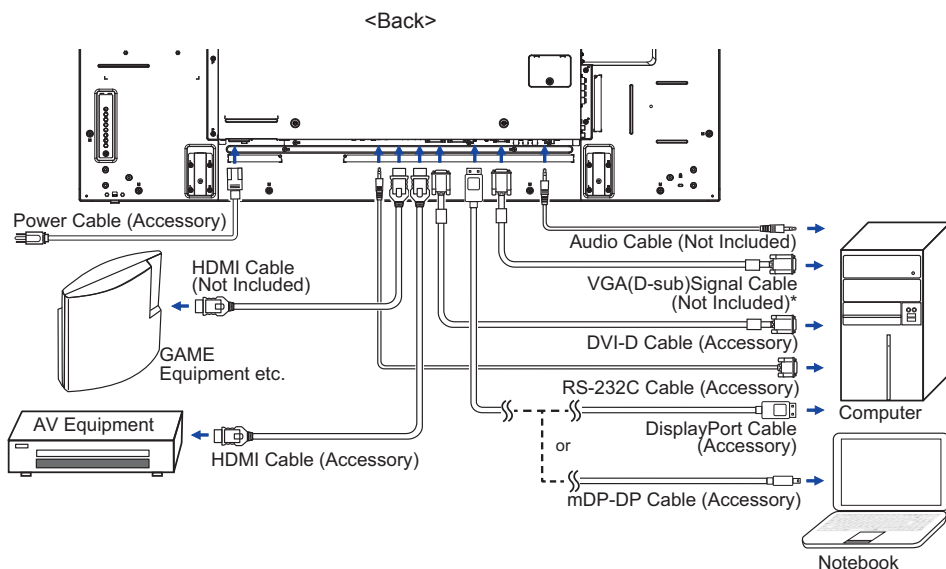
* VGA (D-Sub) cable is not supplied with the monitor; you need to use a special VGA (D-Sub) cable dedicated for this model. Please contact the iiyama Support Centre in your country if you wish to connect the monitor via the VGA input.
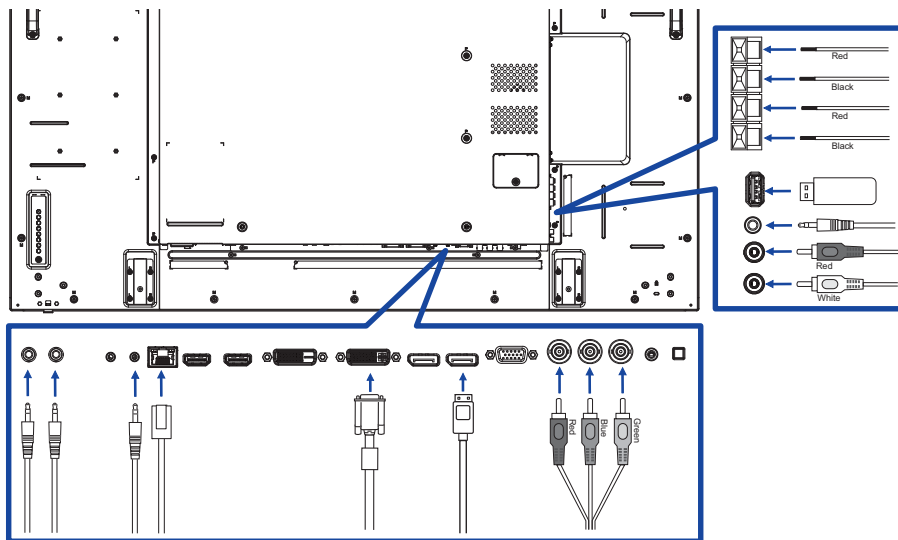
[Connection example with the peripheral device]

CAUTION

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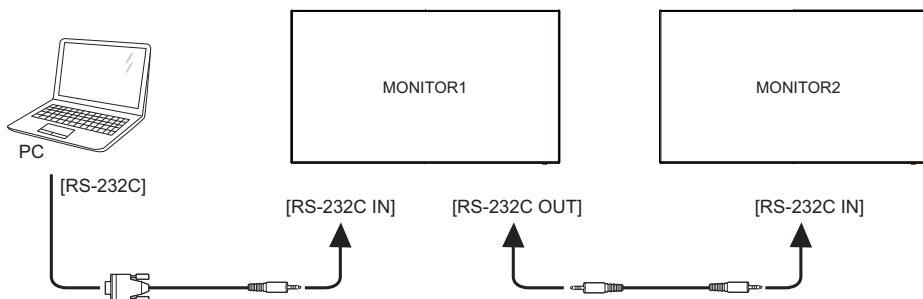
NOTE

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

[About the daisy chain]

■ **Monitor control connection**

RS-232C

■ **Digital video connection**

DVI
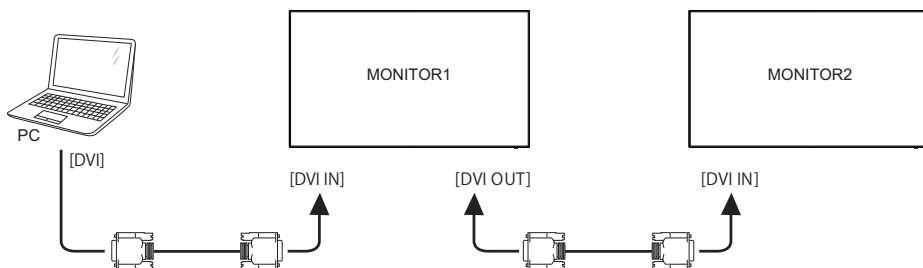
DisplayPort

DisplayPort v1.2 multiple stream support allows daisy-chain up to 4 monitors showing different content on each screen.

HDMI

OPS

MONITOR1

OPS

MONITOR2

[DVI OUT]   [DVI IN]

■ **Analog video connection**

VGA

PC

MONITOR1

MONITOR2

[VGA]

[VGA IN]   [DVI/VGA OUT]   [DVI/VGA IN]
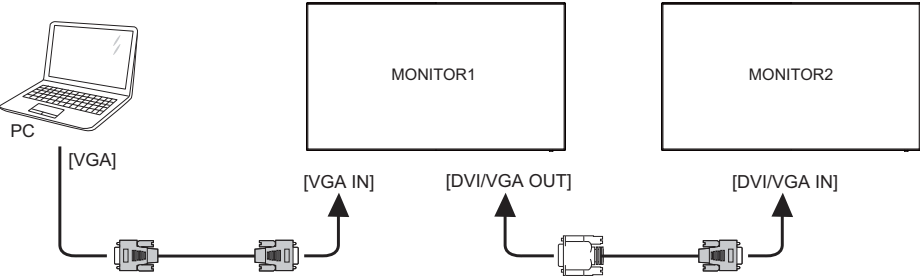
[To setup the network]
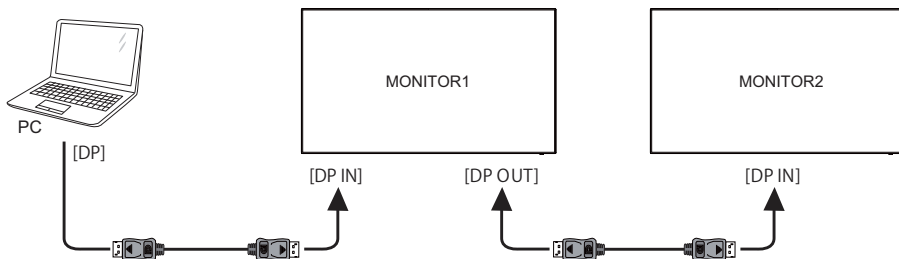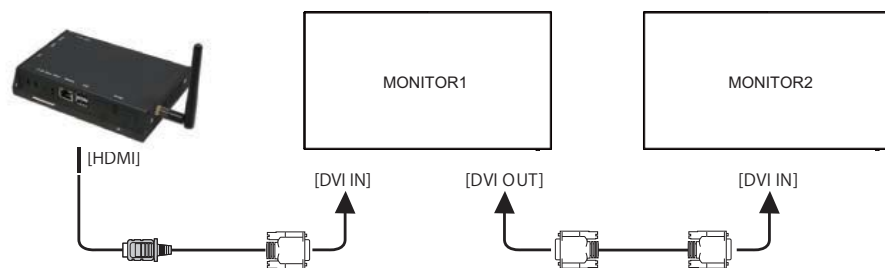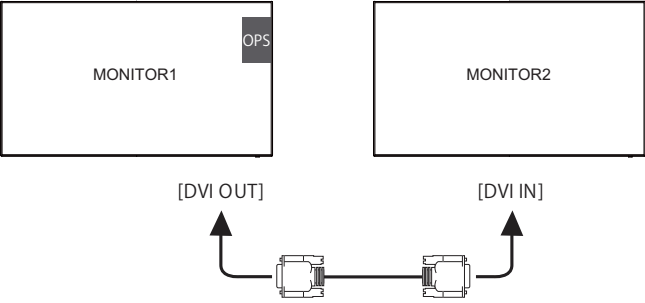
1. Switch on the router and switch on its DHCP setting.
2. Connect the router to this monitor and your computer with an Ethernet cable.
3. Press ⌂ HOME button on the remote control, then select Setup.
4. Select "Connect to network", then press OK button.
5. Follow the on-screen instructions to install the network.
6. Wait for this monitor to find the network connection.
7. If you are prompted, agree to the "End User Licence Agreement".

 NOTE Connecting with a shielded CAT-5 Ethernet cable to comply with the EMC directive.

■ Single monitor setup
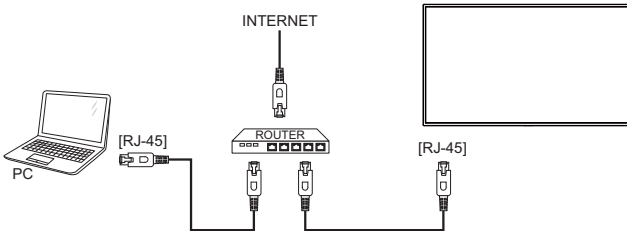
■ Multiple monitor setup
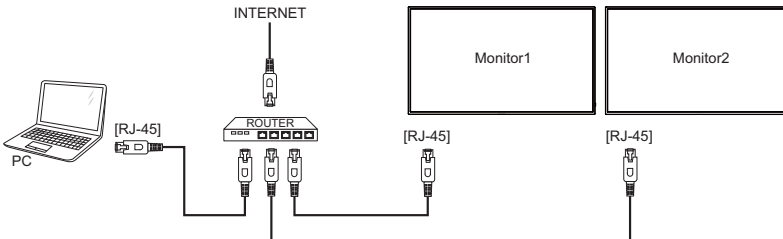
COMPUTER SETTING

■ Signal Timing

Change to the desired signal timing listed on page 47: COMPLIANT TIMING.

■ Windows XP/Vista/7/8 Plug & Play

The iiyama LCD monitor complies with DDC2B of VESA standard. The Plug & Play function runs on Windows XP/Vista/7/8 by connecting the monitor to DDC2B compliant computer with the Signal Cable supplied.

For installation on Windows XP: The monitor Information File for iiyama monitors may be necessary for your computer and obtained via the Internet, using the address:

http://www.iiyama.com

NOTE   ■ Monitor Drivers are not required in most cases for Macintosh or Unix operating systems. For further information, please contact your computer dealer first for advice.
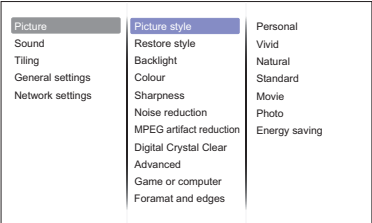
■ Procedure for turning ON the Power Switch

Turn ON the monitor first, and then the computer.

ENGLISH

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 47. You are also able to adjust the picture by following the button operation shown below.
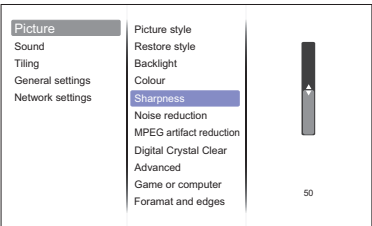
① **Press the ⌂ HOME button on the remote control or the MENU button on the Monitor to start the On Screen Monitor feature. There are additional Menu items which can be switched by using the ▮/▮ buttons on the remote control or the ▲ / ▼ buttons on the monitor.**

Picture	Picture style	Personal
Sound	Restore style	Vivid
Tiling	Backlight	Natural
General settings	Colour	Standard
Network settings	Sharpness	Movie
	Noise reduction	Photo
	MPEG artifact reduction	Energy saving
	Digital Crystal Clear	
	Advanced	
	Game or computer	
	Foramat and edges	

② **Select the Menu item of the adjustment you want to make. Press the OK button on the remote control or the INPUT button on the monitor and enter the menu page. Then, use the ▮/▮ buttons on the remote control or the ▲ / ▼ buttons on the monitor to highlight the desired adjustment item.**

③ **Press the OK button on the remote control or the INPUT button on the monitor again. Use the ▮/▮ buttons on the remote control or the + / - buttons on the monitor to make the appropriate adjustment or setting.**

④ **Press the ⏎ BACK button on the remote control or the MENU button on the monitor to leave the menu, and the settings you just made would be automatically saved.**

For example, to correct for sharpness, select Menu item of "Picture". Press the OK button on the remote control or the INPUT button on the monitor. Then, select "Sharpness" by using the ▮/▮ buttons on the remote control or the ▲ / ▼ buttons on the monitor.

Use the ▮/▮ buttons on the remote control or the + / - buttons on the monitor to change the sharpness settings. The sharpness of the overall display should be changing accordingly while you are doing this.

Picture	Picture style	
Sound	Restore style	
Tiling	Backlight	
General settings	Colour	
Network settings	Sharpness	
	Noise reduction	
	MPEG artifact reduction	
	Digital Crystal Clear	
	Advanced	
	Game or computer	
	Foramat and edges	50

Press the ⏎ BACK button on the remote control or the MENU button on the monitor lastly, it ends, all changes are saved in the memory.

NOTE

■ The ⏎ BACK button on the remote control or the INPUT button on the monitor can be used to return previous menu item.

■ Any changes are automatically saved in the memory when the On Screen Monitor disappears. Turning off the power should be avoided while using the Menu.

Direct * Available for Remote Control only.

Press the ADJUST button when Menu is not displayed.
Direct menu below appears.

● **PC input and Video input (HDMI, DisplayPort, Card OPS, DVI, YPbPr, AV, VGA)**

■ **Sound Style:**
Access predefined sound settings.

■ **Audio out:**
Adjust audio output volume.

■ **Picture format:**
Change the picture format.

■ **Picture shift:**
Move the position of the picture.

● **Video input only (HDMI(Video), YPbPr, AV)**

■ **Picture Style:**
Select a predefined picture settings.

ADJUSTMENT MENU CONTENTS

Picture

Picture	Picture style	Personal
Sound	Restore style	Vivid
Tiling	Backlight	Natural
General settings	Colour	Standard
Network settings	Sharpness	Movie
	Noise reduction	Photo
	MPEG artifact reduction	Energy saving
	Digital Crystal Clear	
	Advanced	
	Game or computer	
	Foramat and edges	

Adjustment Item	Problem / Option		Button to Press
Picture style*[1] **Direct**	Personal	Displays a picture on a screen set by Image Settings adjustments.	
	Vivid	For displaying outdoor scenery images.	
	Natural	For displaying natural images.	
	Standard	For general windows environment and the monitor default setting.	
	Movie	For movie and video environment.	
	Photo	For photo environment.	
	Energy saving	To display the image while reducing power.	
Restore style	Yes	Picture setting will be restored to factory-preset data.	
	No	Return to Menu.	
Backlight	Brightness of back light is reduced.		
Colour	Too week Too strong		
Sharpness*[1]	Too soft Too sharp		
Noise reduction*[1]	Off	Noise Reduction is turned off.	
	Minimum	Electronic image noise caused by different media players is reduced.	
	Medium	Electronic image noise caused by different media players is reduced more than Minimum.	
	Maximum	Electronic image noise caused by different media players is reduced more than Medium.	
MPEG artifact reduction	Off	MPEG artifact reduction is turned off.	
	On	Smoothen transitions and haziness in the digital picture.	
Digital Crystal Clear	Advanced sharpness*[1]	Off	Advanced sharpness is turned off.
		On	Enhance the picture edge and lines.

*[1] Only HDMI(Video), YPbPr and AV input.

Picture

Picture	Picture style	Personal
Sound	Restore style	Vivid
Tiling	Backlight	Natural
General settings	Colour	Standard
Network settings	Sharpness	Movie
	Noise reduction	Photo
	MPEG artifact reduction	Energy saving
	Digital Crystal Clear	
	Advanced	
	Game or computer	
	Foramat and edges	

Adjustment Item	Problem / Option		Button to Press
Digital Crystal Clear	Dynamic contrast*[1]	Off	Dynamic contrast is turned off.
		LOW	Dynamically enhance the details areas of the picture.
		MIDDLE	Dynamically enhance the details areas of the picture more than LOW.
		HIGH	Dynamically enhance the details areas of the picture more than MIDDLE.
	Colour enhancement*[1]	Off	Colour enhancement is turned off.
		LOW	Colour enhancement the vividness and details of colours.
		MIDDLE	Colour enhancement the vividness and details of colours more than LOW.
		HIGH	Colour enhancement the vividness and details of colours more than MIDDLE.
Advanced	Gamma	You can set the Gamma. -4 - 4	
	Tint	Cool	Bluish white
		Normal	Greenish white
		Warm	Reddish white
		Custom	R-WP(Red)
			G-W(Green)
			B-WP(Blue)
	Video contrast	Too dull	
		Too intense	
	Brightness*[2]	Too dark	
		Too bright	
	Hue	Purplish	
		Greenish	

*[1] Only HDMI(Video), YPbPr and AV input.
*[2] Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

Picture

Picture	Picture style	Personal
Sound	Restore style	Vivid
Tiling	Backlight	Natural
General settings	Colour	Standard
Network settings	Sharpness	Movie
	Noise reduction	Photo
	MPEG artifact reduction	Energy saving
	Digital Crystal Clear	
	Advanced	
	Game or computer	
	Foramat and edges	

Adjustment Item	Problem / Option		Button to Press
Game or computer *³	Off	Game or computer is turned off.	
	Game	Apply the game settings from the game console.	
	Computer	Apply the game settings when have a computer and HDMI connection.	
Format and edges	Picture format **Direct**	Auto zoom	Enlarges the image on the screen to the original screen ratio.
		Movie expand 16:9	Scale 4:3 format to 16:9. Not recommended for HD or PC.
		Wide screen	Shows widescreen format content stretched. Not recommended for HD or PC.
		Unscaled	Display all pictures in the original resolution.
		4:3	Display all pictures in 4:3 aspect ratio.
	Picture shift	Move the position of the picture.	

*³ This function is available when select the "Unscaled" of "Picture format".

ENGLISH

Sound

	Picture	Sound style	Personal
	Sound	Restore style	Original
	Tiling	Bass	Movie
	General settings	Treble	Music
	Network settings	Balance	Game
		Surround mode	News
		Audio out	
		Advanced	

Adjustment Item	Problem / Option		Button to Press
Sound style **Direct**	Personal	Recalls customized settings.	
	Original	Set the original sound quality.	
	Movie	Sound quality suitable for the movie.	
	Music	Sound quality suitable for the music.	
	Game	Sound quality suitable for the game.	
	News	Sound quality suitable for the news.	
Restore style	Yes	Sound setting will be restored to factory-preset data.	
	No	Return to Menu.	
Bass	Too weak		
	Too strong		
Treble	Too weak		
	Too strong		
Balance	Too loud sound from the right speaker		
	Too loud sound from the left speaker		
Surround mode	Off	Surround mode is turned off.	
	On	Enhance surround experience.	
Audio out **Direct**	Adjust audio output volume. Too soft		
	Too loud		
Advanced	Auto volume leveling	Off	Auto volume leveling is turned off.
		On	Enable the reduction of sudden volume changes.
	Speaker settings	Off	Turn Off the internal speaker.
		On	Turn On the internal speaker.
	Clear sound	Off	Clear sound is turned off.
		On	Enable the volume

Tiling *[1]

Picture	Enable	Off
Sound	H monitors	On
Tiling	V monitors	
General settings	Position	
Network settings	Frame comp.	

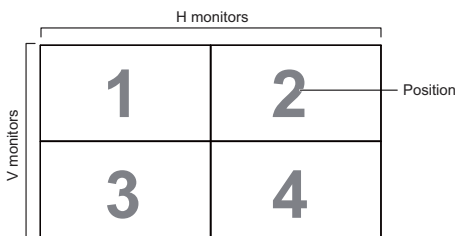| Adjustment Item	Problem / Option		Button to Press
Enable	Off	Enable is turned off.	
	On	The monitor will apply the settings in "H monitors", "V monitors", "Position" and "Frame comp.".	
H monitors	Sets the number of monitors used in the horizontal position.		
V monitors	Sets the number of monitors used in the vertical position.		
Position	Sets the position of the screen matrix.*[2]		
Frame comp.	Off	Frame comp. is turned off.	
	On	The monitor will adjust the image to compensate for the width of the monitor bezels in order to accurately display the image.	

*[1] With this function you can create a single large-screen matrix (video wall) that consists of up to 100 sets of this monitor (up to 10-sets on the vertical and 10-sets on the horizontal sides).

*[2] Screen Matrix

Example: 2 x 2 screen matrix (4 monitors)

H monitors = 2 monitors

V monitors = 2 monitors

H monitors

| **1** | **2** | — Position |
| **3** | **4** | |

V monitors

Example: 5 x 5 screen matrix (25 monitors)

H monitors = 5 monitors

V monitors = 5 monitors

H monitors

1	**2**	**3**	**4**	**5**	— Position
6	**7**	**8**	**9**	**10**	
11	**12**	**13**	**14**	**15**	
16	**17**	**18**	**19**	**20**	
21	**22**	**23**	**24**	**25**	

V monitors

OPERATING THE MONITOR 29

General settings

Picture	Menu Language	English
Sound	Monitor ID	Deutsch
Tiling	Auto Search	繁體中文
General settings	Clock	Français
Network settings	Scheduling	Italiano
	Sleep timer	Español
	EasyLink	Русский
	Auto Adjust	Polski
	Local KB lock	Türkçe
	RC lock	简体中文
	Pixel shift	Português

▼

Adjustment Item	Problem / Option		Button to Press

Adjustment Item				
Menu Language	English	English	Türkçe	Turkish
	Deutsch	German	简体中文	Simplified Chinese
	繁體中文	Traditional Chinese	Português	Portuguese
	Français	French	اللغة العربية	Arabic
	Italiano	Italian	日本語	Japanese
	Español	Spanish	Nederlands	Dutch
	Русский	Russian	Česky	Czech
	Polski	Polish		

Monitor ID	Set ID to the monitor. 1 - 255		

Auto Search	Status	Off	Auto Search is turned off.
		On	Automatically detects available input sources.
		Failover	Set the input source to detect with priority.

Clock	Adjust the current date and time for the internal clock. Daylight saving(Daylight saving time/Standard time)/Date/Time **NOTE** You must set this item when using "Scheduling".

Scheduling	Schedule1 Schedule2 Schedule3 Schedule4 Schedule5 Schedule6 Schedule7	Status	Off	Schedule is turned off.
			On	Schedule is turned on.
		Source		Select default input source to use when the monitor is automatically turned on next time. USB/HDMI/DVI/YPbPr/AV/VGA
		On Time Off Time		Set the time for the monitor to turn on and turn off.
		Repeat modes		Sets a recurring schedule. No Repeat / Every Sunday / Every Monday / Every Tuesday / Every Wednesday / Every Thursday / Every Friday / Every Saturday
		Playlist setting		Set the file to be started when the power is turned on. Press the red button on the remote control after choosing a file and then select and save the "Save list" 30 files support.

Sleep timer	Switch off this monitor after a specified time. 0 - 180 mins	

EasyLink	Off	EasyLink is turned off.
	On	Connect and control your HDMI-CEC compliant devices through HDMI port to this monitor with the same remoto control.

ENGLISH

General settings	Picture Sound Tiling General settings Network settings	Auto Adjust Local KB lock RC lock Pixel shift Smart power Wake on lan Switch on State LED Switch on delay Logo APM	Start Cancel

Adjustment Item	Problem / Option		Button to Press
Auto adjust *¹	Start	Adjust H. / V. Position, Clock and Phase automatically.	
	Cancel	Return to Menu.	
Local KB lock *²	Choose to enable or disable the back controller function of this display.		
	Unlock	Enable the button function.	
	Lock all	Lock all the button function.	
	Lock but volume	Disable all the button function except the VOL+ and VOL- button.	
	Lock but power	Disable all the button function except the Power button.	
	Lock all expect volume and power	Disable all the button function except the VOL+, VOL- and Power button.	
RC lock *²	Choose to enable or disable the button function of the remote control.		
	Unlock	Enable the button function.	
	Lock all	Lock all the button function.	
	Lock but volume	Disable all the button function except the VOL+ and VOL- button.	
	Lock but power	Disable all the button function except the Power button.	
	Lock all expect volume and power	Disable all the button function except the VOL+, VOL- and Power button.	
Pixel shift *³	Off	Pixel shift is turned off.	
	On	Move the screen image automatically to protect the monitor from "burn-in" or "after-image" symptoms If not operating even 30 seconds.	
Smart power*³	Off	Dynamic backlight is turned off.	
	Standard	Optimize dynamic power consumption and picture contrast.	
	Best Power	Optimize dynamic power consumption.	
	Best Picture	Optimize dynamic picture contrast.	
Wake on lan	Off	Wake on lan is turned off.	
	On	Turn the monitor on remotely over LAN network.	

*¹ Only VGA input.
*² To disable the lock function from "Local KB lock" or "RC lock" item, press 🏠 HOME button and 1998 on the remote control.
*³ Only HDMI(Video), YPbPr and AV input.

General settings		

Picture	Smart power
Sound	Wake on lan
Tiling	Switch on State
General settings	LED
Network settings	Switch on delay
	Logo
	APM
	Information OSD
	DisplayPort ver.:
	Network control port
	Factory settings

Adjustment Item	Problem / Option		Button to Press
Switch on state	On	The monitor will turn on when the power cable is connected to a wall outlet.	
	Standby	The monitor will remain standby when the power cable is connected to a wall outlet.	
	Last status	The monitor will return to the previous power status (On/Off/Standby) when removing and replacing the power cable.	
LED	Off	The power indicator is turned off.	
	On	The power indicator is turned on.	
Switch on delay	Adjust the power-on delaying time (in seconds) allows a sequential powering-on for each monitor by their ID number when multiple monitors are connected. 0 - 60 seconds		
Logo	Off	iiyama Logo does not display when the monitor is turned on.	
	On	iiyama Logo displayed when the monitor is turned on.	
APM	Off	APM is turned off.	
	On	When there is no signal, the monitor will automatically turn off.	
Information OSD	Off	Information OSD is turned off.	
	On	When you press the Power button turn on the monitor from standby mode or change the input signal. The information OSD is displayed on the upper left corner of the screen.	
DisplayPort Ver.	Set the version of the DisplayPort. 1.1a/1.2		
Network control port	RS232C	When the RS232C is being used.	
	Card OPS RS232C	To use when inserting a computer to the OPS.	
Factory settings	OK	Factory-preset data is restored.	
	Cancel	Return to Menu.	

Network Settings

Adjustment Item	Problem / Option	Button to Press
View network settings	View connected network status.	
Network Configuration	Select how this display should assign addresses to the network resources. DHCP & Auto IP / Static IP	
Static IP Configuration	Assign {IP address}, {Netmask}, {Gateway}, {DNS1}, and {DNS2} for this display.	
Digital Media Renderer - DMR	Off	Digital Media Renderer - DMR is turned off.
	On	Receive multimedia files from Smart phones or Tablets connected to your network.
Network name	Rename this monitor for easy identification.	

[Play Multimedia Files]

You can play videos, photos, and music on your monitor from:
· Your computer connected through your network.
· A USB device connected to this monitor.

● Play files from computer via local Area Network

To play files from computer via local Area Network, you will need:
· A wired network, connected with a Universal Plug and Play (uPnP) router.
· Optional: A LAN cable that connects your monitor to your network.
· A media server running on your computer.
· Appropriate settings on your computer firewall to allow you to run the media server.

■ Set up media sharing

1. Install a media server on your computer to share media files. These are some media servers:
   • For PC: Windows Media Player 11 (or higher) or TVersity
   • For Mac: Twonky

2. Switch on media sharing on your computer using the media server. For more information on how to set up the media server, refer to the website of the media server.

■ How to use DNLA-DMP

1. Connect monitor and your computer to the same router via RJ45.
2. Run windows media player. Set stream handling as public sharing.

■ Play files from monitor

1. Press ⏯ SOURCE button, select [Network] and press OK button.
2. Now, you can see all the computer's connected to the same router on the screen. Select the right one.
3. Press ▌ and ▬ to select the directory and files to play.

| NOTE | We suggest to use DLNA-DMP function via wired network for the sake of higher security and sufficient network bandwidth. |

■ How to use DNLA-DMR from computer

1. Press 🏠 HOME button, select [Network settings] and press OK button.
2. Set DMR as [On].
3. Set the name of your monitor.
4. Press ⏯ SOURCE button, select [Network] and press OK button.
5. On your computer, go to [Network and Sharing Center], and click [Choose homegroup and sharing options].
6. Check the media formats. Then, click [Choose media streaming options...].
7. Go to [Advanced sharing settings], and check [Turn on network discovery].
8. Now, go to the directory of your media files. Select the media file by right click. On the submenu from Play To, you can find all monitors connected to your network, select the monitor, and click the media file to play.

ENGLISH

■ **Play files**
1. Press ➡️ SOURCE button.
2. Select [Network], then press OK button.
3. Select a file from the content browser, then press OK button to start playing.
4. Press the Play buttons on the remote control to control playing.

* • Select the top bar to filter our files by type.
 • Select [Sort] to arrange the files by album name, artist, or other fields.
 • To clear the list of offline media servers, press 🄳 OPTIONS button. Then, select [Clear offline servers] and press OK button.

● **Play multimedia files from USB device**
This monitor can play music, movie, or photo files from your USB device.
1. Connect your USB device to the USB port on this monitor.
2. Press ➡️ SOURCE button, select USB, then press OK button.
3. The connected USB device is detected automatically for all its playable files which will be automatically sorted into 3 types: 🎵 Music, 🎬 Movie and 🖼️ Photo.

4. Press the ↩️ BACK button to go up to the top layer in the screen. Press ◀ or ▶ button to select the file type. Press OK button to enter its play list.
5. Select the file you want. Press OK button to start playing.
6. Follow the on-screen instruction to control the play option.
7. Press the PLAY buttons (■, ❚❚, ◀◀, ▶, ▶▶) to control playing.

■ **USB Standard:**
USB2.0
NOTE The USB 2.0 compatibility is always granted. The USB 3.0 high speed support cannot be guaranteed wth all devices.
■ **Supported file system:**
FAT32
■ **Supported file format:**
 • Music: MP3, WMA, M4A, AAC, AC3
 • Movie: AVI, MP4, MOV, MPG/MPEG
 • Photo: JPEG, BMP, GIF

CAUTION

• The manufacturer is not responsible if the USB device is not supported, nor is it responsible for damage to or loss of data in the device.
• Do not overload the USB port. If you connect a USB storage device that consumes more than 500mA power, make sure that it is connected to its own external power supply.
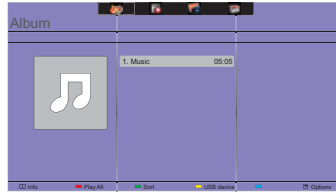
NOTE

When you are playing multimedia files from USB device and turn the monitor off. It will set input source to the last real input source, such as HDMI, DVI, YPbPr, AV and VGA when you turn the monitor on next time.

[Play options]

●Playing music files

1. Select ![music icon] Music in the top bar.
2. Select one music track, then press OK button.

3. Press the ![BACK icon] BACK button to display the play menu.
   • Play All : To play all the tracks in a folder.
   • Sort : It classifies the track.
   • USB device : Music list of the USB device will be displayed.

   • ![skip icon] / ![skip icon] : To skip to the next or previous track.
   • OK : To pause the track or resume.
   • ![skip icon] / ![skip icon] : To skip backward or forward 10 seconds.
   • ◀◀ / ▶▶ : To search backward or forward. Press repeatedly to toggle between different speeds.
   • ■ : To stop the music.

■ Music options

While playing music, press ![OPTIONS icon] OPTIONS button.

<Option>
   • Repeat : To play a track or an album repeatedly.
   • Play once : To play a track once.
   • Shuffle On / Shuffle Off : Enable or disable random play of tracks.

<Eco>

Turn off the screen to save power consumption. To display again, press any button on the remote control.

> **NOTE**

To view information about a song (for example, title, artist or duration), select the song, press the ![BACK icon] BACK button to display the play menu and then press the ![i] INFO button. To hide the information, press the ![i] INFO button again.

After pressing the OK button to select a song, the menu screen dissapears when the ![i] INFO button is selected again. When press the ![BACK icon] BACK button to display the menu screen.

■ Play photo files from music file menu

While playing a music file, press the ![BACK icon] BACK button, go to the top of the screen, select a picture and then select slide show.

●Playing movie files

1. Select Movie in the top bar.
2. Select a video, then press OK button.
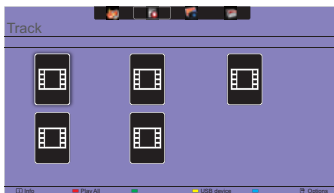
- Play All : To play all the videos in a folder.
- Sort : It classifies the movie.
- USB device : Movie list of the USB device will be displayed.

- OK : To pause the video or resume.
- ◄ / ► : To skip backward or forward 10 seconds.
- ◄◄ / ►► : To search backward or forward. Press repeatedly to toggle between different speeds.
- ■ : To stop the video.

■ Movie options

While playing video, press ▭ OPTIONS button.

<Option>
- Subtitles : Select the available subtitle settings.
- Subtitles On / Off : Subtitle display on / off.
- On During Mute : Enable the subtitle display.
                   Subtitle can be switched on/off by pressing the Mute button.
- Subtitle Language : Select the language for subtitles if available.
- Shuffle On / Shuffle Off : Enable or disable random play of video files.
- Repeat : To play the video file repeatedly.
- Play once : To play the video file once.
- Status : Displays video information.

<Picture and Sound>
- Picture Mode / Sound Mode / Audio out / Picture Format

<Eco>
Turn off the screen to save power consumption. To display again, press any button on the remote control.

<Clock>
- Sleep timer

● Playing photo files

1. Select 📷 Photo in the top bar.
2. Select a photo thumbnail, then press OK button.
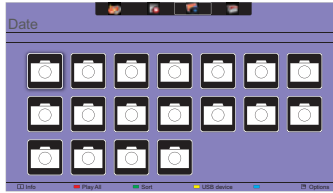
■ Start a slideshow

- Play All : To play all the photo in a folder. (multiple photo)
- Sort : It classifies the photo.
- USB device : Photo list of the USB device will be displayed.

- ◄ / ► : To skip to the previous or next photo, then press OK button at the end.
- ■ : To stop the slideshow.

■ Slideshow options

While you play a slideshow, press ⊟ OPTIONS button.

<Option>
- Shuffle On / Shuffle Off : Enable or disable random picture in the slideshow.
- Repeat : To watch a slideshow.
- Play once : To watch once.
- Slideshow Time : Select the displaying time for each photo in the slideshow.
- Slideshow Transitions : Select the transition from one photo to the next.

<Picture and Sound>
- Picture Mode / Sound Mode / Audio out / Picture Format

<Eco>
Turn off the screen to save power consumption. To display again, press any button on the remote control.

● 📁 Folder

It lists the files in the USB device. It is possible to play directly from the USB.

POWER MANAGEMENT FEATURE

The power management feature of this product complies with power saving requirement of VESA DPMS. When activated, it automatically reduces unnecessary power consumption of the monitor when your computer is not in use.

To use the feature, the monitor needs to be connected to a VESA DPMS compliant computer. There is a power management step the monitor takes as described below. The power management function, including any timer settings is configured by the operating system. Check your operating system manual for information on how this can be configured.

■ **Power Management Mode**

When the H-sync signal / V-sync signal / H and V sync signals from the computer are off, the monitor enters into Power Management Mode which reduces the power consumption to less than 0.5W. The screen becomes dark. From Power Management Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.

| NORMAL MODE | Power Indicator |
| POWER MANAGEMENT MODE | Green / Red |

POWER CONSUMPTION   0   0.5W   100%
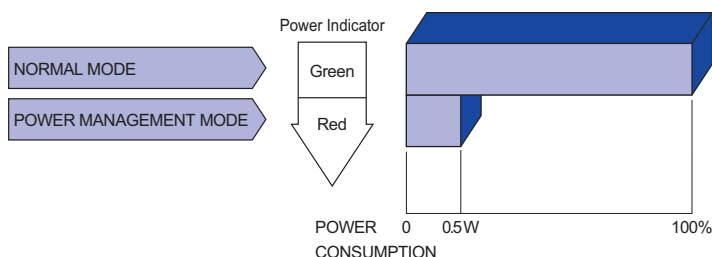
| NOTE | ■ Even when using the power management mode, the monitor consumes electricity. Turn off the Power Switch whenever the monitor is not in use, during the night and weekends, to avoid unnecessary power consumption. |
| | ■ It is possible that the video signal from the computer may be on while the H or V sync signal is missing. In this instance, the POWER MANAGEMENT feature may not work properly. |

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.	☐ 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. ☐ If the blank screen saver is in active mode, touch the keyboard or the mouse. ☐ Increase the Contrast and/or Brightness. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor. ☐ If the monitor is in power management mode, touch the keyboard or the mouse.
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. ☐ The video output level 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/recycle for monitor recycling.

APPENDIX

Design and specifications are subject to change without prior notice.

SPECIFICATIONS : ProLite LH4281S

Size Category		42"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 41.9" (106.5cm)
	Pixel pitch	0.4833mm H × 0.4833mm V
	Brightness	500cd/m^2 (Typical)
	Contrast ratio	1300 : 1 (Typical)
	Viewable angle	Horizontal : 178 degrees, Vertical: 178 degrees (Typical)
	Response time	8ms (Typical, Gray to Gray)
Display Colors		Approx.1.07B
Sync Frequency		Analog: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz Digital: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz
Maximum Resolution		1920 × 1080, 2.1 MegaPixels
Input Connector		VGA(D-sub) mini 15 pin, DVI-D 24 pin, HDMIx2, DisplayPort
Input Audio Connector		mini jack, RCA (L/R)
Input Component Connector		RCA (Video/L/R)
LAN		RJ45
Serial Port		RS-232C In/Out mini jack
Plug & Play		VESA DDC2B^{TM}
Input Sync Signal		Separate sync: TTL, Positive or Negative
Input Video Signal		Analog: 0.7Vp-p (Standard), 75Ω, Positive Digital: DVI (Digital Visual Interface Standard Rev.1.0) compliance Digital: HDMI, DisplayPort
Input Audio Signal		0.5Vrms maximum
IR Extender Connector		IR In/Out
USB Connector		USB2.0 (USB Media Player)
Output Connector		DVI-D 24 pin, DisplayPort
Output Audio Connector		RCA(L/R)
Speakers		Internal: 10W×2 (Stereo speakers), External (speaker jack): 10W×2
Maximum Screen Size		927.94mm W × 521.96mm H / 36.5" W × 20.5" H
Power Source		100-240VAC, 50/60Hz, 2.5A
Power Consumption*		110W typical, Power management mode: 0.5W maximum Energy Efficiency Class: C
Dimensions / Net Weight		947.0 × 541.0 × 71.0mm / 37.3× 21.3 × 2.8" (W×H×D) 15.3kg / 33.7lbs

Environmental Considerations		Operating: Temperature 0 to 40°C / 32 to 104°F
		               Humidity 20 - 80% (No condensation)
		Storage: Temperature -20 to 60°C / 4 to 140°F
		               Humidity 5 - 95% (No condensation)

Approvals		CB, CE, CU, TÜV-Bauart

NOTE * Audio equipment are not connected.

SPECIFICATIONS : ProLite LH4981S

Size Category		49"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 48.5" (123.2cm)
	Pixel pitch	0.55926mm H × 0.55926mm V
	Brightness	500cd/m^2 (Typical)
	Contrast ratio	1300 : 1 (Typical)
	Viewable angle	Horizontal : 178 degrees, Vertical: 178 degrees (Typical)
	Response time	8ms (Typical, Gray to Gray)
Display Colors		Approx.1.07B
Sync Frequency		Analog: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz Digital: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz
Maximum Resolution		1920 × 1080, 2.1 MegaPixels
Input Connector		VGA(D-sub) mini 15 pin, DVI-D 24 pin, HDMIx2, DisplayPort
Input Audio Connector		mini jack, RCA (L/R)
Input Component Connector		RCA (Video/L/R)
LAN		RJ45
Serial Port		RS-232C In/Out mini jack
Plug & Play		VESA DDC2B™
Input Sync Signal		Separate sync: TTL, Positive or Negative
Input Video Signal		Analog: 0.7Vp-p (Standard), 75Ω, Positive Digital: DVI (Digital Visual Interface Standard Rev.1.0) compliance Digital: HDMI, DisplayPort
Input Audio Signal		0.5Vrms maximum
IR Extender Connector		IR In/Out
USB Connector		USB2.0 (USB Media Player)
Output Connector		DVI-D 24 pin, DisplayPort
Output Audio Connector		RCA(L/R)
Speakers		Internal: 10W×2 (Stereo speakers), External (speaker jack): 10W×2
Maximum Screen Size		1073.8mm W × 604.0mm H / 42.3" W × 23.8" H
Power Source		100-240VAC, 50/60Hz, 2.5A
Power Consumption*		135W typical, Power management mode: 0.5W maximum Energy Efficiency Class: C
Dimensions / Net Weight		1093.0 × 623.0 × 71.0mm / 43.0 × 24.5 × 2.8" (W×H×D) 19.0kg / 41.9lbs

Environmental Considerations		Operating: Temperature 0 to 40°C / 32 to 104°F
		           Humidity 20 - 80% (No condensation)
		Storage: Temperature -20 to 60°C / 4 to 140°F
		          Humidity 5 - 95% (No condensation)

Approvals		CB, CE, CU, TÜV-Bauart

NOTE   * Audio equipment are not connected.

SPECIFICATIONS : ProLite LH5581S

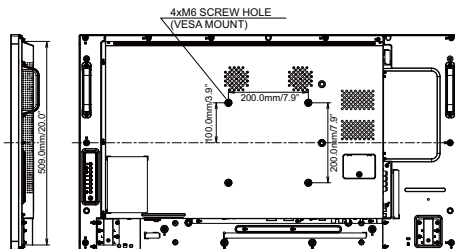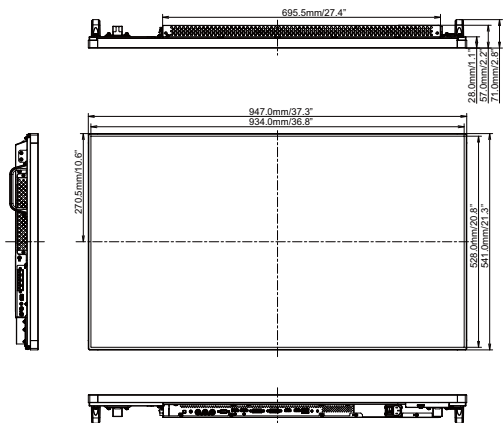|		
Size Category		55"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 54.6" (138.8cm)
	Pixel pitch	0.63mm H × 0.63mm V
	Brightness	500cd/m^2 (Typical)
	Contrast ratio	1300 : 1 (Typical)
	Viewable angle	Horizontal : 178 degrees, Vertical: 178 degrees (Typical)
	Response time	8ms (Typical, Gray to Gray)
Display Colors		Approx.1.07B
Sync Frequency		Analog: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz Digital: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz
Maximum Resolution		1920 × 1080, 2.1 MegaPixels
Input Connector		VGA(D-sub) mini 15 pin, DVI-D 24 pin, HDMIx2, DisplayPort
Input Audio Connector		mini jack, RCA (L/R)
Input Component Connector		RCA (Video/L/R)
LAN		RJ45
Serial Port		RS-232C In/Out mini jack
Plug & Play		VESA DDC2B^{TM}
Input Sync Signal		Separate sync: TTL, Positive or Negative
Input Video Signal		Analog: 0.7Vp-p (Standard), 75Ω, Positive Digital: DVI (Digital Visual Interface Standard Rev.1.0) compliance Digital: HDMI, DisplayPort
Input Audio Signal		0.5Vrms maximum
IR Extender Connector		IR In/Out
USB Connector		USB2.0 (USB Media Player)
Output Connector		DVI-D 24 pin, DisplayPort
Output Audio Connector		RCA(L/R)
Speakers		Internal: 10W×2 (Stereo speakers), External (speaker jack): 10W×2
Maximum Screen Size		1209.6mm W × 680.4mm H / 47.6" W × 26.8" H
Power Source		100-240VAC, 50/60Hz, 2.5A
Power Consumption*		145W typical, Power management mode: 0.5W maximum Energy Efficiency Class: B
Dimensions / Net Weight		1228.5 × 699.5 × 71.0mm / 48.4 × 27.5 × 2.8" (W×H×D) 24.7kg / 54.4lbs

Environmental Considerations		Operating: Temperature 0 to 40°C / 32 to 104°F
		            Humidity 20 - 80% (No condensation)
		Storage: Temperature -20 to 60°C / 4 to 140°F
		            Humidity 5 - 95% (No condensation)

Approvals		CB, CE, CU, TÜV-Bauart

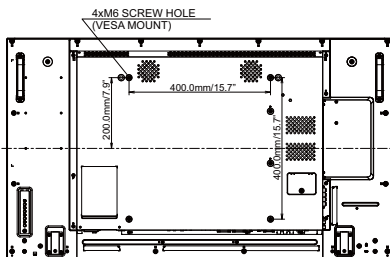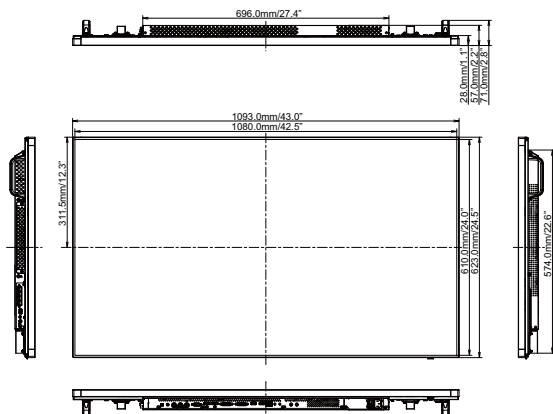**NOTE** * Audio equipment are not connected.

DIMENSIONS : ProLite LH4281S

DIMENSIONS : ProLite LH4981S

ENGLISH

ENGLISH

696.0mm/27.4"

28.0mm/1.1"
57.0mm/2.2"
71.0mm/2.8"

1228.5mm/48.4"
1215.5mm/47.9"

349.5mm/13.8"

686.5mm/27.0"
699.5mm/27.5"

510.5mm/20.1"

4xM6 SCREW HOLE
(VESA MOUNT)

200.0mm/7.9"

400.0mm/15.7"

400.0mm/15."
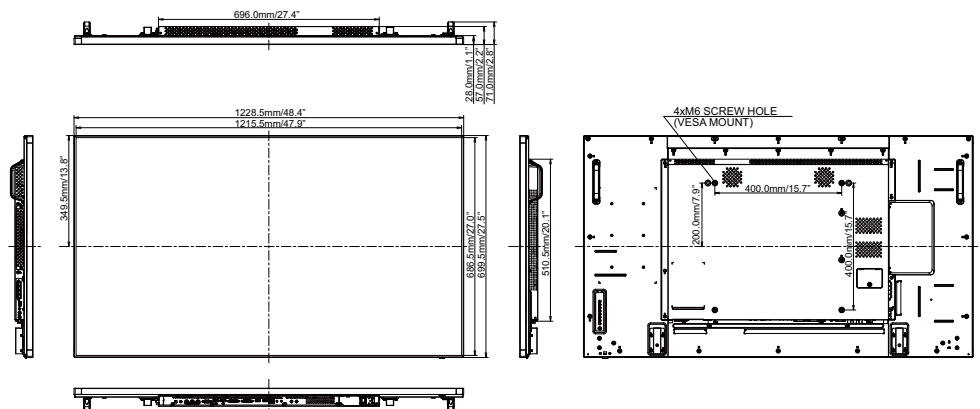
COMPLIANT TIMING

Timing		fH(kHz)	fV(Hz)	Dot clock (MHz)	VGA	DVI	HDMI	YPbPr	AV
VESA	VGA 640x480	31.469	59.940	25.175	◯	◯	◯		
		37.861	72.809	31.500	◯	◯	◯		
		37.500	75.000	31.500	◯	◯	◯		
	SVGA 800x600	37.879	60.317	40.000	◯	◯	◯		
		46.875	75.000	49.500	◯	◯	◯		
	XGA 1024x768	48.363	60.004	65.000	◯	◯	◯		
		60.023	75.029	78.750	◯	◯	◯		
	WXGA 1280x768	47.776	59.870	79.500	◯	◯	◯		
	WXGA 1280x800	49.702	59.810	83.500	◯	◯	◯		
	SXGA 1280x960	60.000	60.000	108.000	◯	◯	◯		
	SXGA 1280x1024	63.981	60.020	108.000	◯	◯	◯		
	WXGA1360x768	47.712	60.020	85.500	◯	◯	◯		
	WXGA1366x768	47.712	59.700	85.500	◯	◯	◯		
	UXGA 1600x1200	75.000	60.000	162.000	◯	◯	◯		
	FHD 1920x1080	67.500	60.000	148.500	◯	◯	◯		
IBM	720x400	31.467	70.080	28.320	◯	◯	◯		
MAC	640x480	35.000	66.667	30.240	◯	◯	◯		
	832x624	49.725	74.500	57.283	◯	◯	◯		
	1152x870	68.681	75.062	100.000	◯	◯	◯		
SD	NTSC(SD480i)	15.734	59.940	13.500					◯
	PAL(SD576i)	15.625	59.940	13.500					◯
	SECAM(SD576i)	15.625	59.940	13.500					◯
	480i 60Hz	15.734	59.940	27.000		◯	◯	◯	
	576i 50Hz	15.625	50.000	13.500		◯	◯	◯	
	480p 60Hz	31.469	59.940	27.000		◯	◯	◯	
	576p 50Hz	31.250	50.000	27.000		◯	◯	◯	
HD	720p 50Hz	37.500	50.000	27.000		◯	◯	◯	
	720p 60Hz	45.000	60.000	74.250		◯	◯	◯	
	1080i 50Hz	28.125	50.000	74.250		◯	◯	◯	
	1080i 60Hz	33.716	60.000	74.250		◯	◯	◯	
	1080p 50Hz	56.250	50.000	148.500		◯	◯	◯	
	1080p 60Hz	67.500	60.000	148.500		◯	◯	◯	

* ◯ means supported the timing.