

USER MANUAL

ProLite

LCD Monitor

ENGLISH

ProLite T2454MSC

Thank you very much for choosing the iiyama LCD monitor.

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



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

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

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

Things to check before you call the iiyama information line

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

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

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

Important Note:

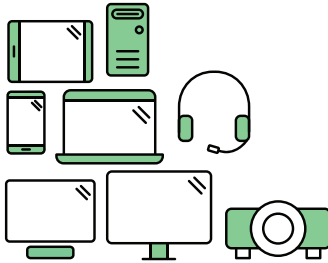
If there is no fault found in the collected equipment after inspection, the transferring party shall incur charges for transport and administration.

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

Feedback on health and safety issues

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

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



Say hello to a more sustainable product

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

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

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

Want to know more?

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

CE MARKING DECLARATION OF CONFORMITY

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

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

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

Model No. : PL2454M



We recommend recycling of used product. Please contact your dealer or iiyama service center. Recycle information is obtained via the Internet, using the address: <https://iiyama.com>

You can access the Web page of different countries from there.

- We reserve the right to change specifications without notice.
- All trademarks used in this user manual are the property of their respective owners.
- Eprel registration number T2454MSC-B3AG : 2327818

TABLE OF CONTENTS

FOR YOUR SAFETY.....	1
SAFETY PRECAUTIONS.....	1
SPECIAL NOTES ON LCD MONITORS	3
CUSTOMER SERVICE	3
CLEANING.....	4
BEFORE YOU OPERATE THE MONITOR.....	5
FEATURES.....	5
CHECKING THE CONTENTS OF THE PACKAGE	5
USING ARM OR STAND	6
FITTING AND REMOVAL OF STAND.....	8
CONTROLS AND CONNECTORS.....	9
CONNECTING YOUR MONITOR.....	10
COMPUTER SETTING	11
ADJUSTING THE VIEWING ANGLE	13
OPERATING THE MONITOR.....	14
ADJUSTMENT MENU CONTENTS.....	15
STANDBY FEATURE	21
TROUBLE SHOOTING	22
RECYCLING INFORMATION.....	23
APPENDIX	24
SPECIFICATIONS : ProLite T2454MSC-B3AG	24
DIMENSIONS.....	25
COMPLIANT TIMING	25

FOR YOUR SAFETY

SAFETY PRECAUTIONS

WARNING

STOP OPERATING THE MONITOR IF YOU ARE AWARE OF ANY PROBLEMS

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

NEVER REMOVE THE CABINET

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

DO NOT PUT ANY OBJECT INTO THE MONITOR

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

INSTALL THE MONITOR ON A FLAT, STABLE SURFACE

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

DO NOT USE THE MONITOR NEAR WATER

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

OPERATE UNDER THE SPECIFIED POWER SUPPLY

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

PROTECT THE CABLES

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

ADVERSE WEATHER CONDITIONS

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

CAUTION

INSTALLATION LOCATION

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

DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION

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

CAUTION

MAINTAIN GOOD VENTILATION

Ventilation slots are provided to keep the monitor from overheating. Covering the slots may cause fire. To allow adequate air circulation, place the monitor at least 10cm (or 4 inches) from any walls. When removing the tilt stand, the ventilation slots on the back side of the monitor can be blocked. This may overheat the monitor and may cause fire or damage. Make sure to allow enough ventilation when removing the tilt stand. Operating the monitor on its back, side, upside down or on a carpet or any other soft material may also cause damage.

DISCONNECT THE CABLES WHEN YOU MOVE THE MONITOR

When you move the monitor, turn off the power switch, unplug the monitor and be sure the signal cable is disconnected. If you do not disconnect them, it may cause fire or electric shock.

UNPLUG THE MONITOR

If the monitor is not in use for a long period of time it is recommended that it is left unplugged to avoid accidents.

HOLD THE PLUG WHEN DISCONNECTING

To disconnect the power cable or signal cable, always pull it by the plug. Never pull on the cable itself as this may cause fire or electric shock.

DO NOT TOUCH THE PLUG WITH WET HANDS

Pulling or inserting the plug with wet hands may cause electric shock.

WHEN YOU INSTALL THE MONITOR ON YOUR COMPUTER

Be sure the computer is strong enough to hold the weight of the monitor, otherwise, you may damage your computer.

REMARK FOR 24/7 USAGE

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

REMARK SPECIFIC TO DESKTOP USE

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

DO NOT TILT THE MONITOR DOWNWARD TOO FAR

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

DO NOT USE ALCOHOL OR DISINFECTANTS ON THE MONITOR

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

OTHERS

ERGONOMIC RECOMMENDATIONS

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

SPECIAL NOTES ON LCD MONITORS

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

NOTE

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

CUSTOMER SERVICE

NOTE

- If you have to return your unit for service and the original packaging has been discarded, please contact your dealer or iiyama service center for advice or replacement packaging.

CLEANING

WARNING

- If you drop any materials or liquids such as water into the monitor when cleaning, unplug the power cable immediately and contact your dealer or iiyama service center.
- For safety reasons, turn off the power switch and unplug the monitor before you clean it.

CAUTION

- Do not spray alcohol or disinfectants directly onto the monitor or use them near the monitor. Also, do not wipe the monitor with a cloth or sheet that contains alcohol or disinfectants. These may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the Touch Panel, and deterioration of components.
- To avoid potential damage on the monitor (Touch Panel/cabinet/connector terminals) or accessories, never use the following strong solvents or cleaning sheets. These may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the Touch Panel, and deterioration of components.

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

NOTE

- To protect the Touch Panel, do not scratch or rub the screen with a hard object.
- Do not leave the Touch Panel wet. If water droplets or the like get on it, immediately wipe it off with a dry, soft cloth. Leaving it on may cause discoloration or stains on the Touch Panel. In addition, if moisture gets inside the monitor, it may cause damage.
- Touching the cabinet with any product made from rubber or plastic for a long time may cause degeneration or loss of paint on the cabinet.

Regular care

Gently wipe the cabinet with a soft, dry and clean cloth. If your monitor is particularly dirty, soak the cloth in a mild detergent thoroughly diluted with water, wring it out tightly, and then wipe the dirt off. Then immediately wipe it with a soft, dry cloth.

Alcohol disinfection

Alcohol disinfection may cause discoloration, deterioration, or cracking of the cabinet, damage to the surface treatment of the Touch Panel, and deterioration of components. Instead, we recommend disinfecting your hands away from the monitor before and after use.

If you absolutely must disinfect the monitor with alcohol, please understand above warnings and cautions in advance. Also, avoid frequent alcohol disinfection.

BEFORE YOU OPERATE THE MONITOR

FEATURES

- ◆ Supports Resolutions up to 1920 × 1080
- ◆ High Contrast 1000:1 (Typical) / Brightness 300cd/m² (Typical)
- ◆ Quick Response Time 4ms (Gray to Gray)
- ◆ Digital Character Smoothing
- ◆ Stereo Speakers
2 × 2W Stereo Speakers
- ◆ Standby Feature
- ◆ VESA Mounting Standard (100mm×100mm) Compliant
- ◆ Keyhole for Security Lock
- ◆ 10point Touch

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 | ■ USB Cable |
| ■ Stand-Neck with a screw | ■ Stand-Base with a screw | ■ Screwdriver |
| ■ Safety Guide | ■ Quick Start Guide | |

CAUTION

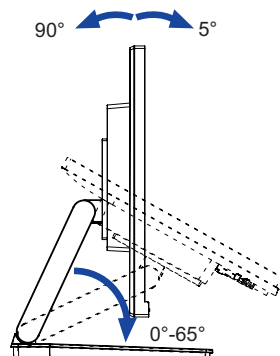
* All guarantees and warranties are void for any problems or damage caused by a power cable not supplied by iiyama.

An approved power cable greater or equal to H05VVF, 3G, 0.75mm² must be used.

USING ARM OR STAND

CAUTION

- This product is designed for desktop use, not for digital signage (electronic signboard) applications such as ceiling hanging or wall mounting.
- Before installation, make sure the display arm or desk arm stand is strong enough to hold the necessary weight of the display and the mount.
- The monitor angle should be within 90° upward and 5° downward. This product cannot be used facing upward or downward beyond this range.
- If the monitor is used (installed) at an angle more than 5° downward, the LCD may peel off from the bezel and fall, resulting in damage. In addition, such cases will not be covered by support or warranty.
- Regularly check the tightness of the screws. If the screws are not tight enough, the monitor may come off and cause injury or damage.

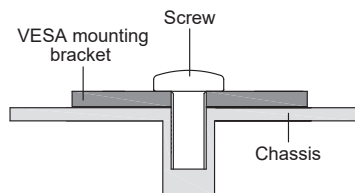


< DISPLAY ARM OR DESK ARM STAND >

CAUTION

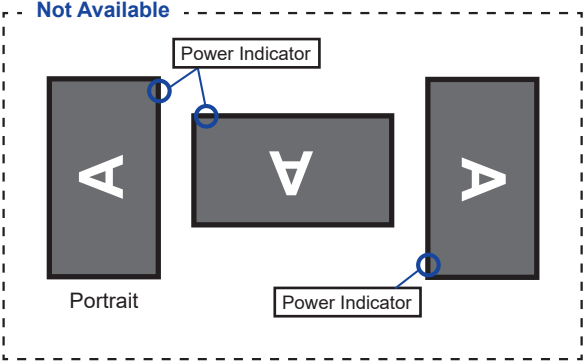
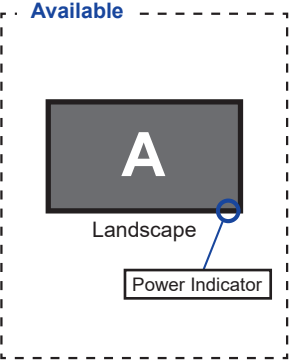
When using a display arm or desk arm stand, consider the thickness of the VESA mounting bracket and use four M4×11mm screws to secure it to the monitor. Ensure all screws are tightened and secured properly. Using screws longer than this may cause electric shock or damage by contacting the electrical parts inside the monitor.

For this product, the estimated minimum thickness of the VESA mounting bracket is 2.3mm.



< ROTATING THE MONITOR >

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



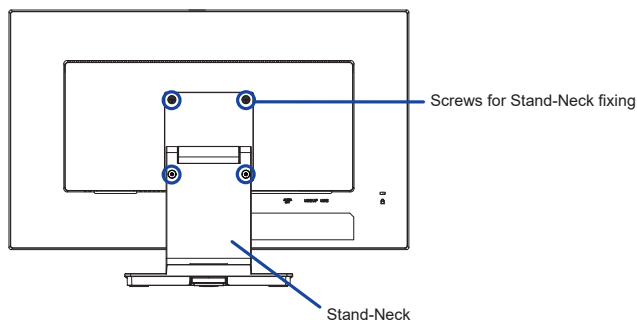
FITTING AND REMOVAL OF STAND

CAUTION

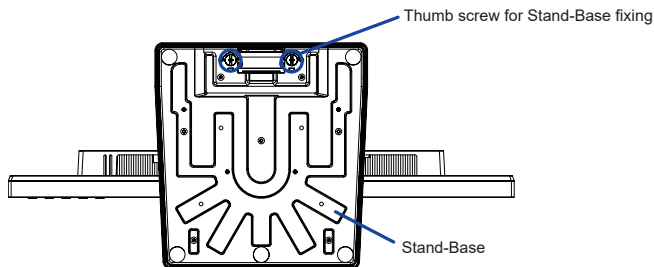
- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.
- Regularly check the tightness of the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

<Installation>

- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ② Hold the monitor and install the Stand-Neck to the monitor and secure it in using the provided screws and screwdriver.

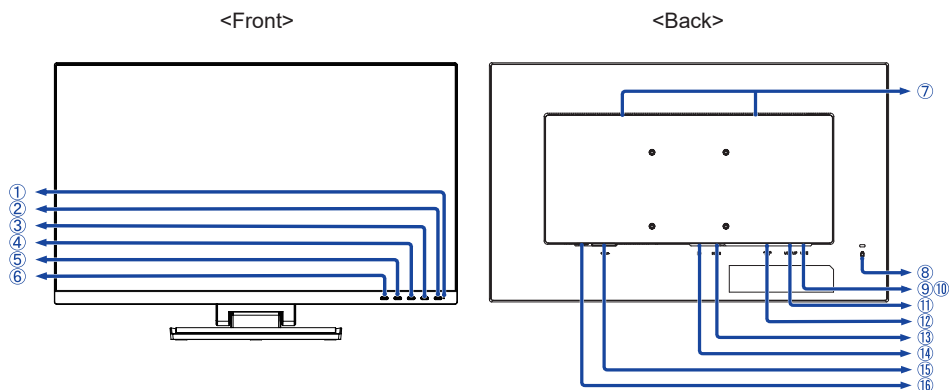


- ③ Use the 'thumb screw' provided to secure the Stand-base to the Stand-Neck.



<Removal>

- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched. Lay the monitor flat on a table with front face down.
- ② Loosen the 'thumb screw' to remove the Stand-Base from the Stand-Neck.
- ③ Loosen the screws with the provided screwdriver to remove the Stand-Neck from the monitor.



- ① Power Indicator

NOTE Blue: Normal operation
Orange: Standby mode

- ② Power Switch ()

- ③ Menu Button (MENU)

- ④ + Button (+)

- ⑤ - Button (-)

- ⑥ Exit Button (EXIT)

- ⑦ Speakers

- ⑧ Keyhole for Security Lock

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

- ⑨⑩ USB Downstream Connector (USB3.2 Gen 1: 5Gbps, 5V, 900mA)

- ⑪ USB Upstream / Touch I/F Connector (USB UP)

- ⑫ Headphone connector (AUDIO OUT)

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

- ⑬ HDMI Connector (HDMI)

- ⑭ DisplayPort Connector ()

- ⑮ AC Connector (~ : Alternating current) (~)

- ⑯ Main Power Switch (| (ON) / ○ (OFF))

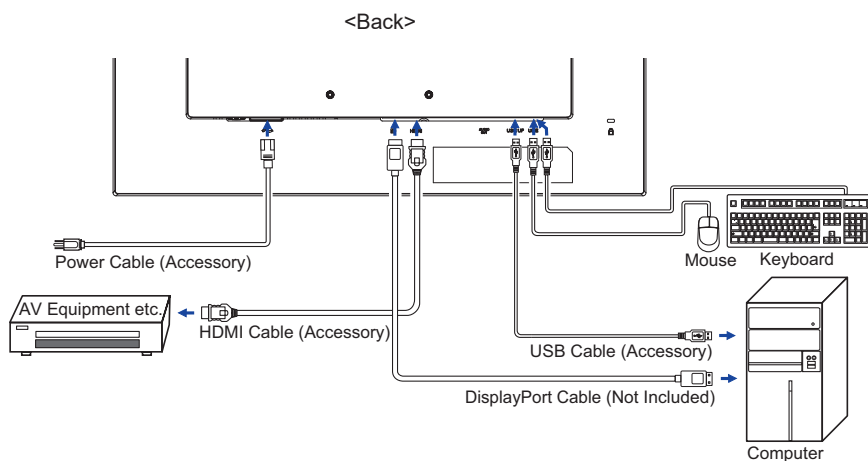
CONNECTING YOUR MONITOR

- ① Ensure that both the computer and the monitor are switched off.
- ② Connect the computer to the monitor with the signal cable.
- ③ Connect the computer to the monitor with the USB Cable.
- ④ Connect the Power Cable to the monitor first and then to the power source.
- ⑤ Turn on your monitor (Main Power Switch and Power Switch) and computer.

NOTE

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

[Example of Connection]



COMPUTER SETTING

■ Signal Timing

Change to the desired signal timing listed on page 25: COMPLIANT TIMING.

■ TOUCH support operation system

	Mouse	Digitizer	Gestures ^{*1}
Windows8/8.1/10/11	○	○	○
Mac OS/OS X	×	×	×
Linux/Android	×	×	×
Functions	Click Drag Double-Click	Mouse function Right-Click Flick Visual feedback	Mouse & Digitizer functions Press & Tap, Rotate, Zoom-in/out

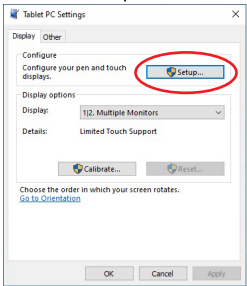
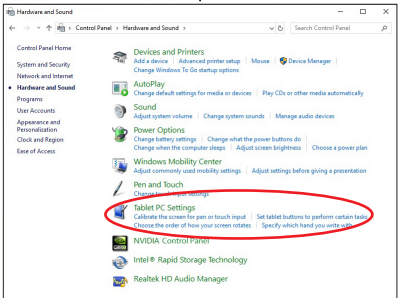
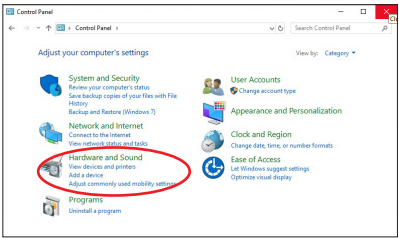
The other OS Versions not listed are not supported.

○ : Supported × : Not supported

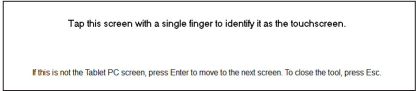
^{*1} Gestures can be supported by application programs.

■ Touch Input Settings in Dual Screen Mode

- ① Connect the primary monitor to the computer first.
Set Control Panel > Hardware and Sound > Tablet PC Settings > Display > Setup.



The following message will appear on the screen. Please follow the instructions.



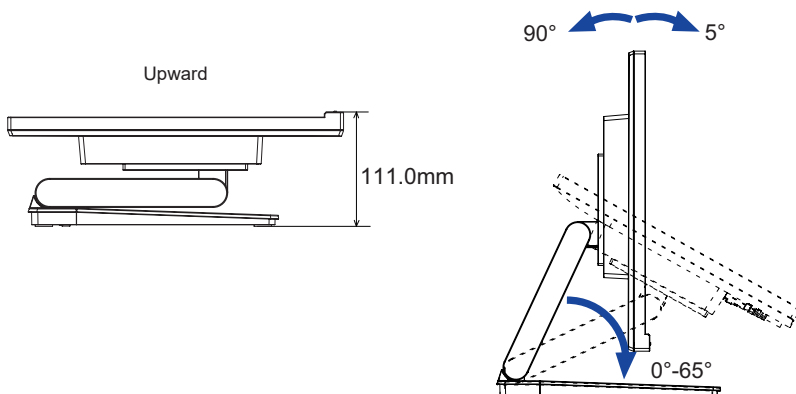
- ② After setting ①, connect a second monitor and perform the setup as in ①.

NOTE The monitors are recognized as dual-display, and touch operation cannot be performed on two monitors at the same time.
You can perform touch operation on only one of the monitors.

ADJUSTING THE VIEWING ANGLE

NOTE

- Do not touch the Touch screen when you change the angle. It may cause damage or break the Touch screen and LCD screen.
 - Careful attention is required not to pinch your fingers or hands when you change the angle.
- For optimal viewing it is recommended to look at the full face of the monitor.
 - You are able to adjust the monitor's height up to 373.0mm - 111.0mm, angle up to 90 degrees upward and 5 degrees downward. And you are able to adjust the Stand-Neck downwards up to 65 degrees.
 - Hold the stand so that the monitor does not topple when you change the monitor's angle.
 - ① Put the monitor on a flat surface.
 - ② Hold the panel so that the monitor does not topple.
 - ③ We recommend that you adjust the stand to its lowest position when using the monitor in the 90 degree upward tilt position.



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 25. You are also able to adjust the picture by following the button operation shown below.

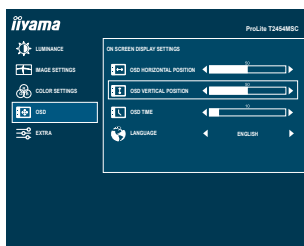
- ① **Press the MENU Button to start the On Screen Display feature. There are additional Menu items which can be switched by using the + / – Buttons.**



- ② **Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the MENU Button. Then, use the + / – Buttons to highlight the desired adjustment icon.**
- ③ **Press the MENU Button again. Use the + / – Buttons to make the appropriate adjustment or setting.**
- ④ **Press the EXIT Button to leave the menu, and the settings you just made would be automatically saved.**

For example, to correct for OSD vertical position, select Menu item of OSD and then press the MENU Button. Then, select OSD Vertical Position by using the + / – Buttons.

An adjustment page appears after you press the MENU Button. Then, use the + / – Buttons to change the OSD vertical position settings. The OSD vertical position of the overall display should be changing accordingly while you are doing this.


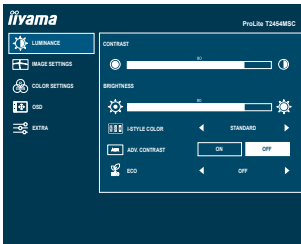






Press the EXIT Button lastly, it ends, all changes are saved in the memory.

NOTE

- When button operations are aborted during adjustment, On-Screen Display disappears when the time set for the OSD Time has passed. Also, the EXIT button can be used to return previous menu and turn off the On-Screen Display.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- All adjustments have only one setting which applies to all signal timings.

ADJUSTMENT MENU CONTENTS

<div> Luminance</div> <div></div>			
Adjustment Item	Problem / Option		Button to Press
Contrast	Too dull Too intense		 
Brightness* ¹	Too dark Too bright		 
i-Style Color* ²	Standard	For general windows environment and monitor default setting.	
	Text	For text editing and viewing in a word processing environment.	
	Internet	For internet environment.	
	Game	For PC game environment.	
	Movie	For movie and video environment.	
	Sports	For sport environment.	
Adv. Contrast	On	Increased Contrast Ratio	
	Off	Typical Contrast Ratio	
<div><div>NOTE</div><div>Adv. Contrast adjusts brightness according to the image, and improve the contrast ratio during movie playing. Contrast, Brightness, Gamma, Color Temp., Eco and i-Style Color cannot be adjusted and selected while Adv. Contrast is active.</div></div>			
Eco	Off	Normal	
	Mode1	Brightness of back-light is reduced.	
	Mode2	Brightness of back-light is reduced more than Mode1.	
	Mode3	Brightness of back-light is reduced more than Mode2.	

*¹ Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.

*² i-Style Color is disabled when Blue Light Reducer is activated.

Direct

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

- Eco: Press the – Button when the Menu is not displayed.




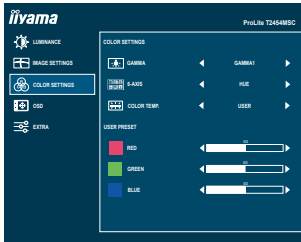
Image Settings*









Adjustment Item	Problem / Option		Button to Press
Aspect Ratio	Full	Expansion display	
	Aspect	Expansion display of Aspect	

* This feature will be enabled when the 4:3/5:4/16:10 aspect ratio resolution is changed and the display/ scaling of the display setting is preserved.


Color Settings*




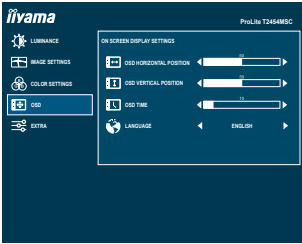






Adjustment Item	Problem / Option		Button to Press
Gamma	Gamma1	Normal	
	Gamma2	High contrast	
	Gamma3	Dark	
6 Axis	Hue	Red	<div>Too weak</div> <div>Too strong</div> <div>   </div>
		Yellow	
		Green	
		Cyan	
		Blue	
		Magenta	
	Saturation	Red	<div>Too weak</div> <div>Too strong</div> <div>   </div>
		Yellow	
		Green	
		Cyan	
		Blue	
		Magenta	
Color Temp.	Warm	Warm color	
	Normal	Normal color	
	Cool	Cool color	
	User	Red	<div>Too weak</div> <div>Too strong</div> <div>   </div>
		Green	
		Blue	
	sRGB		


NOTE

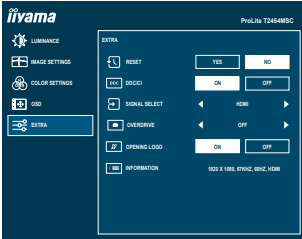
■ sRGB is an international standard which defines and unifies the difference of color appearance between equipment.

■ You can not adjust the Brightness, Contrast, i-Style Color, Adv. Contrast, Gamma, Blue Light Reducer and Eco during sRGB mode because those settings are locked.

* Color Settings adjustments is disabled when Blue Light Reducer is activated.

<div>  OSD </div> <div>  </div>				
Adjustment Item	Problem / Option			Button to Press
OSD Horizontal Position	OSD is too left OSD is too right			 
OSD Vertical Position	OSD is too low OSD is too high			 
OSD Time	You can set the OSD display duration time between 5 and 100 seconds.			 
Language	English	English	Polski	Polish
	Français	French	Русский	Russian
	Deutsch	German	日本語	Japanese
	Nederlands	Dutch		


Extra



Adjustment Item	Problem / Option	Button to Press
Reset	Yes	Factory-preset data is restored.
	No	Return to Menu.
DDC / CI	On	DDC/CI is On.
	Off	DDC/CI is Off.
Signal Select <div>Direct</div>	Auto	Select the signal input automatically.
	HDMI	Select the Digital (HDMI) input.
	DP	Select the Digital (DisplayPort) input.
<div>NOTE</div> At selected the AUTO, it will automatically be selected when just one source is available. If there are more input sources available and you select one of them, the AUTO option is not available. If multiple inputs are connected, the monitor may not recover the last one used after turning it off and on again. It is only possible when you set a specific source.		
OverDrive*	Off / -2 / -1 / 0 / +1 / +2 It will improve the gray level response time of the LCD panel. A higher level results in a faster response time.	
Opening Logo	On	Opening Logo is On.
	Off	Opening Logo is Off.
Information	Displays information regarding the current input signal coming from the graphic card in your computer.	
	<div>NOTE</div> See your graphic card user guide for more information about changing the resolution and refresh.	

* When OverDrive is activated, some level of image retention will be caused.

Direct

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





- Signal Select: Press the EXIT button when the Menu is not displayed, it shows following Menu. Press the EXIT button again to select input source and then press the MENU button.



Direct

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

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

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

- Blue Light Reducer * : Pressing and holding of the + Button for 3-4 seconds when the Menu is not displayed.
Off : Normal
Mode1 : Blue light is reduced.
Mode2 : Blue light is reduced more than Mode1.
Mode3 : Blue light is reduced more than Mode2.

* Blue Light Reducer cannot be enabled if i-Style Color, Adv.Contrast or sRGB colour are enabled.

- Lock Mode:

<OSD>

Hold the MENU button and turn on the monitor when the monitor is power-off, it will lock/unlock the OSD Key Lock function.

<Power/OSD>

Pressing and holding the MENU button for 10 seconds when Menu is not displayed, will lock/unlock the Power/OSD Key Lock function.

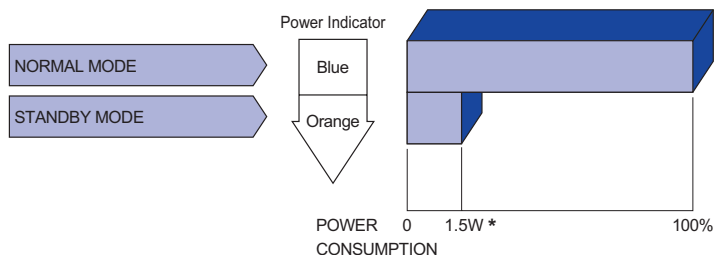
STANDBY FEATURE

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 1.5W*. The screen becomes dark, and the power indicator turns to orange. From Standby Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.



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

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

RECYCLING INFORMATION

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

APPENDIX

Design and specifications are subject to change without prior notice.

SPECIFICATIONS : ProLite T2454MSC-B3AG

Touch Screen	Technology	Projected capacitive 10pts
	Communication system	USB 3.2
	Surface finish	Anti-glare treatment
Size Category		23.8"
LCD Panel	Panel technology	IPS
	Size	Diagonal: 23.8" (60.5cm)
	Pixel pitch	0.2745mm H × 0.2745mm V
	Brightness	300cd/m ² (Typical), 175cd/m ² (Default / Energy Saving)
	Contrast ratio	1000 : 1 (Typical: with Touch Panel)
	Viewable angle	Horizontal : 178 degrees, Vertical: 178 degrees (Typical)
	Response time	4ms (Gray to Gray)* ¹
Display Colors		Approx.16.7M
Sync Frequency		Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz
Native Resolution		1920 × 1080, 2.1 MegaPixels
Support max. resolution		HDMI: 1920 × 1080 75Hz DisplayPort: 1920 × 1080 75Hz
Input Connector		HDMI, DisplayPort
Input Video Signal		Digital: HDMI, DisplayPort
USB Standard		USB3.2 Gen 1 (5Gbps, DC5V, 900mA)
Number of USB Ports		1 Upstream : Series B
Connector shape		2 Downstream : Series A
Headphone Connector* ²		ø 3.5mm mini jack (Stereo)
Speakers		2W × 2 (Stereo speakers)
Maximum Screen Size		527.04mm W × 296.46mm H / 20.7" W × 11.7" H
Power Source		100-240VAC, 50/60Hz, 1.5A
Power Consumption* ³		17W typical, Standby mode: 1.5W maximum, Off mode: 0.3W maximum
Dimensions / Net Weight		540.0 × 373.0 - 111.0 × 241.0mm / 21.3 × 14.7 - 4.4 × 9.5" (W×H×D) 5.4kg / 11.9lbs
Tilt Angle		Upward: 90 degrees Downward: 5 degrees
Environmental Considerations		Operating: Temperature 5 to 35°C / 41 to 95°F Humidity 10 to 85% (No condensation) Storage: Temperature -20 to 60°C / -4 to 140°F Humidity 10 to 90% (No condensation)
EPEAT Bronze		Visit www.epeat.net for the registration status in your country
Approvals		TCO Certified, CE, UKCA, EAC

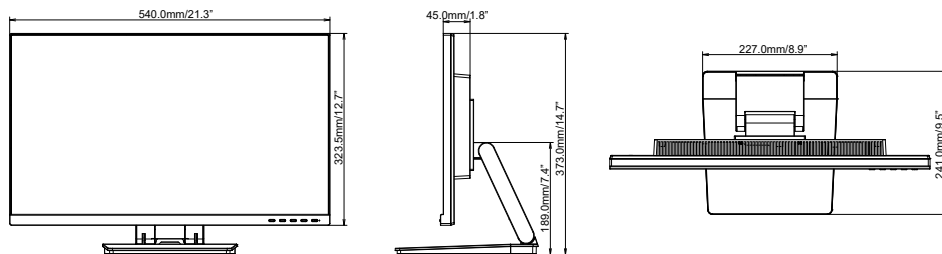
NOTE

*¹ When OverDrive is set to +2.

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

*³ When the USB devices are not connected.

DIMENSIONS



COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock
640 × 480	31.469kHz	59.940Hz	25.175MHz
	37.500kHz	75.000Hz	31.500MHz
800 × 600	35.156kHz	56.250Hz	36.000MHz
	37.879kHz	60.317Hz	40.000MHz
	46.875kHz	75.000Hz	49.500MHz
1024 × 768	48.363kHz	60.004Hz	65.000MHz
	56.476kHz	70.069Hz	75.000MHz
	60.023kHz	75.029Hz	78.750MHz
1280 × 1024	63.981kHz	60.020Hz	108.000MHz
	79.976kHz	75.025Hz	135.000MHz
1440 × 900	55.935kHz	59.887Hz	106.500MHz
1680 × 1050	65.290kHz	59.954Hz	146.250MHz
1920 × 1080	67.500kHz	60.000Hz	148.500MHz
	83.890kHz	74.970Hz	174.500MHz