# USER MANUAL

ProLite

## LCD Monitor

ENGLISH

ProLite T1532MSC
ProLite T1732MSC
ProLite T1932MSC

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

# iiyama | Servicecard

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

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

**To report a fault, please contact your local support centre found at 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.

## 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.

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

Model No. : PLT1532M / PLT1732M / PLT1932M

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
  T1532MSC-B2S : 2596674, T1532MSC-B2SAG : 2596677
  T1732MSC-B2S : 2604060, T1732MSC-B2SAG : 2604079
  T1932MSC-B2S : 2611097, T1932MSC-B2SAG : 2611098, T1932MSC-W2SAG : 2611099

ENGLISH

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# FOR YOUR SAFETY

## SAFETY PRECAUTIONS

### WARNING

#### STOP OPERATING THE MONITOR WHEN YOU SENSE TROUBLE

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

#### NEVER REMOVE THE CABINET

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

#### DO NOT PUT ANY OBJECT INTO THE MONITOR

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

#### INSTALL THE MONITOR ON A FLAT, STABLE SURFACE

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

#### DO NOT USE THE MONITOR NEAR WATER

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

#### OPERATE UNDER THE SPECIFIED POWER SUPPLY

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

#### PROTECT THE CABLES

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

#### ADVERSE WEATHER CONDITIONS

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

## CAUTION

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

### DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION
The monitor may topple and cause injury if not suitably located. Please also ensure that you do not place any heavy objects on the monitor, and that all cables are routed such that children may not pull the cables and possibly cause injury.

### 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.

## OTHERS

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

## SPECIAL NOTES ON LCD MONITORS

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

**NOTE**

- When you first turn on the LCD monitor, the picture may not fit in the display area because of the type of computer that is used. In this case, adjust the picture position to the correct position.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the Power Switch for hours.
- Contact your dealer or iiyama service center for the backlight replacement when the screen is dark, flickering or not lighting up. Never attempt to replace it by yourself.



## CUSTOMER SERVICE

**NOTE**

- The fluorescent light used in the LCD monitor may have to be periodically replaced. For the warranty coverage on this component, please check with local iiyama service center.
- 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.

**Touch screen**

Touch screen surface may be cleaned using a soft clean cloth moistened with mild window glass commercial cleaners or 50/50 mixture of water and IPA(ISO-propyl- alcohol).

**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 1024 × 768 : ProLite T1532MSC**
- **Supports Resolutions up to 1280 × 1024 : ProLite T1732MSC / ProLite T1932MSC**
- **High Contrast 800:1 (Typical) / Brightness 300cd/m$^2$ (Typical: with Touch panel) : ProLite T1532MSC-B2S / ProLite T1532MSC-B2SAG**
- **High Contrast 1000:1 (Typical) / Brightness 225cd/m$^2$ (Typical: with Touch panel) : ProLite T1732MSC-B2S / ProLite T1932MSC-B2S**
- **High Contrast 1000:1 (Typical) / Brightness 215cd/m$^2$ (Typical: with Touch panel) : ProLite T1732MSC-B2SAG / ProLite T1932MSC-B2SAG / ProLite T1932MSC-W2SAG**
- **Digital Character Smoothing**
- **Automatic Set-up**
- **Stereo Speakers**
  **2 × 1W Stereo Speakers**
- **Standby Feature**
- **VESA Mounting Standard (100mm×100mm) Compliant**
- **Keyhole for Security Lock**
- **IP54 Standard Compliant (Only front face)**
- **Glass with AG coating :**
  **ProLite T1532MSC-B2SAG / ProLite T1732MSC-B2SAG / ProLite T1932MSC-B2SAG / ProLite T1932MSC-W2SAG**



■ **Windows8/8.1/10/11 touch environment**

Basic touch operations can be performed under Windows 8/8.1/10/11.
However, please be informed that full touch functionality and normal operational performance are not guaranteed.

## CHECKING THE CONTENTS OF THE PACKAGE

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

- Power Cable*
- HDMI Cable
- DisplayPort Cable
- USB Cable
- Audio Cable
- Stand-Neck with a screw
- Stand-Base with a screw
- Cable Cover Screw (M3x6mm 1pcs)
- 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, 0.75mm$^2$ must be used.



## SPECIAL NOTES ON TOUCH PANEL

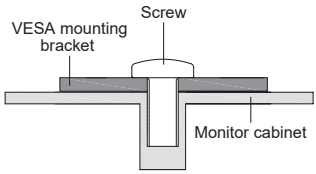
Permanent damage can occur if Sharp Edged, Pointed or Metal items are used to activate Touch. This could invalidate any remaining warranty.
We recommend to use a plastic stylus (tip R0.8 or over) or finger.

# INSTALLATION

**CAUTION** ■ Before installation, make sure the wall, ceiling or desktop arm is strong enough to hold the necessary weight of the display and the mount.

## < WALL MOUNTING >

**CAUTION** Use four M4 x 14 mm screws to fix a VESA mounting bracket to the monitor. Make sure that all screws are tightened and secured properly.
When using the wall mounting, consideration of thickness of the VESA mounting bracket needs to be taken. The thickness of the VESA mounting bracket is assumed to be approx. 2.5 mm.
Using a screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.

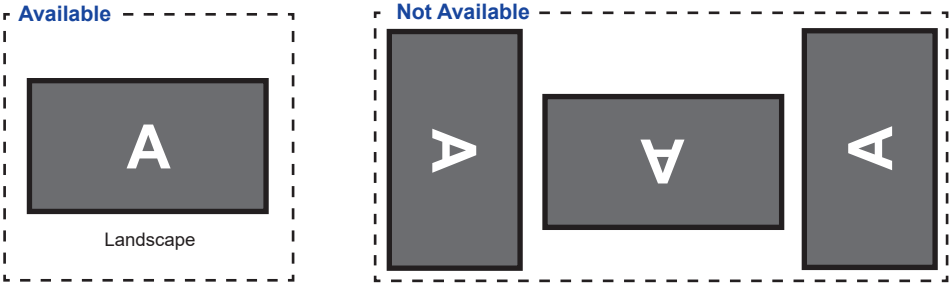



## < BUILT-IN EQUIPMENT >

**CAUTION** This product is not designed for the purpose of being used in high temperature environment.
If the product is placed in an external cabinet, you need to design cooling fans and vents to keep the temperature low enough to fit in the product temperature specification.

## < ROTATING THE MONITOR >

It is designed to be compatible in landscape mode.

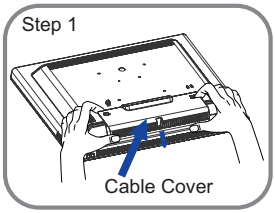


## FITTING AND REMOVAL OF STAND AND CABLE COVER

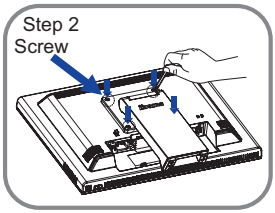
### < Fitting >

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.

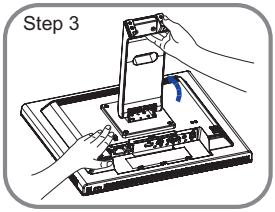
② As shown in Step1, remove the cable cover.



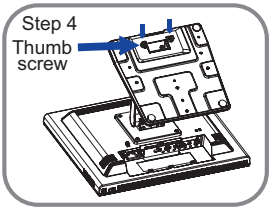

③ As shown in Step2, attach the Stand-Neck to the monitor and then tighten the 'screw' with the provided screwdriver to secure them.



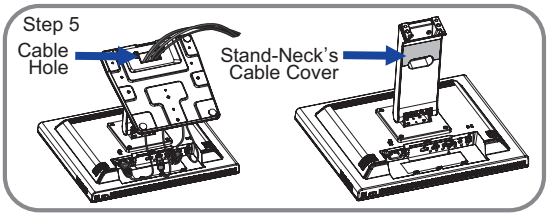

④ As shown in Step3, move the stand-neck into position.



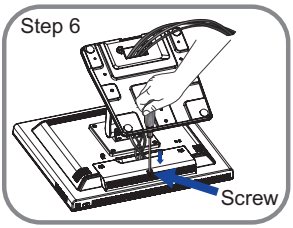

⑤ As shown in Step4, install the Stand-Base to the Stand-Neck and then tighten the 'thumb screw' to secure them.



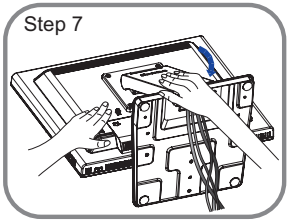

⑥ As shown in Step5, connect the cables and put those through the cable hole. Removing the stand-neck's cable cover makes it easier to pass through.



⑦ As shown in Step6, place the cable cover and then tighten the 'screw' with screwdriver to secure them.




⑧ As shown in Step7, pressing the stand back.






**< 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 Lift the stand.

③ Loosen the screw and remove the cable cover.

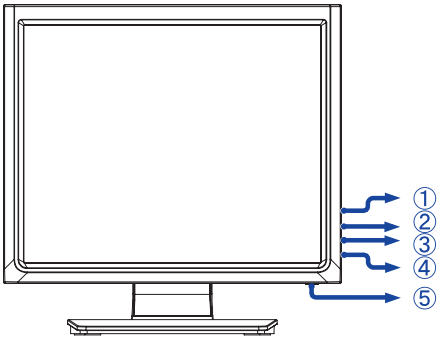
④ Remove the cables.

⑤ Loosen the 'thumb screw' to remove the Stand-Base from the stand-neck.

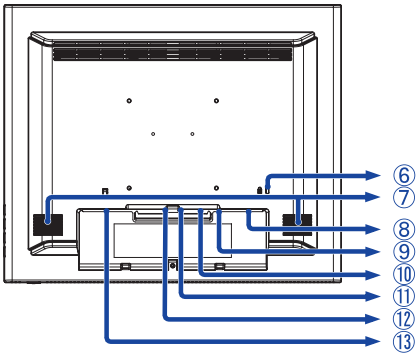
⑥ Loosen the 'screw' with screwdriver to remove the Stand-Neck from the monitor.

⑦ Place the cable cover and then tighten the 'screw' with screwdriver to secure them.

## CONTROLS AND CONNECTORS




<Front>




<Back>

① Menu Button ( )
② Scroll Up / Brightness Button ( △ )
③ Scroll Down / Mute Button ( ▽ )
④ Select Button ( )
⑤ Power Switch ( )
⑥ Keyhole for Security Lock

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

⑦ Speakers
⑧ VGA Connector (VGA)
⑨ HDMI Connector (HDMI)
⑩ DisplayPort Connector (DP)
⑪ Audio Connector (AUDIO)
⑫ USB Connector (USB)
⑬ AC Connector( ～ : Alternating current) (AC IN)

## CONNECTING YOUR MONITOR

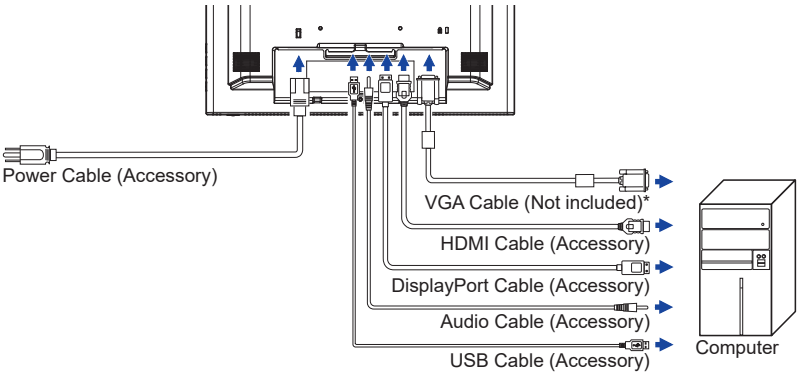
① Ensure that both the computer and the monitor are switched off.
② Connect the computer to the monitor with the signal cable.
③ Connect the computer to the monitor with the USB Cable.
④ Connect the monitor to the audio equipment with the Audio Cable for computer when using the audio features.
⑤ Connect the Power Cable to the monitor first and then to the power source.
⑥ Turn on your monitor and computer.

**NOTE**

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

[Example of Connection]

<Back>




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

## COMPUTER SETTING

■ Signal Timing

Change to the desired signal timing listed on page 31: COMPLIANT TIMING.

■ Windows XP/Vista/7/8/8.1/10 Plug & Play

The iiyama LCD monitor complies with DDC2B of VESA standard. The Plug & Play function runs on Windows XP/Vista/7/8/8.1/10 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:

https://iiyama.com

**NOTE**

■ For additional information on how to download the driver for your touch screen monitor, please access the internet site noted above.

■ 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.

■ Touch screen driver software

Touch screen driver software and system may not start when you start your computer while touching he screen.

Touch screen driver software may not run due to the power saving function depending on the BIOS of your computer. In this case, set the power saving function to off.

■ TOUCH support operation system

Microsoft Windows XP (64 bit and 32 bit)
Microsoft Windows Vista (64 bit and 32 bit)
Microsoft Windows 7 (64 bit and 32 bit)
Microsoft Windows 8 / 8.1 / 10 (64 bit and 32 bit)
Microsoft Windows CE 2.13 / 3.0, net 6.0
Mac OS X V10.4/10.5/10.6 & above
Linux (Kernel2.4, 2.6x) & above
Not support earlier versions.

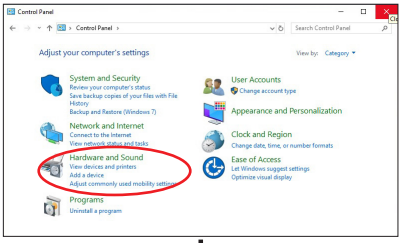
| | Windows8/8.1/10 | Windows7*5 | Windows7*4 | Vista | XP |
|---|---|---|---|---|---|
| Default mouse*1 | ○ | ○ | ○ | ○ | ○ |
| Touch digitizer*2 | ○ | ○ | ○ | ○ | × |
| Windows7 gestures*3 | ○ | ○ | × | × | × |

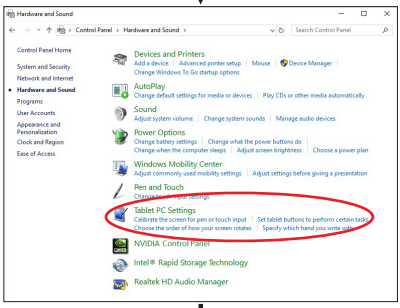
| | 2K | Windows CE | XP Embedded | Mac OS X | Linux |
|---|---|---|---|---|---|
| Default mouse*1 | ○ | ○ | ○ | ○ | ○ |
| Touch digitizer*2 | × | × | × | × | × |
| Windows7 gestures*3 | × | × | × | × | × |

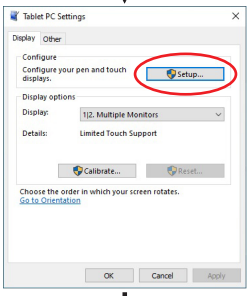
*1 Default mouse (click, drag, double-click and right-click)
*2 Touch digitizer (click, drag /selection, double-click, right-click, flick and visual feedback)
*3 Digitizer with Windows7 touch gestures
*4 Windows 7 - Starter and Home Basic version
*5 Windows 7 - Home Premium, Professional, Enterprise and Ultimate versions

■ Touch Input Settings in Dual Screen Mode

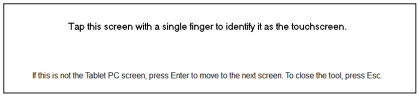
① Connect the primary monitor to the computer first.
Set Control Panel > Hardware and Sound > Tablet PC Settings > Display > Setup.




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.

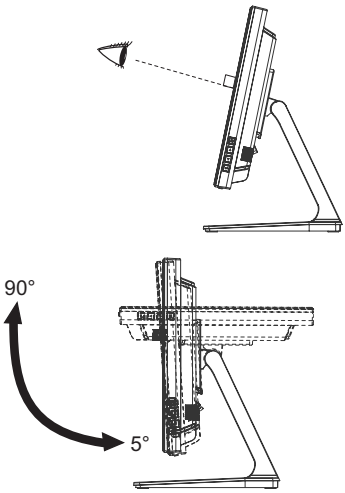
**NOTE** The monitors are recognized as dual-display, and touch operation cannot be performed on two monitors at the same time.
You can perform touch operation on only one of the monitors.

## ADJUSTING THE VIEWING ANGLE

- For optimal viewing it is recommended to look at the full face of the monitor.
- Hold the panel so that the monitor does not topple when you change the monitor's angle.
- You are able to adjust the monitor's angle up to 90 degrees upward, 5 degrees downward.

**NOTE**

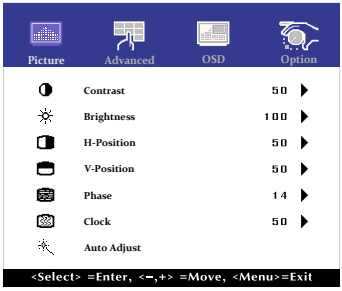
- Do not touch the LCD screen when you change the angle. It may cause damage or break the LCD screen.
- Careful attention is required not to pinch your fingers or hands into the moving part of the stand when you change the angle.



# 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 31. You are also able to adjust the picture by following the button operation shown below. For more detailed adjustments, see page 21 for SCREEN ADJUSTMENTS.

① **Press the ▤ Button to start the On Screen Display feature. There are additional Menu items which can be switched by using the △ / ▽ Buttons.**

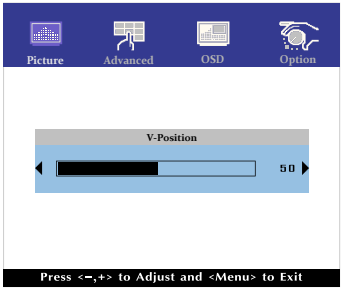



② **Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Use the ⏎ Button to highlight the desired adjustment icon.**

③ **Use the △ / ▽ Buttons to make the appropriate adjustment or setting.**

④ **Press the ▤ Button to leave the menu, and the settings you just made would be automatically saved.**

For example, to correct for vertical position, select Menu item of Picture. Then, select V-Position by using the ⏎ Button.
Use the △ / ▽ Buttons to change the vertical position settings. The vertical position of the overall display should be changing accordingly while you are doing this.




Press the ▤ 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 Timeout has passed.
- ▤ button can be used to return previous menu item.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- Adjustments for H/V-Position, Clock and Phase are saved for each signal timing. Except for these adjustments, all other adjustments have only one setting which applies to all signal timings.

## Direct

- LOCK MODE:

  Simultaneously press the ☰ button and the ▽ button when an image is displayed through VGA, HDMI or DisplayPort.

  * The OSD menu is not displayed when the OSD is locked. Press the ☰ button and the ▽ button simultaneously again.

  The following OSD menu is displayed.

| Adjustment Item | Problem / Option | |
|---|---|---|
| POWER | Active | The POWER SWITCH is Locked. |
| | Inactive | The POWER SWITCH is Unlocked. |
| OSD | Active | The OSD menu is Locked. |
| | Inactive | The OSD menu is Unlocked. |

**NOTE** When the lock function is enabled and there is no signal (standby mode), pressing the menu button displays the input selection menu and enables input selection.

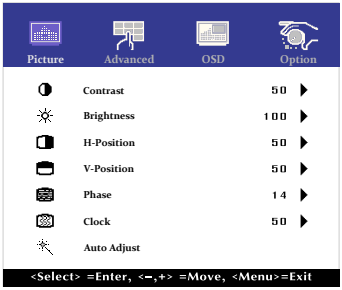
- TOUCH FUNCTION DISABLE:

  ON: Pressing and holding of the ☰ Button and the ↵ Button at the same time when the Menu is not displayed, massage "TOUCH DISABLE" will appear on the top right corner.

  OFF: Pressing and holding of the ☰ Button and the ↵ Button at the same time for about 5 seconds when the Menu is not displayed, till "TOUCH DISABLE" disappears.

# ADJUSTMENT MENU CONTENTS

## Picture




| Adjustment Item | Problem / Option | Button to Press |
|---|---|---|
| Contrast | Too dull<br>Too intense | △<br>▽ |
| Brightness*1 **Direct** | Too dark<br>Too bright | △<br>▽ |
| H-Position*4 | Too left<br>Too right | △<br>▽ |
| V-Position*4 | Too low<br>Too high | △<br>▽ |
| Phase*2,4 | To correct flickering text or lines | △<br>▽ |
| Clock*2,4 | Too narrow<br>Too wide | △<br>▽ |
| Auto Adjust*3,4 | Adjust H/V-Position, Clock and Phase automatically. | |

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

*2 See page 21 for SCREEN ADJUSTMENTS.

*3 For best results, use the Auto Adjust in conjunction with the adjustment pattern. See page 21 for SCREEN ADJUSTMENTS.

*4 Only Analog Input.

## Direct

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

- Brightness: Press the △ Button when the Menu is not displayed.

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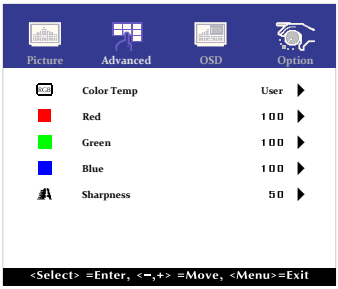
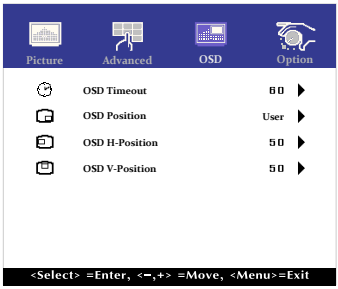
## Advanced



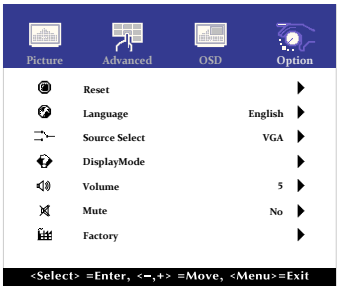

| Adjustment Item | Problem / Option | | | Button to Press |
|---|---|---|---|---|
| Color Temp | 5500 | Greenish white | | |
| | 6500 | Reddish white | | |
| | 7500 | Yellowish white | | |
| | 9300 | Bluish white | | |
| | User | Red | Too weak<br>Too strong | ☚ △<br>☚ ▽ |
| | | Green | | |
| | | Blue | | |
| Sharpness | You can change the picture quality from 0 to 100 (soft to sharp).<br>Press the △ Button to change the picture quality in numerical order. Press the ▽ Button to change the picture quality in reverse numerical order.<br>Adjust the picture quality at resolutions of less 1024 x 768(ProLite T1532MSC),1280 x 1024(ProLite T1732MSC/ProLite T1932MSC). You can change the picture quality. | | | ☚ △<br>☚ ▽ |

## OSD




| Adjustment Item | Problem / Option | Button to Press |
|---|---|---|
| OSD Timeout | You can set the OSD display duration time between 5 and 60 seconds. | |
| OSD Position | You can set the OSD position.<br>User (Upper left / Lower left / Upper right / Lower right / Center) | |
| OSD H-Position | OSD is too left<br>OSD is too right | |
| OSD V-Position | OSD is too low<br>OSD is too high | |

## Option




| Adjustment Item | Problem / Option | | | | Button to Press |
|---|---|---|---|---|---|
| Reset | No | Return to Menu. | | | |
| | Yes | Factory-preset data is restored. | | | |
| Language | English | English | Español | Spanish | |
| | Français | French | 日本語 | Japanese | |
| | Deutsch | German | 繁中 | Traditional Chinese | |
| | Italiano | Italian | 简中 | Simplified Chinese | |
| Source Select **Direct** | Auto | Search for an available input source and select automatically. | | | |
| | VGA | Select the analog input. | | | |
| | HDMI | Select the digital(HDMI) input. | | | |
| | DP | Select the digital(DisplayPort) input. | | | |

**NOTE** However it will automatically be selected when just one source is using.
In Standby Mode input switching is disabled.
Input source is fixed, not selected automatically when VGA, HDMI and DisplayPort which are selected.

| | | |
|---|---|---|
| Display Mode | Displays information regarding the current input signal coming from the graphic card in your computer.<br>**NOTE**<br>See your graphic card user guide for more information about changing the resolution and refresh. | |
| Volume | Too soft<br>Too loud | ☛ △<br>☛ ▽ |
| Mute **Direct** | No | Return the sound volume to the previous level. |
| | Yes | Turn off the sound temporarily. |
| Factory | This function is for service personnel only and therefore the operation is not available. | |

**Direct** You can skip the Menu items and directly display an option setting screen by using the following button operations.

- Source Select : Pressing the ⏎ Button during standby mode, the Source selected menu will be displayed.
- Mute : Press the ▽ Button when the Menu is not displayed.

## SCREEN ADJUSTMENTS

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

- The screen adjustments described in this manual are designed to set image position and minimize flicker or blur for the particular computer in use.
- ProLite T1532MSC is designed to provide the best performance at resolution of 1024 × 768, but can not provide the best at resolutions of less than 1024 × 768 because the picture is automatically stretched to fit the full screen. It is recommended to operate at resolution of 1024 × 768 in normal use.
- ProLite T1732MSC and ProLite T1932MSC are designed to provide the best performance at resolution of 1280 × 1024, but can not provide the best at resolutions of less than 1280 × 1024 because the picture is automatically stretched to fit the full screen. It is recommended to operate at resolution of 1280 × 1024 in normal use.
- Displayed text or lines will be blurred or irregular in thickness when the picture is stretched due to the screen enlargement process.
- It is preferable to adjust the image position and frequency with the monitor controls, rather than the computer software or utilities.
- Perform adjustments after a warm-up period of at least thirty minutes.
- Additional adjustments may be required after the Auto Adjust depending on the resolution or signal timing.
- The Auto Adjust may not work correctly when displaying the picture other than the screen adjustment pattern. In this case, manual adjustments are required.

There are two ways to adjust the screen. One way is automatic adjustment for H/V-POSITION, CLOCK and PHASE. The other way is performing each adjustment manually.
Perform the Auto Adjust first when the monitor is connected to a new computer, or resolution is changed. If the screen has a flicker or blur, or the picture does not fit in the display area after performing the Auto Adjust, manual adjustments are required. Both adjustments should be made by using the screen adjustment pattern (Test.bmp) obtained via the iiyama web site (https://iiyama.com).

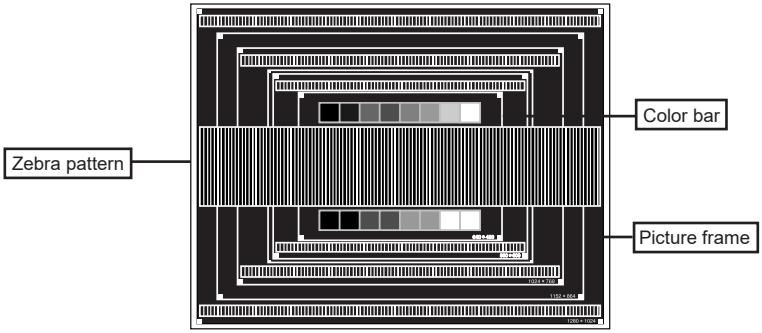
Adjust the image by following the procedure below to get the desired picture.
This manual explains adjustment under Windows® OS.

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

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

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

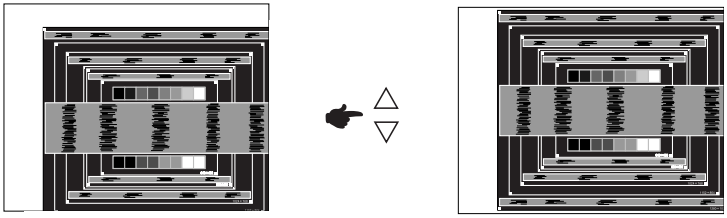
[Adjustment pattern]



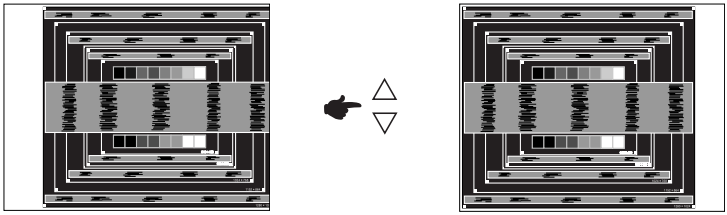
③ **Press the ⏎ Button. (AUTO ADJUST)**

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

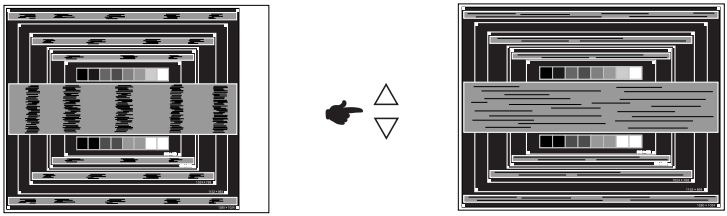
⑤ **Adjust the V-POSITION so that the top and bottom of the picture frame will fit to the display area.**



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



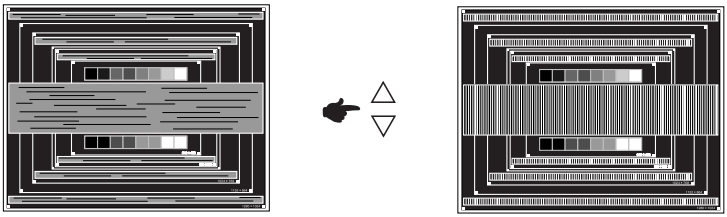
**2) Stretch the right side of the picture frame to the right edge of the display area by adjusting the CLOCK.**



**NOTE**

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

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



**NOTE**

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

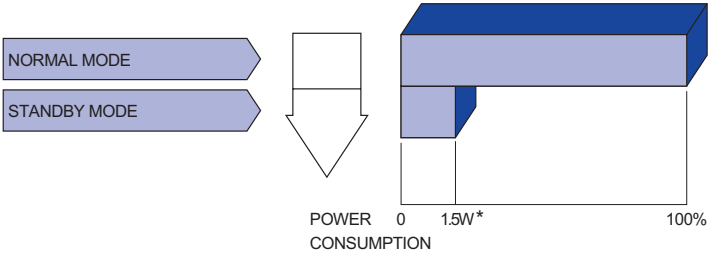
⑧ **Adjust the Brightness and Color to get the desired picture after you complete the CLOCK and PHASE adjustments.**
**Put back your favorite wallpaper.**

## STANDBY FEATURE

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

**■ Standby Mode**

When the video signal from the computer is off, the monitor enters into Standby Mode which reduces the power consumption to less than 1.5W*. The screen becomes dark. 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. | ☐ The Power Cable is firmly seated in the socket.<br>☐ The Power Switch is turned ON.<br>☐ The AC socket is live. Please check with another piece of equipment.<br>☐ If the blank screen saver is in active mode, touch the keyboard or the mouse.<br>☐ Increase the Contrast and/or Brightness.<br>☐ The computer is ON.<br>☐ The Signal Cable is properly connected.<br>☐ The signal timing of the computer is within the specification of the monitor.<br>☐ If the monitor is in standby mode, touch the keyboard or the mouse. |
| ② The screen is not synchronized. | ☐ The Signal Cable is properly connected.<br>☐ The signal timing of the computer is within the specification of the monitor. |
| ③ The screen position is not in the center. | ☐ The signal timing of the computer is within the specification of the monitor. |
| ④ The screen is too bright or too dark. | ☐ The video output level of the computer is within the specification of the monitor. |
| ⑤ The screen is shaking. | ☐ The power voltage is within the specification of the monitor.<br>☐ The signal timing of the computer is within the specification of the monitor. |
| ⑥ No sound. | ☐ The audio equipment (computer etc.) is ON.<br>☐ The Audio Cable is properly connected.<br>☐ The Volume is turned up.<br>☐ The Mute is OFF.<br>☐ 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. |
| ⑨ The touch screen shows no response. | ☐ The USB Cable is firmly seated in the socket.<br>☐ Touch screen driver software is installed. |
| ⑩ The touch position does not deviate. | ☐ The calibration function set up correctly. |

# RECYCLING INFORMATION

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

# APPENDIX

Design and specifications are subject to change without prior notice.

## SPECIFICATIONS : ProLite T1532MSC

| | | ProLite T1532MSC-B2S | ProLite T1532MSC-B2SAG |
|---|---|---|---|
| Touch Screen | Technology | Projected capacitive 10pt touch | |
| | Light transmission | 86% | |
| | Communication system | USB | |
| Size Category | | 15" | |
| LCD Panel | Panel technology | TN | |
| | Size | Diagonal: 15" (38cm) | |
| | Pixel pitch | 0.297mm H × 0.297mm V | |
| | Brightness | 350cd/m$^2$ (Typical: without Touch panel),<br>245cd/m$^2$ (Default / Energy Saving, with Touch panel) | |
| | | 300cd/m$^2$ (Typical: with Touch panel) | 300cd/m$^2$ (Typical: with Touch panel + AG coating) |
| | Contrast ratio | 800 : 1 (Typical) | |
| | Viewable angle | Horizontal : 170 degrees, Vertical: 160 degrees (Typical) | |
| | Response time | 8ms (Black, White, Black Typical) | |
| Display Colors | | Approx.16.2M | |
| Sync Frequency | | Horizontal: 31.0-60.0kHz, Vertical: 56-75Hz | |
| Native Resolution | | 1024 × 768, 0.8 MegaPixels | |
| Support max. resolution | | 1024 × 768, 75Hz | |
| Input Connector | | VGA, HDMI, DisplayPort | |
| Input Sync Signal | | Separate sync: TTL, Positive or Negative | |
| Input Video Signal | | Analog: 0.7Vp-p (Standard), 75Ω, Positive<br>Digital: HDMI, DisplayPort | |
| Input Audio Connector | | ø 3.5mm mini jack (Stereo) | |
| Input Audio Signal | | 1.0Vrms maximum | |
| Speakers | | 1W × 2 (Stereo speakers) | |
| Maximum Screen Size | | 304.1mm W × 228.1mm H / 12.0" W × 9.0" H | |
| Power Source | | 100-240VAC, 50-60Hz, 1A | |
| Power Consumption*[1] | | 16W typical<br>Standby mode: 1.5W maximum, Off mode: 0.3W maximum | |
| Dimensions / Net Weight | | 351.0 × 306.5 × 200.0mm / 13.8 × 12.1 × 7.9" (W×H×D)<br>3.7kg / 8.2lbs | |
| Tilt Angle | | Upward: 90 degrees Downward: 5 degrees | |
| Environmental Considerations | | Operating: Temperature 0 to 40°C / 32 to 104°F<br>Humidity 20 to 80% (No condensation)<br>Storage: Temperature -20 to 60°C / -4 to 140°F<br>Humidity 10 to 90% (No condensation) | |
| Approvals | | CE, UKCA, EAC, cULus, VCCI, IP54*[2] | |

**NOTE** *[1] When the USB devices are not connected.

*[2] IP54 Standard Compliant : Only front face

ENGLISH

## SPECIFICATIONS : ProLite T1732MSC

| | | ProLite T1732MSC-B2S | ProLite T1732MSC-B2SAG |
|---|---|---|---|
| Touch Screen | Technology | Projected capacitive 10pt touch | |
| | Light transmission | 90% | 85% |
| | Communication system | USB | |
| Size Category | | 17" | |
| LCD Panel | Panel technology | TN | |
| | Size | Diagonal: 17" (43cm) | |
| | Pixel pitch | 0.264mm H × 0.264mm V | |
| | Brightness | 250cd/m$^2$ (Typical: without Touch panel),<br>175cd/m$^2$ (Default / Energy Saving, with Touch panel) | |
| | | 225cd/m$^2$ (Typical: with Touch panel) | 215cd/m$^2$ (Typical: with Touch panel + AG coating) |
| | Contrast ratio | 1000 : 1 (Typical) | |
| | Viewable angle | Horizontal : 170 degrees, Vertical: 160 degrees (Typical) | |
| | Response time | 5ms (Black, White, Black Typical) | |
| Display Colors | | Approx.16.7M | |
| Sync Frequency | | Horizontal: 31.0-80.0kHz, Vertical: 50-75Hz | |
| Native Resolution | | 1280 × 1024, 1.3 MegaPixels | |
| Support max. resolution | | 1280 × 1024, 75Hz | |
| Input Connector | | VGA, HDMI, DisplayPort | |
| Input Sync Signal | | Separate sync: TTL, Positive or Negative | |
| Input Video Signal | | Analog: 0.7Vp-p (Standard), 75Ω, Positive<br>Digital: HDMI, DisplayPort | |
| Input Audio Connector | | ø 3.5mm mini jack (Stereo) | |
| Input Audio Signal | | 1.0Vrms maximum | |
| Speakers | | 1W × 2 (Stereo speakers) | |
| Maximum Screen Size | | 337.920mm W × 270.336mm H / 13.3" W × 10.6" H | |
| Power Source | | 100-240VAC, 50-60Hz, 1A | |
| Power Consumption*1 | | 20W typical<br>Standby mode: 1.5W maximum, Off mode: 0.3W maximum | |
| Dimensions / Net Weight | | 387.0 × 378.0 × 239.5mm / 15.2 × 14.9 × 9.4" (W×H×D)<br>4.9kg / 10.8lbs | |
| Tilt Angle | | Upward: 90 degrees Downward: 5 degrees | |
| Environmental Considerations | | Operating: Temperature 0 to 40°C / 32 to 104°F<br>Humidity 20 to 80% (No condensation)<br>Storage: Temperature -20 to 60°C / -4 to 140°F<br>Humidity 10 to 90% (No condensation) | |
| Approvals | | CE, UKCA, EAC, cULus, VCCI, IP54*2 | |

**NOTE** *1 When the USB devices are not connected.
*2 IP54 Standard Compliant : Only front face

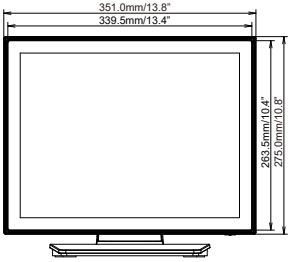
## SPECIFICATIONS : ProLite T1932MSC

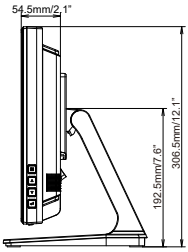
| | | ProLite T1932MSC-B2S | ProLite T1932MSC-B2SAG / ProLite T1932MSC-W2SAG |
|---|---|---|---|
| Touch Screen | Technology | Projected capacitive 10pt touch | |
| | Light transmission | 90% | 85% |
| | Communication system | USB | |
| Size Category | | 19" | |
| LCD Panel | Panel technology | IPS | |
| | Size | Diagonal: 19" (48cm) | |
| | Pixel pitch | 0.2928mm H × 0.2928mm V | |
| | Brightness | 250cd/m$^2$ (Typical: without Touch panel),<br>175cd/m$^2$ (Default / Energy Saving, with Touch panel) | |
| | | 225cd/m$^2$ (Typical: with Touch panel) | 215cd/m$^2$ (Typical: with Touch panel + AG coating) |
| | Contrast ratio | 1000 : 1 (Typical) | |
| | Viewable angle | Horizontal : 178 degrees, Vertical: 178 degrees (Typical) | |
| | Response time | 14ms (Gray to Gray Typical) | |
| Display Colors | | Approx.16.7M | |
| Sync Frequency | | Horizontal: 31.0-80.0kHz, Vertical: 50-75Hz | |
| Native Resolution | | 1280 × 1024, 1.3 MegaPixels | |
| Support max. resolution | | 1280 × 1024, 75Hz | |
| Input Connector | | VGA, HDMI, DisplayPort | |
| Input Sync Signal | | Separate sync: TTL, Positive or Negative | |
| Input Video Signal | | Analog: 0.7Vp-p (Standard), 75Ω, Positive<br>Digital: HDMI, DisplayPort | |
| Input Audio Connector | | ø 3.5mm mini jack (Stereo) | |
| Input Audio Signal | | 1.0Vrms maximum | |
| Speakers | | 1W × 2 (Stereo speakers) | |
| Maximum Screen Size | | 374.78mm W × 299.83mm H / 14.7" W × 11.8" H | |
| Power Source | | 100-240VAC, 50-60Hz, 1A | |
| Power Consumption*[1] | | 20W typical<br>Standby mode: 1.5W maximum, Off mode: 0.3W maximum | |
| Dimensions / Net Weight | | 432.0 × 413.5 × 239.5mm / 17.0 × 16.3 × 9.4" (W×H×D)<br>5.4kg / 11.8lbs | |
| Tilt Angle | | Upward: 90 degrees Downward: 5 degrees | |
| Environmental Considerations | | Operating: Temperature 0 to 40°C / 32 to 104°F<br>Humidity 20 to 80% (No condensation)<br>Storage: Temperature -20 to 60°C / -4 to 140°F<br>Humidity 10 to 90% (No condensation) | |
| Approvals | | CE, UKCA, EAC, cULus, IP54*[2] | |

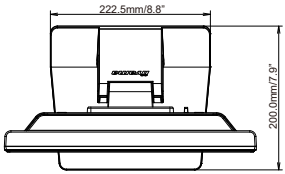
**NOTE** *[1] When the USB devices are not connected.
*[2] IP54 Standard Compliant : Only front face

ENGLISH

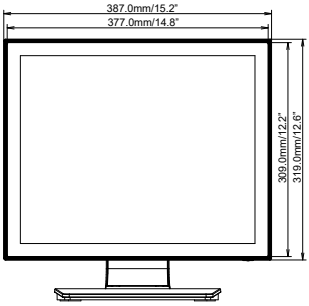
## DIMENSIONS : ProLite T1532MSC

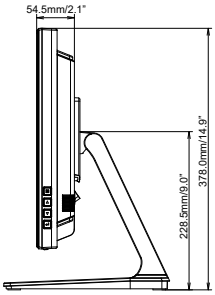


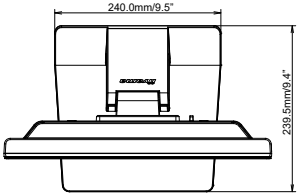



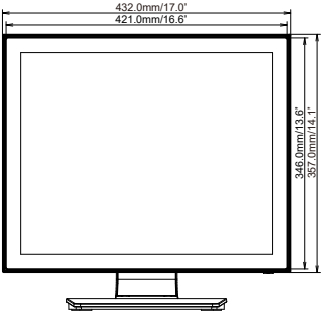

## DIMENSIONS : ProLite T1732MSC

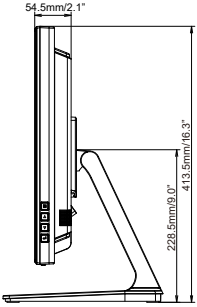


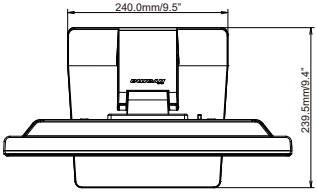




## DIMENSIONS : ProLite T1932MSC



## COMPLIANT TIMING

| Video Mode | Horizontal Frequency | Vertical Frequency | Dot Clock | |
|---|---|---|---|---|
| 640 × 480 | 31.469kHz | 59.940Hz | 25.175MHz | |
| | 37.500kHz | 75.000Hz | 31.500MHz | * |
| | 37.861kHz | 72.809Hz | 31.500MHz | * |
| 800 × 600 | 35.156kHz | 56.250Hz | 36.000MHz | |
| | 37.879kHz | 60.317Hz | 40.000MHz | |
| | 46.875kHz | 75.000Hz | 49.500MHz | * |
| | 48.077kHz | 72.188Hz | 50.000MHz | * |
| 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 | * |

**NOTE**

* Not compliant to ProLite T1532MSC.