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.
CE MARKING DECLARATION OF CONFORMITY


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

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

Model No. : PLT3238, PLT4338

We recommend recycling of used product. Please contact your dealer or iiyama service center. Recycle information is obtained via the Internet, using the address: http://www.iiyama.com
You can access the Web page of different countries from there.

- We reserve the right to change specifications without notice.
- All trademarks used in this user manual are the property of their respective owners.
# TABLE OF CONTENTS

FOR YOUR SAFETY ............................................................................1
SAFETY PRECAUTIONS ................................................................1
SPECIAL NOTES ON LCD MONITORS .........................................3
CUSTOMER SERVICE ...................................................................5
CLEANING ......................................................................................5
BEFORE YOU OPERATE THE MONITOR ..........................................6
FEATURES ......................................................................................6
CHECKING THE CONTENTS OF THE PACKAGE ................................6
UNPACKING ...................................................................................7
SPECIAL NOTES ON ......................................................................7
CONTROLS AND CONNECTORS : MONITOR ..............................8
INSTALLATION ................................................................................10
CONTROLS AND CONNECTORS : REMOTE CONTROL ...........12
PREPARING THE REMOTE CONTROL .............................................13
BASIC OPERATION ......................................................................14
CONNECTING YOUR MONITOR .................................................17
COMPUTER SETTING ................................................................19
OPERATING THE MONITOR .............................................................21
ADJUSTMENT MENU CONTENTS ..................................................23
SCREEN ADJUSTMENTS ...............................................................28
POWER MANAGEMENT FEATURE .............................................31
TROUBLE SHOOTING .....................................................................32
RECYCLING INFORMATION ............................................................33
APPENDIX ........................................................................................34
SPECIFICATIONS : ProLite TF3238MSC .....................................34
SPECIFICATIONS : ProLite TF4338MSC .....................................35
DIMENSIONS : ProLite TF3238MSC ............................................36
DIMENSIONS : ProLite TF4338MSC ............................................36
COMPLIANT TIMING ....................................................................37
FOR YOUR SAFETY

SAFETY PRECAUTIONS

WARNING

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

NEVER REMOVE THE CABINET
High voltage circuits are inside the monitor. Removing the cabinet may expose you to the danger of fire or electric shock.

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

INSTALL THE MONITOR ON A FLAT, STABLE SURFACE
The monitor may cause an injury if it falls or is dropped.

DO NOT USE THE MONITOR NEAR WATER
Do not use where water may be splashed or spilt onto the monitor as it may cause fire or electric shock.

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

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

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

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

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

MAINTAIN GOOD VENTILATION
Ventilation slots are provided to keep the monitor from overheating. Covering the slots may cause fire. To allow adequate air circulation, place the monitor at least 10 cm (or 4 inches) from any walls. Do not remove the tilt stand when operating the monitor. Ventilation slots on the back of the cabinet will be blocked and the monitor may overheat if the stand is removed. This may cause fire or damage. Operating the monitor on its back, side, upside down or on a carpet or any other soft material may also cause damage.

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

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

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

DO NOT TOUCH THE PLUG WITH WET HANDS
Pulling or inserting the plug with wet hands may cause electric shock.

WHEN YOU INSTALL THE MONITOR ON YOUR COMPUTER
Be sure the computer is strong enough to hold the weight of the monitor, otherwise, you may damage your computer.

OTHERS

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

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

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

- This LCD cannot be used outdoors.
- If you use a cable longer than the supplied one, the picture quality is not guaranteed. Touch function can be disrupted if the USB cable length exceeds 3m.
**USAGE CONFIRMATION**

This product is designed for optimum usage at 24hours per day. The display is compatible for usage in Landscape/Portrait and Tabletop (face-up) applications. If being used in Tabletop application, please utilise the Fan-on function.

**IMAGE PERSISTENCE / IMAGE STICKING**

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

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

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

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

**FOR EXTENDED USE AS A PUBLIC DISPLAY**

- **Image Sticking on LCD Panel**
  When a static image is displayed for hours, an electric charge trace remains near the electrode inside the LCD producing a “ghost” image. (Image Persistence).

  Image Persistence is not a permanent feature.

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

WARNING
- If you drop any materials or liquids such as water into the monitor when cleaning, unplug the power cable immediately and contact your dealer or iiyama service center.

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

NOTE
- To protect the LCD panel, do not scratch or rub the screen with a hard object.
- Never use any of the following strong solvents. These will damage the cabinet and the LCD screen.
  - Thinner
  - Benzine
  - Abrasive cleaner
  - Spray-type cleaner
  - Wax
  - Acid or Alkaline solvent
- Touching the cabinet with any product made from rubber or plastic for a long time may cause degeneration or loss of paint on the cabinet.

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

LCD
Periodic cleaning with a soft dry cloth is recommended.

SCREEN
Don't use tissue paper etc. because these will damage the LCD screen.
BEFORE YOU OPERATE THE MONITOR

FEATURES

◆ Supports Resolutions up to 1920 × 1080
◆ High Contrast 3000:1 (Typical) / Brightness 500cd/m² (Typical: without Touch panel) : ProLite TF3238MSC
◆ High Contrast 1100:1 (Typical) / Brightness 450cd/m² (Typical: without Touch panel) : ProLite TF4338MSC
◆ Digital Character Smoothing
◆ Automatic Set-up
◆ Stereo Speakers
  2 × 8W Stereo Speakers
◆ Plug & Play VESA DDC2B Compliant
  Windows® 7/8/8.1/10 Compliant
◆ Power Management (VESA DPMS Compliant)
◆ VESA Mounting Standard (400mm×200mm) Compliant
◆ Glass with AG coating

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*
▪ USB Cable
▪ Battery (2pcs)
▪ Quick Start Guide
▪ HDMI Cable
▪ IR Extender Cable
▪ Clamper
▪ DisplayPort Cable
▪ Remote Control
▪ Safety Guide

CAUTION

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

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

2. Remove the carton holders.

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

**CAUTION**

Moving the monitor requires at least two people. If not, it may drop and could result in a serious injury. When moving/shipping the monitor, please hold by the carton holders.

**SPECIAL NOTES ON**

**CAUTION**

Permanent damage can occur if Sharp Edged, Pointed or Metal items are used to activate Touch. This could invalidate any remaining warranty.

We recommend you use a plastic stylus (tip R0.8 or over) or finger.
# Controls and Connectors: Monitor

## <Back Controller>

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Color</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power Indicator</td>
<td>Green</td>
<td>Normal Operation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Orange</td>
<td>Power Management</td>
</tr>
<tr>
<td>2</td>
<td>Power Button</td>
<td></td>
<td>Power Button</td>
</tr>
<tr>
<td>3</td>
<td>Left / - Button</td>
<td></td>
<td>Left / - Button</td>
</tr>
<tr>
<td>4</td>
<td>Right / + Button</td>
<td></td>
<td>Right / + Button</td>
</tr>
<tr>
<td>5</td>
<td>Up Button</td>
<td></td>
<td>Up Button</td>
</tr>
<tr>
<td>6</td>
<td>Down Button</td>
<td></td>
<td>Down Button</td>
</tr>
<tr>
<td>7</td>
<td>MENU</td>
<td></td>
<td>Menu Button</td>
</tr>
<tr>
<td>8</td>
<td>ENTER/VIDEO SOURCE</td>
<td></td>
<td>Enter / Input Select Button</td>
</tr>
</tbody>
</table>

## <Front>

![Front Controller](image)
<table>
<thead>
<tr>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
<th>21</th>
<th>22</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR Sensor</td>
<td>HDMI</td>
<td>HDMI1</td>
<td>HDMI2</td>
<td>DVI</td>
<td>DVI-D</td>
<td>DP</td>
<td>DisplayPort</td>
<td>D-sub</td>
<td>VGA</td>
<td>RS232C</td>
<td>RS232C 9pin</td>
<td>USB</td>
<td>USB Touch</td>
</tr>
<tr>
<td>Remote Sensor</td>
<td>HDMI Connector</td>
<td>HDMI Connector</td>
<td>DVI-D Connector</td>
<td>DisplayPort Connector</td>
<td>VGA Connector</td>
<td>RS232C Connector</td>
<td>USB Connector</td>
<td>IR Connector</td>
<td>Audio Input Connector</td>
<td>Headphone connector</td>
<td>RJ45 Connector</td>
<td>AC Connector(~: Alternating current) (AC-IN)</td>
<td></td>
</tr>
</tbody>
</table>
| | | | | | | | | | | | | |}

- **IR Sensor**: Remote Sensor
- **HDMI**: HDMI Connector
- **HDMI1**: HDMI Connector
- **HDMI2**: HDMI Connector
- **DVI**: DVI-D Connector
- **DVI-D**: DVI-D Connector
- **DP**: DisplayPort Connector
- **DisplayPort**: DisplayPort Connector
- **D-sub**: VGA Connector
- **VGA**: VGA Connector
- **RS232C**: RS232C Connector
- **RS232C 9pin**: RS232C Connector
- **USB**: USB Connector
- **USB Touch**: USB Connector
- **External IR**: Mini jack IR Connector
- **Mini jack**: IR Connector
- **Line In**: Mini Jack Audio Input Connector
- **Mini Jack**: Audio Input Connector
- **Line Out**: Mini Jack Headphone connector
- **Mini Jack**: Headphone connector
- **RJ45**: RJ45 Connector
- **RJ45**: RJ45 Connector
- **AC SWITCH**: Main Power Switch
- **(ON) / (OFF)**: Main Power Switch
- **AC IN**: AC Connector( ~ : Alternating current) (AC-IN)
- **AC-INLET**: AC Connector( ~ : Alternating current) (AC-IN)
- **SPEAKERS**: Speakers
INSTALLATION

CAUTION

- Follow the manual instructions for the type of mount you have selected. Refer all servicing to qualified service personnel.
- Moving the monitor requires at least two people.
- Before installing, please make sure the wall is strong enough to hold the necessary weight of the display and the mount.

[WALL MOUNTING]

When using the wall mounting, consideration of thickness of the mounting stage needs to be taken. Tighten the M6 Screw with washer which “L” length is 10mm to fasten the monitor. Using a screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.

[FAN]

CAUTION

If the screen is used in face-up position, please be sure to turn on the FAN function. If you do not use the FAN, the internal temperature rises and the product life cycle may get shorter. If the screen is built into an external cabinet, please be sure to implement a cooling unit inside of the cabinet. Dirt and dust may stick to the FAN, reducing the cooling effect which may result in a shorter life cycle of the product. Please clean regularly.
[ROTATING THE DISPLAY]

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

- **ProLite TF3238MSC**

  - Available
  
  ![Landscape](Landscape.png) ![Portrait](Portrait.png)

  - Not Available

- **ProLite TF4338MSC**

  - Available
  
  ![Landscape](Landscape.png) ![Portrait](Portrait.png)

  - Not Available

BEFORE YOU OPERATE THE MONITOR 11
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>ON/OFF</strong></td>
<td>Turns the monitor ON and OFF.</td>
</tr>
<tr>
<td>2</td>
<td><strong>INPUT</strong></td>
<td>Selects the source.</td>
</tr>
<tr>
<td>3</td>
<td>Number (1-9) / Input source</td>
<td>Serve as input source buttons when the Menu is not displayed. (VGA/DVI/HDMI-1/HDMI-2/DP)</td>
</tr>
<tr>
<td>4</td>
<td>Number (7) / MODE</td>
<td>Select the Picture mode.</td>
</tr>
<tr>
<td>5</td>
<td><strong>EXIT</strong></td>
<td>Returns to a previous menu or closes the OSD Menu.</td>
</tr>
<tr>
<td>6</td>
<td>Navigates through submenus and settings. ▲: Up Button ◀: Down Button ◀: Left Button ◀: Right Button ◀ (VOLUME-): Decreases the sound volume. ◀ (VOLUME+): Increases the sound volume.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td><strong>INFO</strong></td>
<td>Provides source and resolution information.</td>
</tr>
<tr>
<td>8</td>
<td><strong>MENU</strong></td>
<td>Opens the monitor's on-screen menu systems. When the menu system is already open, pressing this button will select the previous submenu.</td>
</tr>
<tr>
<td>9</td>
<td>Number (0)/MUTE</td>
<td>Turns on or off the mute function when the Menu is not displayed.</td>
</tr>
</tbody>
</table>
To use the remote control, insert the two dry batteries.

**CAUTION**

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

1. Slide back and remove the battery cover in the direction of the arrow.

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

3. Replace the battery cover in the direction of the arrow and snap it back into place.

**NOTE**

- Replace with new batteries when the Remote Control does not work close to the monitor. Use AAA dry batteries.
- Operate the Remote Control by pointing it toward the Remote Sensor on the monitor.
- Other manufacturers remote control will not work with this monitor. Use the provided Remote Control ONLY.
- Used batteries needed to follow the local rules to be discarded. (Suggestion: to dispose of used batteries please follow correct policy as per your local regulations.)
BASIC OPERATION

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

NOTE
Even when using the power management mode or turning OFF the Power Switch, the monitor will consume a small amount of electricity. Disconnect the Power Cable from the power supply whenever the monitor is not in use or during the night, to avoid unnecessary power consumption.

Display the adjustment menu page
The menu page appears on the screen when you press the MENU Button on the monitor or the Remote Control.
The menu page disappears when you press the EXIT Button on the Remote Control again.
Move the cursor vertically
Select adjustment by pressing the ▲ / ▼ Button while the menu page is displayed on the screen.

Move the cursor horizontally
Select menu or setting, or perform the adjustment by pressing the ◀ / ► Button while the menu page is displayed on the screen.
Adjust the volume of sound
Press the ◀/▶ Button to adjust the volume of sound when the menu page is not displayed on the screen.

Switch the input signal
Press the VIDEO SOURCE Button on the monitor or INPUT Button on the Remote Control to display the Input signal menu when the menu page is not displayed on the screen. Press the ▲/▼ Button or Input source Button to switch the Input signal.
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 supply.
5. Turn on your monitor (Main Power Switch and Power Switch) and computer.

**NOTE**
- The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.
- For connection to Macintosh computers, contact your local iiyama dealer or regional iiyama office for a suitable adaptor.
- Make sure you tighten the finger screws at each end of the Signal Cable.
- When USB cable connected than wait for 5 seconds and the touch function is ready to go. It can be activated by pen, finger or any other pointer.*
- Excessive sound pressure from ear-/headphones can cause hearing damage/hearing loss.

[Example of Connection]

* Cable is not supplied with the monitor. If you use low quality 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 or DVI input.
[Network Connection ]

○ Connecting to a LAN
To set the monitor to connect to a local area network.
1. Connect a RJ45 cable to the corresponding ports on the monitor and your LAN switch or router.
2. Enter the OSD menu Setting > Control Setting. Select LAN.
3. Enter the next OSD menu Setting > Network Settings > IP Address DHCP or Manual Setup
• If you are in a DHCP environment, highlight Auto Setup and select On. Once done, the IP Address, Subnet Mask, Default Gateway, and Primary DNS settings will be displayed.
• If you are not in a DHCP environment, highlight Auto Setup and select Off. Contact your ITS administrator for information on the IP Address, Subnet Mask, Default Gateway, and Primary DNS settings and enter it accordingly.

○ Controlling the Monitor
Once you have the correct IP Address for your monitor and the monitor is on or in standby mode, you can use any computer that is on the same local area network to control the monitor.

• You can not control the monitor via the RS-232C connector when LAN control is in use.
• It is recommended that you use Google Chrome versions 51.0.2704.103 or higher browser.
1. Enter the IP Address of the monitor in the address bar of your browser and press ENTER button.
2. The setting page appears.
INFORMATION / PICTURE & SOUND / SCREEN / SETTING / SCHEDULE / NETWORK

Network Control

INFORMATION PICTURE & SOUND SCREEN SETTING SCHEDULE NETWORK

Information

Display
Model Name: RX-32
Serial Number: D6DM6YXXXXXPP9

Status
Power Status: Power On
Video Source: DVI

Network
IP Address: 192.168.1.202
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1
Primary DNS: 192.168.1.1
Secondary DNS: 0.0.0
MAC Address: 44.37.E5.64.04.50

Other Information
Scaler FW Version: 1.04
Lan FW Version: 1.05 Rev:6
Operation Time: 00000122 H
COMPUTER SETTING

- Signal Timing
  Change to the desired signal timing listed on page 37: 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:
  
  http://www.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.
**MULTI-TOUCH:**

This monitor complies with DDC2B of VESA standard. (Plug&play compliant)
The MULTI-TOUCH function runs on Windows7/8/8.1/10 by connecting the monitor to DDC2B compliant computer with the USB cable supplied.

**TOUCH support operation system:**

<table>
<thead>
<tr>
<th>OS Version (Windows)</th>
<th>Supported touches</th>
<th>Windows</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Win 10</td>
</tr>
<tr>
<td>Note</td>
<td></td>
<td>multi-touch</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OS Version (Linux Distribution)</th>
<th>Supported touches</th>
<th>Supported Kernel version</th>
<th>Linux</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note</td>
<td>Driver supports multi-touch</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OS Version (Mac OS)</th>
<th>Supported touches</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>single-touch</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Similar to Apple Trackpad gesture: 2-finger gesture: zoom in/out, swipe 4-finger gesture: show desktop</td>
</tr>
<tr>
<td>Similar to Apple Trackpad gesture: 2-finger gesture: zoom in/out, swipe 4-finger gesture: show desktop</td>
</tr>
<tr>
<td>Similar to Apple Trackpad gesture: 2-finger gesture: zoom in/out, swipe 4-finger gesture: show desktop</td>
</tr>
<tr>
<td>Driver team need to help add PID/VID in driver source code.</td>
</tr>
</tbody>
</table>

Driver team need to help add PID/VID in driver source code.
To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 37. You are also able to adjust the picture by following the button operation shown below. For more detailed adjustments, see page 28 for SCREEN ADJUSTMENTS.

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

3. Press the OK button on the remote control or ENTER button on the monitor 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 vertical position, select Menu item of Screen. Select "Screen" by using the ▲ / ▼ buttons. Press the OK button on the remote control. Next, select "Adjust Screen" by using the ▲ / ▼ buttons. Press the OK button on the remote control. Then, select "V. Position" by using the ▲ / ▼ buttons. 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 EXIT button on the remote control lastly, it ends, all changes are saved in the memory.

NOTE
- The EXIT button on the remote control can be used to return previous menu item.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- Adjustments for Image Position, Clock Frequency 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.
[LOCK MODE] * Available Back Controller only.

- **Back Controller Button:**
  Pressing and holding the MENU and ▲ buttons for about 5 seconds, will lock/unlock the Back Controller Button Lock function.

- **Power Button:**
  Pressing and holding the MENU and ENTER buttons for about 5 seconds, will lock/unlock the Power Button Lock function.

- **Remote Control Button:**
  Pressing and holding the MENU and ▶ buttons for about 5 seconds, will lock/unlock the Remote Control Button Lock function.

- **PALM REJECTION FUNCTION:**
  Palm rejection is a way to disregard touch made with “a large contact area” while finger modes. A large contact area: palm, clenched fist, elbow, arm, etc. When you touch the screen with a finger, palm rejection is activated and the screen does not recognize touch made with the large contact area.
## ADJUSTMENT MENU CONTENTS

### Picture

<table>
<thead>
<tr>
<th>Adjustment Item</th>
<th>Problem / Option</th>
<th>Button to Press</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Picture Mode</strong></td>
<td>Vivid</td>
<td>For displaying outdoor scenery images.</td>
</tr>
<tr>
<td>Standard</td>
<td>For general windows environment and monitor default setting.</td>
<td></td>
</tr>
<tr>
<td>Cinema</td>
<td>For movie and video environment.</td>
<td></td>
</tr>
<tr>
<td>Custom</td>
<td>Displays a picture on a screen set by Image Settings adjustments.</td>
<td></td>
</tr>
<tr>
<td><strong>Backlight</strong></td>
<td>Brightness of back light is reduced.</td>
<td></td>
</tr>
<tr>
<td><strong>Contrast</strong></td>
<td>Too dull</td>
<td></td>
</tr>
<tr>
<td>Too intense</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>Too dark</td>
<td></td>
</tr>
<tr>
<td>Too bright</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Chroma</strong></td>
<td>Too weak</td>
<td></td>
</tr>
<tr>
<td>Too strong</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Phase</strong></td>
<td>Purplish</td>
<td></td>
</tr>
<tr>
<td>Greenish</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sharpness</strong></td>
<td>Too soft</td>
<td></td>
</tr>
<tr>
<td>Too sharp</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Color Temp.</strong></td>
<td>Cool</td>
<td></td>
</tr>
<tr>
<td>Bluish white</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neutral</td>
<td>Greenish white</td>
<td></td>
</tr>
<tr>
<td>Warm</td>
<td>Reddish white</td>
<td></td>
</tr>
<tr>
<td>Custom</td>
<td>R Too weak</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>Too strong</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Reset</strong></td>
<td>Cancel</td>
<td>Return to Menu.</td>
</tr>
<tr>
<td>OK</td>
<td>Resets all settings in the Picture menu.</td>
<td></td>
</tr>
</tbody>
</table>

*1 Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright.
*2 Only HDMI and DisplayPort inputs.
*3 Contrast, Brightness, Color Temp. and Picture Mode cannot be adjusted and selected while Adv. Contrast is active.
### Adjustment Item | Problem / Option | Button to Press
---|---|---
**Treble** | Too weak | ←
 | Too strong | →
**Bass** | Too weak | ←
 | Too strong | →
**Balance** | Left side speaker louder | ←
 | Right side speaker louder | →
**Volume** | Too soft | ←
 | Too loud | →
**Mute** | Off | Return the sound volume to the previous level.
 | On | Turn off the sound temporarily.
**Speaker** | Internal | Select the Internal Speaker.
 | Line-out | Select the External Speaker or Headphone.
**Audio Source** | Auto | Select the audio input automatically.
 | Audio-In | Select the Line-In input.
**Reset** | Cancel | Return to Menu.
 | OK | Resets all settings in the Sound Settings menu.
### Adjustment Item

<table>
<thead>
<tr>
<th>Problem / Option</th>
<th>Button to Press</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aspect</strong>&lt;sup&gt;5&lt;/sup&gt;</td>
<td><strong>Normal</strong>&lt;sup&gt;2&lt;/sup&gt;</td>
</tr>
<tr>
<td></td>
<td><strong>16:10</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
</tr>
<tr>
<td></td>
<td><strong>5:4</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
</tr>
<tr>
<td></td>
<td><strong>4:3</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
</tr>
<tr>
<td></td>
<td><strong>Real</strong>&lt;sup&gt;2&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Adjust Screen</strong>&lt;sup&gt;3&lt;/sup&gt;</th>
<th><strong>Auto Adjustment</strong>&lt;sup&gt;4&lt;/sup&gt;</th>
<th><strong>Cancel</strong></th>
<th>Return to Menu.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>OK</strong></td>
<td>Adjusts Position, Clock Frequency and Phase automatically.</td>
<td></td>
</tr>
<tr>
<td><strong>Phase</strong></td>
<td>To correct flickering text or lines</td>
<td>🚜</td>
<td>🚜</td>
</tr>
<tr>
<td><strong>Clock Frequency</strong></td>
<td><strong>Too narrow</strong></td>
<td>🚜</td>
<td>🚜</td>
</tr>
<tr>
<td></td>
<td><strong>Too wide</strong></td>
<td>🚜</td>
<td>🚜</td>
</tr>
<tr>
<td><strong>H. Position</strong></td>
<td><strong>Too far to the left</strong></td>
<td>🚜</td>
<td>🚜</td>
</tr>
<tr>
<td></td>
<td><strong>Too far to the right</strong></td>
<td>🚜</td>
<td>🚜</td>
</tr>
<tr>
<td><strong>V. Position</strong></td>
<td><strong>Too low</strong></td>
<td>🚜</td>
<td>🚜</td>
</tr>
<tr>
<td></td>
<td><strong>Too high</strong></td>
<td>🚜</td>
<td>🚜</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Touch Feature</strong></th>
<th><strong>Off</strong></th>
<th>Return to Menu.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>On</strong></td>
<td>Enable the touch function. <strong>NOTE</strong> Display wall will be disabled to optimize touch performance.</td>
</tr>
</tbody>
</table>

---

<sup>1</sup> Only HDMI(Video) and DisplayPort inputs.  
<sup>2</sup> Only VGA and HDMI(PC) inputs.  
<sup>3</sup> Only VGA input.  
<sup>4</sup> For best results, use the Auto Adjust in conjunction with the adjustment pattern. See page 28 for SCREEN ADJUSTMENTS.  
<sup>5</sup> If the Touch Feature is enabled, this feature is not available.
<table>
<thead>
<tr>
<th>Adjustment Item</th>
<th>Problem / Option</th>
<th>Button to Press</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language</td>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>Français</td>
<td>French</td>
</tr>
<tr>
<td></td>
<td>Español</td>
<td>Spanish</td>
</tr>
<tr>
<td></td>
<td>Deutsch</td>
<td>German</td>
</tr>
<tr>
<td>Schedule</td>
<td>Today *¹</td>
<td>Displays the current date and time. Year/Month/Day/Hour/Minute Time set / Date set</td>
</tr>
<tr>
<td></td>
<td>Clock Display</td>
<td>Off</td>
</tr>
<tr>
<td></td>
<td></td>
<td>On</td>
</tr>
<tr>
<td></td>
<td>On/Off Timer</td>
<td>Sets when to turn on or off the display. Off/On(Date Set/Input/On Timer/Off Timer)</td>
</tr>
<tr>
<td>Power Save *²</td>
<td>Off</td>
<td>Power Save is turned off.</td>
</tr>
<tr>
<td></td>
<td>Low</td>
<td>All input sources can activate entering the power saving mode, but only the VGA signal can deactivate it. If another input source is connected you have to press the POWER button.</td>
</tr>
<tr>
<td>Control Setting</td>
<td>Off</td>
<td>Control Setting is turned off.</td>
</tr>
<tr>
<td></td>
<td>RS-232C</td>
<td>Selects the RS-232C to control the display.</td>
</tr>
<tr>
<td></td>
<td>LAN</td>
<td>Selects this option to control the display via LAN.</td>
</tr>
<tr>
<td>Network Settings *⁶</td>
<td>DHCP</td>
<td>Cancel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Execute</td>
</tr>
<tr>
<td></td>
<td>Manual</td>
<td>If you are not connected, contact your IT administrator for information on the IP Address, Subnet mask, Default gateway, Primary DNS and Secondary DNS settings and enter them accordingly.</td>
</tr>
<tr>
<td>Advanced</td>
<td>Auto Search</td>
<td>Off</td>
</tr>
<tr>
<td></td>
<td></td>
<td>On</td>
</tr>
<tr>
<td></td>
<td>Auto Adjustment *³</td>
<td>Off</td>
</tr>
<tr>
<td></td>
<td></td>
<td>On</td>
</tr>
</tbody>
</table>
### Setting

<table>
<thead>
<tr>
<th>Adjustment Item</th>
<th>Problem / Option</th>
<th>Button to Press</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Advanced</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSD Rotation</td>
<td>Landscape</td>
<td>Landscape display</td>
</tr>
<tr>
<td></td>
<td>Portrait</td>
<td>Portrait display</td>
</tr>
<tr>
<td>OSD Info Box</td>
<td>Off</td>
<td>OSD Info Box is turned off.</td>
</tr>
<tr>
<td></td>
<td>On</td>
<td>Switching signal inputs, or changing timing, the current input source and resolution information will be displayed on the screen.</td>
</tr>
<tr>
<td>Adv. Contrast</td>
<td>Off</td>
<td>Typical Contrast Ratio</td>
</tr>
<tr>
<td></td>
<td>On</td>
<td>Increased Contrast Ratio</td>
</tr>
<tr>
<td>DP</td>
<td></td>
<td>Not available on this model.</td>
</tr>
<tr>
<td>Opening Logo</td>
<td>Off</td>
<td>iiyama Logo does not display when the monitor is turned on.</td>
</tr>
<tr>
<td></td>
<td>On</td>
<td>iiyama Logo displayed when the monitor is turned on.</td>
</tr>
<tr>
<td>Anti Image Retention</td>
<td>Dot Wash</td>
<td>Dot wash is turned off.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td>Draw a 4x4 pixel block on the screen.</td>
</tr>
<tr>
<td></td>
<td>On</td>
<td>To prevent burn-in, set the display time of all white pattern after Sleep mode with no signal. Off / 15min / 30min</td>
</tr>
<tr>
<td>Fan <strong>d</strong></td>
<td>Auto</td>
<td>The fan turns on automatically when the monitor's internal temperature reaches 60°C or higher.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td>Fan is turned off.</td>
</tr>
<tr>
<td></td>
<td>On</td>
<td>Fan is turned on.</td>
</tr>
<tr>
<td>Information</td>
<td>Model Name/Operation Time/Software Version/LAN Version/IP Address<strong>e</strong></td>
<td>See your graphic card user guide for more information about changing the resolution and refresh.</td>
</tr>
<tr>
<td>All Reset</td>
<td>Cancel</td>
<td>Return to Menu.</td>
</tr>
<tr>
<td></td>
<td>OK</td>
<td>Factory-preset data is restored.</td>
</tr>
</tbody>
</table>

---

*1 You must set this item when using "On/Off Timer".  
*2 RS-232C can bring any mode out of the power saving status.  
*3 For best results, use the Auto Adjust in conjunction with the adjustment pattern. See page 28 for SCREEN ADJUSTMENTS.  
*4 If the screen is used in face-up position, please be sure to turn on the FAN function.  
*5 IP address is displayed only when LAN is connected.  
*6 It can be used when LAN of Control Setting is selected.
The screen adjustments described in this manual are designed to set image position and minimize flicker or blur for the particular computer in use.

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

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

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

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

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

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

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

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

1. **Display the picture at the optimum resolution.**
2. **Enter the Test.bmp (screen adjustment pattern) to wallpaper.**
   
   **NOTE**
   - Consult the appropriate documentation for doing this.
   - Test.bmp is made at resolution of 1280 × 1024. Set the display position to center in the wallpaper setting dialogue box. If you use Microsoft® PLUS! 95/98 cancel the setting of “Stretch desktop wallpaper to fit the screen”.

[Adjustment pattern]
3 Adjust the Auto Adjustment.

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

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

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

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

NOTE
- When the left side of the picture frame moves apart from the left edge of the display area during the Clock Frequency adjustment, adjust steps 1) and 2).
- Another way to make the Clock Frequency adjustment is to correct the vertical wavy lines in the zebra pattern.
- The picture may flicker during the Clock Frequency, H/V-Position adjustment.
- In case the picture frame is bigger or smaller than the data display area after the Clock Frequency 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 Frequency may not be adjusted correctly. If the flicker or blurs still remain, set the refresh rate of computer to low (60Hz) and repeat steps from 3 again.
- 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 Frequency and Phase adjustments.

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

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

**Power Management Mode**

When the H-sync signal / V-sync signal / H and V sync signals from the computer are off, the monitor enters into Power Management Mode which reduces the power consumption to less than 1.0W. The screen becomes dark. From Power Management Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.

Even when using the power management mode, the monitor consumes electricity. Turn off the Power Switch whenever the monitor is not in use, during the night and weekends, to avoid unnecessary power consumption.

It is possible that the video signal from the computer may be on while the H or V sync signal is missing. In this instance, the POWER MANAGEMENT feature may not work properly.
**TROUBLE SHOOTING**

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

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

<table>
<thead>
<tr>
<th>Problem</th>
<th>Check</th>
</tr>
</thead>
</table>
| ① The picture does not appear. | □ The Power Cable is firmly seated in the socket.  
□ The Power Switch is turned ON.  
□ The AC socket is live. Please check with another piece of equipment.  
□ If the blank screen saver is in active mode, touch the keyboard or the mouse.  
□ Increase the Contrast and/or Brightness.  
□ The computer is ON.  
□ The Signal Cable is properly connected.  
□ The signal timing of the computer is within the specification of the monitor.  
□ If the monitor is in power management mode, touch the keyboard or the mouse. |
| ② The screen is not synchronized. | □ The Signal Cable is properly connected.  
□ The signal timing of the computer is within the specification of the monitor.  
□ The video output level of the computer is within the specification of the monitor. |
| ③ The screen position is not in the center. | □ The signal timing of the computer is within the specification of the monitor. |
| ④ The screen is too bright or too dark. | □ The video output level of the computer is within the specification of the monitor. |
| ⑤ The screen is shaking. | □ The power voltage is within the specification of the monitor.  
□ The signal timing of the computer is within the specification of the monitor. |
| ⑥ No sound. | □ The audio equipment (computer etc.) is ON.  
□ The Audio Cable is properly connected.  
□ The Volume is turned up.  
□ The Mute is OFF.  
□ The audio output level of the audio equipment is within the specification of the monitor. |
| ⑦ The sound is too loud or too quiet. | □ The audio output level of the audio equipment is within the specification of the monitor. |
| ⑧ A strange noise is heard. | □ The Audio Cable is properly connected. |
| ⑨ The touch screen shows no response. | □ The USB Cable is firmly seated in the socket.  
□ Touch screen driver software is installed. |
| ⑩ The touch position does not deviate. | □ The calibration function set up correctly. |
For better environment protection please don't dispose your monitor. Please visit our web site: www.iiyama.com/recycle for monitor recycling.
## APPENDIX

Design and specifications are subject to change without prior notice.

### SPECIFICATIONS : ProLite TF3238MSC

<table>
<thead>
<tr>
<th>Touch Screen</th>
<th>Technology</th>
<th>Projected capacitive 12points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Light transmission</td>
<td>84%</td>
</tr>
<tr>
<td></td>
<td>Hardness</td>
<td>7H</td>
</tr>
<tr>
<td></td>
<td>Thickness</td>
<td>3mm</td>
</tr>
<tr>
<td></td>
<td>Communication system</td>
<td>USB serial transfer</td>
</tr>
<tr>
<td>Size Category</td>
<td></td>
<td>32&quot;</td>
</tr>
<tr>
<td>LCD Panel</td>
<td>Panel technology</td>
<td>RGB</td>
</tr>
<tr>
<td></td>
<td>Size</td>
<td>Diagonal: 32&quot; (80cm)</td>
</tr>
<tr>
<td></td>
<td>Pixel pitch</td>
<td>0.3637mm H × 0.3637mm V</td>
</tr>
<tr>
<td></td>
<td>Brightness</td>
<td>500cd/m² (Typical: without Touch panel)</td>
</tr>
<tr>
<td></td>
<td>Contrast ratio</td>
<td>3000 : 1 (Typical)</td>
</tr>
<tr>
<td></td>
<td>Viewable angle</td>
<td>Horizontal : 178 degrees, Vertical: 178 degrees (Typical)</td>
</tr>
<tr>
<td></td>
<td>Response time</td>
<td>8ms (Gray to Gray)</td>
</tr>
<tr>
<td>Display Colors</td>
<td></td>
<td>Approx.16.7M</td>
</tr>
<tr>
<td>Sync Frequency</td>
<td>Analog: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz Digital: Horizontal: 30.0-83.0kHz, Vertical: 23-76Hz</td>
<td></td>
</tr>
<tr>
<td>Maximum Resolution</td>
<td>1920 × 1080, 2.1 MegaPixels</td>
<td></td>
</tr>
<tr>
<td>Input Connector</td>
<td>VGA, DVI-D, HDMI×2, DisplayPort</td>
<td></td>
</tr>
<tr>
<td>Input Audio Connector</td>
<td>mini jack</td>
<td></td>
</tr>
<tr>
<td>LAN</td>
<td></td>
<td>RJ45</td>
</tr>
<tr>
<td>Serial Port</td>
<td></td>
<td>RS-232C In</td>
</tr>
<tr>
<td>Plug &amp; Play</td>
<td></td>
<td>VESA DDC2B™</td>
</tr>
<tr>
<td>Input Sync Signal</td>
<td>Separate sync: TTL, Positive or Negative</td>
<td></td>
</tr>
<tr>
<td>Input Video Signal</td>
<td>Analog: 0.7Vp-p (Standard), 75Ω, Positive Digital: DVI (Digital Visual Interface Standard Rev.1.0) compliance Digital: HDMI, DisplayPort</td>
<td></td>
</tr>
<tr>
<td>Input Audio Signal</td>
<td>2Vrms maximum</td>
<td></td>
</tr>
<tr>
<td>External IR Connector</td>
<td>mini jack</td>
<td></td>
</tr>
<tr>
<td>Headphone Connector</td>
<td>RCA(L/R)</td>
<td></td>
</tr>
<tr>
<td>Speakers</td>
<td>8W×2 (Stereo speakers)</td>
<td></td>
</tr>
<tr>
<td>Maximum Screen Size</td>
<td>698.40mm W × 392.85mm H / 27.5&quot; W × 15.5&quot; H</td>
<td></td>
</tr>
<tr>
<td>Power Source</td>
<td>100-240VAC, 50-60Hz, 1.2A</td>
<td></td>
</tr>
<tr>
<td>Power Consumption*</td>
<td>60W typical, Power management mode: 1.0W maximum Energy Efficiency Class: B</td>
<td></td>
</tr>
<tr>
<td>Dimensions / Net Weight</td>
<td>748.5 × 450.0 × 68.0mm / 29.5 × 17.7 × 2.7&quot; (W×H×D) 14.5kg / 31.9lbs</td>
<td></td>
</tr>
<tr>
<td>Environmental Considerations</td>
<td>Operating: Temperature 0 to 40°C / 32 to 104°F Humidity 90% (No condensation) Storage: Temperature -20 to 60°C / 4 to 140°F Humidity 90% (No condensation)</td>
<td></td>
</tr>
<tr>
<td>Approvals</td>
<td>CB, CE, CU, TÜV-Bauart, cULus</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE** * USB peripherals / Audio equipment are not connected.
**SPECIFICATIONS : ProLite TF4338MSC**

<table>
<thead>
<tr>
<th>Touch Screen</th>
<th>Technology</th>
<th>Projected capacitive 12points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light transmission</td>
<td>84%</td>
<td></td>
</tr>
<tr>
<td>Hardness</td>
<td>7H</td>
<td></td>
</tr>
<tr>
<td>Thickness</td>
<td>3mm</td>
<td></td>
</tr>
<tr>
<td>Communication system</td>
<td>USB serial transfer</td>
<td></td>
</tr>
</tbody>
</table>

**Size Category**

| LCD Panel | Panel technology | RGB |
| Size | Diagonal: 43” (108cm) |
| Pixel pitch | 0.4902mm H × 0.4902mm V |
| Brightness | 450cd/m² (Typical: without Touch panel) |
| Contrast ratio | 1100 : 1 (Typical) |
| Viewable angle | Horizontal: 178 degrees, Vertical: 178 degrees (Typical) |
| Response time | 12ms (Gray to Gray) |

**Display Colors**

Approx.16.7M

**Sync Frequency**

- Analog: Horizontal: 30.0-83.0kHz, Vertical: 50-76Hz
- Digital: Horizontal: 30.0-83.0kHz, Vertical: 23-76Hz

**Maximum Resolution**

1920 × 1080, 2.1 MegaPixels

**Input Connector**

VGA, DVI-D, HDMI×2, DisplayPort

**Input Audio Connector**

mini jack

**LAN**

RJ45

**Serial Port**

RS-232C In

**Plug & Play**

VESA DDC2B™

**Input Sync Signal**

Separate sync: TTL, Positive or Negative

**Input Video Signal**

- Analog: 0.7Vp-p (Standard), 75Ω, Positive
- Digital: DVI (Digital Visual Interface Standard Rev.1.0) compliance
- Digital: HDMI, DisplayPort

**Input Audio Signal**

2Vrms maximum

**External IR Connector**

mini jack

**Headphone Connector**

RCA(L/R)

**Speakers**

8W×2 (Stereo speakers)

**Maximum Screen Size**

941.18mm W × 529.41mm H / 37.1" W × 20.8" H

**Power Source**

100-240VAC, 50-60Hz, 1.2A

**Power Consumption**

75W typical, Power management mode: 1.0W maximum

**Energy Efficiency Class**

A

**Dimensions / Net Weight**

987.5 × 587.5 × 68.0mm / 38.9 × 23.1 × 2.7” (W×H×D)

| 21.6kg / 47.6lbs |

**Environmental Considerations**

- Operating: Temperature 0 to 40°C / 32 to 104°F
  Humidity 90% (No condensation)
- Storage: Temperature -20 to 60°C / 4 to 140°F
  Humidity 90% (No condensation)

**Approvals**

CB, CE, CU, TÜV-Bauart, cULus

**NOTE**

* USB peripherals / Audio equipment are not connected.
<table>
<thead>
<tr>
<th>Video Mode</th>
<th>Horizontal Frequency</th>
<th>Vertical Frequency</th>
<th>Dot Clock</th>
</tr>
</thead>
<tbody>
<tr>
<td>VGA</td>
<td>640 × 480</td>
<td>31.469kHz</td>
<td>59.940Hz</td>
</tr>
<tr>
<td></td>
<td>720 × 400</td>
<td>31.467kHz</td>
<td>70.080Hz</td>
</tr>
<tr>
<td>SVGA</td>
<td>800 × 600</td>
<td>37.879kHz</td>
<td>60.317Hz</td>
</tr>
<tr>
<td>XGA</td>
<td>1024 × 768</td>
<td>48.363kHz</td>
<td>60.004Hz</td>
</tr>
<tr>
<td></td>
<td>1280 × 720</td>
<td>44.720kHz</td>
<td>60.000Hz</td>
</tr>
<tr>
<td>SXGA</td>
<td>1280 × 1024</td>
<td>63.981kHz</td>
<td>60.020Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>79.976kHz</td>
<td>75.025Hz</td>
</tr>
<tr>
<td>VESA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WSXGA+</td>
<td>1680 × 1050</td>
<td>65.290kHz</td>
<td>59.954Hz</td>
</tr>
<tr>
<td>Full HD</td>
<td>1920 × 1080</td>
<td>67.500kHz</td>
<td>60.000Hz</td>
</tr>
<tr>
<td>HD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>480p</td>
<td>60Hz</td>
<td>31.469kHz</td>
<td>59.940Hz</td>
</tr>
<tr>
<td>576p</td>
<td>50Hz</td>
<td>31.250kHz</td>
<td>50.000Hz</td>
</tr>
<tr>
<td>720p</td>
<td>50Hz</td>
<td>37.500kHz</td>
<td>50.000Hz</td>
</tr>
<tr>
<td>720p</td>
<td>60Hz</td>
<td>45.000kHz</td>
<td>60.000Hz</td>
</tr>
<tr>
<td>1080p</td>
<td>24Hz</td>
<td>27.000kHz</td>
<td>24.000Hz</td>
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<tr>
<td>1080p</td>
<td>30Hz</td>
<td>33.750kHz</td>
<td>30.000Hz</td>
</tr>
<tr>
<td>1080p</td>
<td>50Hz</td>
<td>56.250kHz</td>
<td>50.000Hz</td>
</tr>
<tr>
<td>1080p</td>
<td>60Hz</td>
<td>67.500kHz</td>
<td>60.000Hz</td>
</tr>
</tbody>
</table>