

# **USER MANUAL**

# ***Pro Lite***

## **LCD Monitor**

ENGLISH

### ***Pro Lite T1633MC***

Thank you very much for choosing the iiyama LCD monitor.

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



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

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

## To report a fault, please contact your local support centre found at [www.iiyama.com/service](http://www.iiyama.com/service)

### Things to check before you call the iiyama information line

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

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

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

### Important Note:

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

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

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

## CE MARKING DECLARATION OF CONFORMITY

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

### Warning

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

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

Model No. : PLT1633M



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.

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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.

#### CORRECT USE OF THE AC ADAPTER

Use only the AC Adapter provided by iiyama. Any deviation from this by using another type of adapter may result in damage to the accessory and the monitor by fire or electric shock.

#### DO NOT DISASSEMBLE THE AC ADAPTER

Disassembling the AC Adapter may expose you to the danger of 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.

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 Button, 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 AC adapter, 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 40-60cm (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 Button for hours.

## CUSTOMER SERVICE

### NOTE

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

## CLEANING

### WARNING

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

### NOTE

- To protect the Touch screen surface, 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 Touch screen surface.  
Abrasive 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.

### 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 isopropyl alcohol.

# BEFORE YOU OPERATE THE MONITOR

## FEATURES

- ◆ Supports Resolutions up to 1366 × 768
- ◆ High Contrast 500:1 (Typical)  
Brightness 300cd/m<sup>2</sup> (Typical), 255cd/m<sup>2</sup> (with Touch Panel)
- ◆ Blue Light Reducer
- ◆ Digital Character Smoothing
- ◆ Automatic Set-up
- ◆ Plug & Play VESA DDC2B Compliant  
Windows® 7/8/8.1/10 Compliant
- ◆ Power Management (VESA DPMS Compliant)
- ◆ VESA Mounting Standard (100mm×100mm) Compliant
- ◆ IP54 Standard Compliant (Only Front Face)
- ◆ Keyhole for Security Lock
- ◆ 10 point Touch

### ■ Windows 7/8/8.1/10 touch environment

Basic touch operations can be performed under Windows 7/8/8.1/10.

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.

- |                                |                     |                                 |
|--------------------------------|---------------------|---------------------------------|
| ■ AC Adapter*                  | ■ Power Cable*      | ■ HDMI Cable                    |
| ■ DisplayPort Cable            | ■ USB Cable         | ■ Stand-Base                    |
| ■ Screws for Stand-Base (4pcs) | ■ Cable Cover       | ■ Screws for Cable Cover (2pcs) |
| ■ Safety Guide                 | ■ Quick Start Guide |                                 |

### CAUTION

#### \* 1. TO USERS IN 120V AREA

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 or AC adapter not supplied by iiyama.

#### 2. Applicable AC Adapter

AC Adapter Type Name : ADPC1245, TPV ELECTRONICS(FUJIAN) CO., LTD.

#### 3. An approved power cable greater or equal to H05VVF, 3G, 0.75mm<sup>2</sup> must be used.

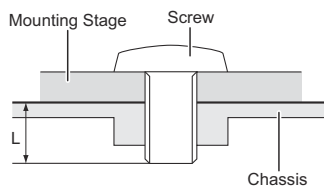
## SPECIAL NOTES ON TOUCH PANEL

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.

## WALL MOUNTING

**WARNING** When you use with the wall mounting, in consideration of thickness of the mounting stage, tighten the M4 Screw with washer which "L" length is 8mm to fasten the monitor. Using the screw longer than this may cause electric shock or damage because it may contact with the electrical parts inside the monitor.



## BUILT-IN EQUIPMENT

**WARNING** 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.

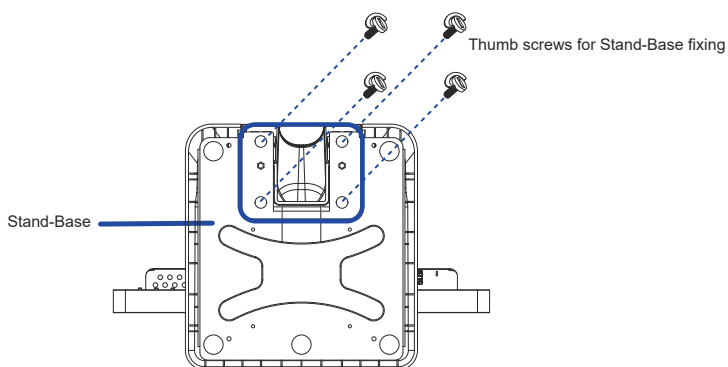
## FITTING AND REMOVAL OF BASE

### CAUTION

- Put the monitor on a stable surface. The monitor may cause injury or damage if it falls or is dropped.
- Do not give a strong impact to the monitor. It may cause damage.
- Unplug the monitor before removal or installation to avoid an electric shock or a damage.

### <Installation>

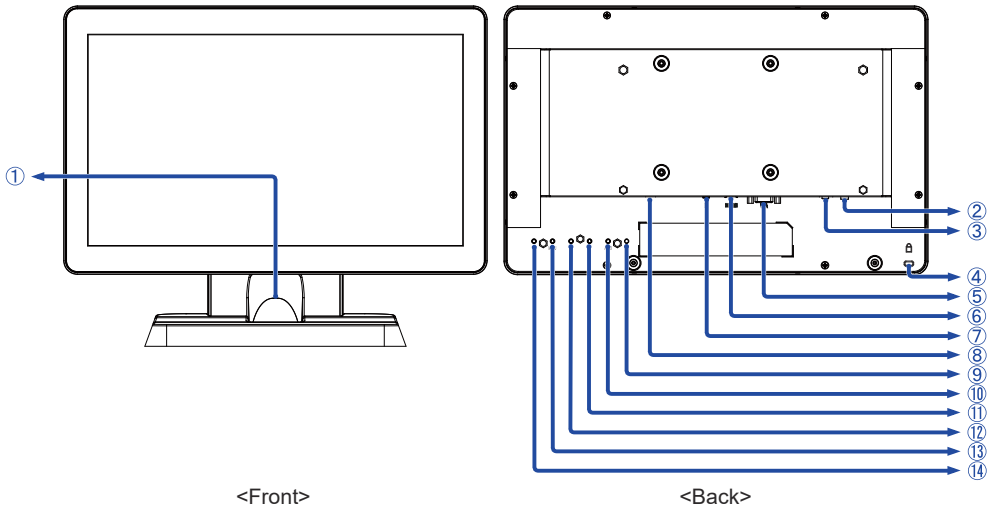
- ① Put a piece of soft cloth on the table beforehand to prevent the monitor from being scratched.  
Lay the monitor flat on a table with front face down.
- ② Hold the monitor and install the Stand-Base.
- ③ Use the 'thumb screws' provided to secure the Stand-Base to the monitor.





### <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 Remove the 'thumb screws' to remove the Stand-Base from the monitor.

## CONTROLS AND CONNECTORS



ENGLISH

- ① Cable Hole
  - ② USB Downstream Connector (USB)
  - ③ USB Upstream Connector (USB)
  - ④ Keyhole for Security Lock
- NOTE** You can fasten a security lock and cable to prevent the monitor from being removed without your permission.
- ⑤ VGA Connector (VGA)
  - ⑥ HDMI Connector (HDMI)
  - ⑦ DisplayPort Connector (DP)
  - ⑧ Connector for AC Adapter (  : Direct current, DC-IN)
  - ⑨ Power Indicator
- NOTE** Green: Normal operation  
Orange: Power Management
- ⑩ Auto / Input Select Button (AUTO) \*
  - ⑪ - / Eco Button ( - ) \*
  - ⑫ + / Blue Light Reducer Button ( + ) \*
  - ⑬ Menu Button (MENU)
  - ⑭ Power Button (  )

\* You can skip the Menu items and directly display an option setting screen.

## 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 HDMI cable to the monitor and the AV equipment when using an AV equipment compliant to HDMI connection.
- ⑤ Connect the AC Adapter to the monitor. Connect the Power Cable to the AC Adapter first and then to the power source.
- ⑥ Turn on your monitor 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.

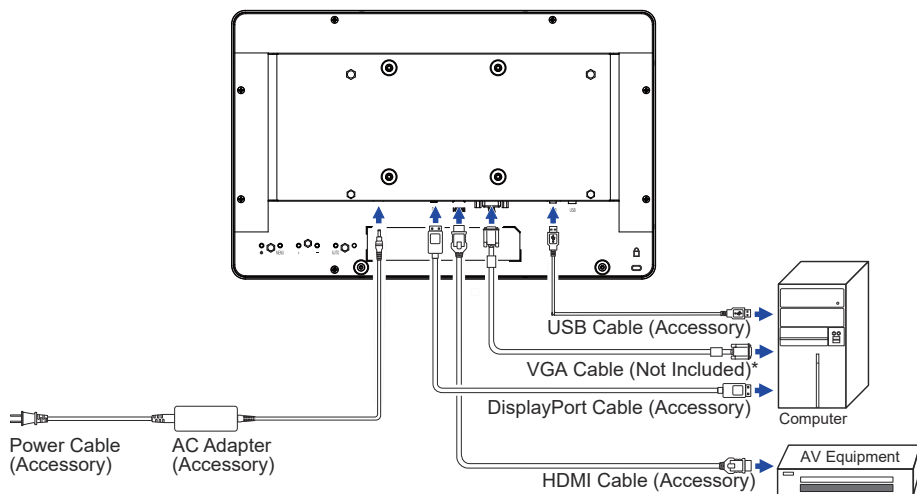
■ Make sure you tighten the finger screws at each end of the Signal Cable.

■ 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>

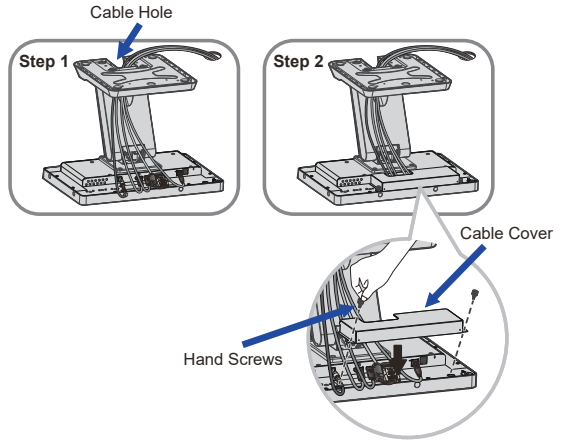


\* VGA cable is not supplied with the monitor. If you use low quality VGA cable, it may cause a result of electro-magnetic interference. Please contact the iiyama Support Centre in your country if you wish to connect the monitor via the VGA input.

## [ Fitting of Cable Cover ]

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.

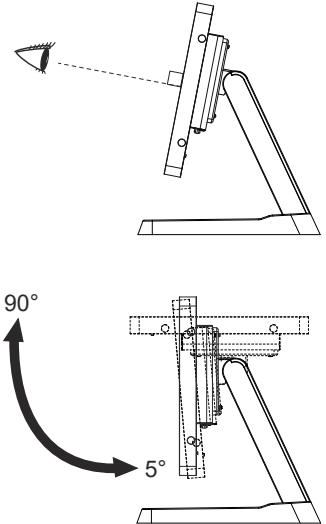
- ① As shown in Step 1, connect the cables and put them through the cable hole.
- ② As shown in Step 2, place the cable cover and fix it firmly with the hand screws.



## 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.



## COMPUTER SETTING

### ■ Signal Timing

Change to the desired signal timing listed on page 26: 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 Button

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 Windows7/8.1/10 by connecting the monitor to DDC2B compliant computer with the USB cable supplied.

■ TOUCH support operation system :

OS Version (Windows)	Windows			
	Win 10	Win8/8.1	Win7	XP
Supported touches	Multi-touch			Single-touch
Note	Windows inbox driver (No need for touch driver)			Need for touch driver

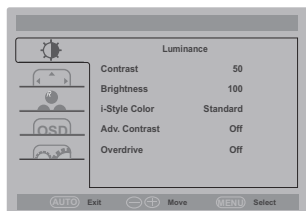
OS Version (Linux Distribution)	Android				Linux
	7.0	6.0	5.0 - 5.1	4.0 - 4.4	
Supported touches	Multi-touch				
Supported Kernel version	4.4	3.18	3.0 - 3.14		3.0 - 4.4
Note	Driver supports multi-touch				Driver supports multi-touch for most 3.0 above kernel

OS Version (Mac OS)	Mac OS			
	10.9 (Mavericks)	10.10 (Yosemite)	10.11 (El Capitan)	10.12 (Sierra) 10.13 (High Sierra)
Supported touches	Single-touch			
Note	Similar to Apple Trackpad gesture: 2-finger gesture: zoom in/out, swipe 4-finger gesture: show desktop	Similar to Apple Trackpad gesture: 2-finger gesture: zoom in/out, swipe 4-finger gesture: show desktop Our service team provides you with the driver and the operation guide.	Similar to Apple Trackpad gesture: 2-finger gesture: zoom in/out, swipe 4-finger gesture: show desktop Our service team provides you with the driver and the operation guide.	Our service team provides you with the driver and the operation guide.

## 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 26. You are also able to adjust the picture by following the button operation shown below. For more detailed adjustments, see page 19 for SCREEN ADJUSTMENTS.

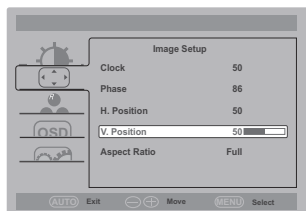
- ① **Press the MENU Button to start the On Screen Display feature. There are additional Menu items which can be switched by using the + / – Buttons.**



- ② **Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the MENU Button. Then, use the + / – Buttons to highlight the desired adjustment icon.**
- ③ **Press the MENU Button again. Use the + / – Buttons to make the appropriate adjustment or setting.**
- ④ **Press the AUTO 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 Image Setup and then press the MENU Button. Then, select V. Position by using the + / – Buttons.


An adjustment page appears after you press the MENU Button. Then, 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.

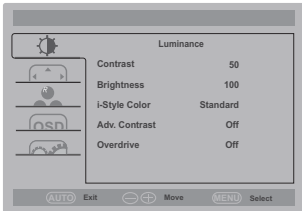







Press the AUTO Button lastly and all changes are saved in the memory.

### NOTE

- When button operations are aborted during adjustment, On-Screen Display disappears when the time set for the OSD Timeout has passed. Also, the AUTO Button can be used to return previous menu and turn off the On-Screen Display.
- Any changes are automatically saved in the memory when the On Screen Display disappears. Turning off the power should be avoided while using the Menu.
- 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.


**Luminance**

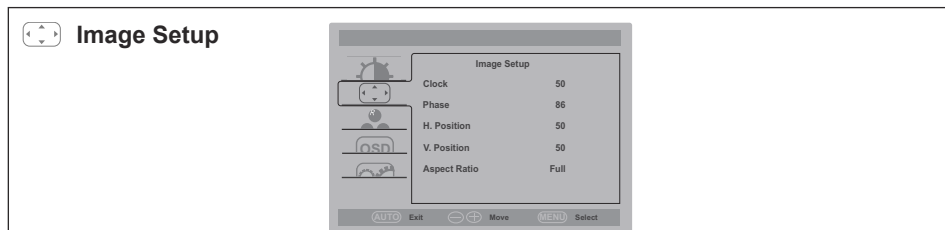
























Adjustment Item	Problem / Option		Button to Press
Contrast	Too dull		
	Too intense		
Brightness * <sup>1</sup>	Too dark		
	Too bright		
i-Style Color * <sup>2</sup>	Standard	For general windows environment and monitor default setting.	
	Text	For text editing and viewing in a word processing environment.	
	Internet	For internet environment.	
	Game	For PC game environment.	
	Movie	For movie and video environment.	
	Sports	For sport environment.	
Adv. Contrast	Off	Typical Contrast Ratio	
	On	Increased Contrast Ratio	
<div>NOTE</div> <div> Adv. Contrast adjusts brightness according to the image, and improve the contrast ratio during movie playing.  Contrast, Brightness, Color Temp., Eco, i-Style Color and Blue Light Reducer cannot be adjusted and selected while Adv. Contrast is active. </div>			
Overdrive * <sup>3</sup>	Off / -2 / -1 / 0 / +1 / +2 It will improve the gray level response time of the LCD panel. A higher level results in a faster response time.		

<sup>\*1</sup> Adjust the Brightness when you are using the monitor in a dark room and feel the screen is too bright. Brightness adjustment is disabled when Eco is activated.

<sup>\*2</sup> i-Style Color cannot be adjusted and selected while Blue Light Reducer is active.


<sup>\*3</sup> When Overdrive is activated, some level of image retention will be caused.

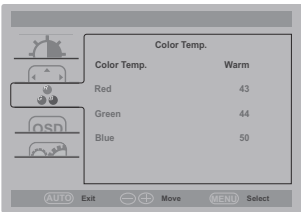




Adjustment Item	Problem / Option		Button to Press
Clock* <sup>1,2</sup>	 Too narrow		 
	 Too wide		 
Phase* <sup>1,2</sup>	To correct flickering text or lines		   
H. Position* <sup>2</sup>	 Too left		 
	 Too right		 
V. Position* <sup>2</sup>	 Too low		 
	 Too high		 
Aspect Ratio	Full	Expanded display	
	Aspect	Expanded display by Aspect ratio	

\*<sup>1</sup> See page 19 for SCREEN ADJUSTMENTS.

\*<sup>2</sup> Only for Analog Input.


**Color Temp. \***



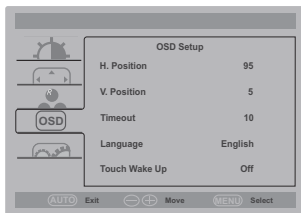
Adjustment Item	Problem / Option		Button to Press	
Color Temp.	Cool			
	Normal			
	Warm			
	sRGB			
	User	Red	Too weak Too strong	 
		Green		
Blue				















**NOTE**

- sRGB is an international standard which defines and unifies the difference of color appearance between equipment.
- You can not adjust the Contrast, Brightness, i-Style Color and Eco during sRGB mode because those settings are locked.

\* Color Temp. cannot be adjusted and selected while Blue Light Reducer is active.

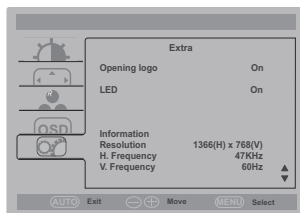
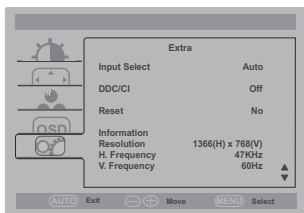
# OSD Setup



Adjustment Item	Problem / Option				Button to Press
H. Position	OSD is too left				 
	OSD is too right				 
V. Position	OSD is too low				 
	OSD is too high				 
Timeout	You can set the OSD display duration time between 5 and 100 seconds.				  
Language	English	English	Italiano	Italian	  
	Français	French	Čeština	Czech	
	Español	Spanish	Nederlands	Dutch	
	Português	Portuguese	Polski	Polish	
	Русский	Russian	日本語	Japanese	
	Deutsch	German			
Touch Wake Up	Off	Touch Wake Up is turned off.			
	On	Touch and USB hub are still functional during the display stand by.			



## Extra



Adjustment Item	Problem / Option	
Input Select <b>Direct</b>	Auto	Select the signal input automatically.
	VGA	Select the Analog (VGA) input.
	HDMI	Select the Digital (HDMI) input.
	DP	Select the Digital (DisplayPort) input.
DDC/CI	Off	DDC/CI is Off.
	On	DDC/CI is On.
Reset	Yes	Factory-preset data is restored.
	No	Return to Menu.
Information	Displays information regarding the current input signal coming from the graphic card in your computer. <b>NOTE</b> See your graphic card user guide for more information about changing the resolution and refresh.	
Opening Logo	Off	iiyama Logo does not display when the monitor is turned on.
	On	iiyama Logo displayed when the monitor is turned on.
LED	Off	The Power Indicator is turned Off.
	On	The Power Indicator is turned On.
<b>NOTE</b> Turn Off the Power Indicator when you are bothered by the light.		

## Direct

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

- Input Select: Press the AUTO Button when the Menu is not displayed.

## Direct

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

- Auto Configure \* : Keep pressing the AUTO Button for 2-3 seconds when the Menu is not displayed.  

Only for  
Analog Input

 Adjust H. / V. Position, Clock and Phase automatically.

\* For best results, use the Auto Adjust in conjunction with the adjustment pattern. See page 19 for SCREEN ADJUSTMENTS.

- Eco \* : Press the – Button when the Menu is not displayed.  
 Off : Normal  
 Mode1 : Brightness of back-light is reduced.  
 Mode2 : Brightness of back-light is reduced more than 1.  
 Mode3 : Brightness of back-light is reduced more than 2.

\* Eco is disabled when i-Style Color, Adv. Contrast or Color Temp. sRGB is activated.

- Blue Light Reducer \* : Press the + Button when the Menu is not displayed.  
 Off : Normal  
 Mode1 : Blue light is reduced.  
 Mode2 : Blue light is reduced more than Mode1.  
 Mode3 : Blue light is reduced more than Mode2.

\* Blue Light Reducer is disabled when i-Style Color or Color Temp. sRGB is activated.

- Lock Mode:

### <OSD>

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

### <Power / OSD>

Keep pressing the MENU Button for 10 seconds when Menu is not displayed, it will lock/unlock the Power Button / OSD.

## SCREEN ADJUSTMENTS

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

- The screen adjustments described in this manual are designed to set image position and minimize flicker or blur for the particular computer in use.
- The monitor is designed to provide the best performance at resolution of 1366 × 768, but can not provide the best at resolutions of less than 1366 × 768 because the picture is automatically stretched to fit the full screen. It is recommended to operate at resolution of 1366 × 768 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 (<http://www.iiyama.com>).

Adjust the image by following the procedure below to get the desired picture.

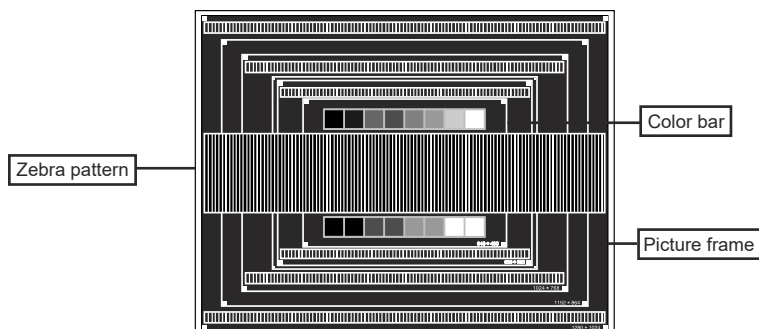
This manual explains adjustment under Windows OS.

- ① **Display the picture at the optimum resolution.**
- ② **Enter the Test.bmp (screen adjustment pattern) to wallpaper.**

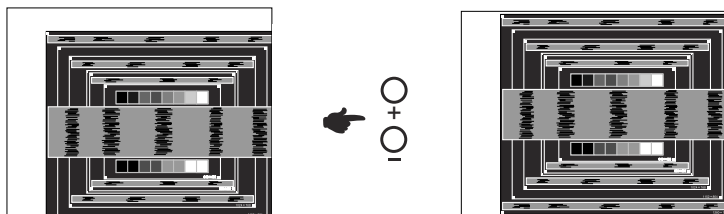
### NOTE

- Consult the appropriate documentation for doing this.
- Set the display position to center in the wallpaper setting dialogue box. If you use Microsoft® PLUS! 95/98 cancel the setting of "Stretch desktop wallpaper to fit the screen".

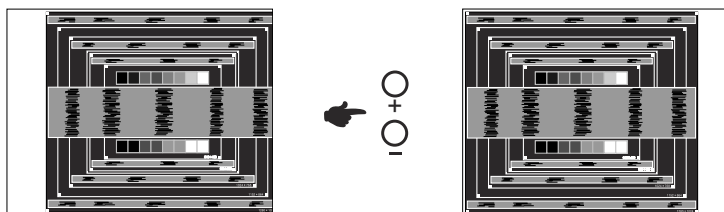
[Adjustment pattern]



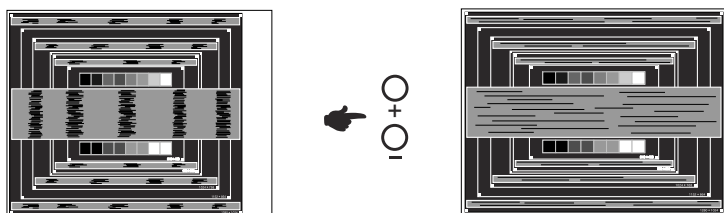
- ③ Keep pressing the AUTO Button for 2-3 seconds. (Auto Configure)
- ④ Adjust the image manually by following procedure below when the screen has a flicker or blur, or the picture does not fit in the display area after performing the Auto Configure.
- ⑤ Adjust the V. Position so that the top and bottom 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.



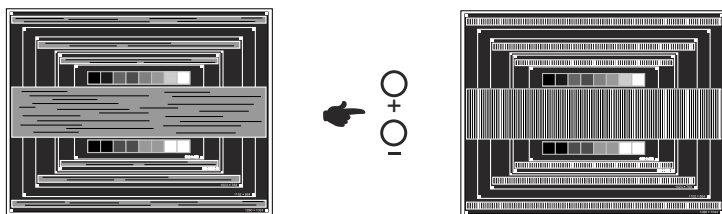
- 2) Stretch the right side of the picture frame to the right edge of the display area by adjusting the Clock.



**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. 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 Temp. to get the desired picture after you complete the Clock and Phase adjustments.**  
**Put back your favorite wallpaper.**

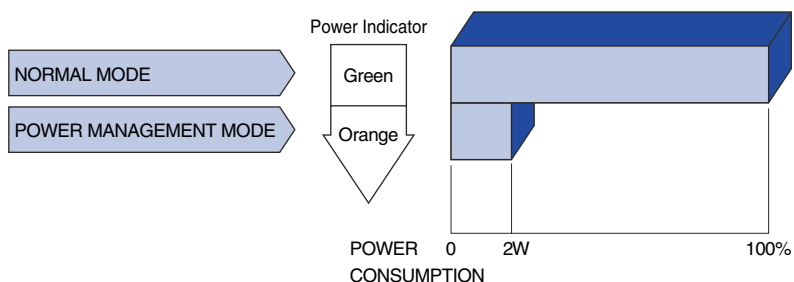
## POWER MANAGEMENT FEATURE

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

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

### ■ Power Management Mode

When the H-sync signal / V-sync signal / H and V sync signals from the computer are off, the monitor enters into Power Management Mode which reduces the power consumption to less than 2W. The screen becomes dark and the power indicator turns to orange. From Power Management Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.



### NOTE

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

# TROUBLE SHOOTING

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

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

Problem	Check
① The picture does not appear. (Power indicator does not light up.)  (Power indicator is green.)  (Power indicator is orange.)	<input type="checkbox"/> The AC Adapter is firmly seated in the connector. <input type="checkbox"/> The Power Cable is firmly seated in the socket of the AC Adapter. <input type="checkbox"/> The Power Cable is firmly seated in the socket. <input type="checkbox"/> The Power Button is turned ON. <input type="checkbox"/> The AC socket is live. Please check with another piece of equipment. <input type="checkbox"/> If the blank screen saver is in active mode, touch the keyboard or the mouse. <input type="checkbox"/> Increase the Contrast and/or Brightness. <input type="checkbox"/> The computer is ON. <input type="checkbox"/> The Signal Cable is properly connected. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor. <input type="checkbox"/> If the monitor is in power management mode, touch the keyboard or the mouse. <input type="checkbox"/> The computer is ON. <input type="checkbox"/> The Signal Cable is properly connected. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor.
② The screen is not synchronized.	<input type="checkbox"/> The Signal Cable is properly connected. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor. <input type="checkbox"/> The video output level of the computer is within the specification of the monitor.
③ The screen position is not in the center.	<input type="checkbox"/> The signal timing of the computer is within the specification of the monitor.
④ The screen is too bright or too dark.	<input type="checkbox"/> The video output level of the computer is within the specification of the monitor.
⑤ The screen is shaking.	<input type="checkbox"/> The power voltage is within the specification of the monitor. <input type="checkbox"/> The signal timing of the computer is within the specification of the monitor.
⑥ The touch screen shows no response.	<input type="checkbox"/> The USB Cable is firmly seated in the socket. <input type="checkbox"/> Touch screen driver software is installed.
⑦ The touch position does not deviate.	<input type="checkbox"/> The calibration function set up correctly.

## RECYCLING INFORMATION

For better environment protection please don't dispose your monitor.  
Please visit our web site: [www.iiyama.com](http://www.iiyama.com) for monitor recycling.

# APPENDIX

Design and specifications are subject to change without prior notice.

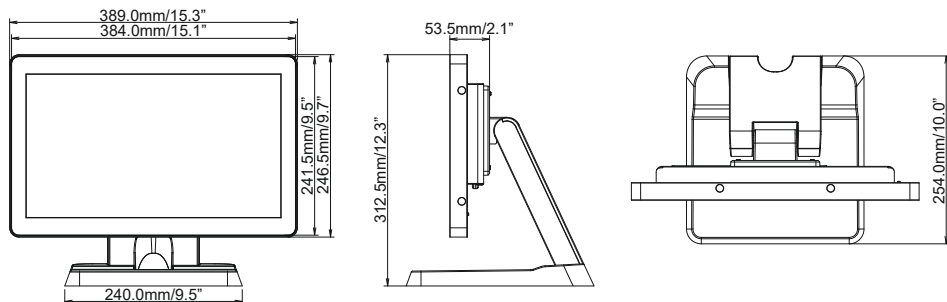
## SPECIFICATIONS : ProLite T1633MC-B1

Touch Screen	Technology	Projected capacitive 10pt touch
	Light transmission	85%
	Communication system	USB
Size Category		15.6"
LCD Panel	Panel technology	TN
	Size	Diagonal: 15.6" (39.5cm)
	Pixel pitch	0.252mm H × 0.252mm V
	Brightness	300cd/m <sup>2</sup> (Typical), 255cd/m <sup>2</sup> (with Touch panel)
	Contrast ratio	500 : 1 (Typical)
	Viewable angle	Horizontal : 160 degrees, Vertical: 160 degrees (Typical)
	Response time	10ms (Typical)
Display Colors		Approx.16.7M
Sync Frequency		Horizontal: 31.4-60.3kHz, Vertical: 56-75Hz
Maximum Resolution		1366 × 768, 1.0 MegaPixels
Input Connector		VGA, HDMI, DisplayPort
Plug & Play		VESA DDC2B™
Input Sync Signal		Separate sync: TTL, Positive or Negative
Input Video Signal		Analog: 0.7Vp-p (Standard), 75Ω, Positive Digital: HDMI, DisplayPort
Maximum Screen Size		344.2mm W × 193.6mm H / 13.6" W × 7.6" H
Power Source		12VDC, 3.75A
AC Adapter (accessory)		Input: 100-240VAC, 50/60Hz
Power Consumption* <sup>1</sup>		13.5W typical, Power management mode: 2W maximum
Dimensions / Net Weight		389.0 × 312.5 × 254.0mm / 15.3 × 12.3 × 10.0" (W×H×D) 4.5kg / 9.9lbs (Excluding the AC Adapter)
Tilt Angle		Upward: 90 degrees Downward: 5 degrees
Environmental Considerations		Operating: Temperature 0 to 40°C / 32 to 104°F Humidity 20 to 80% (No condensation) Storage: Temperature -20 to 60°C / -4 to 140°F Humidity 10 to 90% (No condensation)
Approvals		CE, TÜV-Bauart, CU, IP54* <sup>2</sup>

**NOTE** \*<sup>1</sup> USB peripherals is not connected.

\*<sup>2</sup> IP54 Standard Compliant : Only front face

## DIMENSIONS



## COMPLIANT TIMING

Video Mode	Horizontal Frequency	Vertical Frequency	Dot Clock
640 × 480	31.469kHz	59.940Hz	25.175MHz
	37.500kHz	75.000Hz	31.500MHz
	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 × 768	47.776kHz	59.870Hz	79.500MHz
1366 × 768	47.712kHz	59.790Hz	85.500MHz