iiyama

USER MANUAL

ProLite

LCD Monitor

ProLite 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.

iiyama | Servicecard

VALUE FOR MONEY
iiyama
· Get more for less · Get more for less · Get more for less ·

AWARD-WINNER
iiyama
· Tested and approved · Tested and approved · Tested and approved ·

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

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

To report a fault, please contact your local support centre found at www.iiyama.com/service

Things to check before you call the iiyama information line

| if the power cable is connected securely and turned on?

| if the display has been turned on?

| if the signal cable is connected securely and the correct input selected?

| if the computer has been restarted with the display connected?

| if the graphics card is correctly installed with the latest drivers possible?

| if the correct native resolution has been selected via 'Display Properties'?

| If the R/G/B signal configuration is correct?

| if the displays On Screen Menu is shown?

| if the correct brightness and contrast settings have been set?

| if given display tolerances and compatibility have been considered?

| if via the On Screen Menu you have performed a Factory Reset/Recall?

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

| model number *

| purchase receipt and serial number *

| name and address for collection

| telephone/fax number, for availability during the day

| convenient collection date (date, time)

| short description of the defect

Important Note:

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

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

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

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CE MARKING DECLARATION OF CONFORMITY

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

Warning

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

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

Model No. : 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.

■ Eprel registration number   T1633MC-B1 : 403747

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ENGLISH

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.

ENGLISH

INSTALLATION LOCATION

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

DO NOT PLACE THE MONITOR IN A HAZARDOUS POSITION

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

MAINTAIN GOOD VENTILATION

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

DISCONNECT THE CABLES WHEN YOU MOVE THE MONITOR

When you move the monitor, turn off the Power 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.

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^2 (Typical), 255cd/m^2 (with Touch Panel)

◆ **Blue Light Reducer**

◆ **Digital Character Smoothing**

◆ **Automatic Set-up**

◆ **Plug & Play VESA DDC2B Compliant**
   Windows$^®$ 7/8/8.1/10 Compliant

◆ **Standby Feature**

◆ **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^2 must be used.

ENGLISH

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 Screws (4pcs) 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.

Mounting Stage   Screw

L

Chassis
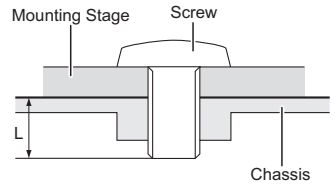
BUILT-IN EQUIPMENT

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.
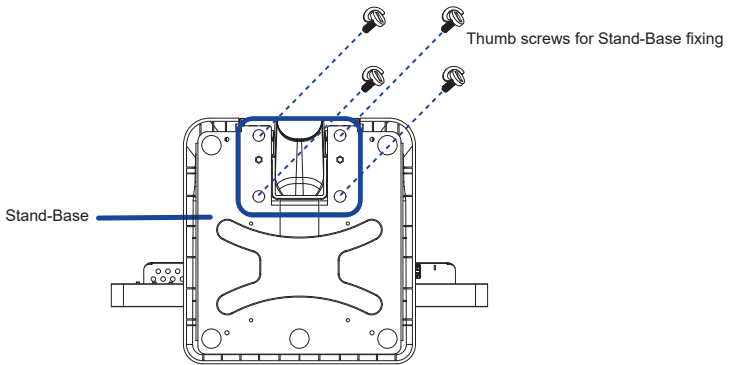
Thumb screws for Stand-Base fixing

Stand-Base

<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

<Front>   <Back>
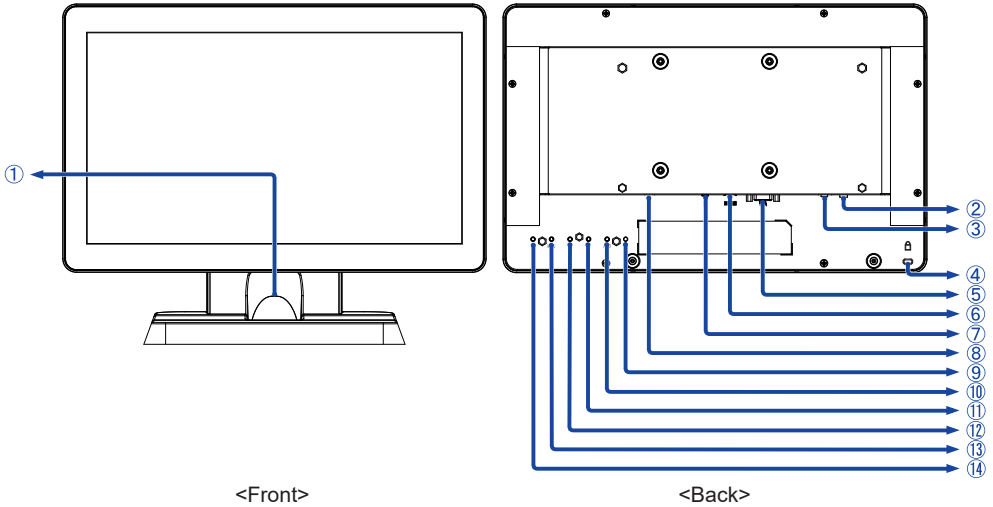
① Cable Hole

② USB Downstream Connector (USB : 5V, 500mA)

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: Standby Mode

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 ■ Make sure that the building installation has a circuit breaker of 120/240V, 20A (maximum).

■ The signal cables used for connecting the computer and monitor may vary with the type of computer used. An incorrect connection may cause serious damage to both the monitor and the computer. The cable supplied with the monitor is for a standard connector. If a special cable is required please contact your local iiyama dealer or regional iiyama office.

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

■ The Class I pluggable equipment Type A must be connected to protective earth.

■ The socket-outlet shall be installed near the equipment and shall be easily accessible.

[Example of Connection]

<Back>

USB Cable (Accessory)

VGA Cable (Not Included)*

DisplayPort Cable (Accessory)

Computer

Power Cable (Accessory)

AC Adapter (Accessory)

HDMI Cable (Accessory)

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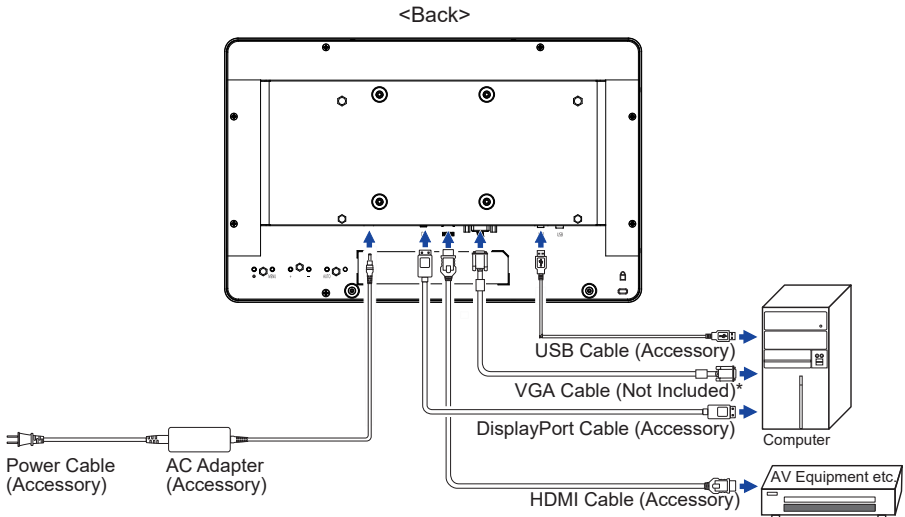
* VGA cable is not supplied with the monitor. If you use low quality VGA cable, it may cause a result of electro-magnetic interference. Please contact the iiyama Support Centre in your country if you wish to connect the monitor via the VGA input.

[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.

Cable Hole

Step 1

Step 2

Cable Cover

Hand Screws
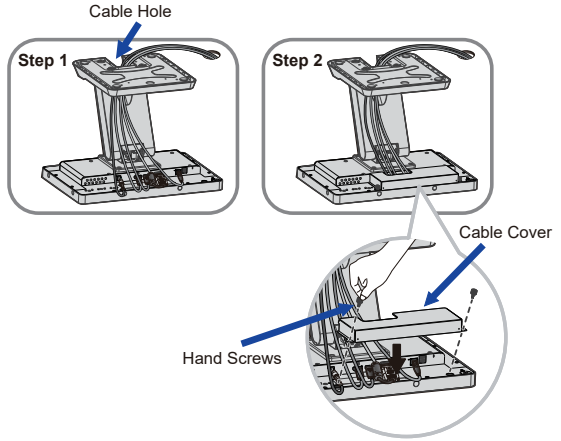
ADJUSTING THE VIEWING ANGLE

■ 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.

90°

5°
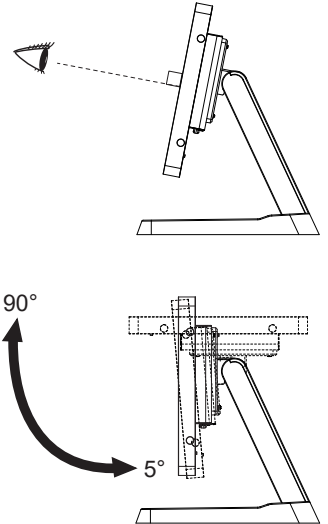
COMPUTER SETTING

■ Signal Timing

Change to the desired signal timing listed on page 27: COMPLIANT TIMING.

■ Windows 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 Vista/7/8/8.1/10 by connecting the monitor to DDC2B compliant computer with the Signal Cable supplied.

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.

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■ 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 :

OS Version (Windows)	Windows		
	Win 10	Win8/8.1	Win7
Supported touches	Multi-touch		
Note	Windows inbox driver (No 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 kernal

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.

ENGLISH

■ Touch Input Settings in Dual Screen Mode

① Connect the primary monitor to the computer first.
   Set Control Panel > Hardware and Sound > Tablet PC Settings > Display > Setup.
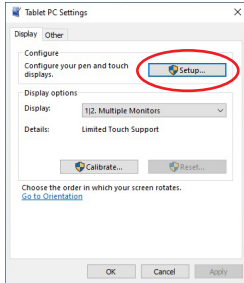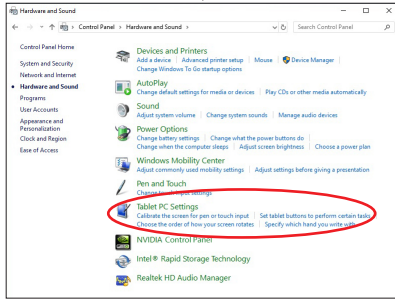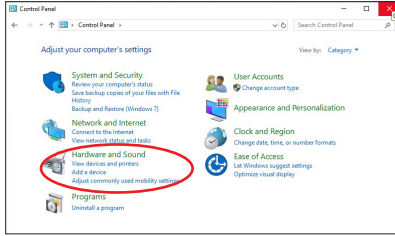
The following message will appear on the screen. Please follow the instructions.

Tap this screen with a single finger to identify it as the touchscreen.

If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.
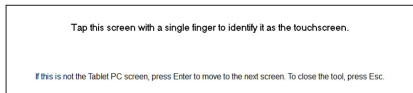
② After setting ①, connect a second monitor and perform the setup as in ①.

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

ENGLISH

OPERATING THE MONITOR

To create the best picture, your iiyama LCD monitor has been preset at the factory with the COMPLIANT TIMING shown on page 27. You are also able to adjust the picture by following the button operation shown below. For more detailed adjustments, see page 20 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.**
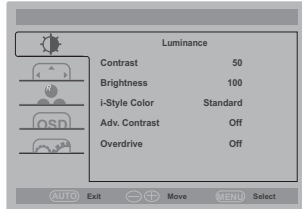
② **Select the Menu item which contains the adjustment icon relating to the adjustment you want to make. Press the MENU Button. Then, use the + / – Buttons to highlight the desired adjustment icon.**

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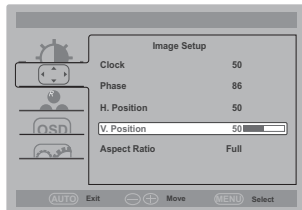
Press the AUTO Button lastly and all changes are saved in the memory.

> **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.

ADJUSTMENT MENU CONTENTS

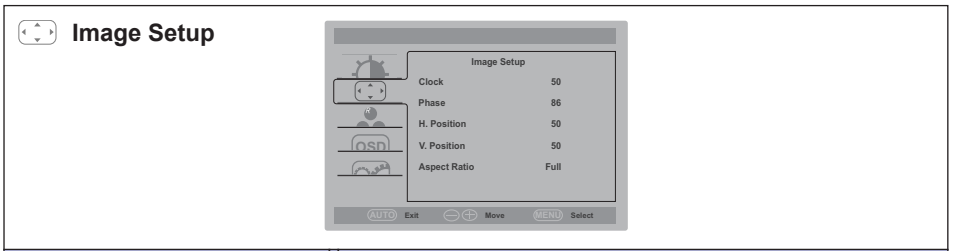### ◑ Luminance

Adjustment Item	Problem / Option		Button to Press
Contrast	Too dull		← ○+
	Too intense		← ○−
Brightness *[1]	Too dark		← ○+
	Too bright		← ○−
i-Style Color *[2]	Standard	For general windows environment and monitor default setting.	
	Text	For text editing and viewing in a word processing environment.	
	Internet	For internet environment.	
	Game	For PC game environment.	
	Movie	For movie and video environment.	
	Sports	For sport environment.	
Adv. Contrast	Off	Typical Contrast Ratio	
	On	Increased Contrast Ratio	

NOTE 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.

Overdrive *[3]	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.	← ○+ ○−

*[1] 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.

*[2] i-Style Color cannot be adjusted and selected while Blue Light Reducer is active.

*[3] When Overdrive is activated, some level of image retention will be caused.

⟨ ⟩ **Image Setup**		

Image Setup

Clock 50
Phase 86
H. Position 50
V. Position 50
Aspect Ratio Full

AUTO Exit ⊖⊕ Move MENU Select

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

*[1] See page 20 for SCREEN ADJUSTMENTS.
*[2] Only for Analog Input.

ENGLISH
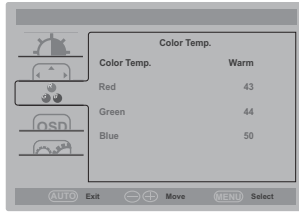
Color Temp. *

Adjustment Item	Problem / Option			Button to Press
Color Temp.	Cool			
	Normal			
	Warm			
	sRGB			
	User	Red	Too weak	← ○ +
		Green	Too strong	← ○ −
		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	**OSD Setup**

```
                        OSD Setup
              H. Position          95
              V. Position          5
        OSD   Timeout              10
              Language             English
              Touch Wake Up        Off

        AUTO  Exit        Move     MENU  Select
```
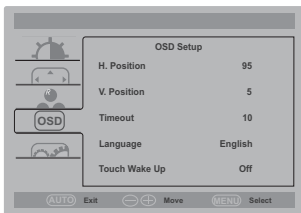
Adjustment Item	Problem / Option	Button to Press
H. Position	OSD is too left OSD is too right	
V. Position	OSD is too low OSD is too high	
Timeout	You can set the OSD display duration time between 5 and 100 seconds.	

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 **Direct**	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. **NOTE** 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.
NOTE 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

Only for
Analog Input

displayed.

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

* For best results, use the Auto Adjust in conjunction with the adjustment pattern. See page 20 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.

ENGLISH

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.
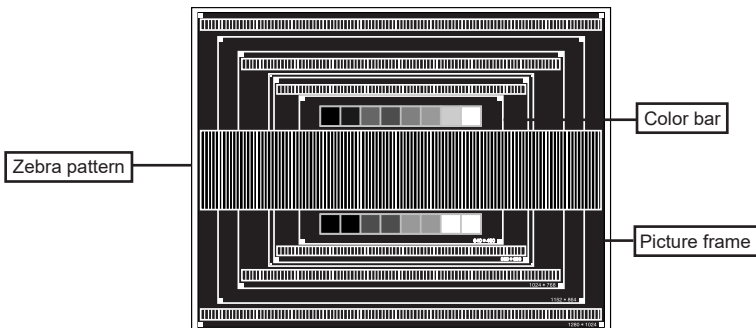This manual explains adjustment under Windows OS.

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.

[Adjustment pattern]

Color bar

Zebra pattern

Picture frame

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.**
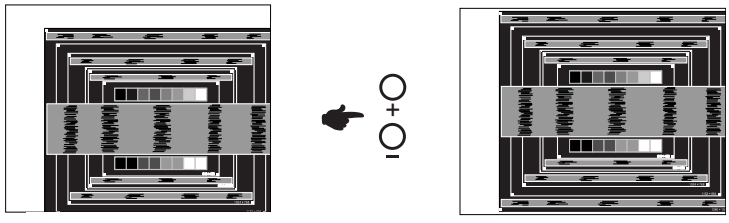
⑥ **1) Adjust the H. Position so that the left side of the picture frame will move to the left edge of the display area.**
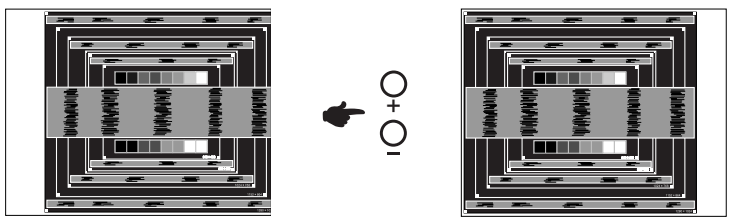
2) Stretch the right side of the picture frame to the right edge of the display area by adjusting the Clock.
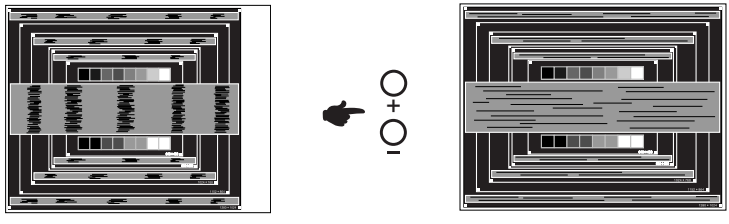
| NOTE | ■ When the left side of the picture frame moves apart from the left edge of the display area during the Clock adjustment, adjust steps 1) and 2). |

■ When the left side of the picture frame moves apart from the left edge of the display area during the Clock adjustment, adjust steps 1) and 2).

■ Another way to make the Clock adjustment is to correct the vertical wavy lines in the zebra pattern.

■ The picture may flicker during the Clock, H. / V. Position adjustment.

■ In case the picture frame is bigger or smaller than the data display area after the Clock adjustment, repeat steps from ③.

⑦ **Adjust the Phase to correct horizontal wavy noise, flicker or blur in the zebra pattern.**
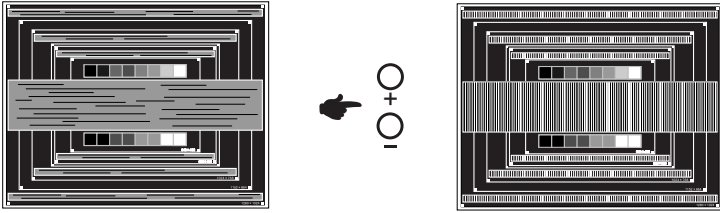
NOTE	■ In case the strong flicker or blurs remain on a part of the screen, repeat steps ⑥ and ⑦ because the Clock may not be adjusted correctly.
	■ Adjust the H. Position after the Phase adjustment if the horizontal position moves during the adjustment.

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

STANDBY FEATURE

This product features the standby function. When activated, it automatically reduces unnecessary power consumption of the monitor when your computer is not in use.

There is a standby step the monitor takes as described below. The standby function, including any timer settings is configured by the operating system. Check your operating system manual for information on how this can be configured.

■ **Standby Mode**

When the video signal from the computer is off, the monitor enters into Standby Mode which reduces the power consumption to less than 1.5W*. The screen becomes dark, and the power indicator turns to orange. From Standby Mode, the image reappears in several seconds when either the keyboard or the mouse are touched again.
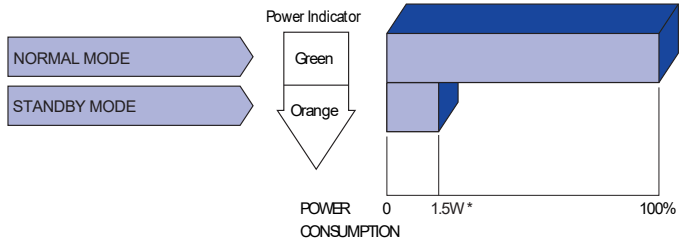
* When the USB devices are not connected.

TROUBLE SHOOTING

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

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

Problem	Check
① The picture does not appear. (Power indicator does not light up.)	☐ The AC Adapter is firmly seated in the connector. ☐ The Power Cable is firmly seated in the socket of the AC Adapter. ☐ The Power Cable is firmly seated in the socket. ☐ The Power Button is turned ON. ☐ The AC socket is live. Please check with another piece of equipment.
(Power indicator is green.)	☐ 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.
(Power indicator is orange.)	☐ If the monitor is in standby mode, touch the keyboard or the mouse. ☐ The computer is ON. ☐ The Signal Cable is properly connected. ☐ The signal timing of the computer is within the specification of the monitor.
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.
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 The touch screen shows no response.	☐ The USB Cable is firmly seated in the socket. ☐ Touch screen driver software is installed.
⑦ The touch position does not deviate.	☐ The calibration function set up correctly.

RECYCLING INFORMATION

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

APPENDIX

Design and specifications are subject to change without prior notice.

SPECIFICATIONS : ProLite T1633MC-B1

<table>
<tr><td rowspan="3">Touch Screen</td><td>Technology</td><td>Projected capacitive 10pt touch</td></tr>
<tr><td>Light transmission</td><td>85%</td></tr>
<tr><td>Communication system</td><td>USB</td></tr>
<tr><td colspan="2">Size Category</td><td>15.6"</td></tr>
<tr><td rowspan="7">LCD Panel</td><td>Panel technology</td><td>TN</td></tr>
<tr><td>Size</td><td>Diagonal: 15.6" (39.5cm)</td></tr>
<tr><td>Pixel pitch</td><td>0.252mm H × 0.252mm V</td></tr>
<tr><td>Brightness</td><td>300cd/m^2 (Typical), 255cd/m^2 (with Touch panel)</td></tr>
<tr><td>Contrast ratio</td><td>500 : 1 (Typical)</td></tr>
<tr><td>Viewable angle</td><td>Horizontal : 160 degrees, Vertical: 160 degrees (Typical)</td></tr>
<tr><td>Response time</td><td>10ms (Gray to Gray, Typical), 6ms (Gray to Gray, by Overdrive)</td></tr>
<tr><td colspan="2">Display Colors</td><td>Approx.16.7M</td></tr>
<tr><td colspan="2">Sync Frequency</td><td>Horizontal: 31.4-60.3kHz, Vertical: 56-75Hz</td></tr>
<tr><td colspan="2">Maximum Resolution</td><td>1366 × 768, 1.0 MegaPixels</td></tr>
<tr><td colspan="2">Input Connector</td><td>VGA, HDMI, DisplayPort</td></tr>
<tr><td colspan="2">USB Standard</td><td>USB2.0 (DC5V, 500mA)</td></tr>
<tr><td colspan="2">Input Sync Signal</td><td>Separate sync: TTL, Positive or Negative</td></tr>
<tr><td colspan="2">Input Video Signal</td><td>Analog: 0.7Vp-p (Standard), 75Ω, Positive
Digital: HDMI, DisplayPort</td></tr>
<tr><td colspan="2">Maximum Screen Size</td><td>344.2mm W × 193.6mm H / 13.6" W × 7.6" H</td></tr>
<tr><td colspan="2">Power Source</td><td>12VDC, 3.75A</td></tr>
<tr><td colspan="2">AC Adapter (accessory)</td><td>Input: 100-240VAC, 50/60Hz</td></tr>
<tr><td colspan="2">Power Consumption*[1]</td><td>13.5W typical, Standby mode: 1.5W maximum</td></tr>
<tr><td colspan="2">Dimensions / Net Weight</td><td>389.0 × 312.5 × 254.0mm / 15.3 × 12.3 × 10.0" (W×H×D)
4.5kg / 9.9lbs (Excluding the AC Adapter)</td></tr>
<tr><td colspan="2">Tilt Angle</td><td>Upward: 90 degrees Downward: 5 degrees</td></tr>
<tr><td colspan="2">Environmental Considerations</td><td>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)</td></tr>
<tr><td colspan="2">Approvals</td><td>CE, UKCA, TÜV-Bauart, EAC, IP54*[2]</td></tr>
</table>

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

DIMENSIONS
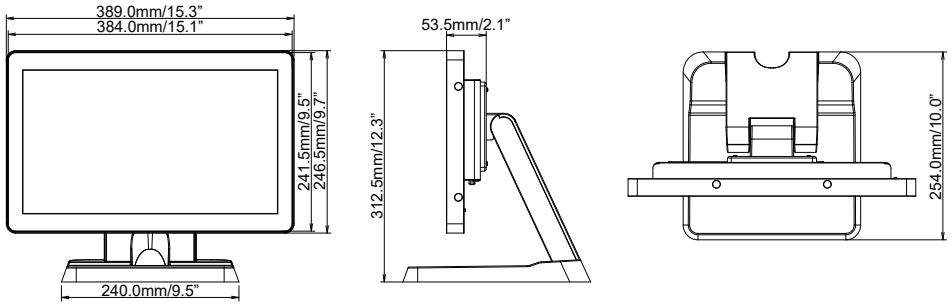
COMPLIANT TIMING

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