

# ViewSonic®

## VX2835wm LCD Display



ViewSonic®

- User Guide
- Guide de l'utilisateur
- Bedienungsanleitung
- Guía del usuario
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Model No. : VS11531

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# TCO Information

## TCO Development



### **Congratulations!**

The product you have just purchased carries the TCO'06 Media Displays label. This means that your display is designed and manufactured according to some of the strictest performance and environmental criteria in the world. The manufacturer of this display has selected it to be certified to TCO'06 Media Displays as a sign of usability, high performance and reduced impact on the natural environment.

Products certified to TCO'06 Media Displays are specifically designed for high quality reproduction of moving images. Features such as luminance, color rendition and response time are important when watching TV or working with media, graphics, web design and other applications that demand outstanding moving images. \*

### ***Ergonomics***

- Good visual ergonomics and image quality in order to reduce vision and strain problems. Criteria for luminance, contrast, resolution, reflectance, color rendition and response time.

### ***Energy***

- Energy saving mode – beneficial both for the user and the environment.
- Electrical safety.

### ***Emissions***

- Low electromagnetic fields surrounding the display.

### ***Ecology***

- Product is designed for recycling. Manufacturer must have a certified environmental management system such as EMAS or ISO 14 001.
- Restrictions on
  - a. Chlorinated and brominated flame retardants and polymers.
  - b. Hazardous heavy metals such as cadmium, mercury, hexavalent chromium and lead.

All TCO labelled products are verified and certified by TCO Development, an independent third party labelling organization. For over 20 years, TCO Development has been at the forefront of moving the design of IT equipment in a more user-friendly direction. Our criteria are developed in collaboration with an international group of researchers, experts, users and manufacturers. Since the program's inception, TCO labelled products have grown in popularity and are now requested by users and IT-manufacturers all over the world.

Full specifications and lists of certified products can be found on our homepage  
[www.tcodevelopment.com](http://www.tcodevelopment.com)

\* For a display used primarily for conventional work tasks such as word processing, we recommend a display certified to our office display series TCO'03 Displays or later version.

# Compliance Information

## For U.S.A.

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Warning:** You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

## For Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## CE Conformity for European Countries



The device complies with the requirements of the EEC directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to "Electromagnetic compatibility", and 73/23/EEC as amended by 93/68/EEC Art.13 with regard to "Safety."

## Following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE).

The mark indicates the requirement NOT to dispose the equipment as unsorted municipal waste, but use the return and collection systems according to local law.



# Important Safety Instructions

1. Read these instructions completely before using the equipment.
2. Keep these instructions in a safe place.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this equipment near water. Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
6. Clean with a soft, dry cloth. If further cleaning is required, see “Cleaning the Display” in this guide for further instructions.
7. Do not block any ventilation openings. Install the equipment in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
9. Do not attempt to circumvent the safety provisions of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the plug does not fit into your outlet, consult an electrician for replacement of the outlet.
10. Protect the power cord from being tread upon or pinched, particularly at the plug, and the point where it emerges from the equipment. Be sure that the power outlet is located near the equipment so that it is easily accessible.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the equipment. When a cart is used, use caution when moving the cart/equipment combination to avoid injury from tipping over.
13. Unplug this equipment when it will be unused for long periods of time.
14. Refer all servicing to qualified service personnel. Service is required when the unit has been damaged in any way, such as: if the power-supply cord or plug is damaged, if liquid is spilled onto or objects fall into the unit, if the unit is exposed to rain or moisture, or if the unit does not operate normally or has been dropped.



# Declaration of RoHS Compliance

This product has been designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr <sup>6+</sup> )	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex of the RoHS Directives as noted below:

Examples of exempted components are:

1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp and in other lamps not specifically mentioned in the Annex of RoHS Directive.
2. Lead in glass of cathode ray tubes, electronic components, fluorescent tubes, and electronic ceramic parts (e.g. piezoelectronic devices).
3. Lead in high temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
4. Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.

## Copyright Information

Copyright © ViewSonic® Corporation, 2007. All rights reserved.

Macintosh and Power Macintosh are registered trademarks of Apple Computer, Inc.

Microsoft, Windows, Windows NT, and the Windows logo are registered trademarks of Microsoft Corporation in the United States and other countries.

ViewSonic, the three birds logo, OnView, ViewMatch, and ViewMeter are registered trademarks of ViewSonic Corporation.

VESA is a registered trademark of the Video Electronics Standards Association. DPMS and DDC are trademarks of VESA.

ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency (EPA).

As an ENERGY STAR® partner, ViewSonic Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Disclaimer: ViewSonic Corporation shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.

In the interest of continuing product improvement, ViewSonic Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from ViewSonic Corporation.

## Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: [www.viewsonic.com](http://www.viewsonic.com). The ViewSonic Wizard CD-ROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

### For Your Records

Product Name:	VX2835wm ViewSonic 27.5" LCD Display
Model Number:	VS11531
Document Number:	VX2835wm-1_UG_ENG Rev. 1A 03-08-07
Serial Number:	_____
Purchase Date:	_____

### Product disposal at end of product life

The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws.

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. For the recycling information, please refer to our website:

1. USA: [www.viewsonic.com/pdf/RecyclePlus.pdf](http://www.viewsonic.com/pdf/RecyclePlus.pdf)
2. Europe: [www.viewsoniceurope.com](http://www.viewsoniceurope.com)
3. Taiwan: [recycle.epa.gov.tw](http://recycle.epa.gov.tw)

# Getting Started

Congratulations on your purchase of a ViewSonic® LCD display.

**Important!** Save the original box and all packing material for future shipping needs.

**NOTE:** The word “Windows” in this user guide refers to the following Microsoft operating systems: Windows ‘95, Windows NT, Windows ‘98, Windows 2000, Windows Me (Millennium), Windows XP, and Windows Vista.

## Package Contents

Your LCD display package includes:

- LCD display
- Power cord
- Audio cable (stereo mini jack)
- D-Sub cable
- HDMI - DVI-D cable
- ViewSonic Wizard CD-ROM
- Quick Start Guide

**NOTE:** The CD includes the User Guide PDF files and INF/ICM display optimization files. The INF file ensures compatibility with Windows operating systems, and the ICM file (Image Color Matching) ensures accurate on-screen colors. ViewSonic recommends that you install both the INF and ICM files.

## Precautions

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- Sit at least 18” from the LCD display.
  - **Avoid touching the screen.** Skin oils are difficult to remove.
  - **Never remove the rear cover.** This LCD display contains high-voltage parts. You may be seriously injured if you touch them.
  - Avoid exposing the LCD display to direct sunlight or another heat source. Orient the LCD display away from direct sunlight to reduce glare.
  - Always handle the LCD display with care when moving it.
  - Place the LCD display in a well ventilated area. Do not place anything on the LCD display that prevents heat dissipation.
  - Ensure the area around the LCD display is clean and free of moisture.
  - Do not place heavy objects on the LCD display, video cable, or power cord.
  - If smoke, an abnormal noise, or a strange odor is present, immediately switch the LCD display off and call your dealer or ViewSonic. It is dangerous to continue using the LCD display.
  - Do not rub or apply pressure to the LCD panel, as it may permanently damage the screen.
-



# Quick Installation

## 1. Connect power cord (and AC/DC adapter if required)

## 2. Connect video cable

- Make sure both the LCD display and computer are turned OFF
- Remove rear panel covers if necessary
- Connect the video cable from the LCD display to the computer

*Macintosh users:* Models older than G3 require a Macintosh adapter. Attach the adapter to the computer and plug the video cable into the adapter.

To order a ViewSonic® Macintosh adapter, contact ViewSonic Customer Support.

## 3. Turn ON LCD display and computer

Turn ON the LCD display, then turn ON the computer. This sequence (LCD display before computer) is important.

**NOTE:** Windows users may receive a message asking them to install the INF file. This is on the CD.

## 4. Insert the ViewSonic Wizard CD into the computer's CD drive.

Follow the on-screen instructions. If your computer does not have a CD-ROM drive, please refer to Customer Support page.

- Wait for the CD-ROM to auto-start.

**NOTE:** If the CD-ROM does not auto-start: double-click on the CD-ROM icon in the Windows Explorer, then double-click on **viewsonic.exe**.

- Follow the on-screen instructions.

## 5. Windows users: Set the timing mode (resolution and refresh rate)

*Example:* 1920 x 1200 @ 60 Hz.

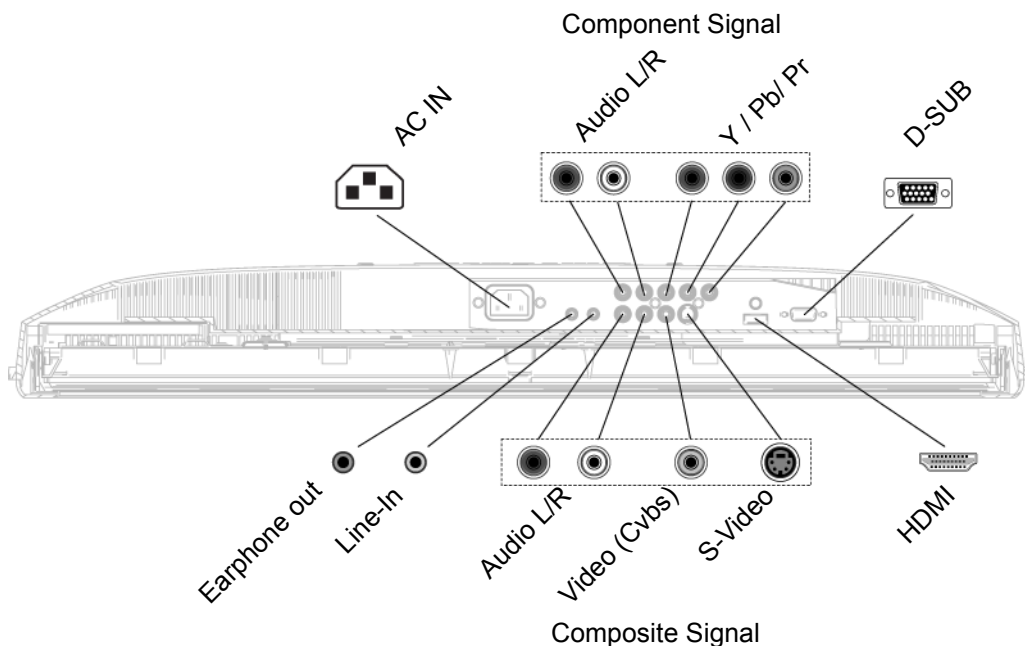
For instructions on changing the resolution and refresh rate, see the graphics card's user guide.

**Installation is complete. Enjoy your new ViewSonic LCD display.**

To be best prepared for any future customer service needs: print this user guide and write the serial number in "For Your Records" on page 4. (See back of LCD display.)

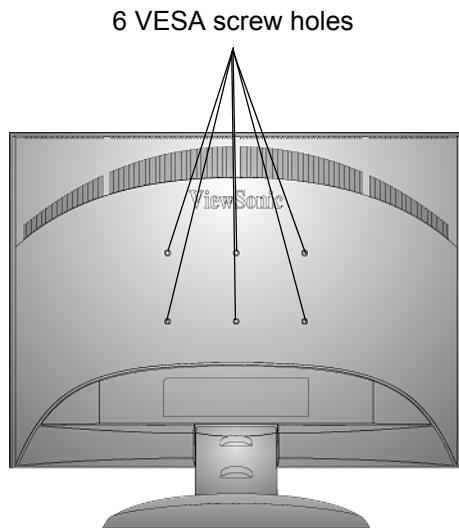
You can register your product online at the ViewSonic website for your region. See the Customer Support table in this guide.

The ViewSonic Wizard CD-ROM also provides an opportunity for you to print the registration form which you may mail or fax to ViewSonic.



## Wall Mounting (Optional)

To obtain a wall-mounting kit, contact ViewSonic® or your local dealer. Refer to the instructions that come with the base mounting kit. To convert your LCD display from a desk-mounted to a wall-mounted display, do the following:



1. Verify that the Power button is turned Off, then disconnect the power cord.
2. Lay the LCD display face down on a towel or blanket.
3. Remove the Plastic Covers from the back of the LCD display.
4. Remove the four screws attaching the base.
5. Remove the Rubber Plugs from inside the 6 VESA screw holes.
6. Attach the mounting bracket from the VESA compatible wall mounting kit (200 mm x 100 mm distance).
7. Attach the LCD display to the wall, following the instructions in the wall-mounting kit.

# Using the LCD Display

## Setting the Timing Mode

Setting the timing mode is important for maximizing the quality of the screen image and minimizing eye strain. The **timing mode** consists of the **resolution** (example 1920 x 1200) and **refresh rate** (or vertical frequency; example 60 Hz). After setting the timing mode, use the OSD (On-screen Display) controls to adjust the screen image.

For the best picture quality set your LCD display timing mode to:

**VESA 1920 x 1200 @ 60Hz.**

To set the Timing Mode:

- 1. Set the resolution:** Right-click on the Windows desktop > Properties > Settings > set the resolution.
- 2. Set the refresh rate:** See your graphic card's user guide for instructions.

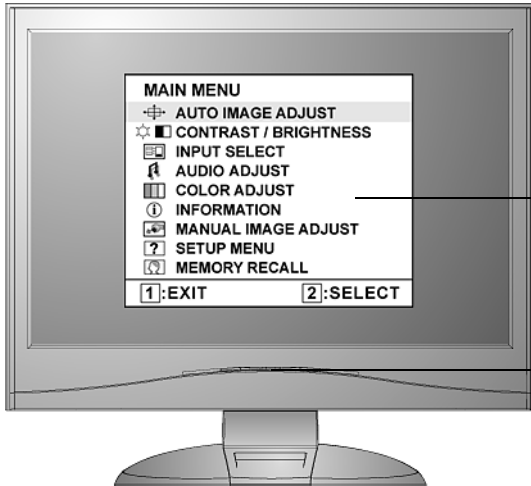
**WARNING:** Do not set the graphics card in your computer to exceed the maximum refresh rate of 75Hz; doing so may result in permanent damage to your LCD display.

## OSD and Power Lock Settings

- **OSD Lock:** Press and hold [1] and the up arrow ▲ for 10 seconds. If any buttons are pressed the message *OSD Locked* will display for 5 seconds.
- **OSD Unlock:** Press and hold [1] and the up arrow ▲ again for 10 seconds.
- **Power Button Lock:** Press and hold [1] and the down arrow ▼ for 10 seconds. If the power button is pressed the message *Power Button Locked* will display for 5 seconds. With or without this setting, after a power failure, your LCD display's power will automatically turn ON when power is restored.
- **Power Button Unlock:** Press and hold [1] and the down arrow ▼ again for 10 seconds.

# Adjusting the Screen Image

Use the buttons on the front control panel to display and adjust the OSD controls which display on the screen. The OSD controls are explained at the top of the next page and are defined in “Main Menu Controls” on page 11.



**Main Menu**  
with OSD controls

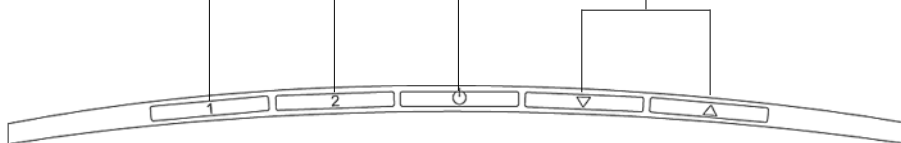
**Front Control Panel**  
shown below in detail

Displays the control screen for the highlighted control.  
Also toggles between two controls on some screens.  
Also a shortcut to Auto Image Adjust.

Displays the Main Menu or exits the control screen and saves adjustments.

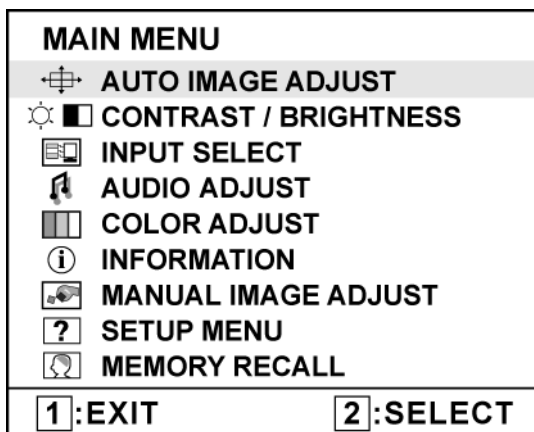
Standby Power On/Off  
Power light  
Blue = ON  
Orange = Power Saving

Scrolls through menu options and adjusts the displayed control.  
Audio Adjust (▼) / OptiColor (▲)



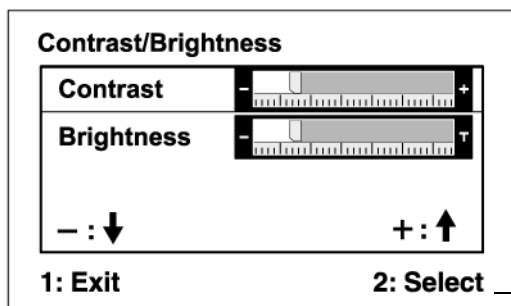
## Do the following to adjust the display setting:

1. To display the Main Menu, press button [1].



**NOTE:** All OSD menus and adjustment screens disappear automatically after about 15 seconds. This is adjustable through the OSD timeout setting in the setup menu.

2. To select a control to adjust, press▲or▼to scroll up or down in the Main Menu.
3. After the desired control is selected, press button [2]. A control screen like the one shown below appears.



The command line at the bottom of the control screen tells what to do next from this screen. You can toggle between control screens, adjust the selected option, or exit the screen.





4. To adjust the setting, press the up ▲ or down ▼ buttons.
5. To save the adjustments and exit the menu, press button [1] *twice*.

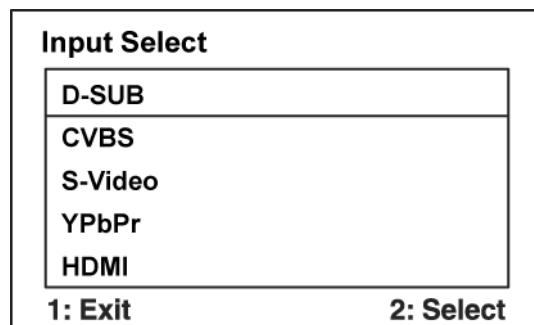
## The following tips may help you optimize your display:

- Adjust the computer's graphics card so that it outputs a 1920 x 1200 @ 60Hz video signal to the LCD display. (Look for instructions on “changing the refresh rate” in the graphics card's user guide.)
- If necessary, make small adjustments using H. POSITION and V. POSITION until the screen image is completely visible. (The black border around the edge of the screen should barely touch the illuminated “active area” of the LCD display.)

# Main Menu Controls

Adjust the menu items shown below by using the up ▲ and down ▼ buttons.

Control	Explanation
	<b>Auto Image Adjust</b> sizes and centers the screen image automatically.
	<b>Contrast</b> adjusts the difference between the image background (black level) and the foreground (white level).
	<b>Brightness</b> adjusts background black level of the screen image.
	<b>Input Select</b> toggles between inputs if you have more than one computer connected to the VX2835wm. <b>Note:</b> Please press the power on/off key to restart monitor when changing the HDMI input device.



## Audio Adjust

**Volume** increases the volume, decreases the volume, and mutes the audio.

**Treble** Adjusts the treble level.

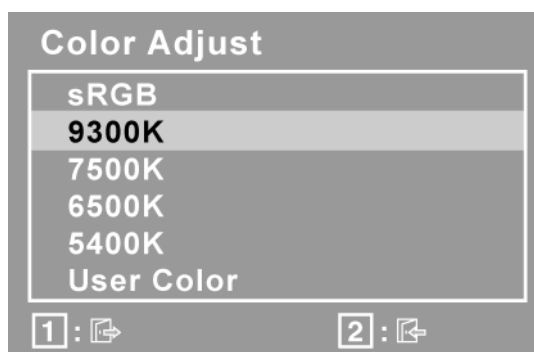
**Bass** Adjusts the bass level.

**Balance** Adjusts left and right audio balance.

**Mute** temporarily silences audio output.



**Color Adjust** provides several color adjustment modes, including preset color temperatures and a User Color mode which allows independent adjustment of red (R), green (G), and blue (B). The factory setting for this product is 6500K (6500 Kelvin).



**sRGB**-This is quickly becoming the industry standard for color management, with support being included in many of the latest applications. Enabling this setting allows the LCD display to more accurately display colors the way they were originally intended. Enabling the sRGB setting will cause the Contrast and Brightness adjustments to be disabled.

**9300K**-Adds blue to the screen image for cooler white (used in most office settings with fluorescent lighting).

**7500K** - Adds blue to the screen image for cooler white (used in most office settings with fluorescent lighting).

**6500K**-Adds red to the screen image for warmer white and richer red.

**5400K**-Adds green to the screen image for a darker color.

**User Color** Individual adjustments for red (R), green (G), and blue (B).

1. To select color (R, G or B) press button [2].

2. To adjust selected color, press▲and▼.

**Important:** If you select RECALL from the Main Menu when the product is set to a Preset Timing Mode, colors return to the 6500K factory preset.



**Information** displays the timing mode (video signal input) coming from the graphics card in the computer, the LCD model number, the serial number, and the ViewSonic® website URL. See your graphics card's user guide for instructions on changing the resolution and refresh rate (vertical frequency).

**NOTE:** VESA 1920 x 1200 @ 60Hz (recommended) means that the resolution is 1920 x 1200 and the refresh rate is 60 Hertz.

**Video Format** only acts on video signal.

**Information**

H. Frequency: XX	kHz
V. Frequency: XX	Hz
Resolution: XXXXXXXXX	
Pixel Clock: XXXXXX	MHz
Video Format:	
Serial Number: XXXXXXXXXXXXX	
Model Number: XXXXXXXXXXXXX	
www.ViewSonic.com      1: Exit	



**Manual Image Adjust**

**Manual Image Adjust**

- Horizontal Size
- H./V. Position
- Fine Tune
- Sharpness
- Tint
- Colour
- Aspect Ratio
- OptiColor Mode
- OptiColor Skin Tone
- PIP

1: Exit      2: Select



**Horizontal Size** adjusts the width of the screen image.



**H./V. Position (Horizontal/Vertical Position)** moves the screen image left or right and up or down.

**H./V. Position**








H. Position

V. Position

- : ↓
+ : ↑

1: Exit      2: Select



Control	Explanation
	<p><b>Fine Tune</b> sharpens the focus by aligning text and/or graphics with pixel boundaries.  <b>NOTE:</b> Try Auto Image Adjust first.</p>
	<p><b>Sharpness</b> adjusts the clarity and focus of the screen image.</p>
	<p><b>Tint</b> Adjusts the Hue level of image. (It's inactive in D-SUB mode only)</p>
	<p><b>Colour</b> Adjusts the saturation level of image. (It's inactive in D-SUB mode only)</p>
	<p><b>Aspect ratio</b> Selects the image size for 1:1, 4:3, 16:9 &amp; full screen.</p>
	<p><b>OptiColor Mode</b> provides an optimum display environment depending on the contents displayed. It contains 7 user-selectable presets. These 7 presets are easily accessible from the short cut keys.</p>
	<p><b>Standard</b> is for general windows environment and monitor default setting.</p>
	<p><b>Text</b> optimized for text editing and viewing in a word processing environment.</p>
	<p><b>Cinema</b> optimized for movie and video environment.</p>
	<p><b>Game</b> optimized for PC/TV game environment.</p>
	<p><b>Portrait</b> optimized for displaying indoor portraits and enhancing pictures.</p>
	<p><b>Scenery</b> optimized for displaying outdoor scenery images.</p>
	<p><b>Vivid</b> optimized for color luster and sharpness.</p>
	<p>These 7 presets are carefully chosen by Viewsonic, but may not suit all users' tastes. In that case, the user can either return to the Standard setting and manually adjust the brightness and contrast as desired.</p>
	<p><b>OptiColor Skin Tone</b> includes 3 presets (Natural / Red Tone / Yellow Tone) which user can select according to user's preference.</p>

**PIP (Picture In Picture)** allows you to watch two screens from different sources at the same time.



**PIP Input Source Select**

1. Select input source for sub-screen as following.

Main Screen	Available Sub-Screen Input Source
HDMI	AV / S-Video
YPbPr	AV / S-Video
VGA (D-sub)	AV / S-Video
AV (CVBS)	HDMI / YPbPr / VGA
S-Video	HDMI / YPbPr / VGA

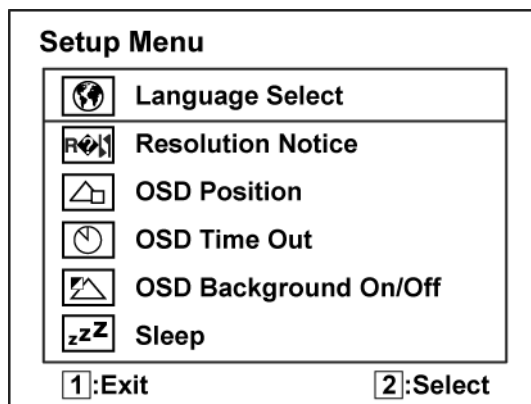
2. Use ▲/▼ to select the sub-input source and press **2** to confirm.

**PIP Size Select:** Select the size of sub-screen. The function only acts on PIP.

**PIP Position Select:** Select the position of sub-screen. The function only acts on PIP.



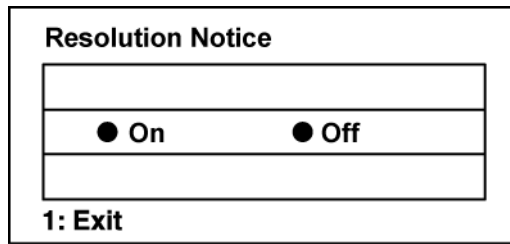
**Setup Menu** displays the menu shown below:



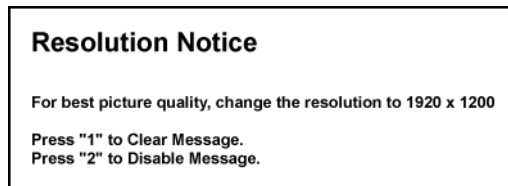
**Language Select** allows the user to choose the language used in the menus and control screens.



**Resolution Notice** allows the user to enable or disable this notice.



If you enable the Resolution Notice shown above and your computer is set at a resolution other than 1920 x 1200, the following screen appears.



**OSD Position** allows the user to move the OSD menus and control screens.



**OSD Timeout** sets the length of time the OSD screen is displayed. For example, with a “30 second” setting, if a control is not pushed within 30 seconds, the display screen disappears.



**OSD Background** allows the user to turn the OSD background On or Off.



**Sleep** Set up the auto power off time for 30/45/60/120 minutes. (It's inactive in D-SUB mode only)



**Memory Recall** returns the adjustments back to factory settings if the display is operating in a factory Preset Timing Mode listed in the Specifications of this manual.

# Other Information

## Specifications

<b>LCD</b>	Type	27.5" (full 27.5" viewable diagonal area), TFT (Thin Film Transistor), Active Matrix WUXGA LCD, 0.309 mm pixel pitch	
	Color Filter	RGB vertical stripe	
	Glass Surface	Anti-Glare	
<b>Input Signal</b>	Video	RGB Analog (0.7 / 1.0 Vp-p , 75 ohms), Composite (1.0 Vp-p , 75 ohms), S Video (Y : 1.0Vp-p ;C : 0.3Vp-p , 75 ohms), YPbPr (Y:1.0Vp-p ; Pb:0.7 Vp-p,Pr:0.7 Vp-p , 75 ohms ), HDMI (TMDS digital, 100ohms)	
	Sync	Composite Sync, Separate Sync, Sync on Green f <sub>h</sub> :24-82 kHz, f <sub>v</sub> :50-85 Hz	
<b>Compatibility</b>	PC Macintosh <sup>1</sup>	Up to 1920 x 1200 Non-interlaced Power Macintosh up to 1920 x 1200	
<b>Resolution</b>	Recommended and supported	1920 x 1200 @ 60 Hz 1680 x 1050 @ 60, 75 Hz 1600 x 1200 @ 60 Hz 1400 x 1050 @ 60, 75 Hz 1280 x 1024 @ 60, 70, 72 Hz 1024 x 768 @ 60, 70, 75, 85 Hz 800 x 600 @ 56, 60, 72, 75, 85 Hz 640 x 480 @ 60, 75, 85 Hz 720 x 400 @ 70 Hz	
<b>Power</b>	Voltage	100-240 VAC, 50/60 Hz (auto switch)	
<b>Display area</b>	Full Scan	593.3 mm (H) x 370.8 mm (V) 23.4" (H) x 14.6" (V)	
<b>Operating conditions</b>	Temperature	41° F to + 95° F (5° C to + 35° C)	
	Humidity	20% to 80% (non-condensing)	
	Altitude	To 10,000 feet	
<b>Storage conditions</b>	Temperature	-4° F to + 131° F (-20° C to + 55° C)	
	Humidity	20% to 85% (non-condensing)	
	Altitude	To 40,000 feet	
<b>Dimensions</b>	Physical	662 mm (W) x 580 mm (H) x 306 mm (D) 26" (W) x 22.8" (H) x 12" (D)	
<b>Weight</b>	Physical	26.5 lb (12 kg)	
<b>Regulations</b>		BSMI, CCC, PSB, C-Tick, CE, MIC, VCCI, Ergo, Gost-R/Hygienic, SASO, TCO'06, Ukraine, UL/cUL, FCC-B, ICES-B, NOM, TUV-S, ENERGY STAR <sup>®</sup>	
<b>Power saving modes</b>	On	Normal	(blue LED)
	Off	<1W	(orange LED)
<b>Preset Timing Mode</b> (pre-adjusted to VESA <sup>®</sup> 1920 x 1200 @ 60 Hz)			
<b>Warning:</b> Do not set the graphics card in your computer to exceed these refresh rates; doing so may result in permanent damage to the LCD display.			

<sup>1</sup> Macintosh computers older than G3 require a ViewSonic<sup>®</sup> Macintosh adapter. To order an adapter, contact ViewSonic.

# Troubleshooting

## No power

- Make sure power button (or switch) is ON.
- Make sure A/C power cord is securely connected to the LCD display.
- Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.

## Power is ON but no screen image

- Make sure the video cable supplied with the LCD display is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached permanently to the LCD display, tightly secure it to the LCD display.
- Adjust brightness and contrast.
- If you are using an Macintosh older than G3, you need a Macintosh adapter.

## Wrong or abnormal colors

- If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.
- Connect the LCD display to another computer.
- If you have an older graphics card, contact ViewSonic® for a non-DDC adapter.

## Control buttons do not work

- Press only one button at a time.

## Customer Support

For technical support or product service, see the table below or contact your reseller.

**NOTE:** You will need the product serial number.

Country/Region	Website	T = Telephone F = FAX	Email
United States	www.viewsonic.com	T= 800 688 6688 F= 909 468 1202	service.us@viewsonic.com
Canada	www.viewsonic.com	T= 866 463 4775 F= 909 468 5814	service.ca@viewsonic.com
Latin America (Mexico/Chile)	www.viewsonic.com	T= 866 323 8056 F= 909 444 5655	soporte@viewsonic.com
United Kingdom	www.viewsoniceurope.com/uk	www.viewsoniceurope.com/ uk/Support/Calldesk.htm	
Europe, Middle East, Baltic countries, and North Africa	www.viewsoniceurope.com	Contact your reseller	
Australia/New Zealand	www.viewsonic.com.au	AUS= 1800 880 818 NZ= 0800 008 822	service@au.viewsonic.com
Singapore/Malaysia/ Thailand	www.ap.viewsonic.com	T= 65 64616044	service@sg.viewsonic.com
South Africa and other countries	www.ap.viewsonic.com	T= 886 2 2246 3456 F= 886 2 2249 1751	service@sd.viewsonic.com
India	www.in.viewsonic.com	T= 1800 11 9999	service@in.viewsonic.com
Hong Kong	www.hk.viewsonic.com	T= 852 3102 2900	service@hk.viewsonic.com
Macau	www.hk.viewsonic.com	T= 853 700 303	service@hk.viewsonic.com
Korea	www.kr.viewsonic.com	T= 080 333 2131	service@kr.viewsonic.com

## Cleaning the LCD Display

- MAKE SURE THE LCD DISPLAY IS TURNED OFF.
- NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE.

### To clean the screen:

1. Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
2. If the screen still not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

### To clean the case:

1. Use a soft, dry cloth.
2. If the case still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

### Disclaimer

- ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the LCD display screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the LCD display.
- ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

# Limited Warranty

## VIEWSONIC® LCD DISPLAY

### What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

### How long the warranty is effective:

ViewSonic LCD displays are warranted for 3 years for all parts including the light source and 3 years for all labor from the date of the first consumer purchase.

### Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

### What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
  - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - b. Repair or attempted repair by anyone not authorized by ViewSonic.
  - c. Any damage of the product due to shipment.
  - d. Removal or installation of the product.
  - e. Causes external to the product, such as electrical power fluctuations or failure.
  - f. Use of supplies or parts not meeting ViewSonic's specifications.
  - g. Normal wear and tear.
  - h. Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, and set-up service charges.

### How to get service:

1. For information about receiving service under warranty, contact ViewSonic Customer Support (Please refer to Customer Support page). You will need to provide your product's serial number.
2. To obtain warranted service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized ViewSonic service center or ViewSonic.
4. For additional information or the name of the nearest ViewSonic service center, contact ViewSonic.

### Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

### Exclusion of damages:

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.

### Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

### Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.

The warranty period for this product in mainland China (Hong Kong, Macao and Taiwan Excluded) is subject to the terms and conditions of the Maintenance Guarantee Card.





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