COSMOS

8. Attachment

- User Manual

ViewSonic®

VP150 ViewPanel ™

User's Guide

Guide de l'utilisateur

Bedienungsanleitung

Manual de instrucciones

Guide utente

Guia do usuário

Användarhandbok

(Russian)

ユーザーマニュアル

(Traditional Chinese -Taiwan)

(Simplified Chinese - China)

(Korean)
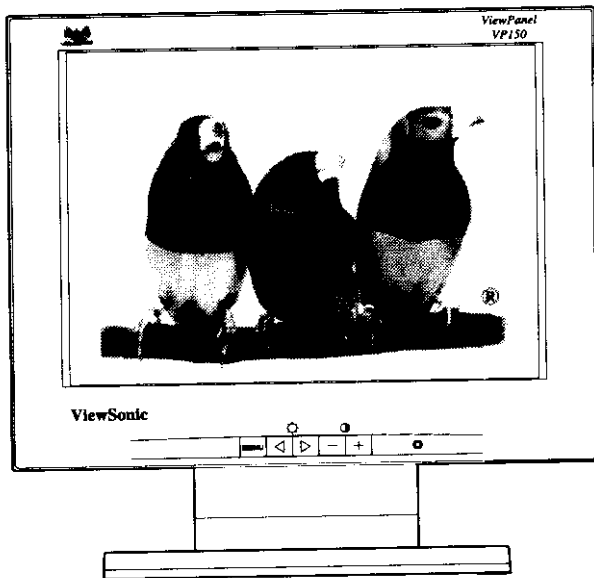
with Plug & Play +
15" (Viewable Diagonal)

VLCDS21434-1

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

For Your Records

The serial number of this product is on the back of the monitor. Write the serial number of this unit in the space below and keep this booklet as a permanent record of your purchase to aid in identification in the event of theft or loss.

Product Name:	ViewSonic VP150 ViewPanel™
Model Number:	VLCDS21434-1
Serial Number:	_____
Purchase Date:	_____

Electronic Warranty Registration

Register your ViewPanel™ at www.viewsonic.com. It's fast, easy and will simplify future support needs.

Power Cord Safety Guidelines

Caution : Use a power cable that is properly grounded. Always use the AC cords listed below for each area :

USA ....UL
Canada ....CSA
Germany ....VDE
Switzerland ....SEV
Britain ....BASEC/BS
Japan ....Electric Appliance Control Act

In other areas, use AC cord which meets local safety standards.

ViewSonic VP150

Power Cord Safety Guidelines (continued)

AC PLUG CORD PRECAUTIIONS FOR THE UNITED KINGDOM
FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET THEN THE PLUG SHOULD BE CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO AN APPROPRIATE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow:	**Earth**
Blue:	**Neutral**
Brown:	**Live**

If the coloured wires of the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the Earth symbol ⏚ or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord for this unit has been packed separately and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set.

The female receptacle of the cord set must meet CEE-22 requirements and will look like Figure 1 below:

Figure 1

For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure 2) UL Listed and CSA Labelled. For units which are mounted on a desk or table, type SVT or SJT cord sets may be used. For units which sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult Table A below for the selection criteria for power cords used in the United States and Canada.

Figure 2

For European Countries

In Europe you must use a cord set which is appropriate for the receptacles in your country. The cord set is HAR-Certified, and the mark ◀ HAR ▶ will appear on the outer sheath, or on the insulation of one of the inner conductors.

If you have any questions concerning the proper power cord to use, please consult with the dealer from whom you have purchased your monitor.

Table A

Cord Type	Size of Conductors In Cord	Maximum Current Rating of Unit
SJT	18AWG 16AWG 14AWG	10Amps 12Amps 12Amps
SVT	18AWG 17AWG	10Amps 12Amps

ViewSonic VP150

FCC Information

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.

FCC Warning:

To assure continued FCC compliance, the user must use grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications to this monitor would void the user's authority to operate this device.

Power Supply Cord USA

For units with 100 - 120V input voltage in the USA, use the following :
UL Listed and CSA Certified Type SVT or SJT No. 18/3 AWG rated 125Vac 7A min.
One end terminated in a molded on parallel blade, grounding attachment cap or hooded attachment cap (15A, 125V configuration), other end terminated in a mold-on appliance coupler.

Notice for Germany

For ergonomic reasons, we recommend that you do not display blue characters on a dark background. Doing so may produce insufficient contrast that could lead to eye strain.

Notice for Japan

This equipment falls under the class B information Technology Equipment based on the standard established by the self-imposed Control Council for Radio interference through information-processing Equipment (VCCI). This equipment is designed to be used in a household environment, However, if it is used near radio and television receiver units, radio disturbances can occur. Use this equipment appropriately according to the instruction manual.

CE Conformity

C€ 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".

Required item	Relative to Standard Value	Relative to those Exceeding Standard Value	Remarks
EMI*	# 1		# 4
ESD*	# 2	# 3	
RADIATED RF*	# 1	# 3	
TRANSIENT F/B*	# 1	# 3	
LINE HARMONICS	# 1		

1: Satisfies the standards with no problems in performance and reliability.

2: Effects may appear temporarily on the screen but there will be no problem in reliability.

3: There is fear of the product breaking down.

4: If a signal cable other than that specified is used, it may be the cause of electromagnetic wave interruption of peripheral devices. To assure continued CE compliance the user must use the provided 1.8m shielded video signal cable with bonded ferrite cores at both ends of the cable.

Handle correctly in accordance with the instruction manual.

*EMI : Electromagnetic Interference *ESD : Electrostatic Discharge *RF : Radio Frequency *F/B : Fast Burst

ViewSonic VP150

CONTENTS

Getting Started

Operation

Other Information

* To meet your future needs, and to receive any additional product information as it becomes available,
please register your ViewPanel™ warranty on the Internet at: http://www.viewsonic.com.

ViewSonic VP150

Getting Started

Congratulations on your purchase of a **ViewSonic** *VP150* **ViewPanel**™ monitor. *Important!* Save the original box and all packing material for future shipping needs. The word "Windows®" in this user guide refers to the following Microsoft® operating systems: Windows '95, Windows '98, Windows NT (5.0).

Package Contents

Your **ViewSonic** *VP150* package includes :

- **ViewSonic** *VP150* **ViewPanel**™
- Video cable with 15 pin high density mini D-Sub connector
- Power cords { US, PC Type }
- User's Guide
- Software diskette or CD-ROM with Windows '95 driver (.inf file)
- Macintosh adapter

Precautions

- For the best viewing conditions, sit at least 18" from the monitor.
- AVOID TOUCHING THE SCREEN WITH YOUR FINGERS. Oils from the skin are difficult to remove.
- NEVER REMOVE THE REAR COVER. The monitor contains high-voltage parts. You may suffer serious injury if you touch these parts.
- Avoid exposing the monitor to direct sunlight or another heat source. The monitor should be facing away from direct sunlight to reduce glare.
- Choose a well ventilated area to position your monitor. Do not place anything on the monitor that prevents adequate dissipation of heat.
- Ensure the area around the monitor is clean and free of moisture.
- Keep the monitor away from magnets, motors, transformers, speakers, and televisions.
- Do not place heavy objects on the monitor, video cable, or power cord.
- If smoke, abnormal noise, or strange odor is present, immediately switch the monitor off and call your dealer or ViewSonic®. It is dangerous to continue using the monitor.
- Always handle your monitor with care when moving it.

Quick Installation

1 Write the serial number printed on the back of the monitor in the space provided in "For Your Records" on page 1.

2 Read the **Precautions** section thoroughly (page 5) before installing the monitor. Make sure the computer and the monitor are both turned off before connecting any cables.

3a *PC users*: Attach the video cable to the computer.

3b *Macintosh users*: Attach the video cable to the computer using the supplied Macintosh adapter.

4 Attach the appropriate power cord to the back of the monitor, then plug the other end of the power cord into the power source (wall socket or PC).

5 Turn the computer on.

6 Press the **POWER** button on the right side of the monitor ON. (The Power light will turn green.)

7 Adjust the user controls to suit your personal preference. See *Operation*, and if there are any problems see *Troubleshooting*. For the recommended screen resolution, see Preset Timing Modes in *Other Information*, as well as your graphics card user guide for more detail.

Installation is complete! Enjoy your new *VP150* Color LCD Monitor!

Connecting the ViewPanel™
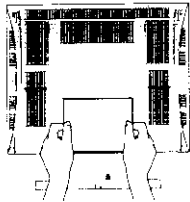
A. Remove cover
1. Grasp the bottom of the cover with both hands.
2. Carefully pull away from the **ViewPanel.**
3. Lift off cover.

B. Remove cover
1. Turn the computer off.
2. Connect the computer cable to the **ViewPanel** and the computer.
3. Connect the power cord to a grounded, 3-prong wall socket.

Computer cable

Power cord
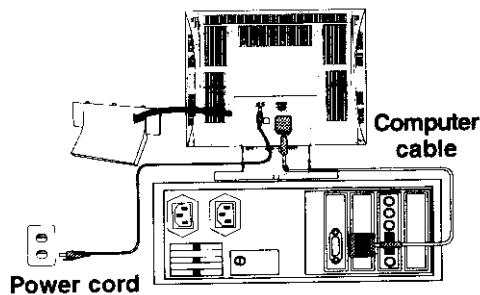
C. Replace cover
1. Position the top tabs of the back cover into the back of the **ViewPanel.**
2. Snap the cover into place.

Operation

To adjust the ViewPanel™, follow the numbered steps in sequence as shown below.

Front Control Panel

- Displays the menu. Exits the menu or control screen.

- Decreases or increases the value of the selected option from the control screen for that option. With no menu on screen, this displays the contrast control screen and decreases or increases the value of contrast.

| MENU | ◁ | ▷ | – | + | ◎ |

- Selects one option to the left or right on the menu with the menu on screen. With no menu on screen this displays the brightness control screen and decreases or increases value of brightness.

Power light:
Green = on
Yellow = power saving mode

OnView® Main Menu

1 Press [MENU] button to display the Main Menu shown below.

2 Press the [◁] or [▷] buttons to select a control option to adjust.

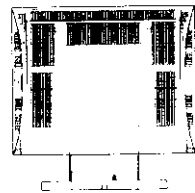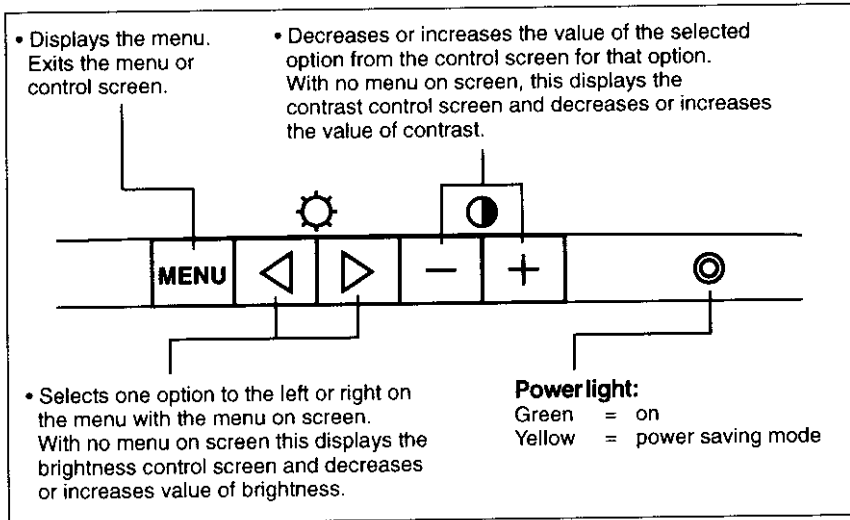3 At each individual control screen, press the [–] or [+] to make adjustments.

4 Press [MENU] button to save changes and exit the screen. The Main Menu also clears automatically approximately 20 seconds after pressing any button.

Main Menu

Setup for 1024 × 768 resolution only   For resolution other than 1024 × 768

Horizontal Size
Vertical Size

▶❶	☼	⊡	▥	🖶
≡	🗗	፧⊙	🖾	⅞
🗗	◆	▥	🖼

❶ 100
MENU   CONTRAST

▶❶	☼	⊡	▭	🖶
⊡	🗗	፧⊙	🖾	⅞
🗗	◆	▥	🖼

❶ 100
MENU   CONTRAST

The pointer shows which icon is selected.   Names of icon selected.   Control screen for the selected icon.

Control bar
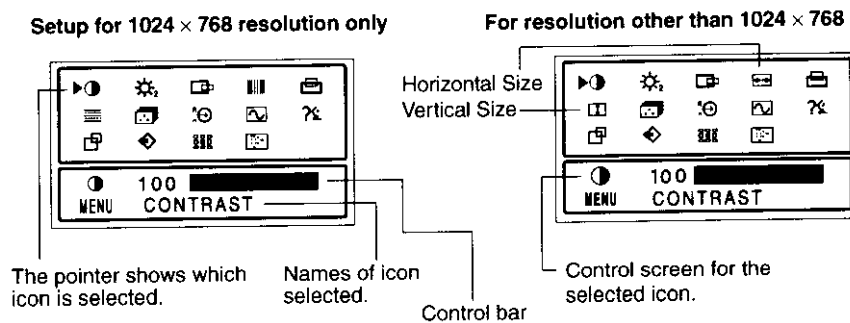
To exit a screen and save changes, press [MENU] button.

◑ CONTRAST
This control adjusts the contrast between the background (black level) and the foreground (white level) of the screen image.
    – Decreases the contrast of the screen image.
    + Increases the contrast of the screen image.
Shortcut:To display the contrast control screen without using the menu, press the minus [–] or plus [+] button. Press [–] or [+] again to adjust. To return contrast to the factory settings, press the [–] and [+] buttons simultaneously. To exit the control screen, press MENU.

☼₁ BRIGHTNESS
The Brightness control is not on the menu. This control adjusts the background brightness of the screen image. To display the brightness control screen, press the left [◁] or right [▷] arrow. Then press minus [–] or plus [+] to adjust brightness.
    – Decreases the brightness of the image.
    + Increases the brightness of the image.
Shortcut:To return brightness to the factory setting, press the left [◁] and right [▷] arrows simultaneously. To exit the control screen, press MENU.

☼₂ BACKLIGHT
This control adjusts the light source behind the LCD panel.
    – Darkens the backlight of the screen image.
    + Lightens the backlight of the screen image.
To return backlight to the maximum level that was set at the factory, press the minus [–] and plus [+] buttons simultaneously. To exit the control screen, press MENU.

⊡ HORIZONTAL POSITION
This control moves the screen image left or right.
    – Moves the screen to the left
    + Moves the screen to the right.

↔ HORIZONTAL SIZE
This control adjusts the horizontal size (width) of the screen image.
    – Decreases the width of the screen image.
    + Increases the width of the screen image.

||||| VERTICAL FINETUNE (only 1024 × 768 resolution)
This control adjusts the vertical timing for 1024 × 768 resolution. See page 11 for more details.
    – Decreases the horizontal stripes in the screen image.
    + Increases the horizontal stripes in the screen image.

⊟ VERTICAL POSITION
This control adjusts the vertical position of the screen image up or down.
    – Moves the screen image down.
    + Moves the screen image up.
Settings that turn pink are beyond the calibrated range and are not effective.

To exit a screen and save changes, press [MENU] button.

[Z] VERTICAL SIZE

This control adjusts the vertical size (height) of the screen image.
- Decreases the height of the screen image.
+ Increases the height of the screen image.

▦ HORIZONTAL FINETUNE (only 1024 × 768 resolution)

This control adjusts the horizontal timing only for 1024 × 768 resolution. See page 11 for more details. Press the minus [–] or plus [+] button until the horizontal stripes disappear from the screen image.

🎛 COLOR TEMP

This control is for adjusting color. With the color icon on the menu selected, press the minus [–] or plus [+] button to select option 1 for standard 6500 K, or option 2 for bluish color at 9300 K. The screen image automatically changes when you select option 1 or 2.
1. To adjust the individual intensity of red (R), green (G), or blue (B) in the screen image select [ADJ]
2. To show the control screen press the plus [+] button.
3. To select R, G, or B, press the right [▷] arrow.
4. To adjust the color selected, press the minus [–] or the plus [+] button.
   - Decreases the temperature of the color selected.
   + Increases the temperature of the color selected.
5. To exit the R, G, B control screen, press the MENU button.

⊕ VIDEO LEVEL

The video input signal level of your computer is adjusted automatically to 0.7 V – 1.0 V. To automatically adjust all functions to factory presets, press the "+" key.

[∿] DISPLAY FREQUENCY

This control displays the current horizontal and vertical frequencies for the **ViewPanel™**.
1. Set your computer resolution at 1024 × 768 at 75 Hz refresh rate for the best performance of your **ViewPanel™**. See the user guide that came with your computer for instructions. Other timings degrade product performance.
2. Set your **ViewPanel™** according to the instructions on page 11. The screen may appear yellow if the frequencies exceed the calibrated range.

🎎 LANGUAGE

This control allows you to choose the language used in the menus and control screens.
1. When the language icon selected, press the minus [–] or plus [+] button to select one of the following languages.

DEU	Sprache, German	FRA	Langue, French
ENG	Language, English	ITA	Lingua, Italian
ESP	Lenguaje, Spanish		

2. To exit the language control screen, press the MENU button.

To exit a screen and save changes, press [MENU] button.

⌸ AUTO SIZE

This control automatically centers and sizes the screen for you. Press the minus
[–] or plus [+] to select Auto Size ON. The screen image automatically sets
itself.

◆ RECALL

If the **ViewPanel™** is operating in a factory preset mode (See page 12), this
control resets the image to the factory settings. If the **ViewPanel™** is operating
in a user defined mode (See page 12), this control has no effect.

▤ OSD POSITION

Use this control to adjust the position of the OnView® control screen that is displayed.

▦ PICTURE

Image quality can be set to four different modes to match the type of input.

1) OFFICE MODE
   Lowers the brightness when the monitor is to be used for an extended time.
2) STANDARD MODE
   The factory setting.
3) DYNAMIC MODE
   Emphasizes the outlines of images to make them sharper and easier to view.
4) ENTERTAINMENT MODE
   Emphasizes the outlines of images even more than the Dynamic mode.

ERROR SCREENS

The screen appears a few seconds after pressing a button when :
• The **ViewPanel** is not connected properly to a computer
• The computer is turned off
• The **ViewPanel** is in power saving mode (See page 11 for more information on
  the power saving mode.)
To exit the screen, press the MENU button. Turn off the **ViewPanel** and connect
it to your computer. Restart your computer and the **ViewPanel**. (See also the
Troubleshooting and the Installation section in this guide.)

The SIGNAL ERROR screen appears a few seconds after pressing a button when
the input signal exceeds the specified range.

To exit the screen, press the MENU button. Turn off the **ViewPanel**. Connect the
ViewPanel to your computer. Restart the computer. Turn on the **ViewPanel**. (See
also the Troubleshooting and the Installation section in this guide.)

Adjusting the Screen

The following setup is required for your **ViewPanel**™:

1. For best perfprmance, set your computer or video card to 1024 × 768 Resolution.

2. Set your conputer or video card to a Refresh rate of either 60 or 75Hz.

3. Press the **MENU** button (See pages 7-10 for more details on each adjustment).

4. Select **AUTO SIZE** by pressing the left [◁] or right [▷] arrow. To activate, press the plus [+] or [–] button.

5. Select **HORIZONTAL FINETUNE** by pressing the left [◁] or right [▷] arrow. Then adjust for the sharpest image possible by pressing the [+] and [–] buttons.

6. To Save changes and Exit the screen, press the MENU button.

If the image is still unstable, unfocused, or fuzzy after adjustment check the Helpful Hints and/or the Troubleshooting section.

Helpful Hints

Problem	Helpful Hints
The image is unstable, unfocused or fuzzy.	Fine adjustments are more easily made if a 1 Dot ON, 1 Dot OFF pattern is displayed. To do so in Windows 95® or 98®, Click on the Start Button and select ShutDown. Now adjust the monitor using the **HORIZONTAL FINETUNE** and **VERTICAL FINETUNE** controls.
Image is still unfocused or unstable.	Change your graphic card refresh rate to either 60 or 75Hz. With LCD Technology, 60Hz flicker is not a problem.
Two Identical Images are present.	The VP150 ViewPanel is not compatible with Interlaced signals. Set your graphic card refresh rate to either 60 or 75Hz.
AUTOSIZE control does not work.	When activiating the **AUTOSIZE** function, be sure that a whole image is being displayed.

Other information

Specifications

LCD	Type	15" LuCid™, TFT (Thin Film Transistor), Active Matrix Panel, 0.297 mm pixel pitch RGB vertical stripe, Anti-Glare, hard coat
Input Signal	Video Sync	Separate, Composite, Sync-on-green, f$_H$: 30 - 61 kHz, f$_V$: 50 - 77 Hz
Compatibility	PC Macintosh®	Up to 1024 × 768 NI Power Mac®
Maximum Refresh Rates*		1024 × 768 NI @ 75 Hz 800 × 600 NI @ 77 Hz 640 × 480 NI @ 77 Hz
Power	Voltage	100 - 240 V AC (auto switch) 50 / 60 Hz
Display Area	Default Full Scan	304 mm (H) × 228 mm (V) Typical 304 mm (H) × 228 mm (V) Depends on signal timing
Operating Conditions	Temperature Humidity Altitude	32 °F to 95 °F (0 °C to 35 °C) 5 % to 90 % (no condensation) To 10,000 feet
Storage Conditions	Temperature Humidity Altitude	-4 °F to +140 °F (-20 °C to +60 °C) 5 % to 90 % (no condensation) To 40,000 feet
Dimensions	Physical	385 mm (W) × 391 mm (H) × 180 mm (D) 15.1" (W) × 15.4" (H) × 7.1" (D)
Weight	Net	6.9 kgs (15.2 lbs)
Regulations		UL, CSA, TÜV/GS, NORDIC, FCC-B, IC-B, CE/CISPR 22-B, VCCI-B, MPR-II, TCO'95/NUTEK, ISO9241-3 (Ergonomics), ENERGY STAR®, BCIQ, C-Tick
Power saving modes	On DPMS™ Stand By DPMS Suspend DPMS Off	40 W typical (green LED) < 15 W (yellow LED) < 15 W (yellow LED) < 5 W (yellow LED)
Other Features		Compatible with the display data channel standards DDC™1 and DDC™2B, Plug & Play +

Warning: Do not set the graphics card in your computer to exceed these maximum refresh rates. Doing so may result in permanent damage to the monitor. NI= Non Interlaced.

Preset Timing Modes

(VESA® 1024 × 768 @ 75Hz is recommended)

NEC 640 × 400 @ 56Hz	VESA 800 × 600 @ 56Hz, 60Hz, 72Hz, 75Hz
VGA 640 × 350 @ 70Hz	VESA 1024 × 768 @ 60Hz, 70Hz, 72Hz, 75Hz
VGA 640 × 480 @ 60Hz	Macintosh 640 × 480 @ 67Hz
VGA 640 × 400 @ 70Hz	Macintosh 832 × 624 @ 75Hz
VESA 640 × 480 @ 72Hz, 75Hz	Macintosh 1024 × 768 @ 75Hz

Troubleshooting

No power
- Press Power button ON.
- Make sure AC power cord is securely connected to the back of the monitor and to a power outlet.
- Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.

Power on but no screen image
- Make sure the video cable supplied with the monitor 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 monitor, tightly secure it to the monitor.
- Adjust brightness and contrast.
- Check this user's guide to see if an adapter is required for proper signal continuity between graphics card and monitor.

Flickering
- Not enough power supplied. Connect the monitor to a different outlet. If using a surge protector, reduce the number of devices plugged in.
- Select the ViewMeter® from the main menu (page 12) to verify the refresh rate (vertical frequency) is 60 Hz or higher. See Specifications on page 12.
- Make sure the graphics card in your computer can use non-interlaced mode at the desired frequencies.
- Remove any devices from the area around the monitor that emits magnetic fields such as radios, surge protectors, unshielded speakers, fluorescent lights, AC power converters, desk fans, etc.

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 monitor to another computer.
- Check your graphics card for proper sync scheme (or sync polarities) to match the monitor's specifications.
- Turn monitor OFF, wait one minute, then turn ON again. Do this only once.

Entire screen image scrolls (rolls) vertically
- Make sure video input signals are within the monitor's specified frequency range.
- Try the monitor with another power source, graphics card, or computer system.
- Connect the video cable securely.

Control buttons do not work
- Press only one button at a time.

Image is unstable, unfocused, fuzzy, or swimming is present
- Adjust the ViewPanel™ accordimg to the directions on page 11.
- Check the monitor and signal source with respect to compatibility and recommended signal timings.

Image persistence or "Burn-In"
- Unlike CRT monitors, image persistence or "Burn-In" is not permanent on your ViewPanel. To recover from "Burn-In", leave the ViewPanel OFF for an extended time. ViewSonic recommends the use of a screen saver when the screen is not in use.

ViewSonic VP150   Other information

Cleaning the ViewPanel

- MAKE SURE THE MONITOR IS TURNED OFF.
- DO NOT APPLY PRESSURE TO THE SCREEN.
- NEVER POUR OR SPRAY ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE OF THE VIEWPANEL.

To clean the screen:

1 Gently wipe the screen with a clean camel hair lens brush, or a soft, clean, lint-free cloth. This removes dust and other particles that can scratch the screen.

2 If still not clean, blow on the screen and gently wipe with a soft, clean, lint-free cloth.

DISCLAIMER

ViewSonic does not recommend the use of any liquid cleaners on the ViewPanel screen or case. Chemical cleaners have been reported to damage the screen and/or case of the ViewPanel. Further, ViewSonic does not recommend applying pressure when wiping the ViewPanel screen clean. ViewSonic will not be liable for damage resulting from the use of liquid cleaners or resulting from applying pressure to the screen.

Security Port

A security port can be installed to prevent theft of the LCD monitor and main unit.
A wire cable manufactured by Kensington can be connected to the security port on
the rear panel of the main unit.
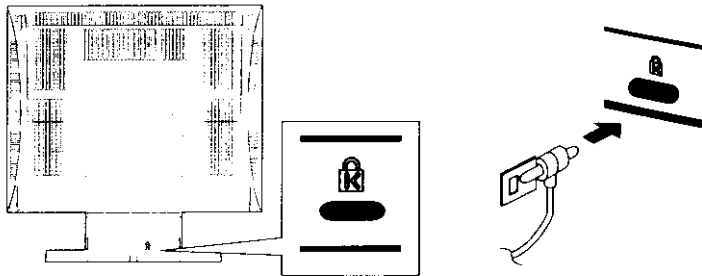
For details, please refer to the Kensington instruction manual.
< Inquiries>
Kensington
2855 Campus Drive
San Mateo, CA USA 94403
800-535-4242, x3348
Intrl: 415-572-2700, x3348
Fax: 415-572-9675

Wall Mounting Kit (Optional)

This *VP150* LCD monitor provides a detachable base that allows the ViewPanel to be
configured for desktop or slim line wall displays with the optional Wall Mounting Kit.
To learn more about this Wall Mounting option, please contact ViewSonic's Customer
Support Group at 1-800-688-6688.

LIMITED WARRANTY
VIEWSONIC *VP150* VIEWPANEL™

What the warranty covers:
ViewSonic® warrants its products to be free from defects in material and workmanship 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:
The **ViewSonic** *VP150* ViewPanel™ is warranted for three (3) years for all parts excluding the light source, three (3) years for all labor, and one (1) year for the light source 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 electric 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. Removal, installation, and set-up service charges.

How to get service:
1. For information on obtaining warranty service, call **ViewSonic**. The customer support telephone numbers are: U.S. and Canada only: 1-800-688-6688: from outside the U.S. and Canada: 909-869-7976. from Europe +44 (1293)-643-900; from Asian / Pacific Rim countries 886 (2) 248-4072. Internet E-Mail address: vstech@viewsonic.com or World Wide Web:http://www.viewsonic.com
2. To obtain warranty 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 prepaid in the original container to your **ViewSonic** dealer, any **ViewSonic** service center or **ViewSonic**.
4. For additional information or the name of the nearest **ViewSonic** service center, contact your **ViewSonic** dealer or **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.
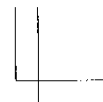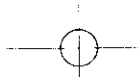
Sales outside the U.S.A.:
For **ViewSonic** products sold outside of the U.S.A., contact your **ViewSonic** dealer for warranty information and service.

REV 12/31/96

Other information

ViewSonic VP150

For **ViewSonic®** Customer Support:

U.S. and Canada only
1-800-688-6688

From outside U.S. and Canada
909-869-7976

From Europe
+44 (1293) 643-900

From Asian/Pacific Rim countries
886 (2) 248-4072

Technical Support Questions
vstech@viewsonic.com

Product or Dealer Questions
prodinfo@viewsonic.com

World Wide Web
http://www.viewsonic.com

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