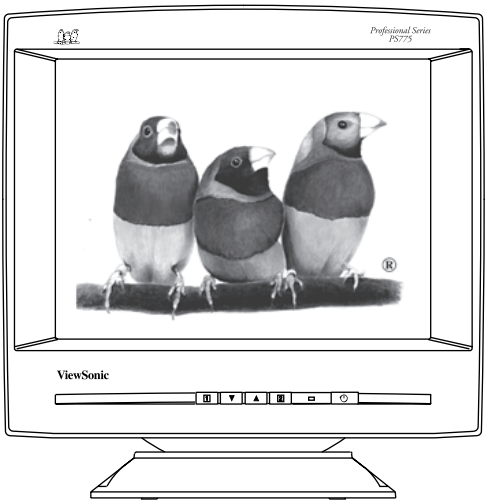
ViewSonic®

PS775 Color Monitor



With Plug and Play

Full 17" (16.0" Diagonal Viewable)

User's Guide

Guide de l'utilisateur

Bedienungsanleitung

(Latin American Spanish)

(Italian)

(Brazilian Portuguese)

(Swedish)

(Russian)

(Polish)

(Arabic)

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

Electronic Warranty Registration

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

For Your Records

The serial number of this product is on the back of the monitor. You should note the serial number of this unit in the space provided and retain this booklet as a permanent record of your purchase to aid in identification in the event of theft or loss.

Product Name:	**ViewSonic PS775**
Model Number:	**VCDTS21471-2M/P/E/A**
Serial Number:	_____
Purchase Date:	_____

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.

ENGLISH

Power Cord Safety Guidelines (continued)

AC PLUG CORD PRECAUTIONS 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 set for this unit has been enclosed 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, or if the cord set is not enclosed.

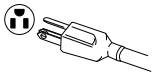
The female receptacle of the cord set must meet CEE-22 requirements and will look like Figure 1 below:

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 a special mark that will appear on the outer sheath, or on the insulation of one of the inner conductors.

If you have any questions concerning which 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

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

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

Getting Started

Congratulations on your purchase of a Professional Series **ViewSonic *PS775*** monitor!

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

NOTE: This product was designed for operation in the magnetic fields of the hemisphere where it was purchased. Also, 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 *PS775*** package includes the following:

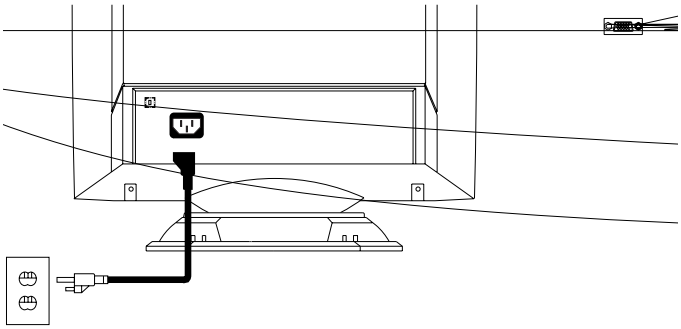
- **ViewSonic *PS775*** monitor
- Attached video cable with 15 pin high density mini D-sub connector
- Power cord
- User's Guide
- INF and ICM installation files on CD-ROM or diskette

IMPORTANT: The supplied **INF file** assures compatibility with Windows operating systems, and the **ICM file** (Image Color Matching) ensures accurate on-screen colors. ViewSonic® recommends that you install both files.

- For CD-ROM: Insert the CD-ROM into your system, wait for it to auto-start, select "Monitor Drivers," and follow the on-screen instructions.
- For diskette: Insert the diskette into your system, run **install.exe,** and follow the on-screen instructions.

Precautions

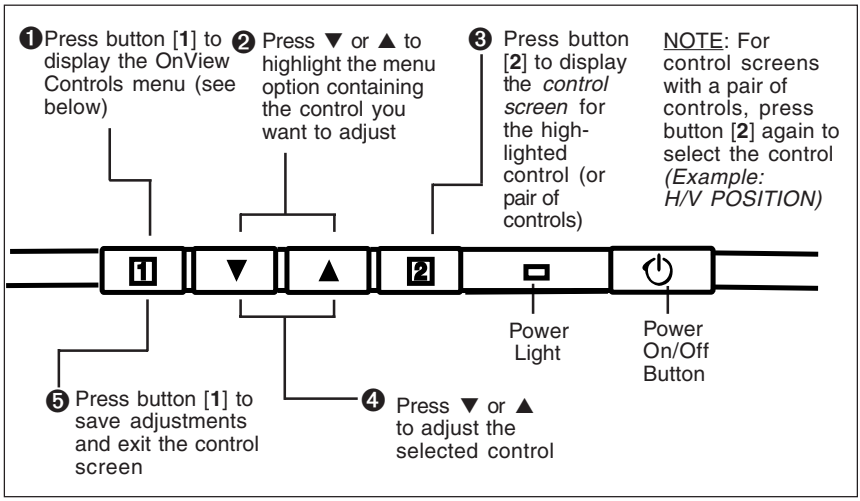
- For best viewing conditions sit at least 18" from the monitor.
- AVOID TOUCHING THE SCREEN WITH YOUR FINGERS. Oils from the skin are difficult to remove.
- NEVER REMOVE THE REAR COVER. The monitor contains high-voltage parts. You may suffer serious injury if you touch these parts.
- Avoid exposing the monitor to direct sunlight or another heat source. The monitor should be facing away from direct sunlight to reduce glare.
- Always handle your monitor with care when moving it.
- 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.



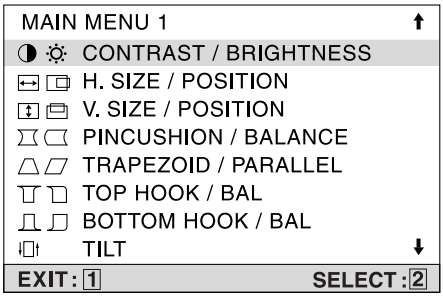
Operation

Front Control Panel

To adjust the screen image using the OnView® controls, follow steps 1 through 5 shown below:



OnView Main Menu



NOTE: Press button [2] to toggle beween all controls that appear in pairs on the Main Menu 1.

ENGLISH

OnView® Main Menu, Part 1 (continued)

CONTRAST adjusts foreground white level of screen image.
▼ *decreases* contrast, ▲ *increases* contrast.

BRIGHTNESS adjusts background black level of screen image.
▼ *decreases* brightness, ▲ *increases* brightness.

Shortcut: Before displaying the OnView menu, press the [▼] or [▲] button. Press [▼] or [▲] to adjust. Press button [2] to toggle between Brightness and Contrast.

HORIZONTAL SIZE adjusts the width of screen image.
▼ *decreases* width of screen image, ▲ *increases* width of image.

HORIZONTAL POSITION moves screen image left or right.
▼ moves screen image to *left*, ▲ moves screen image to *right*.

VERTICAL SIZE adjusts height of screen image.
▼ *decreases* height of screen image, ▲ *increases* height of image.

VERTICAL POSITION moves screen image up or down.
▼ moves screen image *down*, ▲ moves screen image *up*.

PINCUSHION straightens vertical sides of screen image by curving them inward or outward.
▼ curves vertical edges *inward*, ▲ curves vertical edges *outward*.

PIN BALANCE straightens vertical sides of screen image by curving them to the right or to the left.
▼ curves vertical edges *to the left*, ▲ curves vertical edges *to the right*.

TRAPEZOID makes vertical edges of screen image parallel.
▼ makes screen image *narrower at top* and *wider at bottom*.
▲ makes screen image *wider at top* and *narrower at bottom*.

PARALLEL (PARALLELOGRAM) slants vertical edges of the screen to the left or right.
▼ slants vertical edges to left, ▲ slants vertical edges to right.

TOP HOOKING adjusts the placement of the top corners of the screen image by stretching the top corners outward (Press the ▲ button), or compressing the corners inward (Press the ▼ button).

NOTE: Press button [2] to select the **TOP BALANCE** adjustment after making adjustmens to the **TOP HOOKING** control.

OnView® Main Menu, Part 1 (continued)

TOP BALANCE adjusts the placement of the top corners of the screen image by slanting the top corners to the right (Press the ▲ button), or slanting the top corners to the left (Press the ▼ button).

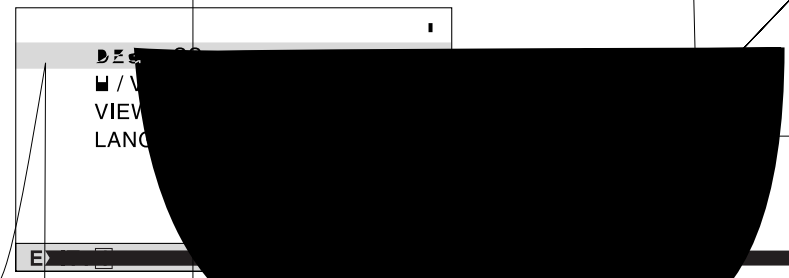
BOTTOM HOOKING adjusts the placement of the bottom corners of the screen image by stretching the bottom corners outward (Press the ▲ button), or compressing the corners inward (Press the ▼ button).

NOTE: Press button [2] to select the **BOTTOM BALANCE** adjustment after making adjustmens to the **BOTTOM HOOKING** control.

BOTTOM BALANCE adjusts the placement of the bottom corners of the screen image by slanting the bottom corners to the right (Press the ▲ button), or slanting the bottom corners to the left (Press the ▼ button).

TILT rotates entire screen image.
▼ rotates screen image *counter-clockwise*, ▲ rotates image *clockwise*.

OnView® Main Menu, Part 2



DEGAUSS edges of screen ima… build-up of magnetic fields that can affec… vergence.

Press button [2] to manually degauss monitor.

Important: *The monitor automatically degausses when you turn it on. If you use the* Degauss *control from the Main Menu, wait at least 20 minutes before using this feature again. Do not degauss repeatedly. Doing so can be harmful to the monitor.*

V. MOIRE (Vertical Moire) reduces horizontal interference patterns that appear as ripples, waves, or unwanted background color textures.

Press [▼] or [▲] to minimize interference patterns.

…MOIRE (Horizontal Moire) reduces vertical interference patterns …ppear as ripples, waves, or unwanted background color …

Press [▼] or [▲] to minimize interference patterns.

ENGLISH

OnView® Main Menu, Part 2, (continued)

VIEWMATCH® COLOR provides four color adjustment modes: *9300K, 6500K, 5500K-* and *User.*

Press button [**2**] to select color adjustment mode

Adds blue to screen image for cooler white (used in most office settings with fluorescent lighting).

Adds red to screen image for warmer white and richer, more vibrant red.

Adds green to screen image for a darker color

Individual adjustments for red (R), green (G), and blue (B) to meet personal preference.

1

LANGUAGE To select a language, use [▲] and [▼] to highlight English, French, German, Italian, or Spanish, then press button [**2**].

OSD Function (On Screen Display) allows you to move the menu and control screens.

HORIZONTAL POSITION

[▼] moves the OSD menu to the left

[▲] moves the OSD menu to the right

NOTE: Press button [2] to select the **VERTICAL POSITION** adjustment after adjusting the **HORIZONTAL POSITION**

VERTICAL POSITION

[▼] moves the OSD menu down

[▲] moves the OSD menu up

VIEWMETER® displays the signal input coming from your computer (horizontal scan and refresh rate). From the main menu, press button [2] to select this feature.

MEMORY RECALL returns adjustments back to factory settings only if the monitor is operating in a factory Preset Timing Mode (page 11).

If you make an adjustment you don't like, press button [**2**] to recall factory settings.

Exception: This control will not affect changes made with the **User** color adjustment mode.

Other Information

Specifications

CRT	Type	17" (16.0" viewable diagonal) 0.26mm dot pitch, 100° deflection
	Glass Surface	AGAS (anti-glare, anti-static), Tint Standard light transmission rate = 46%
Input Signal	Video	RGB Analog (0.714 Vp-p, 75 ohms) HV Separated (TTL), Composite sync, Sync On Green
	Sync	f_H: 30-95kHz, f_V: 50-180Hz
Compatibility	PC	IBM XT, AT, 386, 486, Pentium, PS/2 and compatibles (VGA Up to 1600 x 1280 non-interlaced)
	Macintosh®*1	Power Macintosh®, up to 1024 x 768
Maximum Refresh Rates*2		1600 x 1200 NI @ 76 Hz 800 x 600 NI @ 146 Hz 1280 x 1024 NI @ 88 Hz 640 x 480 NI @ 180 Hz 1024 x 768 NI @116 Hz
Power	Voltage	AC 90-132V/198-264 V 50/60 Hz (auto switch)
Connectors	Input Signal	15 pin mini D-sub (attached cable)
	Power	3-pin plug (IEC320)
Display Area	Default	300mm (H) x 225mm (V) (Typical)
	Full Scan	325.8mm (H) x 243.0mm (V) (Depends on signal timing)
Operating Conditions	Temperature	32F to 104°F (0°C to 40°C)
	Humidity	5% to 95% (no condensation)
	Altitude	To 9,000 feet
Storage Conditions	Temperature	-40°F to +140°F (-40°C to +60°C)
	Humidity	5% to 95% (no condensation)
	Altitude	To 39,000 feet
Dimensions	Physical	420mm (W) x 385mm (D) x 436mm (H)
	(monitor)	16.5 (W) x 15.2 (D) x 17.2" (H)
Weight	Net (monitor only)	16.0 kgs (35.3 lbs) (monitor only)
Regulations		UL, DHHS, FCC, CSA, DOC class B, MPR II, CE, TCO 99, ISO9241-3, TUV-GS, TUV-Ergo, Nordic, S-Mark, C-Tick, VCCI, Energy Star®, Energy 2000
Power saving modes	*On*	<120W typical (green LED)
	DPMS™ Stand By	<15W (amber LED)
	DPMS Suspend	<15W (amber LED)
	DPMS Off	<3W (amber LED)

Preset Timing Modes (pre-adjusted to **VESA® 1024x768 @ 75Hz**)

VGA 640 x 400 @ 70 Hz	VESA 1024 x 768 @ 60 Hz, 75 Hz, 85 Hz
VGA 640 x 480 @ 60 Hz	VESA 1280 x 1024 @ 75 Hz
VESA 640 x 480 @ 75 Hz, 85 Hz	Macintosh® 640 x 480 @ 67 Hz
VESA 800 x 600 @ 75 Hz, 85 Hz	Macintosh® 832 x 624 @ 75 Hz

**1 A Macintosh computer requires a ViewSonic® Macintosh adapter. To order an adapter, contact customer support. See the back cover of this manual. You will need to provide the serial number on your monitor.*

2* ***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.*

Troubleshooting

No power

- Press Power button ON.
- Make sure A/C power cord is securely connected to back of monitor and to a power outlet.
- Plug another electrical device (like a radio) into power outlet to verify that outlet is supplying proper voltage.

Power on but no screen image

- Make sure video cable supplied with monitor is tightly secured to video output port on back of computer. If other end of video cable is not attached permanently to monitor, tightly secure it to monitor.
- Adjust the 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 monitor to different outlet. If using surge protector, reduce number of devices plugged in.
- Check ViewMeter® to verify refresh rate (vertical frequency) is 75 Hz or higher. See the Specifications section.
- Make sure graphics card in your computer can use non-interlaced mode at desired frequencies. To enable your graphics card to support higher refresh rates, try selecting fewer colors or running lower resolutions.
- Remove any devices from area around monitor that emit 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 video cable to make sure it is securely connected. Loose pins in the cable connector could cause a bad connection.
- Connect monitor to another computer.
- Turn monitor OFF, wait one minute, then turn ON again. *Do this only once.*
- If you have an older graphics card, contact customer support for a non-DDC adapter.

Entire screen image scrolls (rolls) vertically

- Make sure video input signals are within monitor's specified frequency range.
- Try monitor with another power source, graphics card, or computer system.
- Connect video cable securely.

Control buttons do not work

- Press only one button at a time.

Cleaning the Monitor

- MAKE SURE THE MONITOR 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 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 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 monitor screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the monitor. ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

LIMITED WARRANTY
VIEWSONIC *PS775* MONITORS

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:

ViewSonic ***PS775*** color monitors, including the display tubes, are warranted for three (3) years for all parts and three (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 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 warranted service, call **ViewSonic Customer Support.** See the back cover of this user's guide. You will need to provide your projector'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 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, EXPRESSED 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.

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ENGLISH

Customer Service

To receive the most prompt assistance, dial the appropriate number below and *listen to all menu options before making your selection*: Customer Support, Technical Support, Parts, etc.

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 (22) 248-4072

Other Options

Technical Support Questions
vstech@viewsonic.com

Product or Dealer Questions
prodinfo@viewsonic.com

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

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Walnut, CA 91789
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