

ViewSonic®

G70m / G70mb



With Plug and Play †
Full 17" (16.0" Diagonal Viewable)

Color Monitor

User Guide

Guide de l'utilisateur

Bedienungsanleitung

(International Spanish)

(Italian)

(Brazilian Portuguese)

(Swedish)

(Russian)

(Polish)

(Japanese)

(Trad. Chinese)

Simp. Chinese)

(Korean)

(Arabic)

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

For Your Records

Write the Serial Number (see back of ViewPanel) and the Purchase Date in the spaces below. Keep this User Guide as a permanent record of your purchase to help with identification in the event of theft or loss.

Product Name:	ViewSonic G70m/G70mb
Model Number:	VCDTS21581-2/3
Document Number:	G70m/G70mb_UG_162 (Rev.1B)
Serial Number:	_____
Purchase Date:	_____

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Getting Started

Congratulations on your purchase of a **Graphics Series ViewSonic G70m/G70mb** color monitor. **Important!** 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 2000, Windows NT (4.0).

Package Contents

Your **ViewSonic G70m/G70mb** package includes:

- **ViewSonic G70m/G70mb** monitor with attached video cable
- Power cord
- Audio cable
- Microphone cable
- Setup Guide
- ViewSonic Wizard CD-ROM (includes User Guide PDF file and INF/ICM Display Optimization files)

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.

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.

Quick Installation

1 Connect video cable

Make sure both the monitor and computer are powered OFF. Connect the video cable to the computer.

Macintosh® users: Connect a Macintosh adapter to the video cable, then to the computer. To order a Macintosh adapter contact ViewSonic (see *Customer Support*).

2 Connect power cord

Connect the power cord from a properly grounded AC outlet to the monitor.

3 Power-ON monitor and computer

Power-ON the monitor, then power-ON the computer. This sequence (monitor before computer) is very important.

NOTE: At this point Windows® 98 users may receive a message asking them to install the M70/M70B's INF file.

4 Install Display Optimization files (INF and ICM files)

(1) Insert the ViewSonic Wizard CD-ROM into your computer's CD-ROM drive.

NOTE: If your computer does not have a CD-ROM drive, see Customer Support in this manual.

4 Install Display Optimization files (continued)

(2) 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 Windows Explorer, then double-click on **install.exe**.

(3) Follow the on-screen instructions.

5 Audio Installation (optional)

- **Speakers:** Connect audio cable (limecolored cable) to the AUDIO OUT port of your computer's sound card, then to the monitor's AUDIO IN port (see illustration below).

- **Microphone:** Connect audio cable (pink colored cable) to the MIC IN port of your computer's sound card, then to the monitor's MIC OUT port (see illustration below).

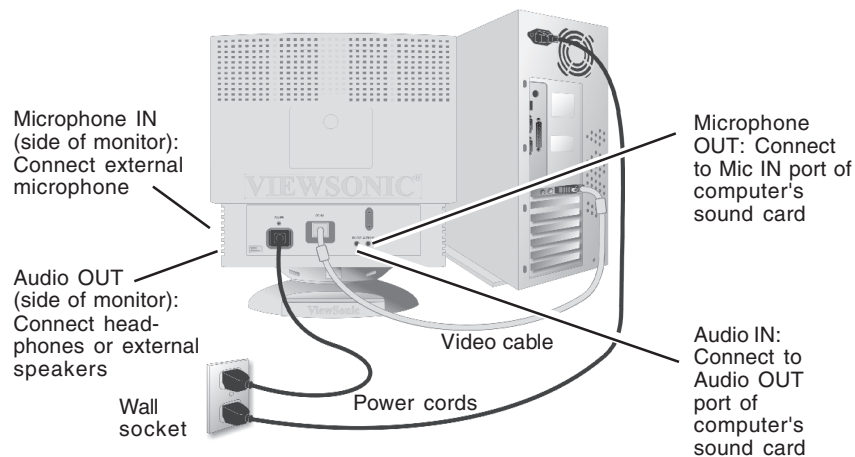
6 Use the OnView® controls to adjust the screen image.

See *Using the Monitor* (page 5).

Installation is complete! **Enjoy your new G70m/G70mb Monitor!**

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 1. (See back of monitor.)

To register your product go online to www.viewsonic.com.



Using the Monitor

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 1024 x 768) and **refresh rate** (or vertical frequency--example 75 Hertz). After setting the timing mode, use the OnView® controls (pages 7-9) to adjust the screen image.

The recommended timing mode for this monitor is: **VESA® 1024 x 768 @ 75Hz**

To set the Timing Mode:

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

NOTE: To minimize the adjustments required for an optimal screen image, select a timing mode from the **Preset Timing Modes** table below.

Preset Timing Modes

VGA 640 x 400 @ 70Hz	VESA 1280 x 1024 @ 60 Hz
VESA 640 x 480 @ 75, 85Hz	Macintosh® 640 x 480 @ 67Hz
VESA 800 x 600 @ 75Hz	Macintosh 832 x 624 @ 74.6Hz
VESA 800 x 600 @ 85Hz	Macintosh 1024 x 768 @ 75Hz
VESA 1024 x 768 @ 60, 75, 85Hz	

WARNING: Do NOT set the graphics card in your computer to exceed the maximum refresh rate for each resolution (see below). Doing so may result in permanent damage to your monitor.

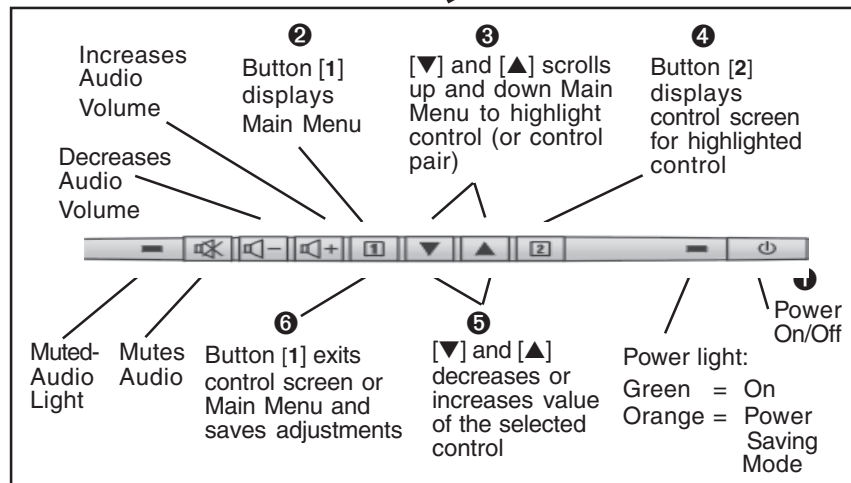
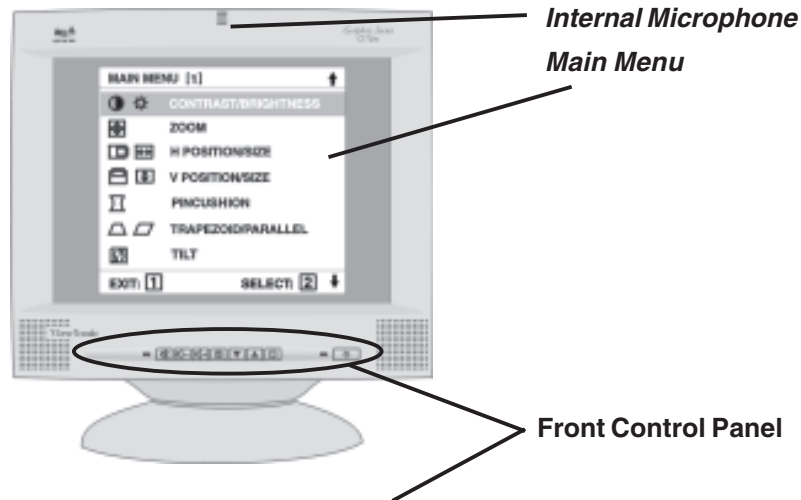
Maximum Refresh Rates

1280 x 1024 NI @ 66Hz	800 x 600 NI @ 110Hz
1024 x 768 NI @ 87 Hz	640 x 480 NI @ 120 Hz

(NI= Non Interlaced)

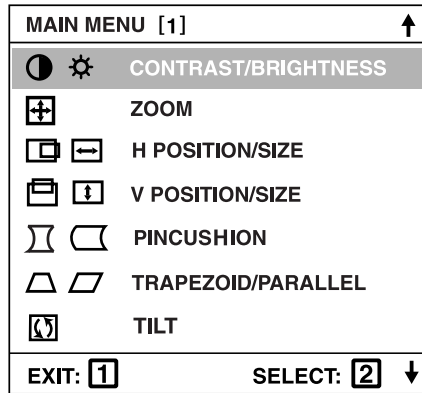
Adjusting the Screen Image

To adjust the screen image, follow the instructions in steps ❶ through ❹ below. You will use the buttons of the Front Control Panel to adjust the OnView® controls, which are displayed on the Main Menu (shown below). The OnView controls are explained on pages 7-9.












* The monitor *automatically degausses* each time you turn it on, removing the buildup of magnetic fields that can affect color purity and convergence. To prevent possible damage, if you turn the monitor off, then immediately on again, wait 20 minutes before doing this again. **Do not turn the monitor on and off repeatedly.** To *manually degauss* the monitor, see the instructions on page 8.


OnView® Controls





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-  **CONTRAST** adjusts foreground white level of screen image. Press [▼] or [▲] to adjust.
-  **BRIGHTNESS** adjusts background black level of screen image. Press [▼] or [▲] to adjust.
-  **ZOOM** expands and contracts the entire screen image. Press [▼] to contract the image, and [▲] to expand the image.
-  **H. POSITION** (Horizontal Position) moves screen image left or right. [t] moves screen image left, [s] moves screen image right.
-  **H. SIZE** (Horizontal Size) adjusts width of screen image. [▼] decreases width, [▲] increases width.
-  **V. POSITION** (Vertical Position) moves screen image up and down. [▼] moves screen down, [▲] moves screen up.
-  **V. SIZE** (Vertical Size) adjusts height of screen image. [▼] decreases height, [▲] increases height.
-  **PINCUSHION** straightens vertical sides of screen image. [▼] curves vertical edges inward, [▲] curves vertical edges outward.
-  **PIN BALANCE** curves the screen's vertical edges to the left or right. [▼] curves vertical edges to left, [▲] curves vertical edges to right.

To exit the Main Menu & save changes, press button [1].


-  **TRAPEZOID** makes vertical edges of screen image parallel. [▼]narrows top and widens bottom, [▲] widens top and narrows bottom.

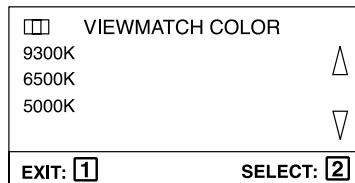
-  **PARALLELOGRAM** slants vertical edges of screen image to left or right. [▼] slants vertical edges to left, [▲] slants vertical edges to right.

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

-  **DEGAUSS** There are two ways to degauss the monitor; automatically by turning the monitor on, or manually by selecting the Degauss control from the OnView Main Menu.

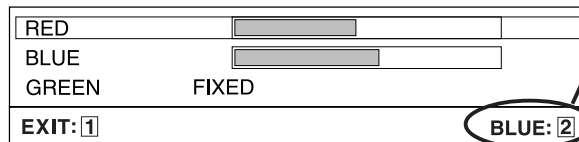
Important: *Do not degauss repeatedly. Doing so can be harmful to the monitor. Wait at least 20 minutes (before selecting this control again.*

-  **VIEWMATCH® COLOR** provides four color adjustment options: three preset color temperatures and **USER COLOR** which allows you to adjust red and blue (green is fixed).



Press [▼] or [▲] to select one of the three color temperatures shown below, then press [2] to activate it. Selecting and activating **USER COLOR** displays the screen shown below.


NOTE: The factory setting for the monitor is 9300K, the color temperature most frequently used in rooms with fluorescent lights.





From this screen, press button [2] to select Red or Blue, then press [▼] or [▲] to adjust.


USER COLOR


To exit the OnView® menu & save changes, press button [1].


 **V. MOIRE** reduces horizontal interference patterns that appear as ripples, waves, or unwanted background color textures. Interference patterns of this type are most noticeable when viewing images having closely spaced lines or finely detailed patterns. Press [▼] or [▲] to minimize interference patterns.

 **H. MOIRE** reduces vertical interference patterns that appear as ripples, waves, or unwanted background color textures. Interference patterns of this type are most noticeable when viewing images having closely spaced lines or finely detailed patterns. Press [▼] or [▲] to minimize interference patterns.

 **LANGUAGE** allows you to choose from among five languages for the OnView menus and adjustment screens; English, French, German, Italian, and Spanish. To select a language, press button [2]. To exit this screen, press button [1].

 **OSD POSITION** allows you to move any OnView screen (menu or adjustment screen) up, down, left, or right. Press button [2] to select Vertical OSD or Horizontal OSD.

 **MEMORY RECALL** returns adjustments back to factory settings only if the monitor is operating in a factory preset mode (page 11).
Exception: This control does not affect changes made with the **User** color control, which allows you to adjust red, green, and blue individually.

 **VIEWMETER**® displays the frequency signal input (horizontal scan and refresh rate) coming from the graphics card in your computer.

NOTE: See your graphics card's user guide for more details.



Other Information

Specifications

CRT	Type	17" (16.0" viewable diagonal), 100° deflection 0.23mm (H), 0.13mm (V), 0.27mm (D) dot pitch	
	Glass Surface	High Contrast, Anti-Glare, Ant-static coating; Standard light transmission rate = 46%	
Input Signal	Video	RGB Analog (0.7 Vp-p, 75 ohms) HV Separated (TTL),	
	Sync	f _H : 30-70kHz, f _V : 50-120Hz	
Compatibility	PC	Up to 1280 x 1024	
	Macintosh®*1	Power Macintosh®, up to 1024 x 768	
Maximum Refresh Rates*2		1280 x 1024 @ 66 Hz	800 x 600 @ 110Hz
		1024 x 768 @ 87 Hz	640 x 480 @ 120 Hz
Power	Voltage	AC 100-240V 50/60 Hz	
Audio	Front Speakers	3 Watts (x2)	
Connectors	Input Signal	15 pin mini D-sub	
	Power	3-pin plub (IEC320)	
Display Area	Default	310mm (H) x 230mm (V) (Typical)	
	Full Scan	320mm (H) x 240mm (V) (Depends on signal timing)	
Operating Conditions	Temperature	32°F to 140°F (0°C to 40°C)	
	Humidity	5% to 95% (no condensation)	
	Altitude	To 10,000 feet	
Storage Conditions	Temperature	-40°F to +140°F (-40°C to +60°C)	
	Humidity	5% to 95% (no condensation)	
	Altitude	To 40,000 feet	
Dimensions	Physical	405mm (W) x 421mm (H) x 418.5mm (D)	
	(monitor)	15.9" (W) x 16.6" (H) x 16.5" (D)	
Weight	Net	12.0 kgs (26.4 lbs) (monitor only)	
Regulations		UL, cUL, DHHS, DOC-B, TUV/GS, ISO9241-3, DOC-B, NOM, TUV/GS, VCCI, BSMI, S-Mark, C-tick, Energy Star®, E2000, PCT, CCIB/CCEE, MPRII, TCO 99 (G70m) / TCO 95 (G70mb), Nemko, Semko, Demko, Flmko, B Mark, CE (for European models only), EN 60950:1992, VCCI, CB	
Power saving modes	On	<100W typical (green LED)	
	DPMS™ Stand By	<15W (orange LED)	
	DPMS Suspend	<15W (orange LED)	
	DPMS Off	<3W (orange LED)	

Preset Timing Modes (the monitor has been pre-adjusted to VESA® 800x600 @ 75Hz)

VGA 640 x 400 @ 70 Hz	VESA 1280 x 1024 @ 60 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 @ 74.6 Hz
VESA 1024 x 768 @ 60,75, 85 Hz	Macintosh® 1024 x 768 @ 75 Hz

*1 A Macintosh computer requires a ViewSonic® Macintosh adapter. To order adapter, contact customer support. See the back cover of 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

- Make sure power button (or switch) is ON.
- Make sure A/C 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.
- Check the ViewMeter® from the main menu (page 9) to verify the refresh rate (vertical frequency) is 75 Hz or higher. See Specifications.
- Make sure the graphics card in your computer can use non-interlaced mode at the desired frequencies. To enable your graphics card to support higher refresh rates, try selecting fewer colors or running lower resolutions.
- 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.
- Select Degauss from the Main Menu. *Do this only once.*
- If you have an older graphics card, contact ViewSonic® Customer Support for a non-DDC adapter.

Entire screen image (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.

Customer Support (English)

For the most expedient answer to your question, do the following:

- 1 Check **Troubleshooting** (on the previous page).
- 2 For assistance contact your reseller.
- 3 For further assistance see the contact information listed below.

If contact information for your country or region is not listed below, ask your reseller to refer you to a service center.

NOTE: You will need to provide the serial number (on the back of the product).

Country/Region	T = Telephone; F = Fax	Email
United States	T: (800) 688-6688 F: (909) 468-1202	vscs@viewsonic.com
Canada	T: (800) 688-6688 F: (909) 468-1202	vscs@viewsonic.com
United Kingdom	T: 0800 833 648 F: 0044 (0)1293 643910	-----
Europe, Middle East, Baltic countries, and North Africa	T: 0044 (0)1293 643900 F: 0044 (0)1293 643910	-----
Australia	(contact reseller)	-----
New Zealand	T: 64- 3 - 366-1135 F: 64-3-366-7006	mbarlass@vistech.co.nz
Singapore/Southeast Asia	T: 65-273-4018 F: 65-273-1566	viewsonicspore@ pacific.net.sg
Other Asia/Pacific countries and Indian Peninsula	T: 886-2-2248-4072 F: 886-2-2240-8238	vsi@viewsonic.com.tw
South Africa	T: 27-11-314-0002 F: 27-11-314-0002	atscom@mweb.co.za



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.

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LIMITED WARRANTY VIEWSONIC 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 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 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. Removal, installation, and set-up service charges.

How to get service:

2. To obtain service under warranty, 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.

ViewSonic Monitor Warranty (V2.0)

Release Date: 10-15-1999



Appendix

Power Cord Safety Guidelines

CAUTION: Use a power cable that is properly grounded. Always use the AC cords listed for each country.

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

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

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):

For the United States and Canada

Figure 1 

In the United States and Canada the male plug is a NEMA5-15 style (Figure 2), UL Listed, and CSA Labeled. 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 ViewPanel.

Table A

CordType	Size of Conductors In Cord	Maximum Current Rating of Unit
SJT	18AWG	10Amps
	16AWG	12Amps
	14AWG	12Amps
SVT	18AWG	10Amps
	17AWG	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 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. If a BNC cable is going to be used, use only a shielded BNC(5) cable. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could 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 7 A 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

The x-rays generated in this unit are shielded sufficiently. High voltage: Max. 30 kV. Also, 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 is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

CE Conformity (For European models only)



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".



ViewSonic® Corporation

381 Brea Canyon Road

Walnut, CA 91789

Tel (909) 869-7976

Tel (800) 688-6688

Fax (909) 468-1202

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