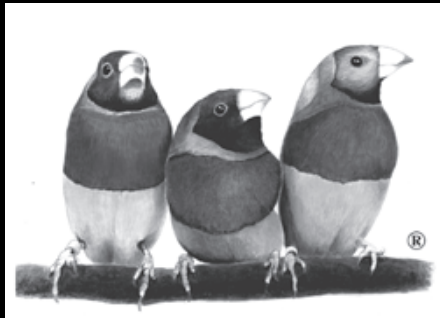


# ViewSonic®

## G655

## *Color Monitor*



**With Plug and Play †**

**Full 15" (14.0" 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 determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

### Electronic Warranty Registration

Register your monitor at [www.viewsonic.com](http://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.**

<b>Product Name:</b>	<b>ViewSonic G655</b>
<b>Model Number:</b>	<b>VCDTS21468-1</b>
<b>Serial Number:</b>	_____
<b>Purchase Date:</b>	_____

### 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.

## 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:

<b>Green-and-Yellow:</b>	<b>Earth</b>
<b>Blue:</b>	<b>Neutral</b>
<b>Brown:</b>	<b>Live</b>

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

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.



#### 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.

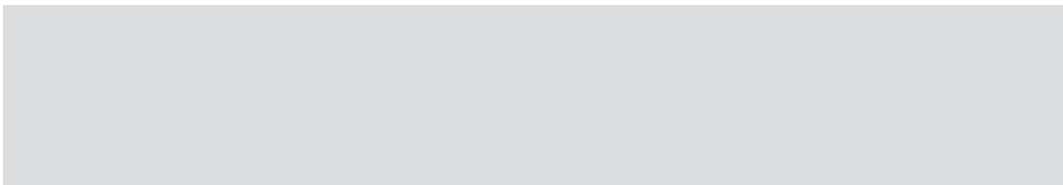
If you have any questions concerning which proper power cord to use, please consult with the dealer from whom you have purchased your monitor.

**Table A**

Cord Type	Size of Conductors In Cord	Maximum Current Rating of Unit
SJT	18AWG	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:



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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 Graphics Series **ViewSonic G655** 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 G655** package includes the following:

- **ViewSonic G655** 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-install, 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.

# Quick Installation

## 1 Connect video cable

Make sure both the G655 and computer are powered OFF. Connect the videocable to the computer.

Connect a Macintosh adapter (part No. VMAC-1) to the order an adapter, contact ViewSonic (see the back cover of this guide). You will need to provide your G655's serial number.

## 2 Connect power cord

Connect the power cord to a properly grounded AC outlet, then to the G655.

## 3 Power-ON computer and monitor

Power-ON the computer, then power-ON the G655 monitor.

**NOTE:** At this point Windows® 98 users may receive a message asking them to install the G655's INF file.

## 4 Install INF and ICM files

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

For diskette: Insert the diskette into your system, run the installer, and follow the on-screen instructions.

## 5 Windows users: Setting the Timing Mode

Resolution and Refresh Rate)

Resolution Right-click on the Windows desktop, then go to Settings > "Desktop Area." Set the resolution.

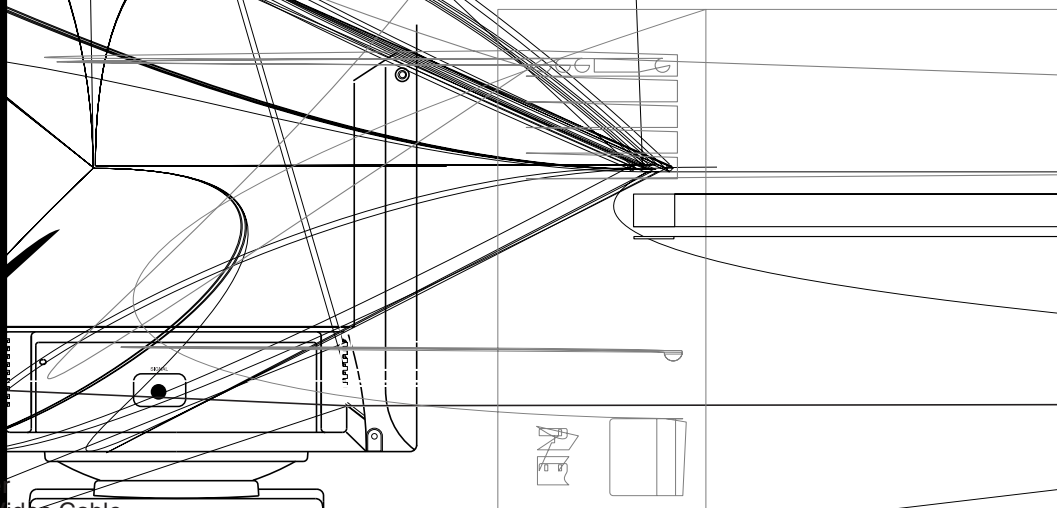
Refresh Rate (vertical frequency) See your graphic card's user guide for instructions.

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

See , pages 7-10.

**Installation is complete! Enjoy your new G655 Monitor!**

on page 1 of this guide. Register the warranty on the Internet at: <http://www.viewsonic.com>



Power cord  
Video Cable

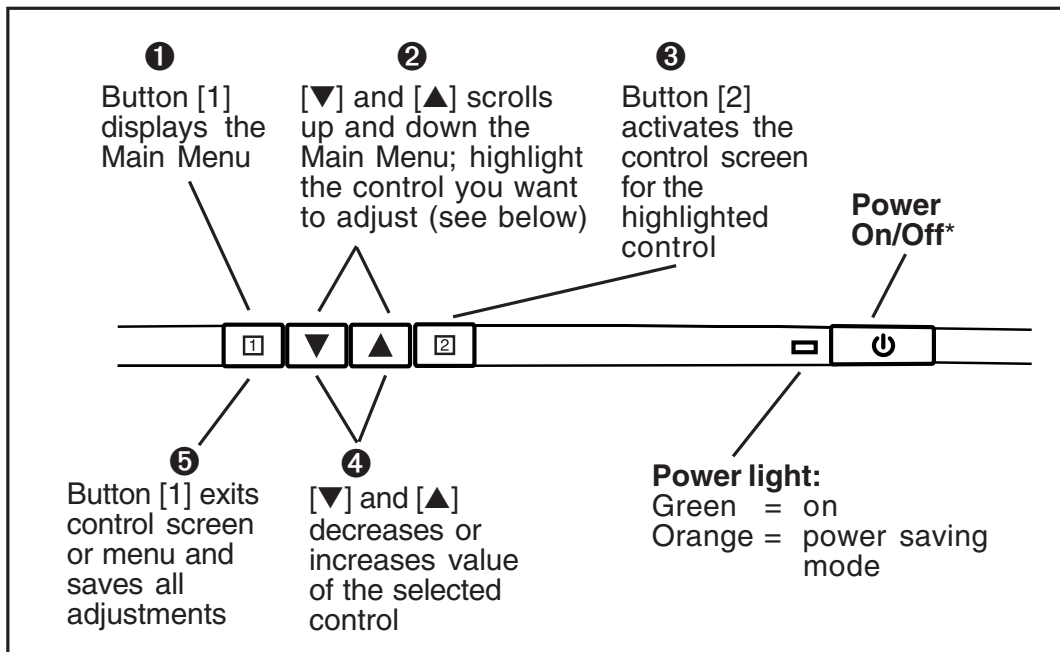
Monitor Base

# Operation

Adjust your **ViewSonic G655** monitor using the buttons on the front control panel as shown below. The buttons scroll down the OnView® Main Menu (page 8) and adjust each control (pages 8 through 10).

## Front Control Panel

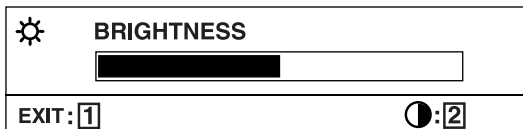
To adjust the monitor, follow the numbered steps in sequence as shown below.



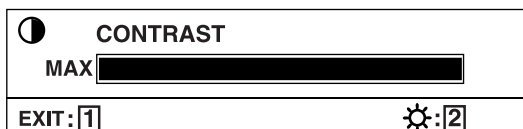
\* The monitor automatically degausses each time you turn it on, removing the buildup of magnetic fields that can affect color purity and convergence. To prevent possible damage, if you turn the monitor off, then immediately on again, wait 20 minutes before doing this again. **Do not turn the monitor on and off repeatedly.** To manually degauss the monitor, see the instructions on page 9.

## Using the [2] button

One of the uses of the [2] button is to switch between controls shown in pairs on the Main Menu (see page 8).



**Example:** Press the [2] button to switch between the CONTRAST and BRIGHTNESS controls.

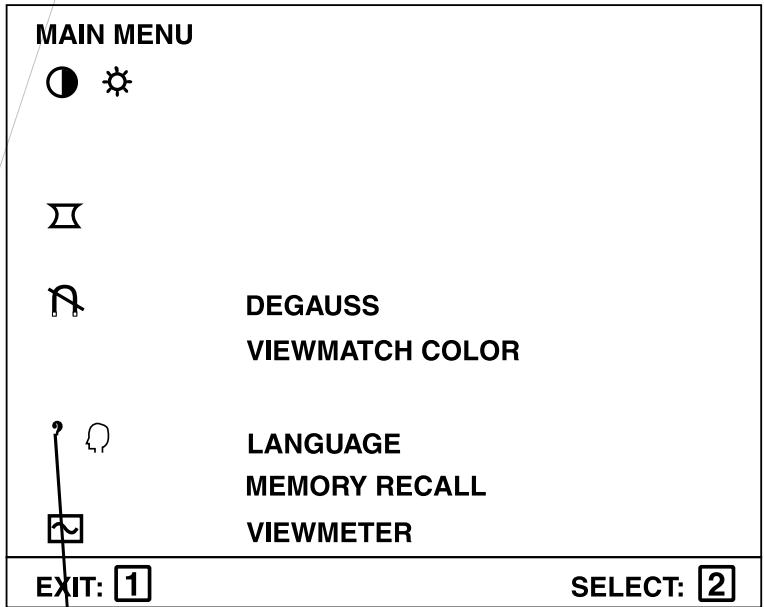


**NOTE:** In the CONTRAST example "MAX" indicates the maximum value for CONTRAST.



# OnView® Main Menu

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☉ ⚙ **CONTRAST/BRIGHTNESS** Press button [2] to select one of the following controls.

*Shortcut:* Before displaying the Main Menu, press [▼] or [▲] to display the Contrast/Brightness control screen.

☉ **CONTRAST** adjusts foreground white level of screen image. Press [▼] or [▲] to adjust.

⚙ **BRIGHTNESS** adjusts background black level of screen image. Press [▼] or [▲] to adjust.

▭ **H/V POSITION** Press button [2] to select Horizontal or Vertical

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



**PINCUSHION/TRAPEZOID** Press button [2] to select Pincushion or Trapezoid.



**PINCUSHION** straightens vertical sides of screen image. [▼] curves vertical edges inward, [▲] curves vertical edges outward.



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



**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: four preset color temperatures and **USER COLOR** which allows you to adjust red and blue (green is fixed).

VIEWMATCH COLOR	↑
9300K	
6500K	
5000K	
USER COLOR	↓
EXIT: [1]	SELECT: [2]

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.

RED	40	<input type="text"/>
BLUE	50	<input type="text"/>
GREEN	FIXED	
EXIT: [1]		BLUE: [2]

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

**USER COLOR**

**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.

**H. OSD POSITION** (Horizontal OSD Position) Press [▼] or [▲] to move the OSD left or right.

**V. OSD POSITION** (Vertical OSD Position) Press [▼] or [▲] to move the OSD up or down.

**LANGUAGE** allows you to choose from among five languages.

RECALL

adjustments accurately (strings)]T 8

# Other Information

## Specifications

<b>CRT</b>	Type	15" (14.0" viewable diagonal) 0.27mm dot pitch, 90° deflection	
	Glass Surface	Anti-Glare, Anti-Static coating Standard light transmission rate = 46%	
<b>Input Signal</b>	Video	RGB Analog (0.7 Vp-p, 75 ohms) HV Separated (TTL),	
	Sync	f <sub>H</sub> : 30-70kHz, f <sub>V</sub> : 50-120Hz	
<b>Compatibility</b>	PC	Up to 1280 x 1024 <sup>*3</sup>	
	Macintosh <sup>®*1</sup>	Power Macintosh <sup>®</sup> , up to 1024 x 768	
<b>Maximum Refresh Rates<sup>*2</sup></b>		1280 x 1024 NI @ 66 Hz	800 x 600 NI @ 110Hz
		1024 x 768 NI @ 87 Hz	640 x 480 NI @ 120 Hz
<b>Power</b>	Voltage	AC 100-240V 50/60 Hz	
<b>Connectors</b>	Input Signal	15 pin mini D-sub	
	Power	3-pin plub (IEC320)	
<b>Display Area</b>	Default	260mm (H) x 195mm (V) (Typical)	
	Full Scan	280mm (H) x 210mm (V) (Depends on signal timing)	
<b>Operating Conditions</b>	Temperature	40°F to 104°F (5°C to 40°C)	
	Humidity	5% to 90% (no condensation)	
	Altitude	To 10,000 feet	
<b>Storage Conditions</b>	Temperature	-40°F to +140°F (-40°C to +60°C)	
	Humidity	5% to 95% (no condensation)	
	Altitude	To 36,000 feet	
<b>Dimensions</b>	Physical (monitor)	360mm (W) x 374mm (H) x 390mm (D)	
		14.2" (W) x 14.7" (H) x 15.4" (D)	
<b>Weight</b>	Net	12.0 kgs (26.4 lbs) (monitor only)	
<b>Regulations</b>		UL, CSA, FCC-B, DHHS, DOC-B, TUV Ergo/MPR II, CE, PTB, ISO9241-3, DOC, NOM, TUV/GS, VCCI, BCIQ, CCIB, S-Mark, C-Tick, Energy Star <sup>®</sup> , Nemko, Semko, Demko, Fimko, B Mark	
<b>Power saving modes</b>	<i>On</i>	<80W typical (green LED)	
	<i>DPMS™ Stand By</i>	<15W (orange LED)	
	<i>DPMS Suspend</i>	<15W (orange LED)	
	<i>DPMS Off</i>	<5W (orange LED)	

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

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

\*1 A Macintosh computer requires a ViewSonic<sup>®</sup> 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.**

\*3 Up to 1280x1024 for FCC class B.

# 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 G655 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:**

The **ViewSonic G655** color monitor, including the display tube, 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 about receiving service under warranty, contact **ViewSonic** Customer Support. See the back cover of this user's guide.
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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## **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](mailto:vstech@viewsonic.com)

### **Product or Dealer Questions**

[proinfo@viewsonic.com](mailto:proinfo@viewsonic.com)

### **World Wide Web:**

<http://www.viewsonic.com>

### **ViewSonic® Corporation**

381 Brea Canyon Road

Walnut, CA 91789

Tel (909) 869-7976

Tel (800) 688-6688

Fax (909) 468-1202