

ViewSonic®

N3200w

LCD TV

User Guide



English

Français

Español

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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 CDROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

FOR YOUR RECORDS	
Product Name:	ViewSonic N3200w
Model Number:	VS10323-1
Document Number:	A-CD-N3200-1
Serial Number:	_____
Purchase Date:	_____

Product disposal at end of product life

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. Your local waste disposal company may provide information about proper disposal.

Important Product Safety Instructions

Attention:

Follow and obey all warnings and instructions marked on your product. For your safety, please read all the safety and operating instructions before you operate this product. Keep this user guide for future reference.

Installation

1 Grounding or Polarization

Your product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not alter the safety purpose of the polarized plug.

2 Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in fire or electronic shock.

3 Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords near plugs, convenience receptacles, and the point where they exit from the product.

4 Ventilation

Slots and openings on the cabinet are provided for ventilation purposes.

To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered.

- Do not block the openings by placing the product on a bed, sofa, rug or other similar surface.
- Do not place the product in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

5 Other Notices

- Avoid exposing the N3200w to direct sunlight or high temperatures.
- Avoid exposing the N3200w to moisture or high humidity.
- Do not attempt repairs yourself. Your warranty does not cover repairs or attempted repairs by anyone not authorized by ViewSonic.
- If your N3200w will not be used for a long period of time, unplug and remove the batteries from the remote control.

6 Precautions

Sit at least two metres from your LCD.

Avoid touching the screen. Skin oils are difficult to remove.

Never remove the rear cover. Your LCD contains high-voltage parts. You may be seriously injured if you touch them.

- Avoid exposing your LCD to direct sunlight or another heat source. Orient your LCD away from direct sunlight to reduce glare.
- Always handle your LCD with care when moving it.
- Place your LCD in a well-ventilated area. Do not place anything on your LCD that prevents heat dissipation.
- Ensure the area around the LCD is clean and free of moisture.
- Do not place heavy objects on the LCD, video cable, or power cord.
- If smoke, abnormal noise, or strange odor is present, immediately switch the LCD off and call your dealer or ViewSonic. It is dangerous to continue using the LCD.

Antenna Installation Instructions

1 Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product be sure the antenna or cable system is grounded to avoid voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANS/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

2 Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges. Do not disconnect the antenna or the power cord during a heavy storm as lightning may strike while you are holding the cable cord, causing serious injury. Turn off your LCD and wait for the weather to improve.

3 Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits. When installing an outside antenna system, extreme care should be taken to keep from touching the power lines or circuits as contact with them may be fatal.

Cleaning the LCD

- **MAKE SURE THE LCD 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 non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

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

Getting Started

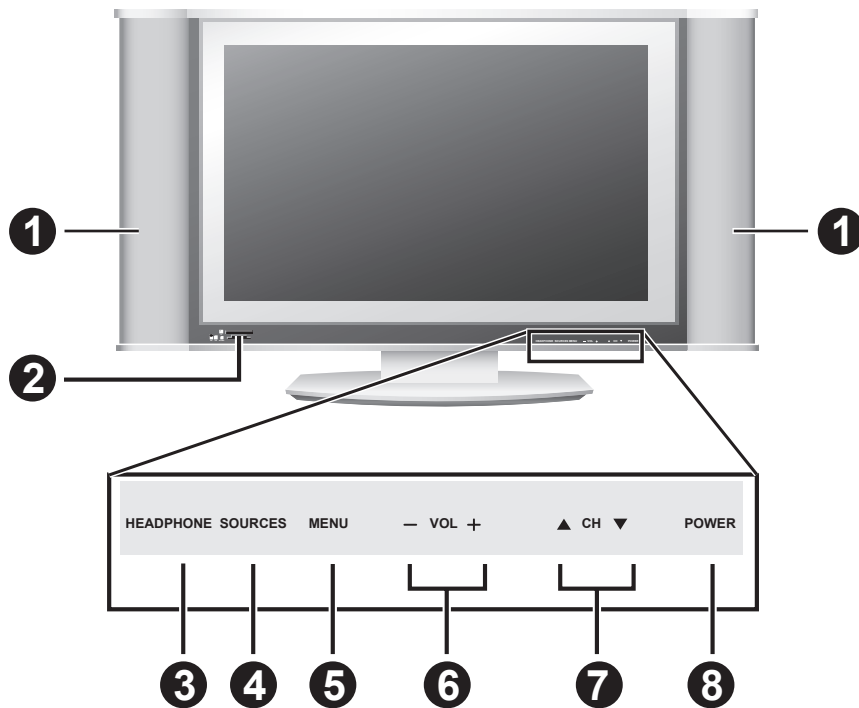
Congratulations on your purchase of a ViewSonic LCD TV display. **Important!** Save the original box and all packaging material for future shipping needs.

Package Contents

Please confirm that the following accessories are present when you unpack the box:

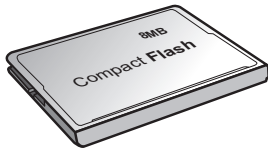
- LCD TV
- Remote Control (batteries included)
- Power Cord
- AV RCA Cable
- Quick Start Guide
- User Guide
- Speakers x 2

Front View of the Product



- 1 SPEAKERS**
Audio output.
- 2 MEMORY CARD READER**
Slots to insert flash memory cards (CF, SD/MMC, MS, SMC).
- 3 HEADPHONE**
Used for connecting headphones to the TV.
- 4 SOURCES**
Switch between display input sources.
- 5 MENU**
Display menu screen.
- 6 VOL +/-**
Used for changing the volume.
- 7 CH ▲/▼**
Changes the channel.
- 8 POWER**
Turns the TV on and off. A green light indicates that TV is on and red that it is off.

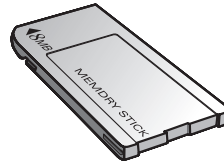
Card Reader



CF



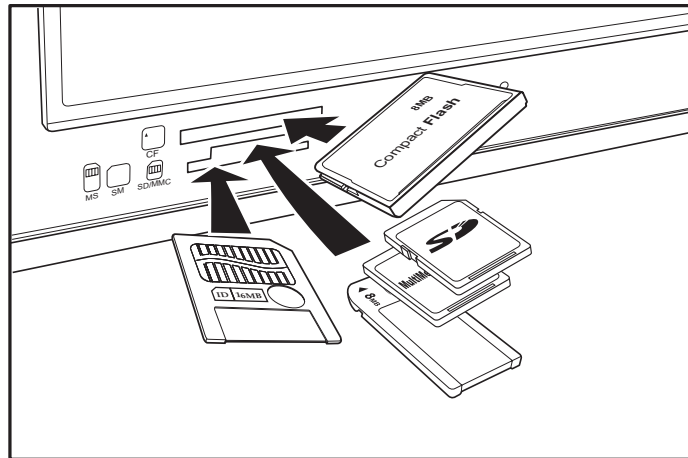
SD/MMC



MS



SMC

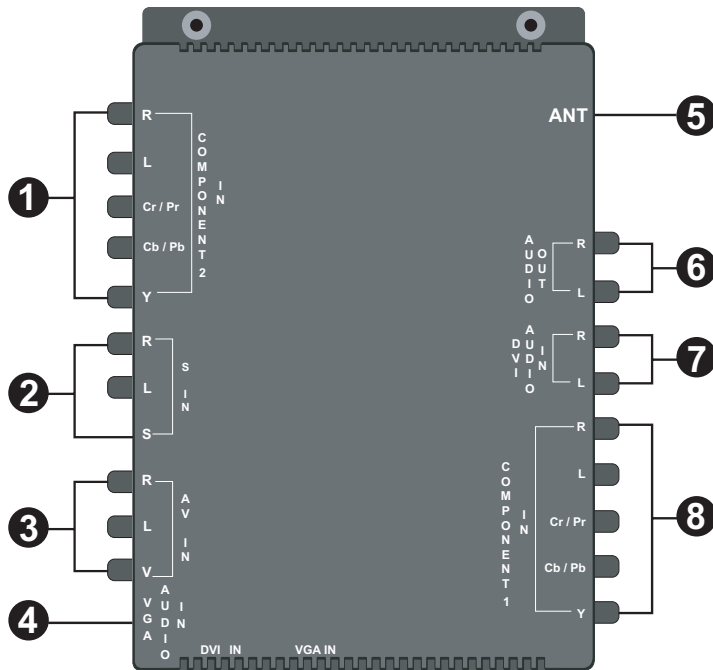


NOTES:

- Insert the memory card according to the arrow on the card's label.
- The device can only display digital graphic files, which are stored on the memory card (ie. JPEG files). The device supports all JPEG formats as created by digital cameras, but does not support other graphic formats.
- You can insert CF, SD, MMC, SMC, and MS cards. Other cards are not supported.
- Two cards can not be used at the same time.

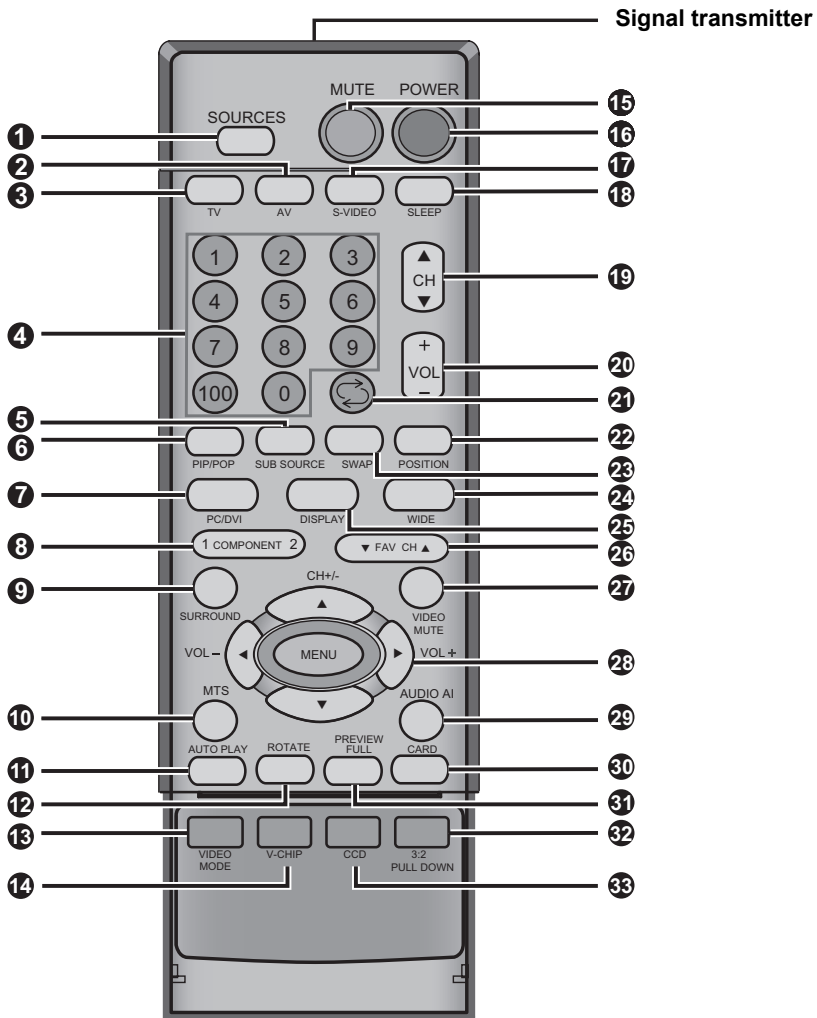
Rear View of the Product

AV Tuner Box



- 1 COMPONENT 2 (YPbPr/YCbCr) IN**
Connect external audio/video devices with component out, to these jacks.
- 2 S IN**
Connect an S-Video cable to an external audio/video device such as a VCR, DVD, or a video game machine.
- 3 AV IN**
Connect a composite video (yellow) cable to an external audio/video device such as a VCR, DVD, or video game machine.
- 4 VGA AUDIO IN**
Connect to audio out (green) on your PC.
- 5 ANT**
Connect to an antenna or cable service.
NOTE: The AV tuner box and the antenna must be far away from high voltage source during installation.
- 6 AUDIO OUT**
Used for connecting to an external stereo system.
- 7 DVI AUDIO IN**
Connect an audio cable to the audio output on your PC.
- 8 COMPONENT 1 (YPbPr/YCbCr) IN**
Connect external audio/video devices with component out, to these jacks.

Remote Control



1 SOURCES



SOURCES

Toggles the input sources from TV > AV > S > Component 1 > Component 2 > PC > DVI.

2 AV



AV

Switches the source to AV (Composite) mode.

3 TV



TV

Switches the source to TV mode.

4 1



Numeric buttons

Used for selecting the desired channel directly.


5 SUB SOURCE
























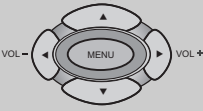





SUB SOURCE

Press to toggle the Sub picture between PIP and POP.

NOTE: The input source for the Sub Picture of PIP or POP depends on which one of two signal groups are displayed on the main screen. The two groups are: Group 1 with TV/AV/S source signals and Group 2 with Component 1 & 2/PC/DVI source signals.

- 6**  **PIP/POP**
Displays Main & Sub Pictures in PIP or POP format.
(Picture in Picture/Picture on Picture)

NOTE: If the Sub Picture has no input signal, only the main picture is shown.
- 7**  **PC/DVI**
Toggles between PC and DVI modes.
- 8**  **COMPONENT**
Toggles between component 1 and component 2 modes.
- 9**  **SURROUND**
Switches between three different surround sound modes:
surround 1 → surround 2 → surround 3 → surround close
- 10**  **MTS**
Switches between MONO, SAP, or STEREO.
- 11**  **AUTO PLAY**
Used to start the slideshow for pictures from the Memory Card Reader.
- 12**  **ROTATE**
Clockwise rotation of digital pictures.
- 13**  **VIDEO MODE**
Switches to video mode.
- 14**  **V-CHIP**
Activates the parental control (V-Chip) feature by pressing the password to enter. (Default password is 0000.)
- 15**  **MUTE**
Turns the sound on and off.
- 16**  **POWER**
Turns the power on and off.
- 17**  **S-VIDEO**
Switches to S-Video input.
- 18**  **SLEEP**
Sets the time to turn off the unit.
- 19**  **CH ▲/▼**
TV Channel up/down adjustment.
- 20**  **VOL +/-**
Volume up/down adjustment.
- 21**  Switch to the last chosen channel/input.

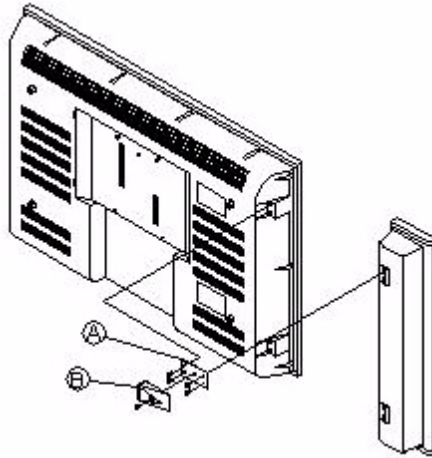
22		<p>POSITION Changes the display position of the Sub Picture in PIP mode.</p>
23		<p>SWAP Toggles between input sources for the Main and Sub pictures.</p>
24		<p>WIDE Selects the Video Display format.</p>
25		<p>DISPLAY Displays the sources, time, and channel information.</p>
26		<p>FAV CH Decrease/Increase the favorite channel.</p>
27		<p>VIDEO MUTE Used to display a blank screen.</p>
28		<p>MENU and Arrow Buttons During normal TV viewing, the ◀/▶ buttons change the volume while the ▲/▼ buttons change the channel. The MENU button displays the on-screen menu and the ▲/▼/◀/▶ buttons are used to move between items or adjust values.</p>
29		<p>AUDIO AI Used to automatically adjust the volume depending on the audio input signal's strength.</p>
30		<p>CARD Used for entering memory card playback mode.</p>
31		<p>PREVIEW FULL Switch screens between picture preview and individual picture playback mode.</p>
32		<p>3:2 PULL DOWN Enables or disables the 3:2 pull-down feature.</p>
33		<p>CCD Activates the Closed Caption feature.</p>

Notes on the Remote Control

- The remote control's effective range is 5 meters from the LCD screen at an angle of up to $\pm 30^\circ$.
- Direct light may affect the remote controls effective range.
- Avoid subjecting the remote control to shocks or vibrations.
- Avoid placing the remote control in humid and hot environments such as direct sunlight.
- Remove the batteries when not using the remote control for long periods.

Installation

Attaching the Speaker

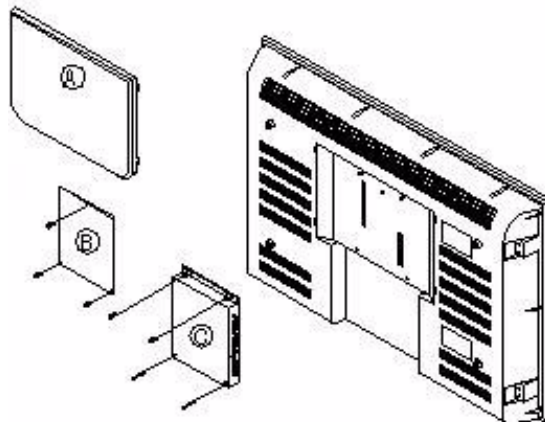


Follow these steps to attach the speakers.

- 1 Attach one part A and a speaker to one side of the LCD TV with screws as shown in the illustration.
- 2 Secure one part B to part A with screws as shown.
- 3 Repeat these steps to attach the second speaker.

Attaching the AV Tuner Box

The AV Tuner Box generally has pre-installed on the LCD TV. Please follow these steps for installation otherwise.

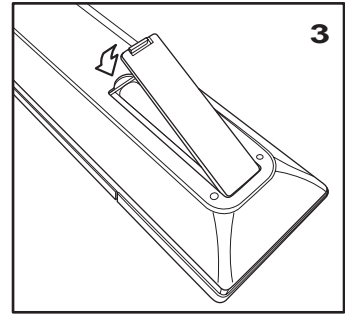
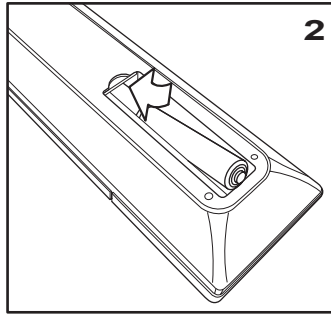
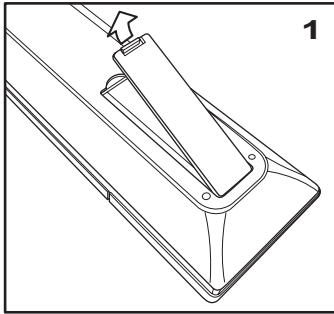


- 1 Slide part A upwards, then remove.
- 2 Remove the screws from part B and remove the part.
- 3 Attach part C using screws. Part C and the screws are in the accessory pack. Note the shape of the screws.
- 4 Replace part A by sliding A's tabs into the slots.

Remote Control Battery Installation

Follow the steps below to insert the batteries.

- 1 Open the remote control's rear battery compartment cover.
- 2 Insert two AAA batteries. Ensure that the positive and negative ends match as indicated on the bottom of the battery compartment.
- 3 Replace the battery compartment cover.

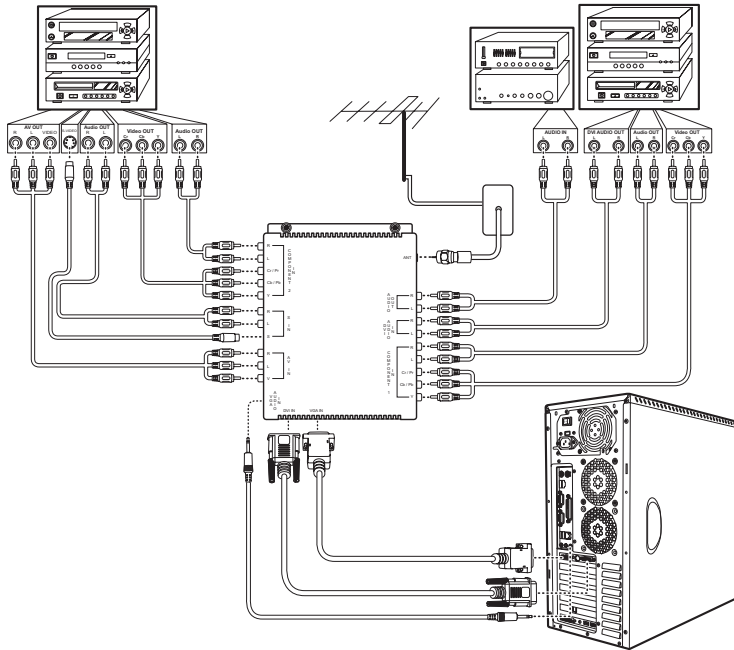


CAUTION

- Only use the specified AAA batteries.
- Do not mix new and old batteries. This may result in cracking or leakage, which may pose a fire risk or lead to personal injury.
- Insert batteries according to the (+) and (-) markings. Inserting the batteries incorrectly may result in cracking or leakage, which may pose a fire risk or lead to personal injury.
- Dispose of batteries in accordance with local laws and regulations.
- Keep batteries away from children and pets.
- If the remote control will not be used for an extended period of time, remove the batteries.

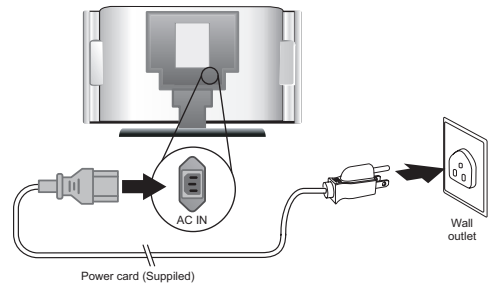
Cable Connections

Attach video and audio cables according to the connections on your external devices such as DVDs, VCR's, stereo systems.



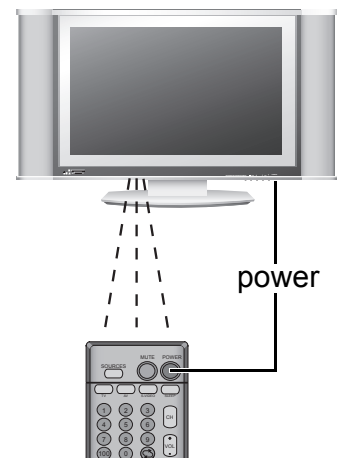
Power Cable Connection

- 1 Connect the power cable to a wall socket.
- 2 Connect the other end to the socket on the back of the LCD TV



Turning the TV (Power) On

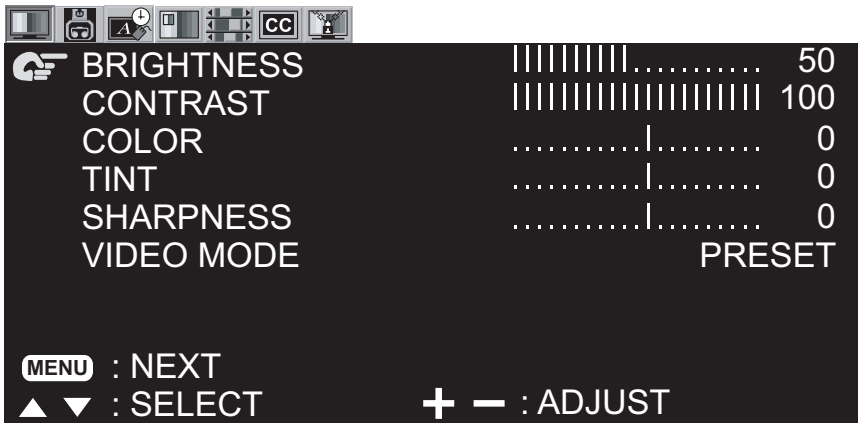
- 1 Press the power button. The power light will turn from red to green and the screen will appear after 5 seconds.
- 2 Press the power button again to turn it off.



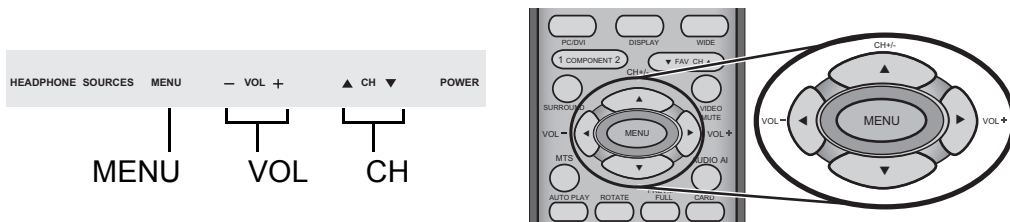
OSD Functions

All the functions for the LCD TV are controlled either by the remote control or the control buttons on the front control panel at bottom of the TV. See “Front View of the Product” on page 6.

Press the **MENU** button on the remote control or the front control panel to display the OSD main menu.



Press the **MENU** button to select the OSD menu you want.
Press the **CH ▲/▼** or the **▲/▼** buttons to select an OSD menu item.
Press the **VOL +/-** or the **◀/▶** buttons to change the values of the selected menu item.



Press the **MENU** button to exit the OSD.

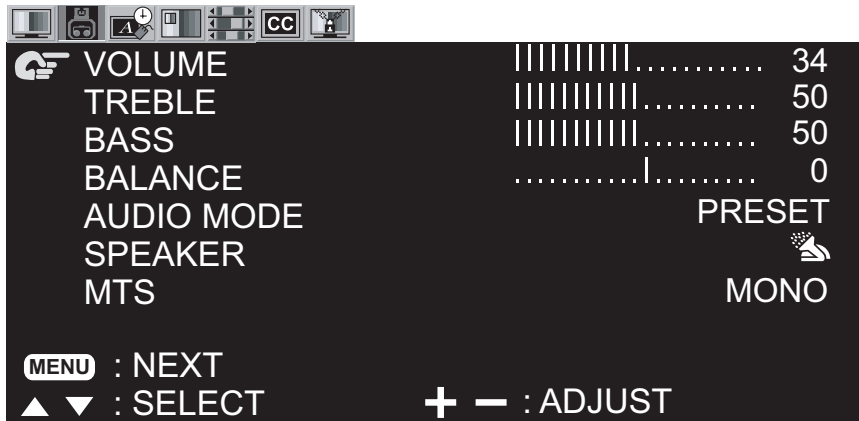
Source Input: TV/AV/S-video

Image Adjustment



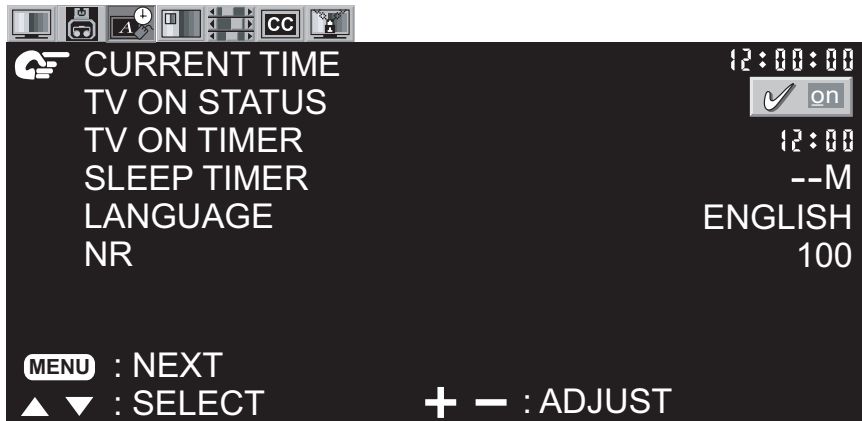
Function Name	Explanation
BRIGHTNESS	Brightness adjustment.
CONTRAST	Contrast adjustment.
COLOR	Color adjustment.
TINT	Tint adjustment.
SHARPNESS	Sharpness adjustment.
VIDEO MODE	Select TV image display: Preset: Factory default settings. Soft: Picture settings result in softer colors and less sharp images. User: User defined settings.

Audio Adjustment



Function Name	Explanation
VOLUME	Volume adjustment.
TREBLE	Adjust treble level.
BASS	Adjust bass level.
BALANCE	Adjust left and right speaker balance.
AUDIO MODE	Select audio settings: Preset: Factory default settings. Soft: Picture settings result in softer colors and less sharp images. User: User defined settings.
SPEAKER	Turns the speaker on and off (same as mute).
MTS	Sets the audio mode to STEREO , SAP , or MONO .

Settings Menu



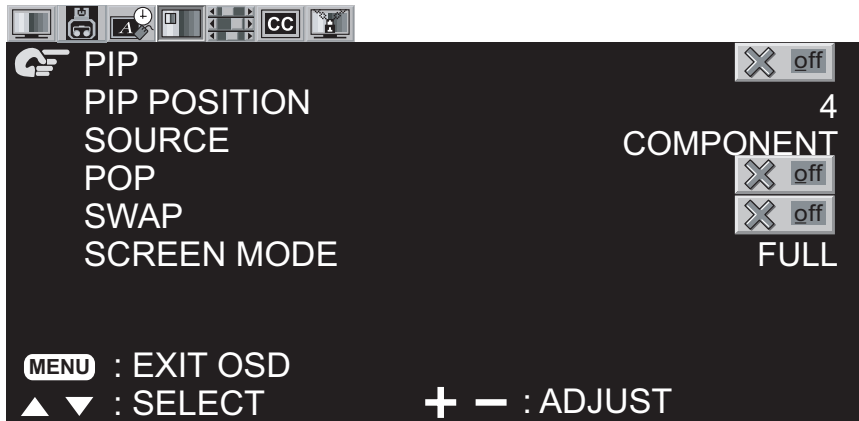
Function Name	Explanation
CURRENT TIME	Enables you to set the current time.
TV ON STATUS	Enables or disables the TV on timer.
TV ON TIMER	Enables you to set a time for the TV to power on.
SLEEP TIMER	Set the sleep time on tv from off, 10,20,30,40,50,60,70,80,90 minutes.
LANGUAGE	Choose OSD language: English, French, Spanish.
NR	Noise Reduction adjustment.

TV Setting



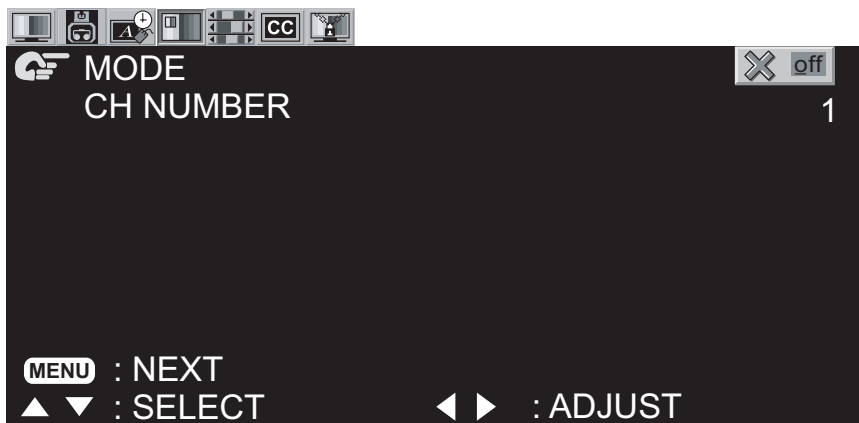
Function Name	Explanation
AIR/CABLE	Switches between antenna (broadcast) and cable TV.
AUTO SCAN	Starts scanning for TV channels automatically.
CH SKIPPED	Enables or disables viewing of the channel when using the channel up/down keys to change channels.
CH SELECT	Selects the desired channel.
PREFERENCE	Sets up to 10 preferred channels as your favorite channels.

Screen Setting



Function Name	Explanation
PIP	Enables or disables picture in picture (PIP) function.
PIP POSITION	Moves the mini-screen to one of the screen's four corners.
SOURCE	Switches between using TV/AV/S/component and YPbPr/computer input for the main-screen.
POP	Enables or disables picture on picture (POP) function.
SWAP	Swaps the main and mini screen around, i.e. the main screen becomes the mini-screen and vice-versa. When in POP mode, only the subtitles are swapped.
SCREEN MODE	Selects the screen display format.

Closed Caption Settings



Function Name	Explanation
MODE	Selects mode for closed captions – OFF , CC , or TEXT .
CH NUMBER	Selects channel number between 1 and 4 for the closed caption mode.

NOTE: Closed Caption may not perform as expected (white blocks, strange characters, etc.) if the signal is weak or if there are problems with the broadcast system. This does not necessarily indicate a problem with the settings on your LCD TV.

V-CHIP Settings

This function enables parents to restrict children's access to certain TV programs such as violence or sexual scenes. TV programs include two ratings, the MPAA rating and the TV Parental Guidelines, which restrict by age and contents. Since a TV program may use either the MPAA rating or the TV Parental Guidelines, both should be set for complete control.

- Age-based ratings can be modified by setting the content-based ratings but with certain restrictions.
- Blocking lower age-based ratings will block all higher age-based ratings regardless of the content rating settings.



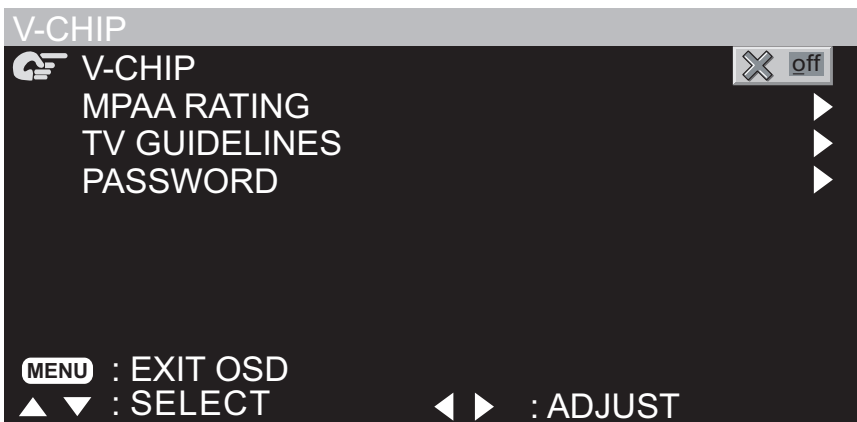
To access the V-CHIP menu, the password must be entered. If the wrong password is entered, an error message is displayed.



Correct password entered

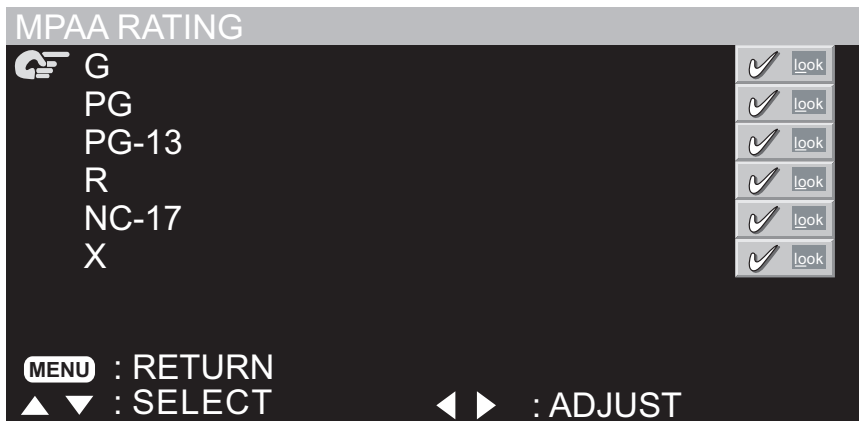


Incorrect password entered



Function Name	Explanation
V-CHIP	Enables or disables the V-CHIP.
MPAA RATINGS	Allows you to set the V-CHIP for MPAA ratings.
TV GUIDELINES	Allows you to set the V-CHIP for TV guideline ratings.
PASSWORD	Enables you to change the password.

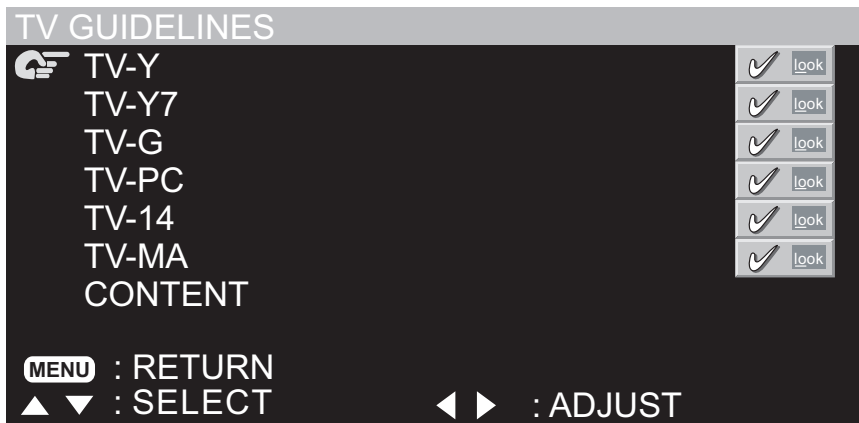
MPAA Rating sub-menu:



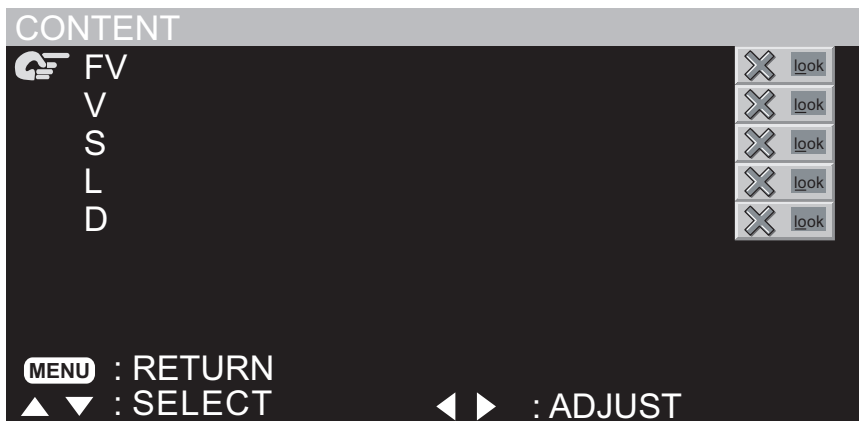
MPAA Rating	Explanation
G (GENERAL AUDIENCES)	Suitable for all ages.
PG (PARENTAL GUIDANCE SUGGESTED)	Some material may not be suitable for children.
PG-13 (PARENTAL STRONGLY CAUTIONED)	Some material may be inappropriate for children under 13.
R (RESTRICTED)	Children under 17 are required to be accompanied by their parents or adult guardians.
NC-17	No-one 17 and under admitted.
X	X is an older rating that is unified with NC-17, but may be included in the data of older movies.

Use the arrow keys to select the desired ratings and press the **MENU** button to return to the V-CHIP menu.

TV Guidelines Sub-menu



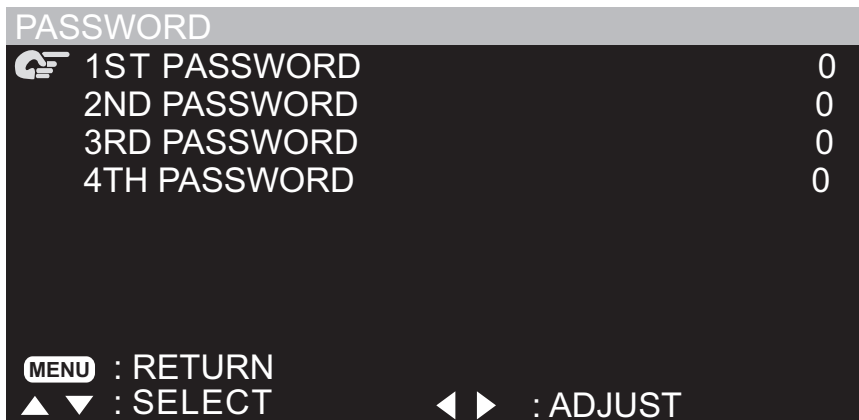
TV Guidelines Content Sub-Menu



Use the arrow keys to select the desired ratings and press the **MENU** button to return to the V-CHIP menu.

TV Guideline	Explanation
TV-Y	ALL Children (This program is appropriate for all children)
TV-Y7	Directed at older children (This program is designed for children aged 7 and above. Note: For those programs where fantasy violence may be more intense or more combative than other programs in this category, such programs will be designated TV-Y7-FV.)
TV-G	General Audience (this program is suitable for all ages.)
TV-PG	Parental Guidance Suggested (This program contains material that may be not suitable for younger children.) D) Some suggestive dialog. L) Infrequent coarse language S) Some sexual situations V) Moderate violence
TV-14	Parents Strongly Cautioned (This program contains material that are not suitable for children under 14 years of age.) D) Intense suggestive dialog L) Strong coarse language S) Intense sexual situations V) Intense violence
TV-MA	Mature Audience Only (This program contains scenes that are not suitable for children under 17.) L) Explicit sexual situations S) Graphic violence

Password Sub-menu



Use the arrow keys to set the desired password and press the MENU button to confirm your choice and exit the V-Chip Menu.

When the V-Chip is ON and the channels have been locked, the screen will display the following message with the rating information. To disable the V-Chip at this stage, press the MENU button and enter the correct password to turn off the V-CHIP settings.



U.S. TV PARENTAL
GUIDELINE RATING
TV-14

Source Input: PC



Image Adjustment

Function Name	Explanation
BRIGHTNESS	Brightness adjustment.
CONTRAST	Contrast adjustment.
SHARPNESS	Sharpness adjustment.
H POSITION	Adjust horizontal position on the image.
V POSITION	Adjust vertical position on the image.
PHASE	Adjust the phase of screen to obtain the best output.
CLOCK	Adjust screen's horizontal size.
AUTO	Automatically adjusts the screen according to the input signal source.

Audio Adjustment

See page 17.

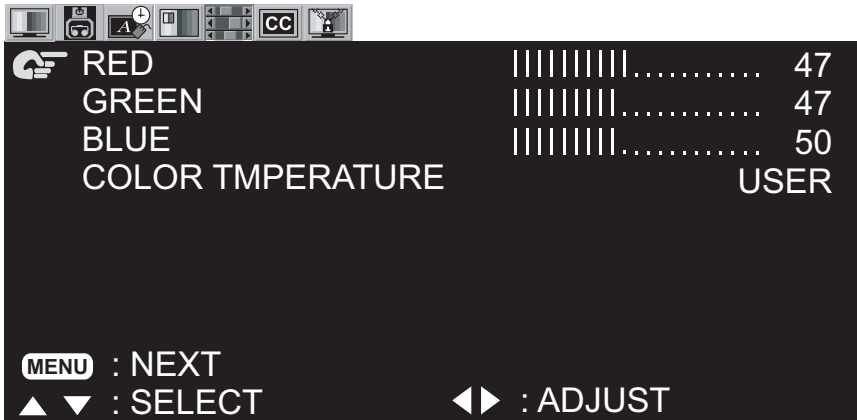
System Settings

See page 18.

Screen Settings

See page 20.

Color Adjustment



Function Name	Explanation
RED	Adjusts the red color.
GREEN	Adjusts the green color.
BLUE	Adjusts the blue color.
COLOR TEMPERATURE	Color temperature adjustment: cool, warm and nature

NOTES:

For PC operation when using DVI-D input, a resolution of 1280 x 768 at 60Hz is recommended.

Source Input: DVI-D



Image Adjustment

Function Name	Explanation
BRIGHTNESS	Adjusts the light level intensity of the screen.
CONTRAST	Adjusts the light and dark level difference of the screen.
SHARPNESS	Adjusts the sharpness level of the screen.
H POSITION	Adjusts the screen's horizontal position.
V POSITION	Adjusts the screen's vertical position.
AUTO	Auto adjusts the phase, clock, and position of the image.

Audio Adjustment

See page 17.

System Settings

See page 18.

Screen Settings

See page 19.

Color Adjustment

See page 28.

Appendix

Specifications

Panel	Type	32" (full 32" viewable diagonal area), TFT (Thin Film Transistor), Active Matrix WXGA LCD, 1280RGB * 768 vertical stripe
	Color	Anti-reflective coating + Anti-glare coating
Viewing angles		170° (H) / 170° (V)
Input signal	Video	RGB Analog * 1 (75 ohms, 0.7 Vp-p) H/V separated (TTL) for PC fh: 30-70 KHz, fv: 50-85 Hz TV system antenna Composite Video * 1 S-Video * 1 Component Video * 2 (YCbCr, YPbPr) DVI-D * 1
	Audio	Mini-stereo * 1, RCA (L/R) stereo * 5
Compatibility	PC	Up to 1280 x 768 Non-interlaced
	Macintosh1	Power Macintosh up to 1024 x 768
Resolution	Supported	1280 x 768 @ 60 Hz 1024 x 768 @ 60/70/75 Hz 832 x 624 @ 75 Hz 800 x 600 @ 56/60/70/75 Hz 640 x 480 @ 60/70/75 Hz 720 x 400 @ 70 Hz
Speaker Output		12 W
Power	Voltage	100-240 VAC, 50/60 Hz (auto switch), 190W
Operating conditions	Temperature	0°C to 40°C (32°F to 104°F)
	Humidity	10% to 90% (no condensation)
	Altitude	To 3000 feet
Storage conditions	Temperature	-20°C to 60°C (-4°F to 140°F)
	Humidity	10% to 90% (no condensation)
	Altitude	To 12,000 feet
Dimensions	Physical	1054 mm (W) x 635 mm (H) x 220 mm (D) 41.5" (W) x 25" (H) x 8.6 "(D)
Weight	Net	22.5 kg (49.6 lb.)
Regulations		UL, FCC, ICES-003
Power saving modes	On	190 W (Green LED)
	Active Off	<3 W (Orange LED)

Preset Timing Mode (Pre-adjusted to VESA 1280 x 768 at 60 Hz)

Warning: Do not set the graphics card in your computer to exceed these refresh rates. Doing so may result in permanent damage to the LCD.

Note: Product specifications are subject to change without notice.

Troubleshooting

No power

- Make sure the LCD is properly connected. (see also pages 12-14)
- Make sure the AC power cord is properly connected. (see also page 14)
- Make sure the AC power is ON, DC power button is ON (Green LED).
- Plug another electrical device (like a radio) to the power outlet to verify that the outlet is supplying the proper voltage.

Poor or no picture

- The TV station may be experiencing problems. Try another channel.
- The Cable TV signal may be scrambled or encoded. Please contact your local cable operator.
- Make sure that connection to other components are correct. (see also pages 12-14)
- Make sure that setup has been done correctly after connections. (see also pages 15-21)
- Make sure the correct input is selected and the input signal is compatible. (see also page 20)

Strange color, light color, or color misalignment

- Ensure that the video cable is securely connected.
- The picture may appear dim in a brightly lit room.
- Adjust brightness and contrast.
- Check the input signal setting.

No sound

- Check your audio connections
- The **MUTE** button may have been pressed, try pressing this button again.
- Check your audio settings, your TV audio may be set to minimum.
- Press the **Volume +** (Up) button on the remote control.

Remote control unit does not operate

- Make sure batteries are inserted correctly. (see also page 13)
- Batteries could be weak or dead. Replace batteries.
- Is a fluorescent light illuminated near the remote control sensor?
- The path of the remote control beam may be blocked. Make sure the path is clear and that the remote control is aimed at the remote control sensor on the TV.
- Press only one button at a time and it is the correct one for the operation you want to perform.

Unit cannot be operated

- External influences such as lightning or static electricity may cause improper operation. In this case, operate the unit after first turning on the power of the LCD and the AVC System, or unplug the AC cord for 1 to 2 minutes, then replug again.

Power is cut off suddenly

- Is the sleep timer set? (see also page 18)
- The internal temperature of the unit has increased. Remove any objects blocking the vent or clean as necessary.

No CATV reception (or no reception above CH13)

- Is the AIR/CABLE option set correctly? Please set the AIR/CABLE option to CABLE (see also pages 19).
- CATV is connected improperly or not connected; please check all the CATV connections.
- The cable TV service is interrupted; please contact your cable operator.

Picture is cut off/with sidebar screen.

- Is the image positioned correctly?
- Are screen mode adjustments such as picture size set correctly?

Customer Support

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

NOTE: You will need the product serial number.

Country/Region	Web site	T = Telephone F = FAX	E-mail
United States	viewsonic.com/support	T: (800) 688-6688 F: (909) 468-1202	service.us@ viewsonic.com
Canada	viewsonic.com/support	T: (800) 688-6688 F: (909) 468-1202	service.ca@ viewsonic.com

Limited Warranty

VIEWSONIC LCD DISPLAY

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 N3200w TV is warranted for one (1) year for all parts including the light source and one (1) year 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:

1. For information about receiving service under warranty, contact **ViewSonic Customer Support**. You will need to provide your product's serial number.
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, 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 OPPORTUNITIES, 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 USA and Canada:

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

Safety Guidelines

Warning: This device must be operated with the original power supply, part number: 12VDC LSE9901B1250, 12VDC UP06031120.

CAUTION: The socket-outlet should be installed near the equipment and should be accessible.

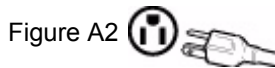
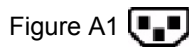
CAUTION: Use a power cable that is properly grounded. Always use the appropriate AC cord that is certified for the individual country. Some examples are listed below:

USA.....UL	Switzerland SEV
CanadaCSA	Britain.....BASE/BS
GermanyVDE	Japan Electric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord set for this unit is 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 IEC-60320 requirements and may look like figure A1 below:



For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), IL 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 you unit. Consult the table below for the selection criteria for power cords used in the United States and Canada.

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

Compliance Information for USA

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:

- Reorientate 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 a 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.