

# ViewSonic®

**N4251w**

**LCD TV**

- User Guide
- Guide de l'utilisateur
- Guía del usuario



**ViewSonic®**

**Model No. : VS11502-1M**

# Contents

Compliance Information .....	1
Declaration of RoHS Compliance .....	2
Important Safety Instructions .....	3
Copyright Information .....	4
Product Registration .....	4
Antenna Installation Instructions .....	5
Cleaning the LCD TV .....	5

## Getting Started

Package Contents .....	6
Fixing ViewSonic LCD TV to the Wall .....	6
Front View of the Product .....	7
Rear View of the Product .....	8
Remote Control .....	9
Installation .....	20
Basic Operation .....	25

## OSD Functions

### ADVANCED OPERATION — OSD MENU

Video Menu .....	28
Audio Menu .....	28
Setup Menu .....	29
TV Menu .....	32
VGA Menu .....	33

### ADVANCED OPERATION — REMOTE CONTROL

PIP/POP .....	34
---------------	----

## Other Information

Specifications .....	35
Troubleshooting .....	36
Customer Support .....	37
Limited Warranty .....	38

## Compliance 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 cables which are included with the equipment or specified. 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.

### WEEE Warning

Following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE). The mark indicates the requirement NOT to dispose the equipment as unsorted municipal waste, but use the return and collection systems according to local law.



## Declaration of RoHS Compliance

This product has been designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr <sup>6+</sup> )	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%


Certain components of products as stated above are exempted under the Annex of the RoHS Directives as noted below:

Examples of exempted components are:

1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp and in other lamps not specifically mentioned in the Annex of RoHS Directive.
2. Lead in glass of cathode ray tubes, electronic components, fluorescent tubes, and electronic ceramic parts (e.g. piezoelectronic devices).
3. Lead in high temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
4. Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.



## Important Safety Instructions

1. Read these instructions completely before using the equipment.
2. Keep these instructions in a safe place.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this equipment near water. **Warning:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
6. Clean with a soft, dry cloth. If further cleaning is required, see “Cleaning the LCD TV” in this guide for further instructions.
7. Do not block any ventilation openings. Install the equipment in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
9. Do not attempt to circumvent the safety provisions of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the plug does not fit into your outlet, consult an electrician for replacement of the outlet.
10. Protect the power cord from being tread upon or pinched, particularly at the plug, and the point where it emerges from the equipment. Be sure that the power outlet is located near the equipment so that it is easily accessible.
11. Only use attachments/accessories specified by the manufacturer.
12.  Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this equipment when it will be unused for long periods of time.
14. Refer all servicing to qualified service personnel. Service is required when the unit has been damaged in any way, such as: if the power-supply cord or plug is damaged, if liquid is spilled onto or objects fall into the unit, if the unit is exposed to rain or moisture, or if the unit does not operate normally or has been dropped.
15. This product is only to perform the useful function of entertainment and visual display tasks are excluded.

## Copyright Information

Copyright © ViewSonic® Corporation, 2006. All rights reserved.

ViewSonic, the three birds logo, OnView, ViewMatch, and ViewMeter are registered trademarks of ViewSonic Corporation.

Disclaimer: ViewSonic Corporation shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.

In the interest of continuing product improvement, ViewSonic Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from ViewSonic Corporation.

## 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](http://www.viewsonic.com).

### For Your Records

<b>Product Name:</b>	<b>N4251w</b> <b>ViewSonic LCD TV</b>
<b>Model Number:</b>	<b>VS11502-1M</b>
<b>Document Number:</b>	<b>N4251w-1M_UG_ENG Rev. 1A 08-30-06</b>
<b>Serial Number:</b>	_____
<b>Purchase Date:</b>	_____

### 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.

The lamp in this product contains mercury. Please dispose of properly in accordance with environmental laws of your location.

# Antenna Installation Instructions

## 1. Outdoor Antenna Grounding

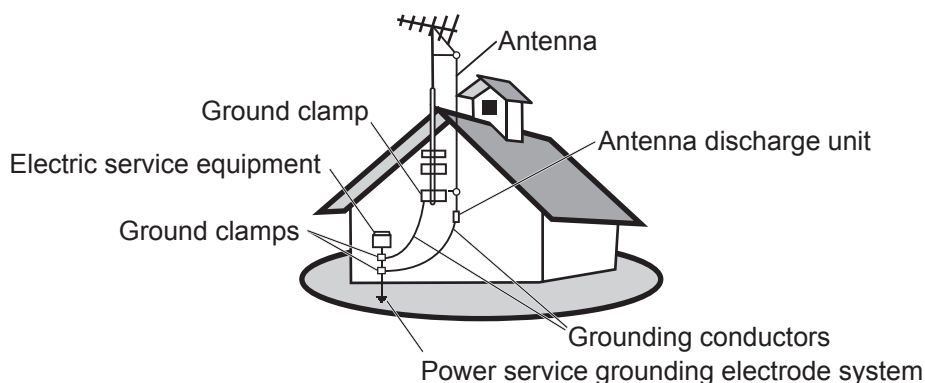
If an outside antenna or cable system is connected to the product be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges, Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper 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 lightning may strike while you are holding the cable cord, causing serious injury; turn off your LCD TV 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, or where it can fall into such power lines or circuits, When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.



## Cleaning the LCD TV

- Make sure the LCD TV 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 LCD TV screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the LCD TV. 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.

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

## Package Contents

Your LCD TV package includes:

- LCD TV
- Power Cord
- VGA Cable
- Quick Start Guide
- Remote Control with batteries
- RCA A/V Cable
- ViewSonic User Guide

## Fixing ViewSonic LCD TV to the Wall

The LCD TV can be wall-mounted or freestanding. Before installing the product to the wall, please consider the following guidelines:

- Read the Important Safety Instructions, at the start of this manual.
- Do not install in a moist or wet environment. This equipment is intended for indoor use only.
- Do not install near heat source, or strong magnetic fields.
- Use only approved wall brackets capable of supporting the weight of the LCD TV.
- Mount your LCD TV to a supporting wall.
- Ensure there is at least 3cm of space surrounding any air-vents of LCD TV.



To detach the wall-mounting bracket to LCD TV safely, please use the following guidelines:

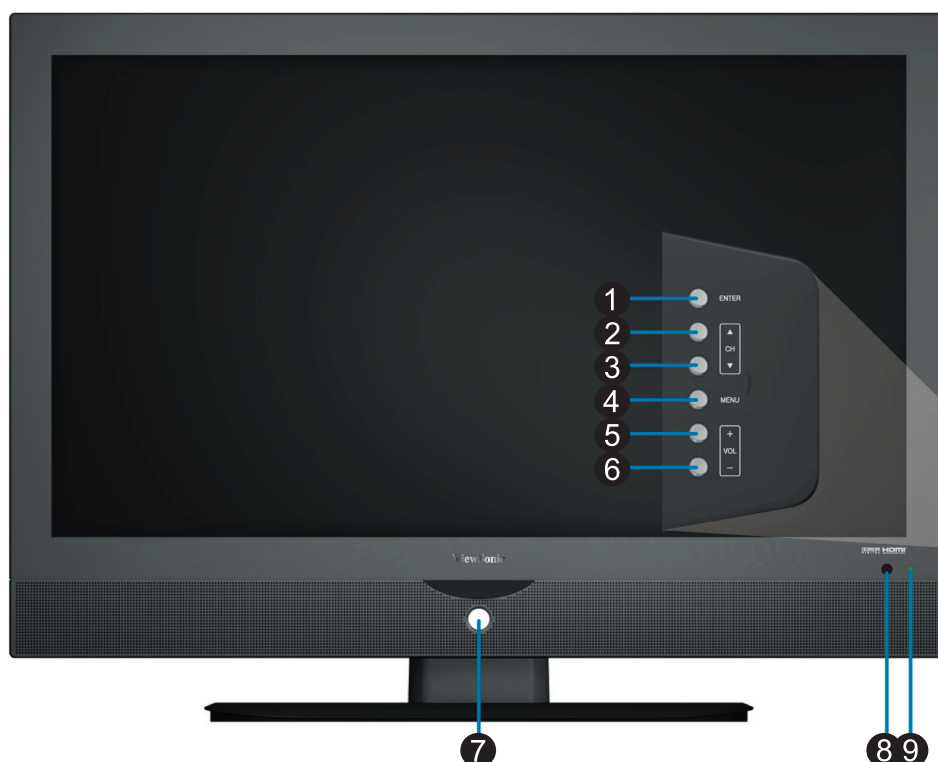
1. Disconnect the power and any other cables that might hinder moving the LCD TV.
2. Set the LCD TV on a table or work surface, screen-down with a towel or woolen blanket between the screen and the surface to protect the display.
3. Through the matching screw holes in the bracket, there are 6 screws mounted on the backside of the LCD TV. Loosen all 6 screws, and keep for future use.

Use only approved wall-mounting brackets advised by ViewSonic or your local distributor.

### Notes:

- If your LCD TV is already set up for free-standing operation, you need to first remove the stand before mounting the device to the wall.
- The wall-mount screw type: M6 x L10

## Front View of the Product



- ① **ENTER**  
To highlight a control in OSD menu.
- ② **CH Up**  
Channel up when source is at TV or select a control while in OSD menu.
- ③ **CH Down**  
Channel down when source is at TV or select a control while in OSD menu.
- ④ **Menu**  
Turn OSD menu ON/OFF.
- ⑤ **Volume Up**  
Increase sound volume or adjust a highlighted control while in OSD menu.
- ⑥ **Volume Down**  
Decrease sound volume or adjust a highlighted control while in OSD menu.
- ⑦ **Power ON/OFF button**
- ⑧ **Remote Control Receiver**
- ⑨ **Power LED Indicator**



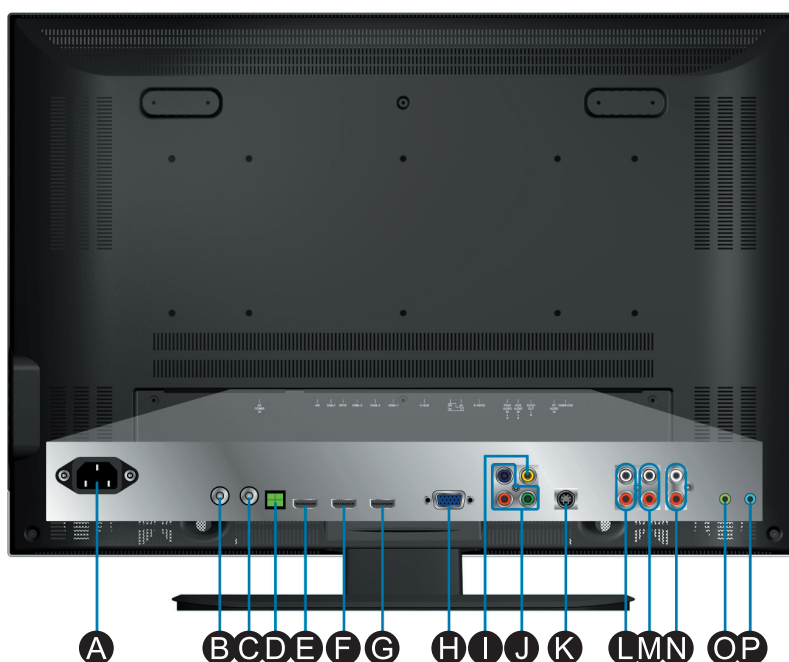
Manufactured under license from Dolby Laboratories.  
Dolby and the double-D symbol are trademarks of Dolby Laboratories.

(Only for DTV source in this model.)

### **Note:**

- 1. Press **VOL+** and **MENU** buttons at the same time to lock power button, and press **VOL+** and **MENU** buttons again to unlock it.
- 2. Press **VOL-** and **VOL+** buttons at the same time to lock OSD menu, and press **VOL-** and **VOL+** buttons again to unlock it.

## Rear View of the Product



- A Power (AC input)**  
Using power cord provided, connect to a power source.
- B Air TV input**  
Connect to NTSC or ATSC TV source.
- C Cable TV input**  
Connect to Cable TV (CATV) or Digital Cable.
- D SPDIF Optical output**  
Connect this port to the SPDIF input of A/V device.
- E HDMI Input Terminal -3**  
Connect this port to the HDMI output of A/V device.
- F HDMI Input Terminal -2**  
Connect this port to the HDMI output of A/V device.
- G HDMI Input Terminal -1**  
Connect this port to the HDMI output of A/V device.
- H VGA signal input**  
Connect this port to the VGA output of your PC.
- I Composite Video input**  
Connect this port to the composite video output of A/V device.
- J YPbPr signal input**  
Connect this port to the YPbPr output of A/V device.
- K S-Video input**  
Connect this port to the S-Video output of A/V device.
- L YPbPr signal Audio input (left/right)**  
Connect this port to the RCA audio output connectors of your A/V device.
- M AV/ S-Video signal Audio input (left/right)**  
Connect this port to the RCA audio output connectors of your A/V device.
- N Audio output**  
Connect this port to your A/V device with audio in (RCA) connectors or to audio amplifier.
- O PC Audio input**  
Connect this port to PC line out jack.
- P Headphone Jack**  
Connect this port to your headphone.



# Remote Control



## Remote control button function as follow

<b>A</b>	<b>SOURCES</b>	Select input source
<b>B</b>	<b>PIP *</b>	PIP: activate PIP feature PIP Source: change PIP source PIP Size: change PIP size
<b>C</b>	<b>0~9, -/100 number button</b>	Input channel number
<b>D</b>	<b>RECALL</b>	Return to previous channel
<b>E</b>	<b>GUIDE</b>	Show electronic program guide (EPG)
<b>F</b>	<b>SLEEP *</b>	Set timer to turn off TV
<b>G</b>	<b>CC</b>	Close Caption
<b>H</b>	<b>VOL▲ and VOL▼</b>	Adjust volume
<b>I</b>	<b>MUTE</b>	Mute On/Off
<b>J</b>	<b>MTS/SAP</b>	Select Mono, Stereo or SAP sound
<b>K</b>	<b>POWER</b>	Power On/Off
<b>L</b>	<b>Device buttons</b>	Select desire device
<b>M</b>	<b>Zoom</b>	Adjust window size
<b>N</b>	<b>WIDE *</b>	Change aspect ratio
<b>O</b>	<b>UP/ DOWN /LEFT/ RIGHT/ ENTER</b>	UP/ DOWN for OSD function select and LEFT/ RIGHT for function adjust ENTER: Enter the function setting
<b>P</b>	<b>MENU</b>	On Screen Display (OSD) menu ON/OFF
<b>Q</b>	<b>CH▲ and CH▼</b>	Change channel for TV only
<b>R</b>	<b>Control buttons **</b>	Play/ Stop/ Pause/ Record/ Forward/ Rewind ⏸ button = freeze picture
<b>S</b>	<b>DISPLAY</b>	Display current information

**Note:** PIP means Picture In Picture.

\* This feature may not be supported under all models.

\*\* For use on other device.



## Key “Defaults”

The “default” out of box setting enables the Remote to control a predetermine TV, DVD,STB, VCR, VPB, WMA and AUD.

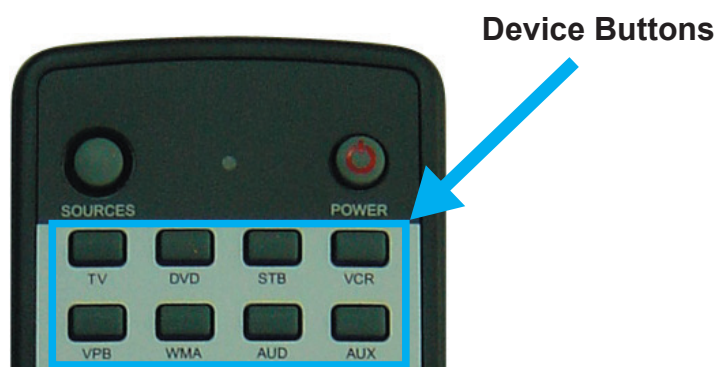
- Depending on Device desire the following model will be active.

Device	Default Setting
TV	ViewSonic
DVD	Samsung
STB	RCA
VCR	Sony
VPB	ViewSonic
WMA	ViewSonic WMA-100
AUD	Sony

**Note:** Multiple pre-programmed codes are available for some devices; if default setting does not function, see pre-programmed table for additional codes.

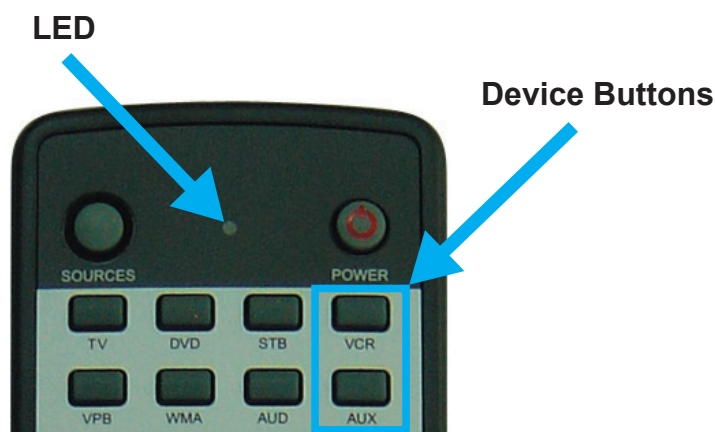
## Resetting Remote

- To reset remote and access default settings, press and hold desire device button for roughly six seconds and enter three digit reset code **000**.
- Replace batteries if remote control keys are not functioning properly, this is a normal behavior that indicates batteries are low.



## Basic Setup

1. Power on the A/V component you wish to setup, so that you can test codes by sending power off commands.
2. Refer to the Pre-programmed code tables on page 14-19 and write down the code number listed.
3. Press and hold the button for the desire device for approximately six seconds. The top LED will turn on, enter pre-programmed code. LED will blink to indicate pre-programmed code was captured correctly.



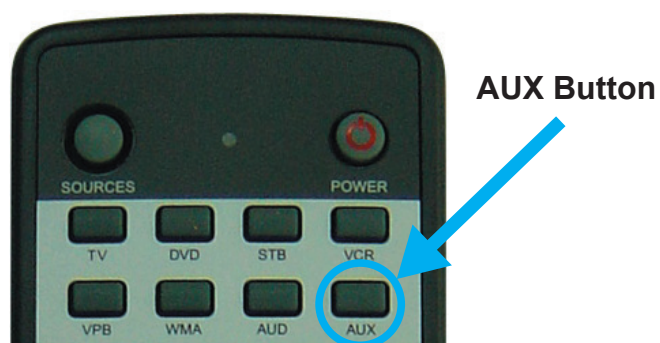
### Pre-Programmed Code Notes

Record the three digit codes for your device here:

TV	_____	VPB	_____
DVD	_____	WMA	_____
STB	_____	AUD	_____
VCR	_____	AUX	_____

## AUX Key Setup

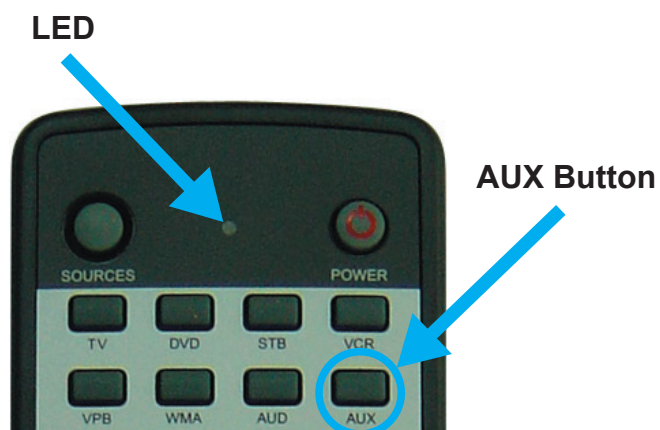
The AUX key is used to operate a second TV, DVD, STB, VCR, VPB, WMA, and AUD. A fourth digit is necessary to identify the type of device the key will control.



TV = 1	VPB = 5
DVD = 2	WMA = 6
STB = 3	AUD = 7
VCR = 4	

For example, to control a Sony DVD player with a code of 027 under the AUX key, a 2 must be added in the beginning of the pre-programmed code making it 2027. If user wants to control a Philips STB with a 006 code under the AUX key, a 3 must be added in the beginning of the pre-programmed code making it 3006.

To enter the pre-programmed code, press and hold the AUX button for approximately 6 seconds. The top LED will turn on, enter the pre-programmed code with the first digit to indicate the type of device. LED will blink to indicate pre-programmed code was captured correctly.



## Pre-Programmed Code Tables

### ViewSonic LCD TV's and Plasmas

BRAND	CODE
N1700W	001
N1300	002
N1500	003
N1750W	004
N2010	005
N2010-E	006
N2700W	007
N2750W	008
N3020W	009
N3200W	010
N3200W-E	011
VPW4255	012
VPW5500	012
N2000	014
N3000W	015

### DVD Players-1

BRAND	CODE
Aiwa	001, 033, 051, 118
Aiba	002, 037
Apex	046, 059, 060, 062, 063, 084, 085, 086
Audiovox	119
Blaupunkt	104, 123
Bose	113, 117
Broksonic	052
Bush	003
Clarion	097
Classic	098
CyberHome	004, 005
Daewoo	006, 124, 125
Dansai	007
Denon	034, 120, 140, 141
Emerson	099, 100
Fisher	101, 121
Funai	100, 114
GE	064, 102, 146
Go Video	055, 057
Goodmans	038
GPX	103

### DVD Players-2

Grundig	008, 009
Harman Kardon	116
Hitachi	010, 054, 115
Irradio	137
JVC	011, 039, 066, 069, 070, 071, 072
Kenwood	031, 142, 145
Koss	138
LG	012, 040, 041
Magnavox	077, 091
Marantz	130
Memorex	132
Mintek	104
Mitsubishi	133, 134, 135, 136
Mustek	013, 035
NAD	012, 099, 126
Nakamichi	105
Norcet	106, 107
Onkyo	127, 131
Oritron	108
Panasonic	014, 015, 016, 017, 032, 067, 092, 093
Phillips	018, 019, 061, 068, 078, 079, 080, 096
Pioneer	020, 083, 088
Proscan	064, 144
Qwestar	108
RCA	064, 081, 094
Sampo	109
Samsung	000, 021, 042, 047, 049, 065, 089
Sansui	111
Sanyo	023, 036, 053, 110
Scott	024
SEG	025, 043
Sharp	026, 043
Sherwood	112
Sony	027, 028, 044, 074, 075, 090, 095
Sylvania	058, 100, 122
Techwood	128
Thomson	022
Toshiba	029, 045, 048, 050, 076, 082
Yamaha	030, 092, 129, 143
Zenith	056, 139

## STB - Set Top Box

BRAND	CODE
Akai	019
Alba	005, 006, 007
Allsat	019
Alphastar	057
Amstrad	001
Ankaro	012
Anttron	005
Apollo	005
Armastrong	010
Asat	019
Astra	010, 013
Astro	007, 008, 012, 015
AudioTon	007
Best	012
Blaupunkt	015
Brain Wave	016
BSkyB	001
Bush	006, 017
Chaparral	054
CityCom	006
Clatronic	016
Condor	012
Crown	010
Daeryung	014
Dish Network	038
DNT	014, 019
Drake	056
Echostar	014, 021, 038, 055
Einhell	005, 010
Elta	005, 012
Emme Esse	012, 017
Ep Sat	006
Eurosat	010
Eurosky	010, 012
Eurostar	010
Express Vu	038
Ferguson	006, 017, 025
Finlandia	006
Finlux	006, 013
Fuba	005, 012, 014, 015, 019
Fujitsu	052
Galaxis	012
GE	031, 040, 041
General Instruments	048, 049
GMI	010
Goodmans	006
Granada	013

Grundig	001, 006, 007, 015, 017, 024
Hanseatic	018
Hirschmann	015
Hisawa	016
Hitachi	006, 017, 053
Hughes	053
Huth	010, 016
Intertronic	010
Janeil	052
Johansson	016
JVC	045
Kathrein	015, 019, 026
KR	007
Kreiselmeier	015
Kyostar	005
Lasat	008
Lenco	005
Luxor	013
Macab	025
Manhattan	006, 008, 017
Marantz	019
Mascom	008
Maspro	006, 017
Mediamarkt	010
Medion	012, 018, 021, 022
Metronic	005, 007, 008, 028
Metz	015
Minerva	015
Mitsubishi	006, 015, 030
Morgan's	010, 019
Nikko	010
Nokia	006, 013, 017, 020
Nordmende	005, 006, 008, 025
Novis	016
Octagon	005, 007
Okano	010
Orbitech	005
Otto Versand	015
Pace	001, 006, 015, 017
Palladium	010
Panasonic	001, 006, 017, 032, 034
Panda	006
Philips	006, 011, 017, 019, 023, 029, 058
Phonotrend	006
Predki	016
Proscan	040, 041
Provision	008
Quadral	012

Quelle	015
Radio Shack	048, 049
Radiola	019
Radix	014
RCA	000, 040, 041
Realisitic	044
RFT	019
Saba	008, 017
Sabre	006
Sagem	025
Salora	013
Samsung	005, 035, 057
Satcom	016, 018
SatPartner	005, 007, 008, 016
Schneider	012, 021, 022
Seemann	010, 014
SEG	005, 009, 012, 016, 018
Siemens	015
Skymaster	018, 021, 022, 027
Sony	043, 059
Star Trak	051
Strong	005, 007, 012
STS	050
Sunstar	010
Tandberg	025
Tandy	007
Tantec	006, 017
TechniSat	014
Teco	010
Telasat	018
Telefunken	005, 017
Teleka	007, 010, 014
Telemaster	008
Telesat	018
Televes	006
Thomson	002, 003, 004, 006, 025
Thorn	006, 017
Tonna	006
Toshiba	036, 042
Triax	015
Uniden	046, 047
Unisat	010
Unitor	016
Universum	015
Visiosat	016
Vortec	005
Wewa	006
Womersat	016
Wisi	006, 014, 015
Zehnder	008, 012, 028
Zenith	033, 037, 052

## Cable

BRAND	CODE
ABC	006, 067, 069, 105
Archer	072, 073
Cabletime	060
Contec	078
Eastern	079
France Telecom	061
GE	066
Gemini	080, 081
General Instrument	066, 107
Grundig	062
Hamlin	082, 083, 084, 089, 106
Hitachi	066
Jerrold	066, 080, 085, 086, 101, 105, 107
Magnavox	087
Motorola	108
NEC	068
Nokia	063
Panasonic	102, 104
Philips	064, 074, 075, 076, 077, 081, 087, 091, 092, 093
Pioneer	094, 095
Proscan	066
RCA	070, 104, 107
Realistic	072
Sagem	065
Samsung	095
Scientific Atlanta	069, 096, 097, 098
Signature	066
Sprucer	104
Starcom	080, 105
Stargate	080
Tocom	067, 085
United Cable	105
Universal	071, 072, 073
Zenith	103

## VCR

BRAND	CODE
Action	102
Admiral	101, 144, 145
Aiko	127
Aiwa	005, 126
Audiovox	122
Bell & Howell	119
Broksonic	059, 105, 120
Calix	122
Canon	124, 125
Capehart	083, 138
Carver	131, 151
CCE	127, 130
Citizen	095, 121, 122, 123, 127
Colortyme	096, 117
Craig	085, 090, 104, 121, 122, 130
Curtis Mathes	077, 079, 114, 117, 121, 124, 125, 150
Daewoo	006, 007, 083, 102, 123, 126, 127, 138
Daytron	083, 102, 138
Denon	088
Dimensia	114, 150
Electrohome	090, 122
Emerson	087, 090, 105, 115, 120, 122, 123, 124, 126, 132, 140
Fisher	089, 104, 119
Fuji	116, 124
Funai	095, 126
Gerrard	126
GE	065, 079, 081, 087, 114, 121, 124, 125, 141, 150
Go Video	054, 056, 071, 072, 074, 079, 081, 085, 086
Goldstar	079, 090, 092, 117, 122
Gradiente	090, 126
Harman Kardon	117, 151
Harwood	130
Hitachi	008, 009, 053, 062, 063, 088, 128, 129, 136, 139, 141
JBL	098

JC Penney	079, 085, 088, 090, 117, 118, 119, 120, 121, 122, 124, 125, 128, 129, 130, 131, 136
Jensen	128, 129, 139
JVC	010, 011, 040, 043, 058, 087, 088, 117, 118, 119, 139, 142
Kenwood	077, 117, 118, 119, 139, 142
KLH	130
Kodak	122, 124
LG	012, 013, 122
Lloyds	077, 095, 104
Loewe	037
Logik	085, 130
LXI	122
Magnasonic	085, 090, 102
Magnovox	069, 085, 124, 125, 131, 135
Marantz	077, 092, 117, 118, 119, 124, 131, 151
Matsushita	124
Memorex	073, 088, 090, 091, 097, 104, 119, 121, 122, 124, 126, 135, 144, 145
MGA	132, 140
MGN	079
Minolta	088, 128, 129, 136
Mitsubishi	014, 066, 068, 090, 128, 129, 132, 140, 142, 152
Montgomery Ward	144, 145
Motorola	124, 144, 145
MTC	085, 121
Multitech	121, 126, 130
NEC	077, 092, 117, 118, 119, 139, 142
Nikko	122
Noblex	121
Olympus	124
Optimus	090, 094, 122, 144, 145
Optonica	133
Orion	087, 090, 105
Panasonic	015, 016, 017, 018, 019, 020, 021, 037, 044, 067, 070, 085, 090, 104, 105, 124, 125, 137

Pentax	077, 088, 128, 129, 136, 141
Philips	022, 023, 024, 025, 026, 027, 076, 110, 111, 124, 131, 133, 151
Pioneer	078, 103, 118, 128, 142, 146
Portland	083, 138
Precision	102
Proscan	114, 150
Proton	085
Quasar	090, 124, 125
Radio Shack	090, 122, 133, 145
Radio Shack/Realistic	119, 121, 122, 124, 125, 126, 133, 144
Radix	122
RCA	048, 051, 078, 079, 088, 114, 115, 121, 124, 128, 129, 136, 141, 148, 149, 150
Realistic	079, 090, 094, 097, 104, 119, 121, 122, 123, 124, 125, 126, 133, 144, 145
Ricoh	143, 147
Runco	135
Saba	038, 039
Samsung	028, 029, 057, 060, 079, 095, 107, 109, 121, 123
Sansui	085, 118, 139, 142
Sanyo	030, 052, 089, 097, 104, 119, 121, 151
Scott	090, 120, 123, 132
Sears	077, 088, 089, 090, 097, 104, 119, 122, 124, 128, 129, 136
Sharp	041, 042, 049, 050, 091, 094, 101, 133, 144, 145
Shintom	085, 116, 129, 130
Signature	144, 145
Signature 2000	097, 101
Singer	085, 124, 130, 143, 147
Sony	000, 001, 002, 003, 004, 045, 075, 080, 082, 084, 098, 099, 116, 134
STS	124, 136
Sylvania	061, 112, 124, 125, 126, 131, 132, 151

Symphonic	077, 095, 104, 126
Tandy	119
Tashiko	122
Tatung	139
Teac	126, 139, 148
Technics	124, 137
Teknika	090, 122, 124, 126
Thomson	031, 032, 035, 036, 038
Tivo	113
Toshiba	033, 034, 046, 047, 100, 102, 104, 106, 123, 128, 132, 140
Totevision	090, 121, 122
Unitec	095
Unitech	121
Vector Research	077, 117, 118, 123
Video Concepts	077, 117, 118, 123, 140
Wards	079, 090, 091, 094, 104, 121, 122, 123, 124, 126, 128, 129, 130, 133, 136, 144, 145, 149,
White Westinghouse	095
XR-1000	124, 126, 130
Yamaha	077, 117, 118, 119, 139
Zenith	055, 064, 090, 093, 116, 135, 143, 147

## VPB

BRAND	CODE
Next Vision N4	001
Next Vision N5	002
Next Vision N5-2	006
Next Vision N5-2E	007
Next Vision N6	003
Next Vision HD10	004
Next Vision HD12	005

## WMA

BRAND	CODE
WMA100	013



**AUD**

<b>BRAND</b>	<b>CODE</b>
Aiwa	024, 041, 063
Akai	013
Bose	039
Carver	075
Curtis Mathes	065
Denon	001, 053, 054, 059, 076
Fisher	005, 066, 068, 073
GE	030
Goodmans	013
Gradiente	086
Harman Kardon	002, 025, 052, 070
Hitachi	003, 083
JBL	025
Jensen	085
Jerrold	026, 028
JVC	004, 050, 057
Kenwood	005, 055, 058, 072, 080
Luxman	088
Marantz	042
McIntosh	082
NAD	064
Nakamichi	078
NEC	064
Nikko	087
Onkyo	006, 044, 048, 079
Optimus	065, 071
Panasonic	032, 033, 051, 056, 062, 074, 091
Philips	007, 037, 038, 040
Pioneer	008, 035, 045, 049, 065, 069
Proscan	030
Quasar	074
Radio Shack	071
RCA	029, 030, 031, 034
RCA & Dimensia	019, 020, 021, 022, 023
Roadstar	013
Saisho	013
Samsung	009
Sansui	013, 081
Sanyo	066, 068
Scientific Atlanta	027
Sharp	010, 084
Sherwood	011, 071
Sony	000, 012, 046, 060, 067
Starcom	026
Technics	014, 043, 047, 074

Thomson	015, 016
Toshiba	036
Uher	013
Yamaha	017, 018, 061, 072, 077
Zenith	089

# Installation

## 1. Insert Remote Control Batteries



1. Remove the battery cover by pulling then lifting the knob on the cover.
2. Insert the batteries, corresponding to the (+) and (-) markings on the battery compartment.
3. Reattach the battery cover.



### CAUTION

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

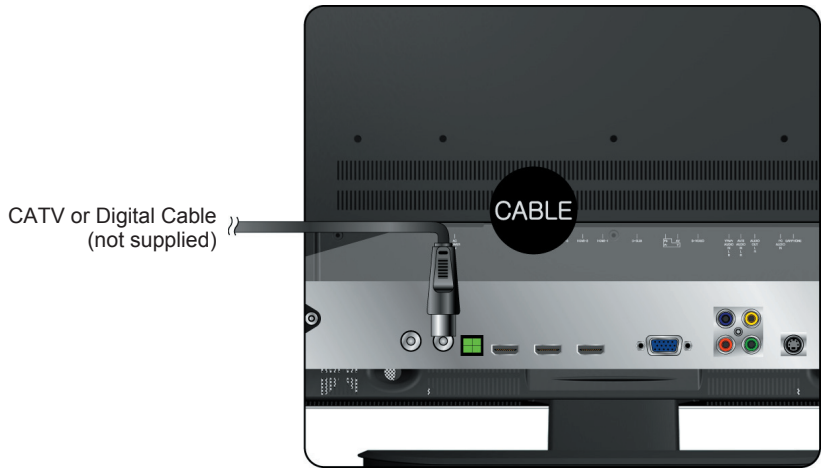
## 2. Connecting RF antenna and Cable TV

Make sure the power is OFF before installing your LCD TV.

- 1) **Air TV:** Connect the LCD TV to TV antenna with 75-ohm coaxial cable. Preset the air TV channels into memory with **Auto Scan** function when using an antenna TV system. This air input jack both support TV and DTV systems. Besides, the TV system (NTSC) and DTV system (ATSC) can be found by the scanning of "AIR" in the **Auto Scan** function. (See page 32.)



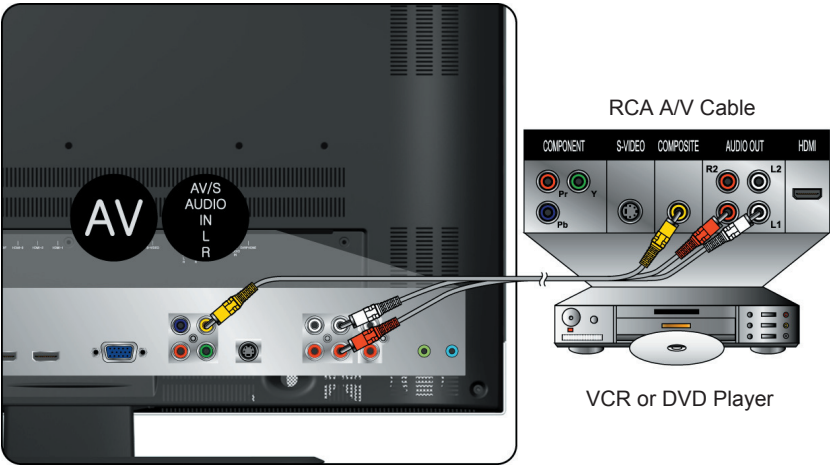
**2) Cable TV:** Connect the LCD TV to the cable with CATV and Digital cable. Preset the cable TV channels into memory with **Auto Scan** function when using a Cable TV system. The cable input jack both support CATV and Digital cable systems. Besides, the CATV system (cable TV) and Digital cable system (clear QAM) can be found by the scanning of “Cable” in the **Auto Scan** function. (See page 32.)



### 3. Connecting to DVD / Set Top Box

Connect Video/ Audio cables from compatible devices into the back panel of LCD TV.

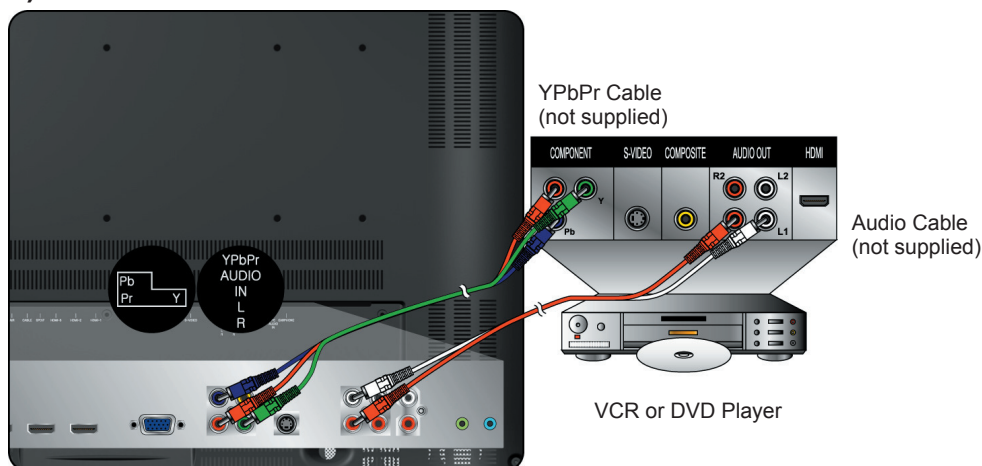
**1) With AV cable:**



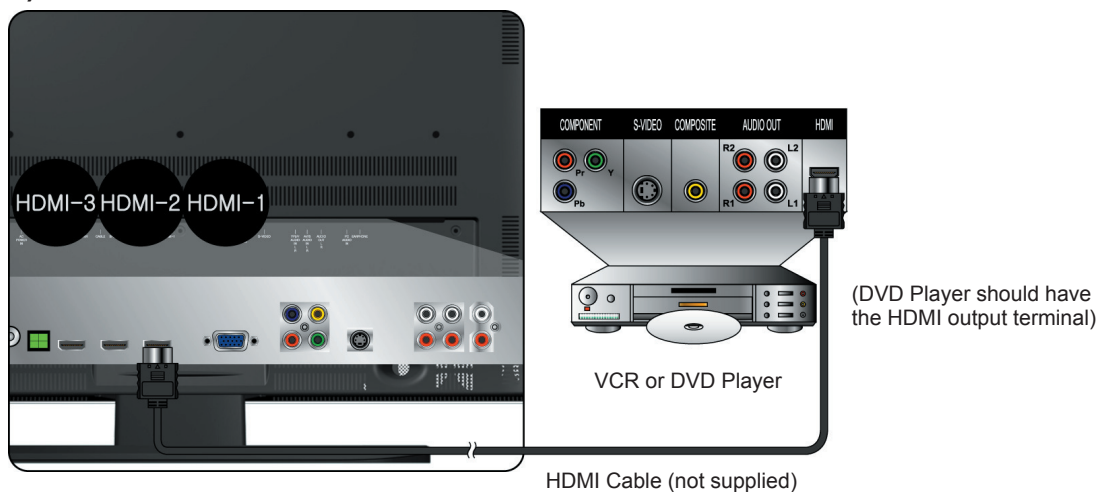
**2) With S-Video cable:**



### 3) With YPbPr cable:

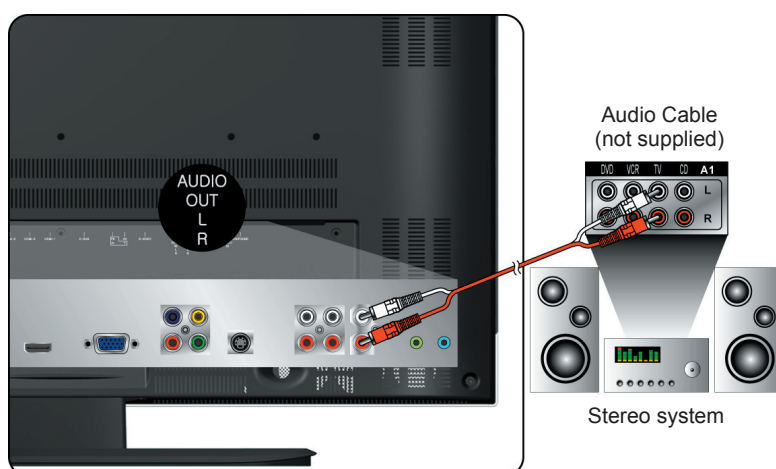


### 4) With HDMI-1/ HDMI-2/ HDMI-3 cable:



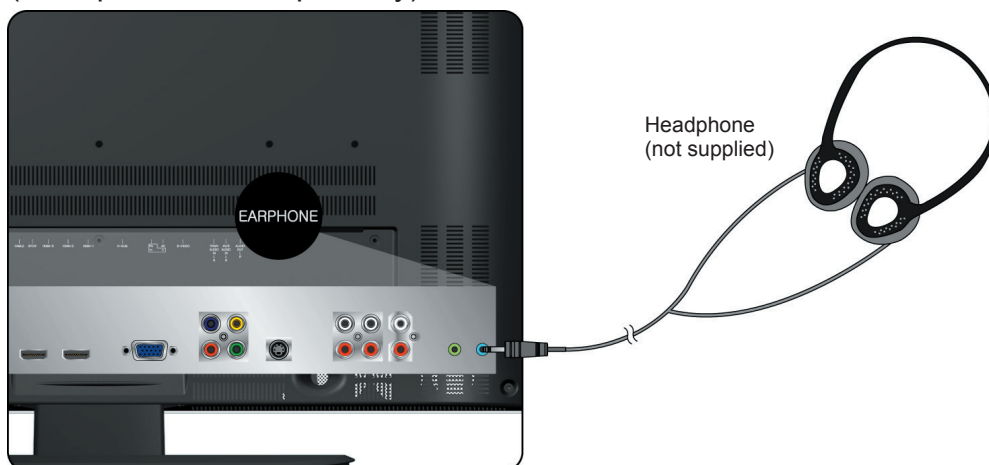
## 4. Connecting to External Stereo System to Listen to LCD TV Sound

Connect the audio output terminal of the LCD TV to audio in terminal of the stereo system (stereo system sold separately).



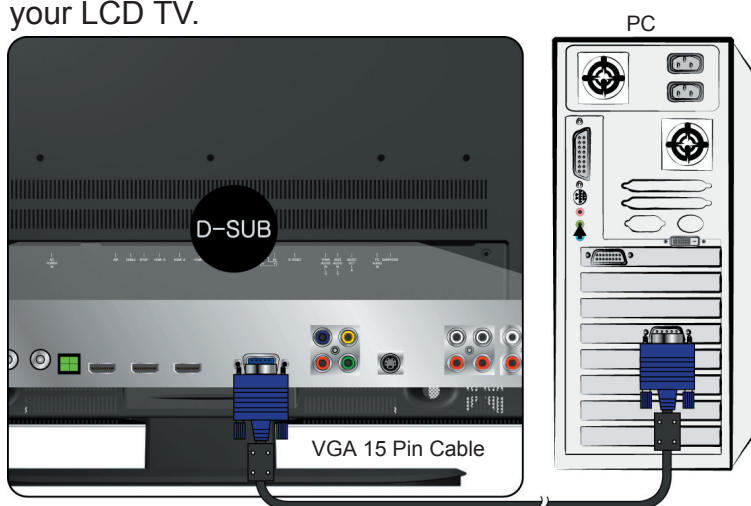
## 5. Connecting to the Headphone

Connect the headphone to the headphone output terminal of the LCD TV.  
(Headphone sold separately).



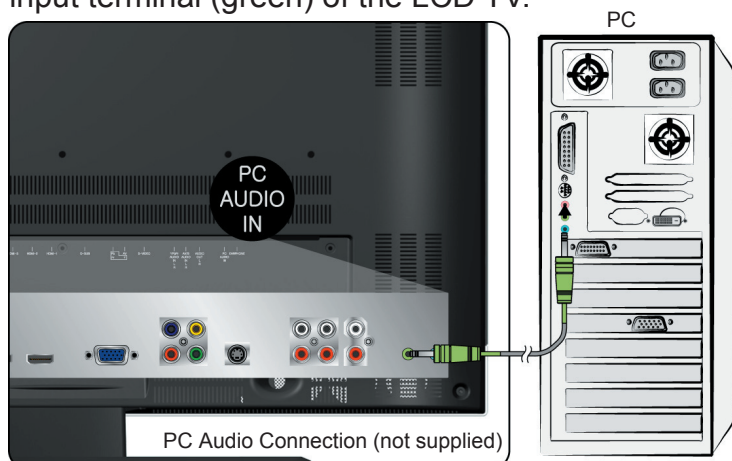
## 6. Connecting to a Computer

Connect the VGA cable from VGA output of computer to the VGA terminal input of your LCD TV.



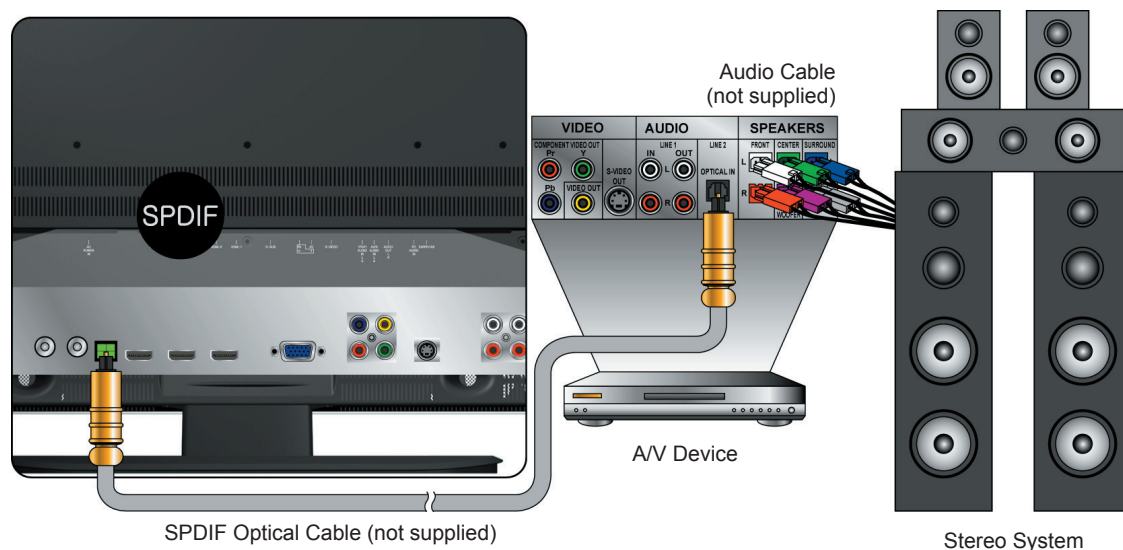
## 7. PC Audio In

Connect the Audio cable (green) from audio output of your computer to the audio input terminal (green) of the LCD TV.



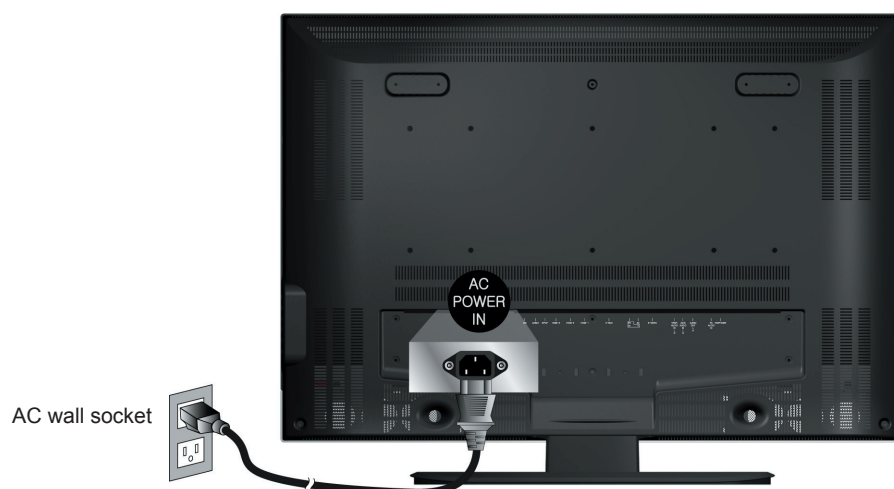
## 8. Connecting to A/V Device with SPDIF input

Connect SPDIF optical cable from A/V device into the SPDIF output connector of LCD TV.



## 9. Connecting with the power cord

Connect the power cord to the AC inlet on the back of your LCD TV, after all connections have been completed, and plug the other end of the power cord into a correctly grounded electrical outlet.





## Basic Operation

To operate your LCD TV, you may use the TV remote control or top panel buttons to select input source, change channels, or adjust volume.

### Turning on the LCD TV

Before using the LCD TV:

1. Connect external equipment properly.
2. Insert the power plug, and the power LED indicator will light red.

### Power On/Off

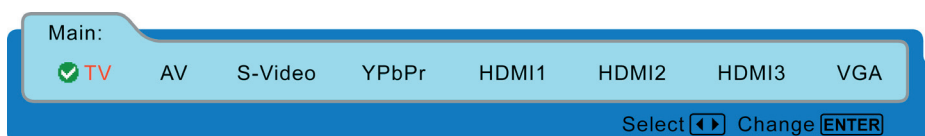
To turn the LCD TV on/off:

Press the **POWER** button under the LCD TV, or press the **POWER** button on your remote control to turn on/off the TV. The power LED indicator lights green when the LCD TV is on.

### Select input source

To select the required input source:

Press the **SOURCES** button on the remote control. Use ◀▶ to select the required input source between TV, AV, S-Video, YPbPr, HDMI1, HDMI2, HDMI3, and VGA. To confirm the selection, press **ENTER**.



### Volume adjusting

Press **VOL ▲/▼** to adjust the volume.

To silence volume, press **MUTE**.

If you want to restore volume, press **MUTE** again, or press **VOL ▲/▼** directly.



### Display

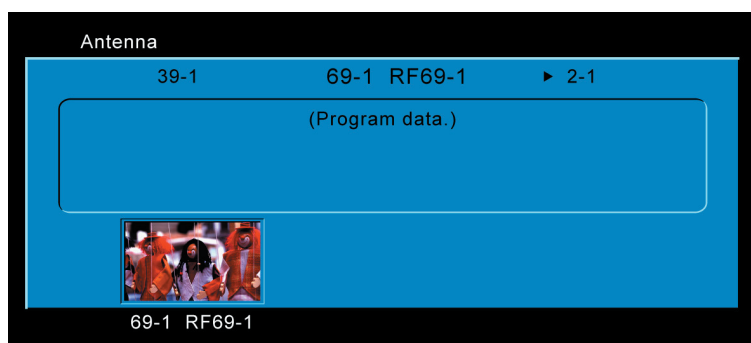
To display the current information of the LCD TV:

Press **DISPLAY**, and the current state will be displayed on the screen. (It shows all or some of the information about Input, Channel, Resolution, Audio Type, Smart Sound Modes, and Smart Picture Modes, depending on what input source it is in.)



## DTV Guide

Press the **GUIDE** button on the remote and program information for the channel you are watching will be displayed on the screen with the live program content in a small window in the lower left corner of the panel.



Press the ◀ or ▶ button to scroll up or down the channels. Each time you pause at a channel, the program list will update with the program schedule for that channel and the window will show the live program for that channel. Press the **GUIDE** button to exit this feature.

## Channel Select

Press number key or **CH** ▲/▼ button to select your desired channel.

### 1. In TV mode

The **-/100** button functions as "100".

If your desired channel is below 100, directly press number buttons. If your desired channel is over 100, press **-/100** button first, and then press the other two number buttons.

Ex: Your desired number is 8.

Press **0** → press **8**, or press **8** only.

Ex: Your desired number is 110.

Press **-/100** → press **1** → press **0**.

\* Return to the previous channel, press **RECALL** button.

### 2. In DTV mode

The **-/100** button functions as "-". Use **-/100** button to select the sub channel in DTV.

Ex: Your desired number is 80-3.

Press **8** → press **0** → press **-/100** → press **3**.

※How to switch between Air TV and Cable TV?

When in TV mode, go to the "Tuner Mode" in the TV menu , and switch between Air and Cable.

## Sleep Time Setting

Repeatedly press **SLEEP** button to set the off timer. The function is used to automatically shut off the LCD TV after a preset period of time passed. There are several times for choice – OFF, 30min, 60min, 90min, or 120min.



## Zoom

Press **Zoom** button repeatedly to select the screen size. You can select from normal, x2, x4, x8, x16, 1/32, 1/16, 1/8, 1/4, and 1/2 sizes.

---

## Wide

Repeatedly press **WIDE** button to select the aspect ratio of screen. You can select between No scale, Normal, Full, Wide 1, Wide 2, Wide 3, 4:3, and 16:9.

---

## Freeze Picture

Press **II** (Freeze) button to freeze picture. However, the sound still continues. Press **II** button again to restore.

---

## Closed Caption

Repeatedly press **CC** button to select closed caption signal formats and set up caption modes for TV/ DTV channels.

---

## Using the OSD function

You can use the OSD menus and options to adjust various settings by using the remote control.

The basic operation is as following:

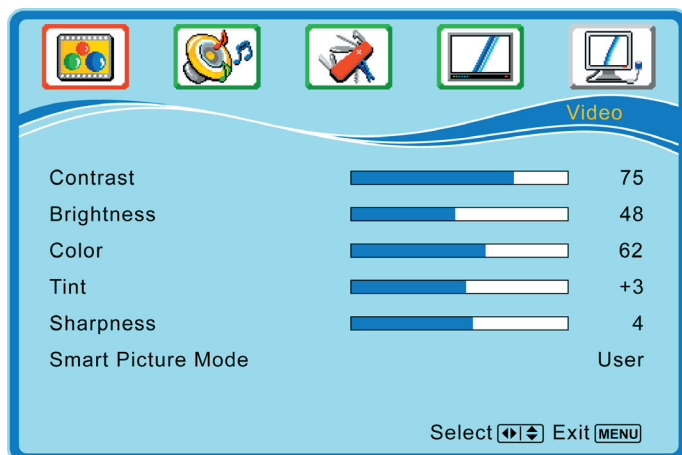
- Press **MENU** to display OSD Menu.
- Press **◀▶** to select your desired top Menu.
- Use **▲▼** to select the control you want to adjust.
- When selecting the control with **Press <ENTER>**, press **ENTER** to enable the function.
- Press **◀▶** to adjust or select the settings.
- Press **MENU** to exit from the OSD menu.

# OSD Functions

## ADVANCED OPERATION — OSD MENU

### Video Menu — To adjust the picture quality

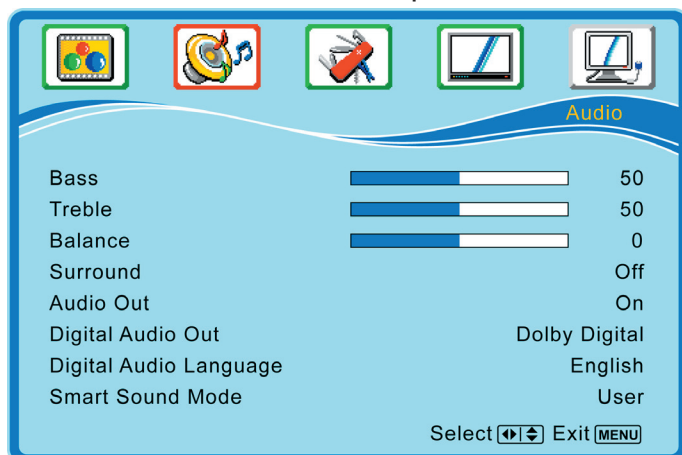
Video Menu is active in all except the VGA input source.



- **Contrast:** To adjust contrast of video. (right: Max, left: Min).
- **Brightness:** To adjust luminance of video. (right: Max, left: Min).
- **Color:** To adjust color. (right: brilliant color, left: pale color).
- **Tint:** To adjust tint level. (right: greenish tone, left: reddish tone).
- **Sharpness:** To adjust picture sharpness. (right: sharper, left: softer).
- \* *Note: To adjust the above controls in the Video settings, Smart Picture Mode must be set to "User".*
- **Smart Picture Mode:** To select picture mode between User, Cinema, Sport, Vivid, and Hi-Bright.

### Audio Menu — To set the audio quality and status

Audio Menu is active in all input sources.

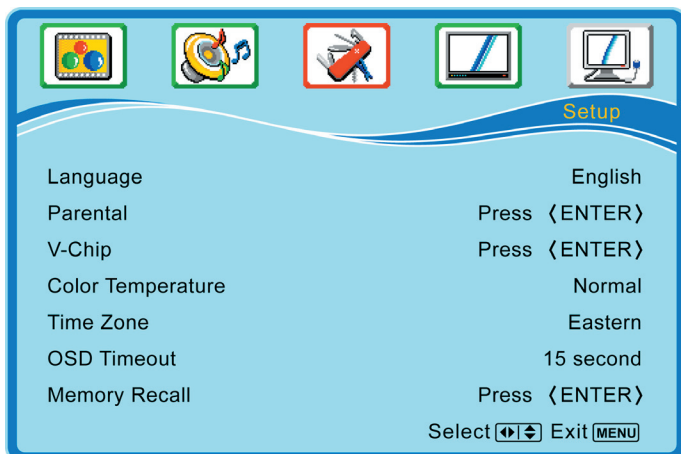


- **Bass:** To adjust bass.
- **Treble:** To adjust the treble
- **Balance:** To adjust left and right audio balance.
- **Surround:** To enjoy a concert hall effect, select **On** when stereo is playing.
- **Audio Out:** To control sound output ON/OFF from the RCA audio out connectors.
- **Digital Audio Out:** To select the sound format of the digital TV.
- **Digital Audio Language:** To select the audio language of the digital TV.
- \* *Note: To adjust the above controls in the Audio settings, Smart Sound Mode must be set to "User".*
- **Smart Sound Mode:** To select sound mode between User, Rock, POP, Live, Dance, Techno, Classic, and Soft.

## Setup Menu — To set up OSD window

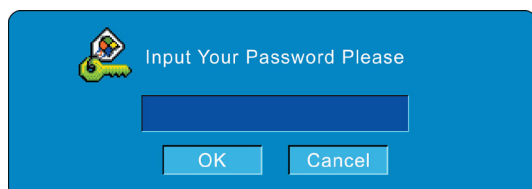
Setup Menu is active in all input sources.

(However, when in VGA input source, there is no “V-Chip” function in the menu.)



- **Language:** To select an OSD language from English, French or Spanish.
- **Parental:** To set up parental control.

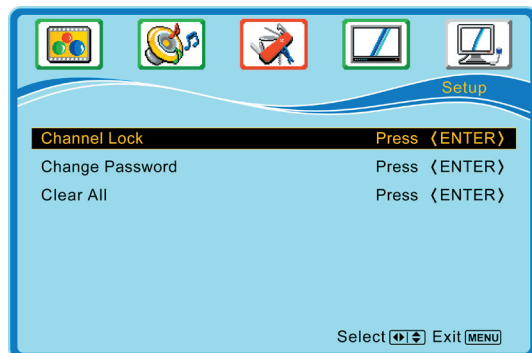
When you enter this control, the screen below will be displayed.



The factory default of the password is “0000”.

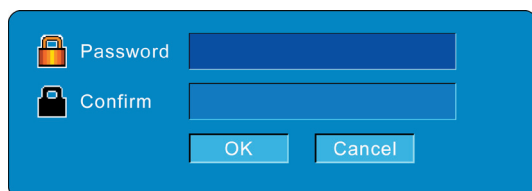
To enable parental control, input the password, press ▼ button to focus on **OK** key, and then press **ENTER**. (Select **Cancel** if you want to exit.)

After entering, the following screen will be shown.



**Channel Lock:** To lock channels. Use ◀▶ to select the channel you want to lock, and then press **ENTER** to lock or unlock it.

**Change Password:** To change the password, press **ENTER** and enter the password again. Press **ENTER**, and the following screen appears.



Enter the new password, use ▼ to move the cursor down, and then enter the new password again, press **OK** to confirm or **Cancel** to exit.

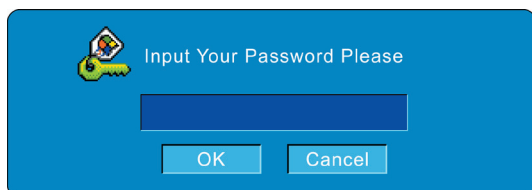
\* *Note: Please make sure you remember your new password after changing. If the password is forgotten or missing, please use the remote control to enter "8866" to clean the password and reset a new one.*

**Clear All:** To clear all the locks set before, press **ENTER**.

Press **MENU** to return to the previous page.

- **V-Chip:** Press **ENTER**, and the following screen appears.

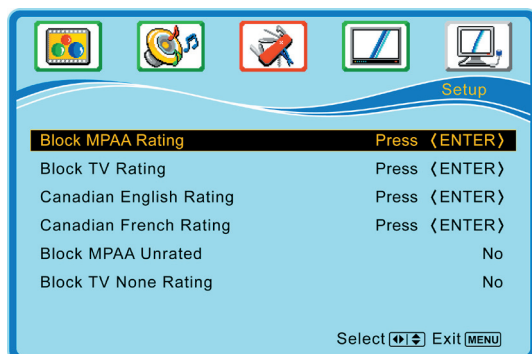
V-Chip is transmitted from TV station to help parents monitor what their children watch. According to the pre-set of factory, viewers can see all of the channels. However, setting V-Chip can block the appointed channels.



The factory default of the password is "0000".

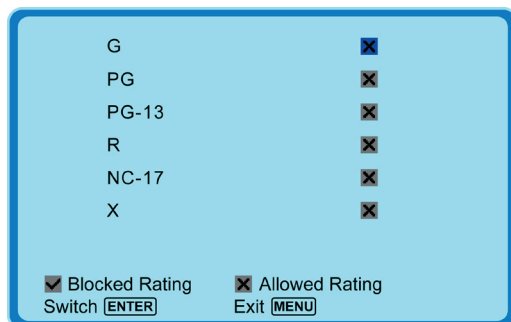
To enable parental control, input the password, press ▼ button to focus on **OK** key, and then press **ENTER**. (Select **Cancel** if you want to exit.)

After entering, the following screen will be shown.



Use ▲ ▼ to select your desired optional item, and press **ENTER**.

- **Block MPA Rating:** To adjust movie blocking level in the US. You can select between **NONE, G, PG, PG-13, R, NC-17, or X**.



The movie Ratings in the US are defined as following.

<b>G</b>	General audience	<b>R</b>	Restricted
<b>PG</b>	Parental guidance suggested	<b>NC-17</b>	No one 17 and under limited
<b>PG-13</b>	Parents strongly cautioned	<b>X</b>	Adult audience only

Use **ENTER** button to block or unblock the ratings, and use **MENU** to exit.

- **Block TV Rating:** To adjust TV blocking level in the US. You can select between **TV-Y**, **TV-Y7**, **TV-G**, **TV-PG**, **TV-14**, or **TV-MA**.

TV-Y

☒

TV-Y7

☒

TV-G

☒

TV-PG

☒

TV-14

☒

TV-MA

☒

FV

V

S

L

D

☒ Blocked Rating  
Switch [ENTER]

☒ Allowed Rating  
Exit [MENU]

The TV Ratings in the US are defined as following.

<b>TV-Y</b>	All children	<b>TV-PG</b>	Parental guidance suggested
<b>TV-Y7</b>	Directed to older children: this program is designed for children age 7 and above	<b>TV-14</b>	Parents strongly cautioned: this program contains some material that is unsuitable for children under 14 years of age
<b>TV-G</b>	General audience	<b>TV-MA</b>	Mature audience only

Use **ENTER** button to block or unblock the ratings, and use **MENU** to exit.

- **Canadian English Rating:** To adjust blocking level in English-speaking region of Canada. You can select between **CE\_E**, **CE\_C**, **CE\_C8**, **CE\_G**, **CE\_PG**, **CE\_14**, and **CE\_18**.

CE\_E

☒

CE\_C

☒

CE\_C8

☒

CE\_G

☒

CE\_PG

☒

CE\_14

☒

CE\_18

☒

☒ Blocked Rating  
Switch [ENTER]

☒ Allowed Rating  
Exit [MENU]

The TV Ratings in English-speaking region of Canada are defined as following.

<b>CE_E</b>	Exempt	<b>CE_PG</b>	Parental guidance
<b>CE_C</b>	Children	<b>CE_14</b>	Viewers 14 years and older
<b>CE_C8</b>	Children eight years and older	<b>CE_18</b>	Adult programming
<b>CE_G</b>	General programming, suitable for all audiences		

Use **ENTER** button to block or unblock the ratings, and use **MENU** to exit.

- **Canadian French Rating:** To adjust blocking level in French-speaking region of Canada. You can select between **CF\_E**, **CF\_G**, **CF\_8ANS**, **CF\_13ANS**, **CF\_16ANS**, and **CF\_18ANS**.

CF\_E

☒

CF\_G

☒

CF\_8ANS

☒

CF\_13ANS

☒

CF\_16ANS

☒

CF\_18ANS

☒

☒ Blocked Rating  
Switch [ENTER]

☒ Allowed Rating  
Exit [MENU]

The TV Ratings in French-speaking region of Canada are defined as following.

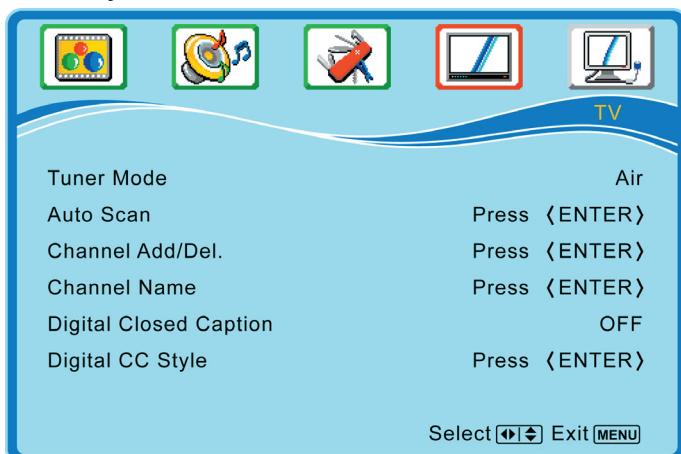
<b>CF_E</b>	Exempt	<b>CF_13ANS</b>	This emission can not be appropriate to the children of less than 13 years
<b>CF_G</b>	General	<b>CF_16ANS</b>	This emission is not appropriate for less than 16 years
<b>CF_8ANS</b>	General-Disadvised to the young children	<b>CF_18ANS</b>	This emission is reserved to the adults

Use **ENTER** button to block or unblock the ratings, and use **MENU** to exit.

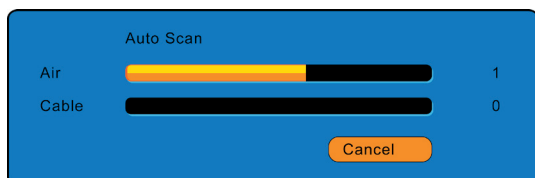
- **Block MPAA Unrated:** To block unrated movies.
- **Block TV None Rating:** To block unrated TV programs.
- **Color Temperature:** To select the color temperature from Warm, Cold, Normal or User. (If you select User, you can adjust the degree of R, G, B in Color Temp. to suit your personal preference.)
- **Time Zone:** To select Time Zones.
- **OSD Timeout:** To setup the display time of OSD. (5, 15, 45, and 60 seconds)
- **Memory Recall:** To restore the factory default settings.

## TV Menu — To set up for TV

It is only active in TV source.



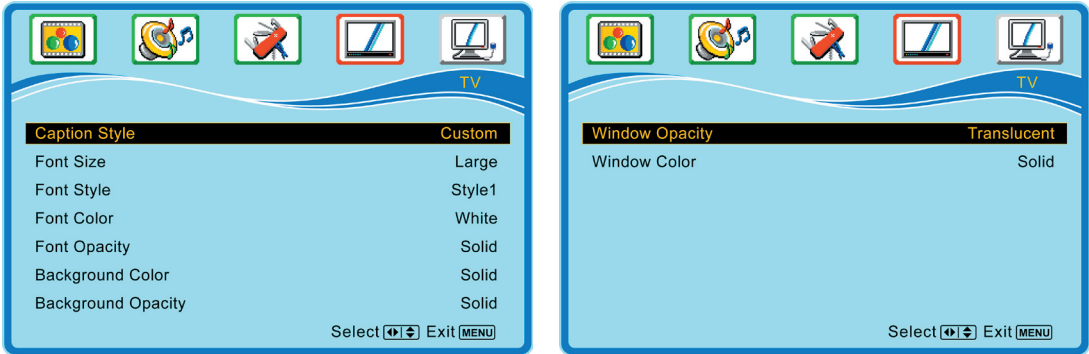
- **Tuner Mode:** To select Cable or Air as the TV source. Select “Cable” if you want to watch Cable TV channels, and select “Air” to watch Air TV channels.
- **Auto Scan:** To auto scan the TV and DTV channels. Press **ENTER** to start auto scanning TV and DTV channels. Press **ENTER** again at any time to interrupt scanning.



- **Channel Add/Del.:** Select **Delete** to skip the channel appointed, or select **Add** to restore the channel appointed by using ◀▶ or **ENTER**.
- **Channel Name:** Press **ENTER** to edit a name for the channel appointed. Use ▲▼◀▶ to select the letters you want, and use **BackSpace** key to delete backwards. Move the cursor to **OK** and then press **ENTER** to complete and save the channel name. To cancel editing, choose **Cancel** or exit without pressing **OK**.

\* Note: When input source is DTV, “Channel Name” will not appear on the TV Menu.

- **Digital Closed Caption:** To select closed caption signal formats and set up caption modes for digital TV channels. (C1~C4, Service1~Service 6, or OFF)
- **Digital CC Style:** Press ◀▶ to select **Caption Style** from **As Broadcaster** or **Custom**. When Custom is selected, use ▲▼ to select the desired controls, ◀▶ to adjust detailed settings.



- Font Size:** To select a font size from Large, Small, or Medium.
- Font Style:** To select different font style from Style 1 to Style 7.
- Font Color:** To select a font color from Black, White, Green, Blue, Red, Cyan, Yellow, or Magenta.
- Font Opacity:** To select font opacity from Solid, Translucent, or Transparent.
- Background Color:** To select background color.
- Background Opacity:** To select background opacity.
- Window Opacity:** To select window opacity.
- Window Color:** To select window color.

## VGA Menu — To set up for computer

It is only active in VGA source.



- **Auto Adjust:** Press **ENTER** to auto adjust picture's horizontal position, vertical position, fine tune and H-Size.
- **Contrast:** To adjust contrast of the video.
- **Brightness:** To adjust luminance of the video.
- **Fine Tune:** To adjust the delay time of data and clock to reduce noise in picture.
- **Manual Clock:** To adjust the horizontal pixel clock of the video.
- **H. Position:** To adjust the horizontal position of the picture.
- **V. Position:** To adjust the vertical position of the picture.



## ADVANCED OPERATION — REMOTE CONTROL

### PIP/POP

PIP/POP button allows you to watch two screens from different sources at the same time.  
(PIP is picture in picture; POP is picture out of picture.)

Press **PIP** on the remote control repeatedly.

The screen will change from normal screen → PIP screen → POP screen.



#### • PIP Input Source Select

1. Press **PIP Source** button to select input source for sub-screen as following.  
(You must press **PIP** button first.)

Main Screen	Available Sub-Screen Input Source
TV	YPbPr / HDMI1 / HDMI2 / HDMI3 / VGA
AV	YPbPr / HDMI1 / HDMI2 / HDMI3 / VGA
S-Video	YPbPr / HDMI1 / HDMI2 / HDMI3 / VGA
YPbPr	TV / AV / S-Video / HDMI1 / HDMI2 / HDMI3
HDMI1 / HDMI2 / HDMI3	AV / S-Video / YPbPr / VGA
VGA	TV / AV / HDMI1 / HDMI2 / HDMI3

2. Use ◀▶ to select the sub-input source and press **ENTER** to confirm.

**Note:** To select the input source for main screen, press **SOURCES** button.

- **PIP Size Select:** Press **PIP Size** to select the size of sub-screen. The function only acts on PIP.
- **PIP Position Select:** Press ▲ to select the position of sub-screen. The function only acts on PIP.



Note that the screen indexed with the pink frame is the screen you select to set up.  
Use ◀▶ to move the index between the main screen and the sub-screen.



## Other Information

### Specifications

LCD	Type	42.02" TFT Active Matrix RGB 0.68 (H) x 0.68 (V) mm pixel
	Color Filter	RGB vertical stripe
	Glass surface	Anti-Glare
Input signal	RGB	RGB analog (0.7/1.0 Vp-p, 75 ohms) Separate Sync, f <sub>h</sub> : 30-80 kHz, f <sub>v</sub> :50-75 Hz
	RF	TV system Antenna / NTSC+ATSC, TV cable system / CATV + Digital Cable
	Video	1 composite RCA, 1 S-Video, 1 YPbPr component, HDMI x 3
	Audio	1 mini-stereo, 2 pair of RCA (L/R) stereo
Compatibility	PC	Up to 1360 x 768 Non-interlaced
Resolution	Recommended and supported	1360 x 768 @ 60 Hz 1280 x 1024 @ 60 Hz 1280 x 720 @ 60 Hz 1024 x 768 @ 60, 75 Hz 800 x 600 @ 60, 75 Hz 640 x 480 @ 60, 75 Hz
Speaker Output		10W x 2 @ THD=10%
Audio Output		1 SPDIF (optical), 1 Headphone jack, 1 stereo RCA jack
Power	Voltage	100-240 VAC, 50/60 Hz (auto switch)
Display area	Full Scan	930.25mm (H) x 523.01mm (V) 36.6" (H) x 20.59" (V)
Operating conditions	Temperature	32°F to + 104°F ( 0°C to + 40°C)
	Humidity	10% to 65% (no condensation)
	Altitude	To 10,000 feet (3,000m)
Storage condition	Temperature	-4°F to + 140°F (-15°C to + 60°C)
	Humidity	10% to 90% (no condensation)
	Altitude	To 40,000 feet (12,000m)
Dimensions	Physical	1025.14mm (W) x 773.47mm (H) x 294.55mm (D) 40.4" (W) x 30.5" (H) x 11.6" (D)
Weight	Net	33.3 kg (73.3 lb)
Regulations		UL, FCC-B (Doc-B), NOM, BEST-7
Power consumption	On	< 280 W (green LED)
	Stand by	< 3 W (red LED)

**Preset Timing Mode** (Pre-adjusted to GTF® 1360 x 768 @ 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 TV.

**Note:** Product Specifications are subject to change without notice.

# Troubleshooting

## No power

- Make sure the LCD TV is properly connected.
- Make sure the AC power cord is properly connected.
- 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.
- Make sure that setup has been done correctly after connections.
- Make sure the correct input is selected and the input signal is compatible.

## 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.
- 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 TV 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?
- 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.
- 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	Email
United States	<a href="http://www.viewsonic.com/support/">www.viewsonic.com/support/</a>	T= (800) 688 6688 F= (909) 468 1202	<a href="mailto:service.us@viewsonic.com">service.us@viewsonic.com</a>
Canada	<a href="http://www.viewsonic.com/support/">www.viewsonic.com/support/</a>	T= (866) 463 4775	<a href="mailto:service.ca@viewsonic.com">service.ca@viewsonic.com</a>

# Limited Warranty

## VIEWSONIC® LCD TV

### What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship, under normal use, 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 LCD TV are warranted for one (1) year for all parts excluding the light source and one (1) year for labor from the date of the first customer 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. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, and set-up service charges.
5. When you mount it on the wall, the following must be noticed:
  - a. The accessories attached with this product are applicable for this product only.
  - b. When the product is mounted on the wall, holes and fixed screws will remain in the wall body.
  - c. Wall face may discolor when this product has been mounted on the wall for a long time.

### 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 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 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.

The warranty period for this product in mainland China (Hong Kong, Macao and Taiwan Excluded) is subject to the terms and conditions of the Maintenance Guarantee Card.

