

ViewSonic™

VT2430-G

LCD TV

- 使用手册

- 使用手册

- User Guide



ViewSonic™

Model No. : VS12464-1G

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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, 2009. 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.

| For Your Records | |
|-------------------------|--|
| Product Name: | VT2430 ViewSonic LCD TV |
| Model Number: | VS12464-1G |
| Document Number: | VT2430-G_UG_ENG Rev. 1A 02-23-09 |
| 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.

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

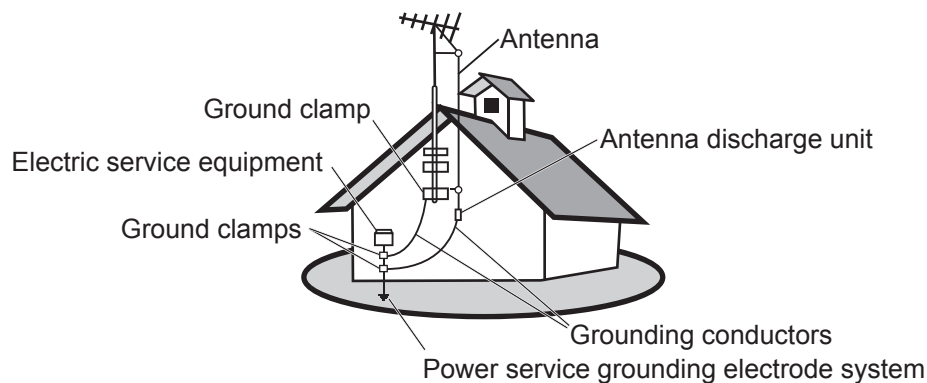
If an outside antenna or cable system is connected to the product be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges, Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper 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
- Remote Control with batteries
- ViewSonic User Guide
- Power Cord
- VGA Cable
- Warranty Card *

* **Note:** For Hong Kong area, there is no warranty card.

Mounting ViewSonic LCD TV to the wall

The LCD TV can be used in a free standing position or wall-mounted. Before installing the product to the wall, please consider the following guidelines:

- Due to safety concerns, if the VESA mounting kit is purchased separately please make sure the mounting kit is UL-Listed, and replaceable only by service personnel.
- 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.
- Do not install near heat source, or strong magnetic fields.
- Use only ViewSonic approved wall-mounting brackets to support the LCD TV weight.
- Before attaching the wall mount plate to the back cover, ensure the product is working.
- 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.

To attach the wall-mount bracket to LCD TV safely, please use the following guidelines:

- Disconnect the power and any other cables that might hinder moving the LCD TV.
- Set the LCD TV on a table or work surface, placing the screen face down on a towel or woolen blanket to protect the screen surface from damage while installing plate.
- Please refer the following steps to remove the stand.
 1. Lay the TV flat on a table with the LCD screen face down. To prevent the TV from being scratched, put a piece of soft cloth on the table on which the screen will be set.
 2. Press on four corners of the hinge cover and pull as arrow direction to disengage the hinge cover.
 3. Remove the 4 screws on the hinge, then pull up the stand slowly.
 4. Then, you shall successfully uninstall the stand.

Figure 1

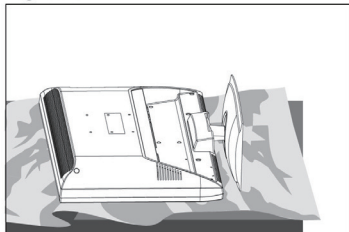


Figure 2

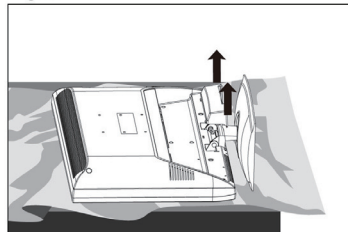


Figure 3

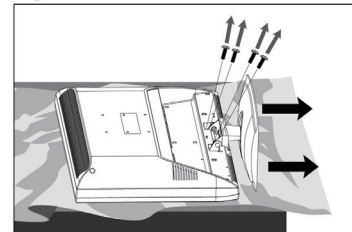
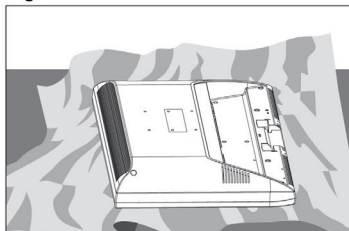


Figure 4

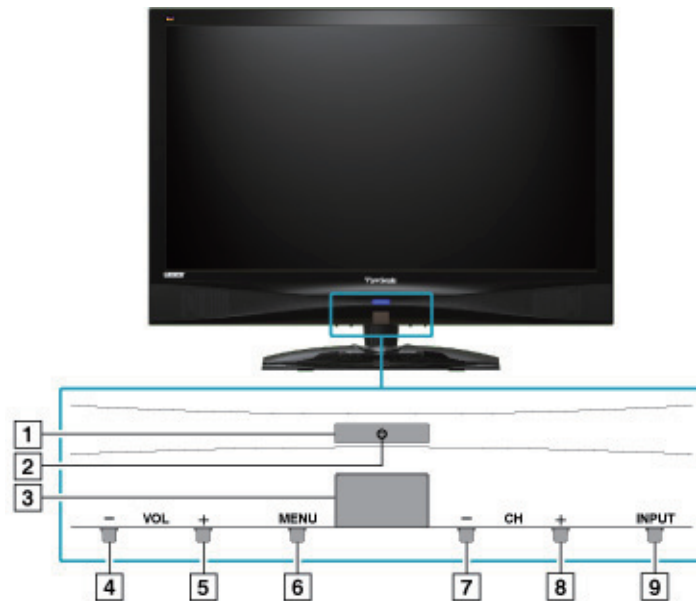


- Install the wall mount plate to the LCD TV using screws NO LONGER than 10mm, as longer screws found in universal (non-ViewSonic) wall mount kits may damage the power supply causing the unit to fail. The wall-mount screw type is M4 x L10.



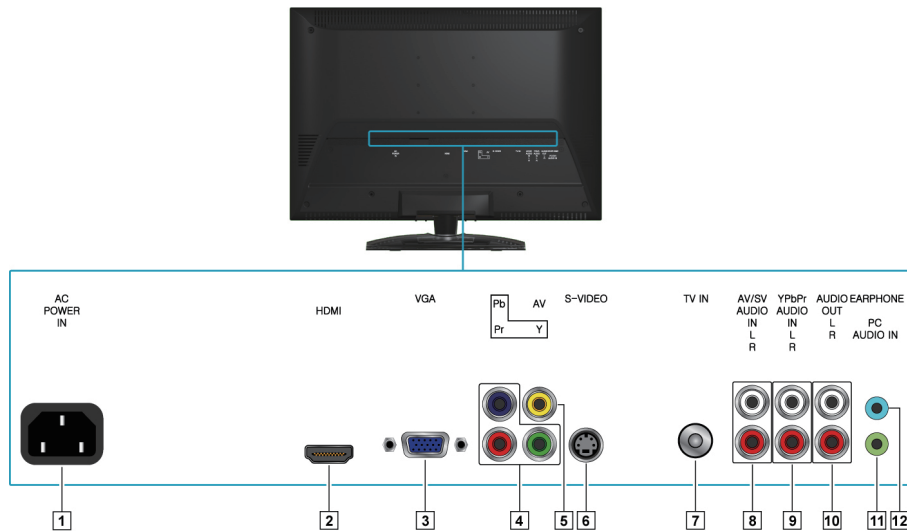
- Mount the wall mount bracket to the wall ensuring use of proper screws to support the installation. Ensure there is at least 3cm of space surrounding any air-vents of your LCD TV to allow adequate cooling during operation.
- Hang the LCD TV wall mount plate to the wall mount bracket, completing installation. Enjoy your ViewSonic LCD TV!

Front View of the Product



| Item | Description |
|----------------------------------|---|
| 1 Power ON/OFF button | Turn the power on from standby mode or turn the power off to return to the standby mode. |
| 2 Power LED Indicator | Lights up in blue when the TV is turned on. Lights up in orange when the TV is in standby mode. |
| 3 Remote Control Receiver | Receives IR signals from the remote control. |
| 4 VOL - | Decrease sound volume or adjust a highlighted control while in OSD menu. |
| 5 VOL + | Increase sound volume or adjust a highlighted control while in OSD menu. |
| 6 MENU | Turn OSD menu ON/OFF. |
| 7 CH - | Channel down when source is TV, or select a control while in OSD menu. |
| 8 CH + | Channel up when source is TV, or select a control while in OSD menu. |
| 9 INPUT | Select input source. |

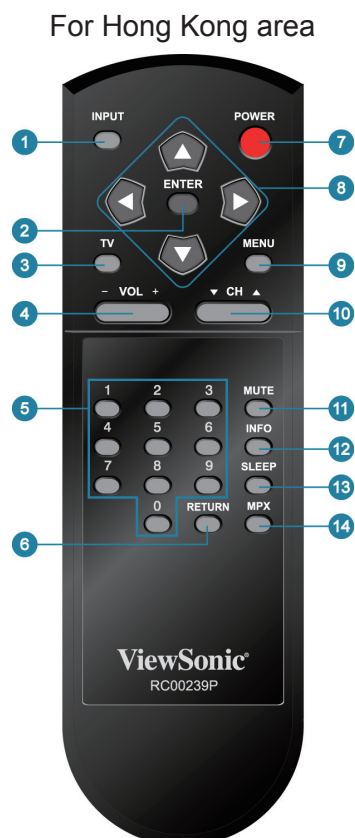
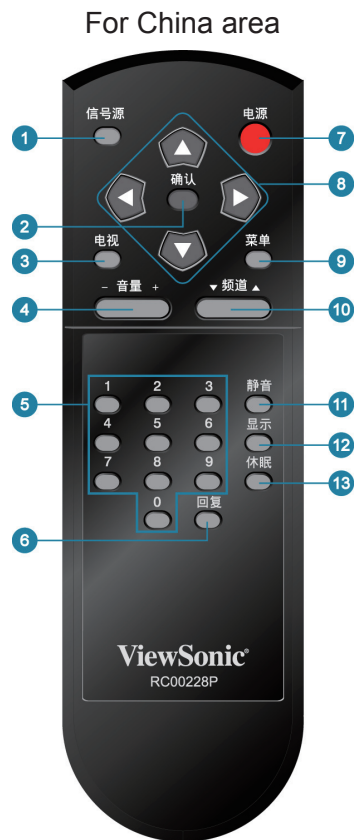
Rear View of the Product



| Item | Description |
|--|---|
| 1 Power (AC input) | Plug-in the supplied AC Power cord and connect to the AC input power source. |
| 2 HDMI Input Terminal | Connect this port to the HDMI/HDMI-DVI jack of the compatible equipment. |
| 3 PC signal input | Connect a 15-pin D-sub VGA cable to the VGA output of your computer and the other end to the PC input on the rear of the LCD TV. |
| 4 YPbPr signal input | Connect this jack to the YPbPr output of A/V device. |
| 5 Composite Video input | Connect this jack to the composite video output connectors on your A/V equipment. |
| 6 S-Video input | Connect the S-Video cable from the compatible device to this connector on the rear panel of the LCD TV. |
| 7 TV Input Jack | Connect this jack to your Cable or VHF/UHF antenna. |
| 8 AV/ S-Video Audio input (left/ right) | Connect the Audio in cable for AV/ S-Video from this jack to the corresponding connectors on your A/V device. |
| 9 YPbPr Audio input (left/ right) | Connect the Audio in cable for YPbPr from this jack to the corresponding connectors on your A/V device. |
| 10 Audio output | Connect this port to your A/V device with audio in (RCA) connectors or to audio amplifier. |
| 11 PC Audio input | Connect the PC Audio Out on your computer to the PC Audio in on the rear of the LCD TV. This jack is used for PC Audio input, when the picture input is connected to VGA on the PC. |
| 12 Headphone Jack | Connect to your headphones. By connecting the headphones, you can listen to the sound from the TV on headphones. * If you connect the headphones, the TV speakers will be muted. |

Remote Control

Remote control button function as follow



| Button | Description |
|----------------------------------|---|
| 1 信号源 INPUT | Select the TV, AV, S-Video, YPbPr, HDMI, PC inputs as the video source signal. |
| 2 确认 ENTER | Press to confirm the selection in the OSD menu, or to enter the OSD menu you select. Press ENTER after you input channel numbers to change channels immediately. |
| 3 电视 TV | Press to direct to TV source when in any other source. |
| 4 音量+/- VOL +/- | Press to adjust the volume. |
| 5 数字键 0~9 (number buttons) | Press the number keys to enter channel numbers. |
| 6 回复 RETURN | Press to return to previous channel. |
| 7 电源 POWER | Turn power ON or OFF. |
| 8 上下左右键 ▲▼◀▶ buttons | Press these buttons to navigate the OSD menus. ▲/▼ is for function select, and ◀/▶ is for function adjustment. |
| 9 菜单 MENU | Press to enter OSD MENU or return to last menu. |
| 10 频道▲/▼ CH ▲/▼ | Press the ▲ or ▼ keys to increase or decrease the channel number. |
| 11 静音 MUTE | Press to turn off the sound. To restore the sound, press this button again, or press the VOL+/- button. |
| 12 显示 INFO | Press this button to display the current state of the LCD TV. |
| 13 休眠 SLEEP | Press repeatedly to set the off timer. The function is used to automatically shut off the LCD TV after a preset period of time passed. |
| 14 MPX | Switch the sound mode in NICAM-Stereo or NICAM-Dual. (only available for Hong Kong area) |

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 or Cable TV Wire

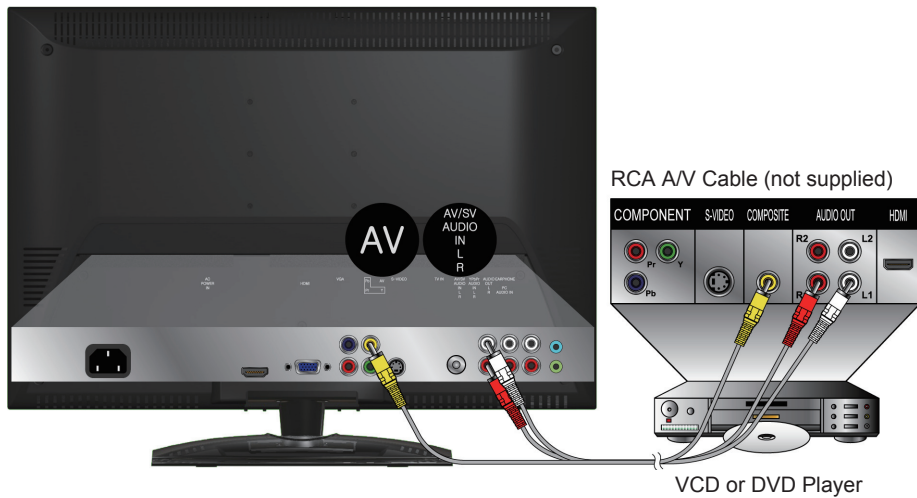
Make sure the power is OFF before installing your LCD TV. Connect the LCD TV to TV antenna or set-top-box with 75-ohm coaxial cable. Preset the TV channels into memory with **Auto Scan** function when using an antenna or cable TV system without a cable connector box (See page 15).



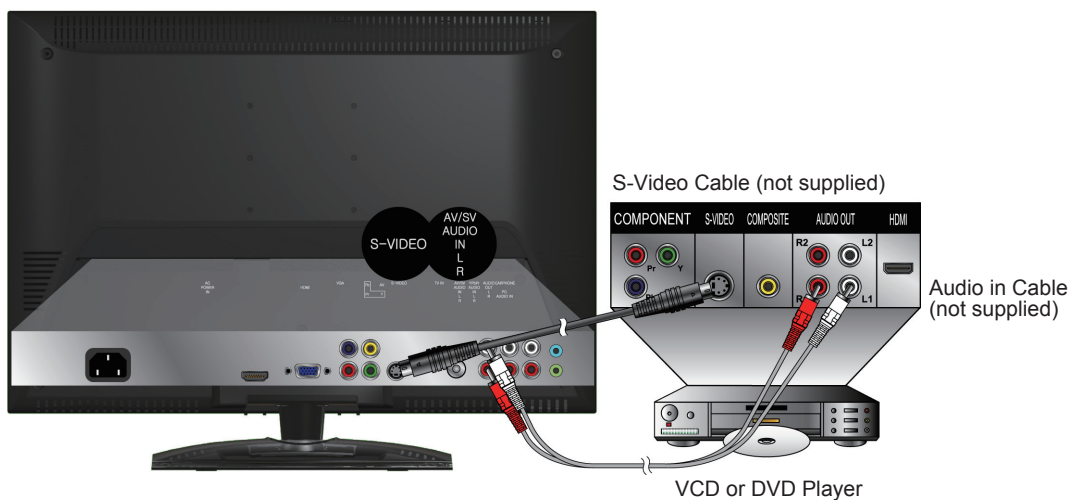
3. Connecting to DVD / Set Top Box

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

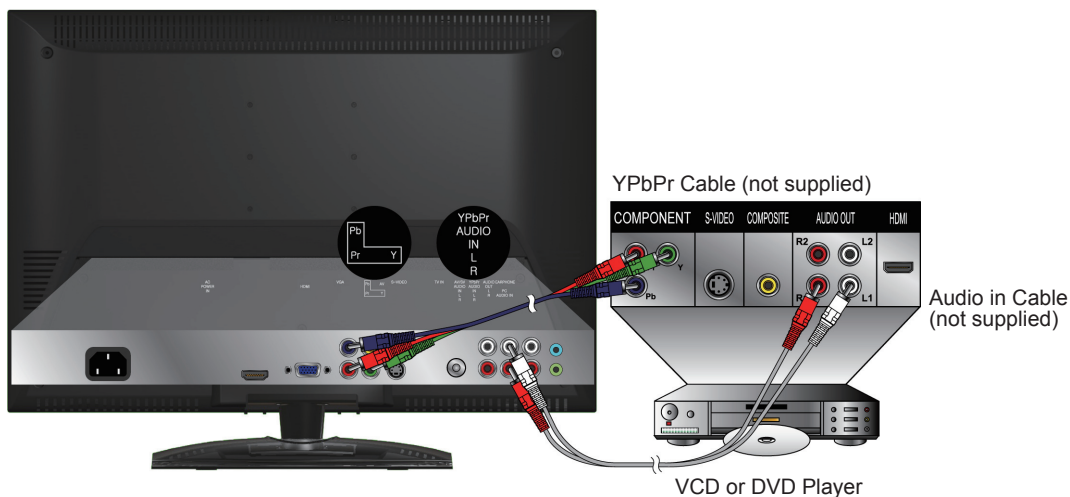
1) With AV cable:



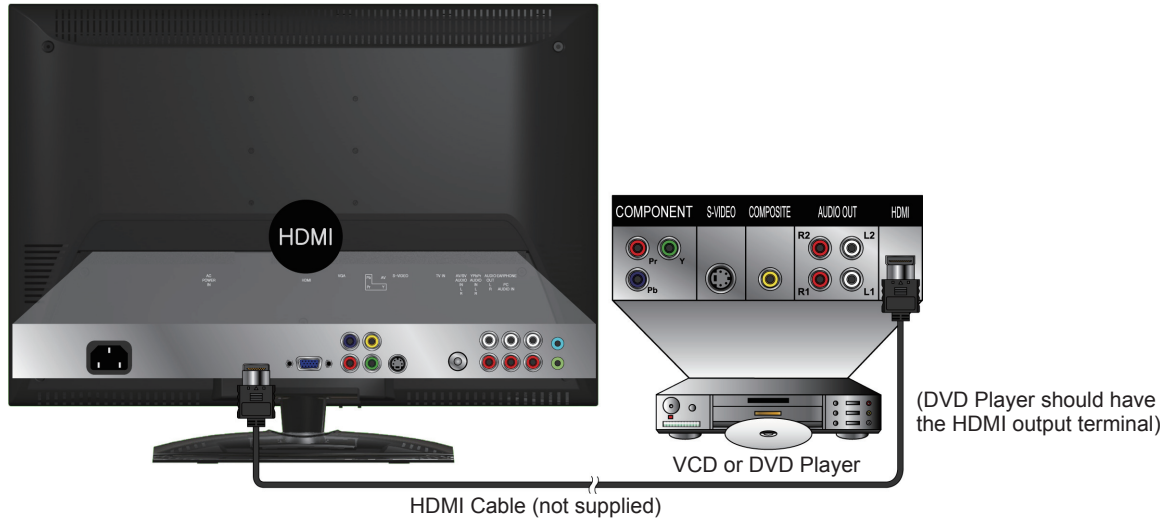
2) With S-Video cable:



3) With YPbPr cable:



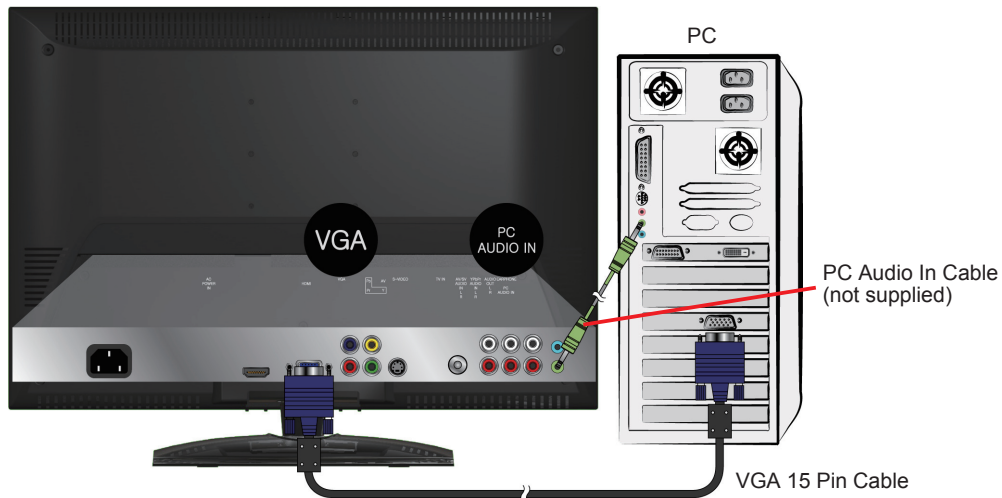
4) With HDMI cable:



4. Connecting to a computer

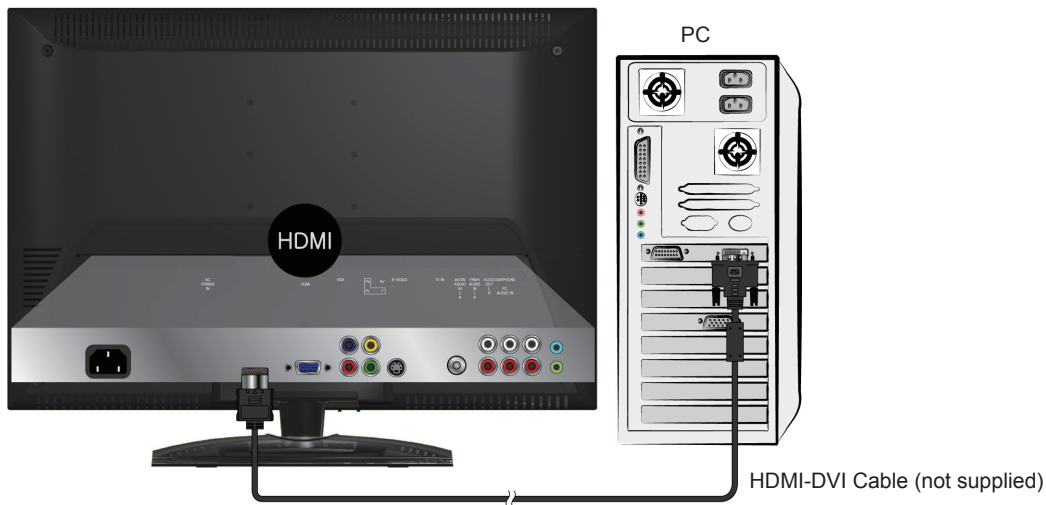
1) With VGA cable:

Connect the VGA cable from VGA output of the computer to the VGA terminal input of your LCD TV. Also, connect the Audio In cable (green) from the audio output of your computer to the audio input terminal (green) of the LCD TV.



2) With HDMI-DVI cable:

Connect the HDMI-DVI cable from the DVI output of the computer to the HDMI terminal input of the LCD TV. (Only image display is supported)



5. Connecting with the power cord

Connect the power cord to the AC inlet at 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 buttons located at bottom of the LCD TV 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.

Power On/Off

To turn the LCD TV on/off :

Press the **POWER** button at the bottom of the LCD TV or press **电源 (POWER)** button on your remote control to turn on/off the TV. The power LED indicator lights blue when the LCD TV is on.

Note: when there is no signal in the PC mode, the power LED indicator lights amber after a few seconds' idleness.

Select input source

Press the **信号源 (INPUT)** button on the remote control ,then press **▼** or **▲** to select the required input source between TV, AV, S-Video, YPbPr, HDMI and PC. To confirm the input source, press **确认 (ENTER)** button.

Volume Adjusting

Press **音量+/- (VOL +/-)** to adjust volume.

To silence volume, press **静音 (MUTE)**.

If you want to restore volume, press **静音 (MUTE)** again, or press **音量+/- (VOL +/-)** directly.

Channel Select

Press number keys, or **频道▲/▼ (CH ▲ ▼)** buttons to select the desired channels.

Ex: the desired channel is 8, press **8** only.

Ex: the desired channel is 80, Press **8**, then press **0**.

Return to previous channel, press **回复 (RETURN)** key.

Sleep Time Setting

Repeatedly press **休眠 (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 -- 15min., 30min., 45min., and 60min..

INFO

To display the current information of the LCD TV, press **显示 (INFO)**, and the current state will be displayed on the screen.

Switch Sound Mode

Repeatedly press **MPX** button on remote control to Switch the sound mode in NICAM-Stereo or NICAM-Dual. (only available for Hong Kong area)

Using OSD Menu

You are able to use OSD menus to adjust various settings by using your remote control or menu buttons on the front panel of the LCD TV.

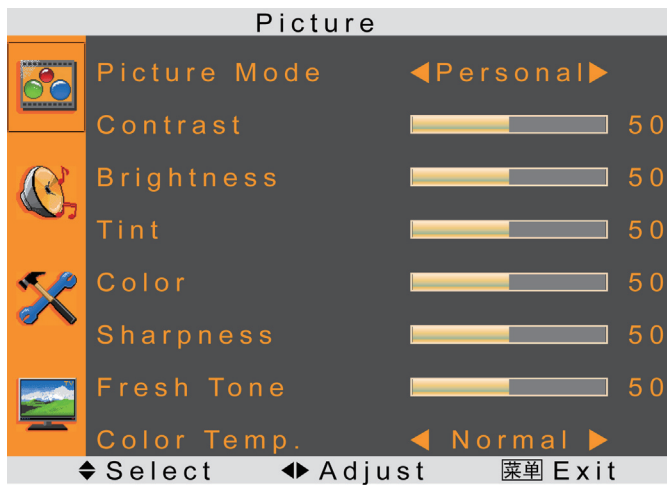
The basic operation is as following:

- ◆ Press **菜单 (MENU)** to display OSD menu.
- ◆ Press **▲▼** to cycle through the menus.
- ◆ Press **◀▶** to enter the menu you select.
- ◆ Use **▲▼** to appoint your desired optional item.
- ◆ Press **◀▶** to adjust the settings.
- ◆ Press **菜单 (MENU)** to finish adjustment and press **菜单 (MENU)** again to exit the OSD menu.

OSD Functions

ADVANCED OPERATION—OSD MENU

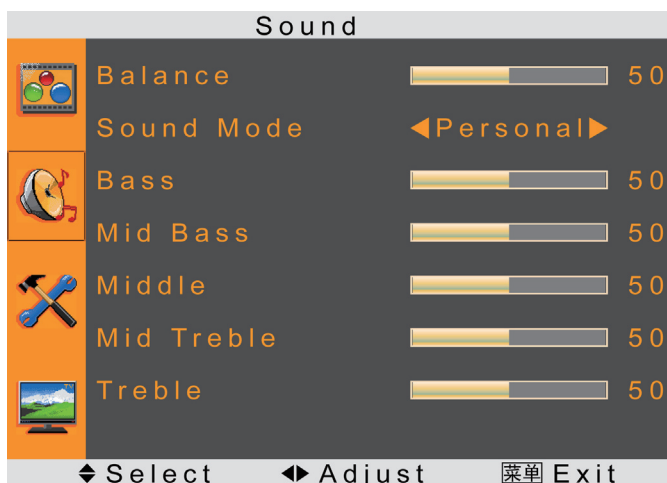
Picture Menu — To adjust the picture quality



* For China area : 菜单 Exit
* For Hong Kong area: MENU Exit

- **Picture Mode:** To select the picture mode.
- **Contrast:** To adjust contrast of video.
- **Brightness:** To adjust luminance of video.
- **Tint:** To adjust tint level.
- **Color:** To adjust colour.
- **Sharpness:** To adjust picture sharpness.
- **Fresh Tone:** To adjust colour of skin.
- **Color Temp.:** To select the screen colour temperature between Normal, Warm, and Cool.

Sound Menu — To adjust audio quality and status



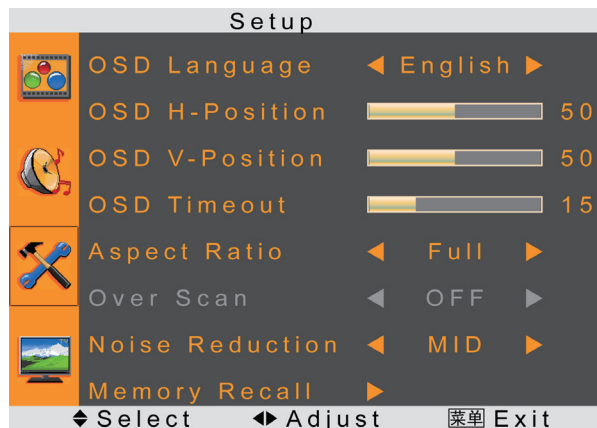
* For China area : 菜单 Exit
* For Hong Kong area: MENU Exit

- **Balance:** To adjust left and right audio balance.
- **Sound Mode:** To select the sound mode.
- **Bass:** To adjust the bass.
- **Mid Bass:** To adjust the mid bass.
- **Middle:** To adjust the middle.
- **Mid Treble:** To adjust the mid treble.
- **Treble:** To adjust the treble.

Setup Menu — To set up OSD window

When input source is TV/ AV/ S-Video/ YPbPr/ HDMI:

When input source is PC/ HDMI-DVI:



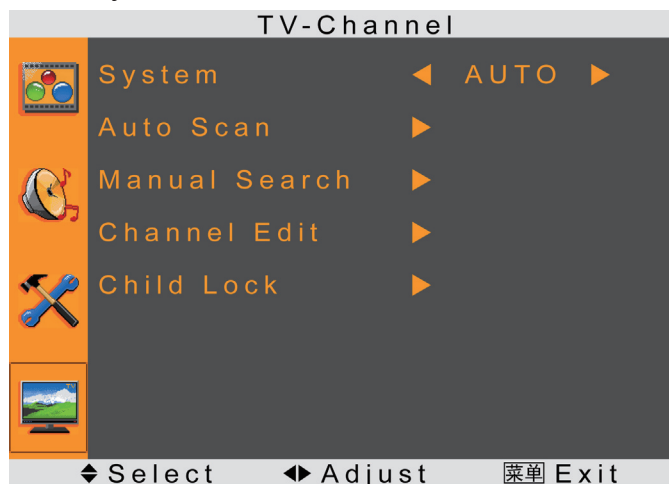
*For China area: 菜单 Exit

*For Hong Kong area: MENU Exit

- **OSD Language:** To select the language of OSD from Simply Chinese, English, Traditional Chinese.
- **OSD H-Position:** To adjust the horizontal position of OSD.
- **OSD V-Position:** To adjust the vertical position of OSD.
- **OSD Timeout:** To automatically shut off the OSD after a preset period of time passed. Use ◀▶ to preset the time from 5 to 60 seconds.
- **Aspect Ratio:** Press ◀▶ to select image size between Full, Zoom, 4:3, and Panorama.
- **Over Scan:** Turn screen overscan on/off for HDMI (480p, 720i, 1080p).
- **Noise Reduction:** To adjust the picture noise reduction function. This function can reduce the picture noise and particularly useful in the area that has trouble in signal receiving.
- **Memory Recall:** Press ▶ to restore the default settings.

TV-Channel Menu — To setup for TV

It is only active in TV source.

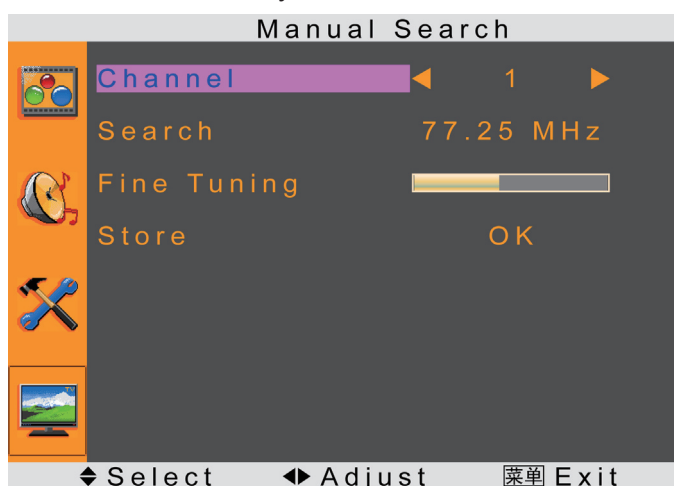


*For China area : 菜单 Exit

*For Hong Kong area: MENU Exit

- **System:** To select the system of your local area, or select AUTO.
- **Auto Scan:** To automatically preset the channels into TVs memory. Kindly suggest you auto scan all the channels before watching your TV for the first time.
Note: After auto scan all the channels, you need not to do it again when turning on your TV next time.
- ***China TV system:** PAL D/K and I.

- **Manual Search:** The function is to give a minute search for possible existing channels and store them in memory.

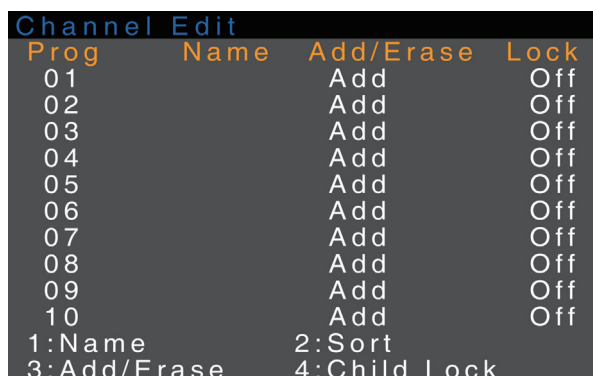


* For China area : 菜单 Exit
 * For Hong Kong area: MENU Exit

1. Press ► to get into “Manual Search”.
2. Move the cursor to “Channel”, and select the desired channel position with ◀▶.
3. Move your cursor to “Search”, and search the detectable channels with ◀▶.
4. Move your cursor to “Fine Tuning”, and adjust the picture with ◀▶.
5. Move to Store, then store the instruction with 确认 (ENTER).

Note: The channel will be stored instead of the former program.

- **Channel Edit:** Advance settings of the programs. Press ► to get into “Name”.



1. To enter a name: Press “1” (on the remote control) to edit a name for the channel. Use ▲▼ to select the desired letter (0~9 , A~Z and Space) and use ◀▶ to move the cursor to enter next letter. After the desired name is entered, press “2” to confirm.
2. To Erase/ Add channels: Use ▲▼ to select the desired channel. Press “3” to erase the channel or add it. When using 频道▲/▼ (CH▲/▼) key, the channels you erased will be passed over. You may press “3” to add the erased channels or use Auto Scan function to re-present them.
3. To exchange one channel with another: Press “2” to enter the function of “Sort,” and the following screen will show.

| Channel Edit | | | |
|--------------|------|-----------|------|
| Prog | Name | Add/Erase | Lock |
| 01 | | Add | Off |
| 02 | | Add | Off |
| 03 | | Add | Off |
| 04 | | Add | Off |
| 05 | | Add | Off |
| 06 | | Add | Off |
| 07 | | Add | Off |
| 08 | | Add | Off |
| 09 | | Add | Off |
| 10 | | Add | Off |

1:Sel1 4:Exit

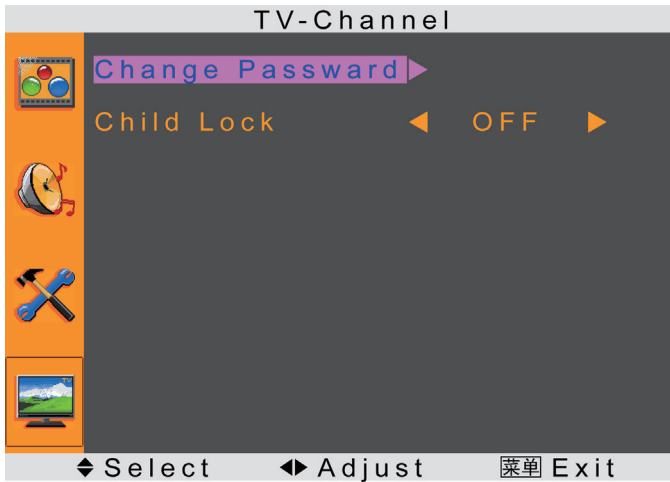
| Channel Edit | | | |
|--------------|------|-----------|------|
| Prog | Name | Add/Erase | Lock |
| 01 | | Add | Off |
| 02 | | Add | Off |
| 03 | | Add | Off |
| 04 | | Add | Off |
| 05 | | Add | Off |
| 06 | | Add | Off |
| 07 | | Add | Off |
| 08 | | Add | Off |
| 09 | | Add | Off |
| 10 | | Add | Off |

3:Sel2 4:Exit

If you want to exchange channel 03 with channel 06:

1. Move your cursor to channel 03 and press "1" (Select 1) to select channel 03.
2. Move your cursor to channel 06 and press "3" (Select 2) to select channel 06.
3. Confirm your selection by pressing "2".
4. Press 菜单 (MENU) to exit.

- **Child Lock:** To set up if password is needed when accessing to channels. Press ►, then enter the password (the default password is 0000) to display the submenu.



* For China area : 菜单 Exit

* For Hong Kong area: MENU Exit

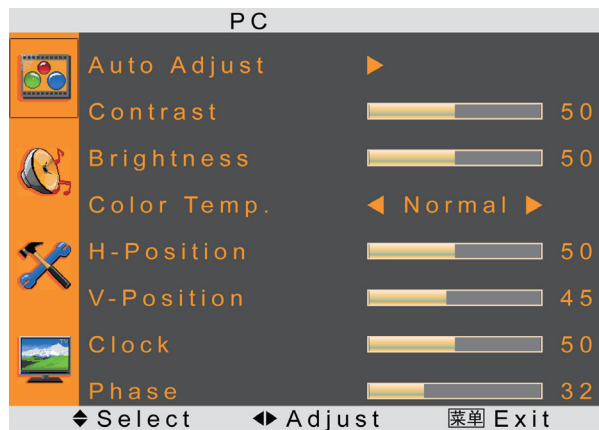
Change Password: To change password. Press ► to enter new password.

Child Lock: To turn ON/OFF child lock function.

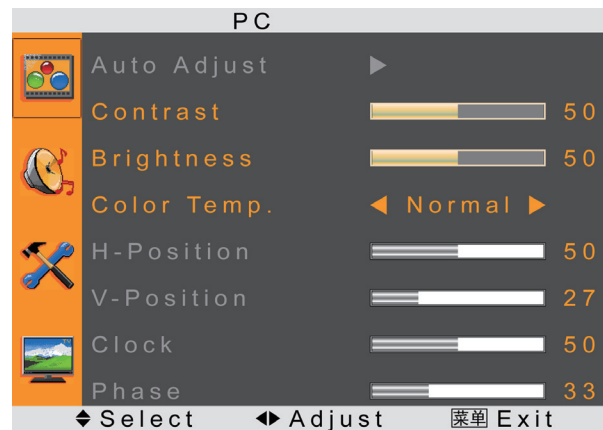
PC Menu — To adjust for PC

It is only active in PC and HDMI (support PC mode).

When input source is PC:



When input source is HDMI(PC mode):



* For China area : 菜单 Exit

* For Hong Kong area: MENU Exit

- **Auto Adjust:** To process auto image adjustment by pressing ►.
- **Contrast:** To adjust foreground luminance of video.
- **Brightness:** To adjust background luminance of video.
- **Color Temp.:** To adjust colour temperature.
- **H-Position:** To adjust horizontal position of video.
- **V-Position:** To adjust vertical position of video.
- **Clock:** To adjust delay time of clock in order to reduce the noise of picture.
- **Phase:** To adjust delay time of phase in order to reduce the noise of picture.

Note:

1. When input source is HDMI (PC), the Auto Adjust, H-Position, V-Position, Clock and Phase is not available.
2. Some timings with close frequencies can not be well fine-tuned by using auto adjust. You can press "Menu" and "CH -" keys on the front panel control simultaneously to switch to display a better image.

Other Information

Specifications

| | | |
|-----------------------------|---------------|---|
| LCD | Type | 23.6" TFT Active Matrix RGB 0.2715 (H) x 0.2715 (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 _h : 30-82 kHz, f _v :55-75 Hz |
| | TV system | PAL D/K/ and I |
| | Video | 1 composite RCA, 1 S-Video, 1 HDMI, 1 YPbPr component |
| | Audio | 1 mini-stereo, 2 pair of RCA (L/R) stereo |
| Compatibility | PC | Up to 1920 x 1080 Non-interlaced |
| Video signal timings | CVBS, S-Video | SD: 480i, 576i |
| | HDMI, YPbPr | SD: 480i, 576i |
| | | ED: 480p, 576p |
| | | HD: 720p, 1080i, 1080p |
| Speaker Output | | 5W x 2 |
| Power | Voltage | 100-240 VAC, 50/60 Hz (auto switch) |
| Display area | Full Scan | 521.8 mm (H) x 293.22 mm (V) 20.5" (H) x 11.5" (V) |
| Operating conditions | Temperature | 32°F to + 104°F (0°C to + 40°C) |
| | Humidity | 20% to 70% (no condensation) |
| | Altitude | To 7,000 feet (2,000m) |
| Storage condition | Temperature | -4°F to + 140°F (-20°C to + 60°C) |
| | Humidity | 20% to 90% (no condensation) |
| | Altitude | To 40,000 feet (12,000m) |
| Dimensions | Physical | 566.7mm (W) x 441.9mm (H) x 211.0mm (D) 22.3" (W) x 17.4" (H) x 8.3" (D) |
| Weight | Net | 7.0 kg (15.4 lb) |
| Regulations | | CCC |
| Power consumption | On | < 60 W (blue LED) |
| | Stand by | < 1.5 W (amber LED) |

Preset Timing Mode (Pre-adjusted to GTF® 1920 x 1080 @ 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 | |
|--|---|
| Problem | Possible Solution |
| No power | <ul style="list-style-type: none"> • Make sure the power cord is properly connected to the LCD TV AC power socket. • Make sure the AC power cord is properly connected to the wall outlet. • Make sure the DC power button is ON (Blue LED). • Plug another electrical device (like a radio) to the power outlet to verify that the outlet is supplying the proper voltage. |
| No picture | <ul style="list-style-type: none"> • 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 referring to the user guide. • 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 | <ul style="list-style-type: none"> • Ensure that the video cable is securely connected. • The picture may appear dim in a brightly lit room. • Adjust brightness, contrast, saturation (color), and tint referring to the user guide. • Check the input signal setting. |
| No sound | <ul style="list-style-type: none"> • Check your audio connections are properly connected referring to the user guide. • 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 | <ul style="list-style-type: none"> • Make sure the directions of batteries are inserted correctly referring to the user guide. • Batteries could be weak or dead. Replace by new 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 the POWER button on the remote control to see if you can turn on the TV. • Press MENU button on the remote control to see if there is a MENU shown on the screen. • Press only one button at a time and it is the correct one for the operation you want to perform. |

| | |
|---|--|
| Unit cannot be operated | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Is the sleep timer set in advance? • Is there no signal in PC mode or HDMI mode? • The internal temperature of the unit has increased. Remove any objects blocking the vent or clean as necessary. |
| No CATV reception | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Is the image positioned correctly? • Are screen mode adjustments such as picture size set correctly? • Select “Aspect Ratio” from the “Setup” Menu to see if you can get the picture you prefer. |

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 | Telephone | Email |
|----------------|----------------------|-----------------|-----------------------------|
| China | www.viewsonic.com.cn | 800 820 3870 | service.cn@cn.viewsonic.com |
| Hong Kong | www.hk.viewsonic.com | +852-310-22-900 | service.cn@cn.viewsonic.com |

Declaration of RoHS Compliance

The toxic and hazardous substances or elements of this product are shown as below:

| Name of Components | Hazardous substances or elements | | | | | |
|-----------------------------------|----------------------------------|--------------|--------------|---|--------------------------------|---------------------------------------|
| | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent Chromium (Cr ⁶⁺) | Polybrominated biphenyls (PBB) | Polybrominated diphenyl ethers (PBDE) |
| Outer Casing | ○ | ○ | ○ | ○ | ○ | ○ |
| Circuit Board* | × | ○ | × | ○ | ○ | ○ |
| Power Cord / Adaptor | × | ○ | × | ○ | ○ | ○ |
| External Signal Cable | × | ○ | ○ | ○ | ○ | ○ |
| LCD Panel | × | × | × | ○ | ○ | ○ |
| Remote Control (battery included) | × | ○ | × | ○ | ○ | ○ |

* : The circuit board components include printed circuit board and other parts, such as resistors, capacitors, IC, and connectors, etc.
 ○ : To indicate the amount of toxic and hazardous substance in all homogenous materials of the component does not exceed what indicated in “The Limitation Standard of Toxic and Hazardous Substances in Electronic Information Product”.
 × : To indicate the amount of toxic and hazardous substance has exceeded what indicated in “The Limitation Standard of Toxic and Hazardous Substances in Electronic Information Product” in at least one of the homogenous materials of the component. However, the component still conforms to the EU RoHS directive (2002/95/EC), and is exempted from it.

ENGLISH

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.

For users in Europe and Russia, full details of warranty provided can be found in www.viewsoniceurope.com under Support/Warranty Information.



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