



Westinghouse

USER'S MANUAL

MANUEL DE L'UTILISATEUR

MANUAL DEL USUARIO

LTV-19w6

Widescreen LCD TV

TV LCD à Écran Géant

TV LCD Pantalla Grande

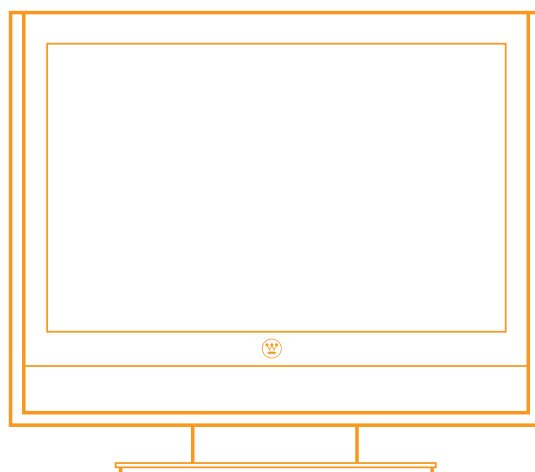


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IMPORTANT PRODUCT SAFETY INSTRUCTIONS

Read carefully and follow all warnings and instructions in this User's Manual and those marked on the product *before* you operate your television. Failure to follow warnings can result in personal injury or damage to product. Keep this User's Manual in a convenient location for future reference.

Proper Positioning of Television

Always handle your LCD television with care. Avoid touching the LCD screen. Skin oils are difficult to remove.

Always position your LCD television on a stable and level surface. Unstable surfaces can cause your LCD to topple and fall, resulting in possible damage or injury.

Avoid exposing the LCD display to direct sunlight or high temperatures, which can damage or shorten its useful life. Do not place near heat sources such as radiators, heat registers, or other appliances that generate heat.

Avoid exposing the LCD display to rain, water, moisture or high humidity. Do not place your LCD near basins or sinks where it may come in contact with water.

Orient your LCD display away from direct sunlight to reduce glare.

Never place heavy or sharp objects on the LCD display, video cable, or power cord.

Overloading Outlets

Do not overload electrical power sources when installing television. Overloading wall outlets, circuits, or extension cords can result in overheating, fire, or electric shock. Use only grounded or polarized outlets.

Power Cord Protection

Minimize wear on power supply cords. Power supply cords should be routed away from foot traffic and contact with other objects. Do not route power cord under rugs or carpeting. The cord should never be severely bent, pinched, or twisted. Periodically inspect power cords for wear or damage, particularly near plug and the point where it exits from the product. Unplug cord and discontinue use if damage is discovered.

Ventilation

Slots and openings on the cabinet are provided for ventilation purposes. To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. Keep the LCD TV a minimum of four (4) inches away from any wall to assure sufficient airflow and ventilation. Increased temperatures may cause fire or device failure.

To assure proper ventilation, do not block the openings by placing the LCD TV on a bed, sofa, rug or other similar surface. Do not place it in a built-in installation, such as a bookcase or an enclosed rack, unless proper ventilation is provided.

Other Notices and Precautions

Caution: Never remove the rear cover. There are no user serviceable parts inside. Your LCD TV contains high-voltage parts. You may be seriously injured if you touch them.

Do not attempt repairs yourself. Your warranty does not cover repairs or attempted repairs by anyone not authorized by Westinghouse Digital. Refer all servicing and repairs to qualified service personnel.

If smoke, abnormal noise, or strange odor is present, immediately unplug the power cord. Contact a qualified service technician

If your LCD TV will not be used for extended periods of time, unplug the power cord and remove the batteries from the remote control.

Antenna Installation Safety

Outdoor Antenna Grounding

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

Lightning

For added protection for the LCD TV 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 display and wait for the weather to improve.

Power Lines

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

Cleaning the LCD TV

- **MAKE SURE THE LCD TV IS TURNED OFF**
- **NEVER SPRAY OR POUR 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 it still is 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 it still is not clean, apply a small amount of non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

Westinghouse Digital 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 LCD display case. Westinghouse Digital will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

Safety Guidelines

Warning: This device must be operated with the original power supply.

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

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

USA.....UL

Switzerland.....SEV

Canada.....CSA

BritainBASE/BS

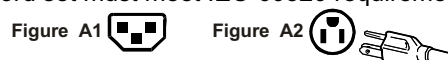
Germany.....VDE

JapanElectric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord set for this unit has been enclosed and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set, or if the cord set is not enclosed.

The female receptacle of the cord set must meet IEC-60320 requirements and may look like (Figure A1 below):



For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), UL Listed, and CSA Labeled. For units that are mounted on a desk or table, type SVT or SJT cord sets may be used. For units that sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

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

FCC Compliance Statement

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 may cause harmful interference to radio communications if not installed and used in accordance with the instructions. 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 a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable is going to be used, use only a shielded BNC (5) cable. Also, any unauthorized changes or modifications not expressly approved by Westinghouse Digital will void the user's authority to operate this device.

Installation

Congratulations on your purchase of a Westinghouse 19" wide screen LCD TV. Sleek and practical, this lightweight LCD TV delivers a crisp, vibrant picture and doubles as a superb WSXGA+ computer monitor —making it a practical solution for tight spaces in the office, bedroom, or kitchen. Watch television, play video games, e-mail, or surf the Internet.

Package Contents

Your LCD TV package includes:

- 19" widescreen LCD TV
- Detachable Base Stand
- Remote Control (2 AAA batteries are included)
- AC Power Cord
- D-Sub (VGA) Cable
- 3.5mm Mini-Jack Audio Cable
- Literature
 - Quick Connect Guide
 - User's Manual
 - Warranty Card

Important

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

1. Insert Remote Control Batteries

- Remove the battery cover.
- Insert two "AAA" batteries.
- Re-attach the battery cover.



CAUTION

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

2. Attach Base Stand to LCD TV

Attach the base stand to the LCD TV stand neck. Align the holes and tabs, press and snap the base stand into place.

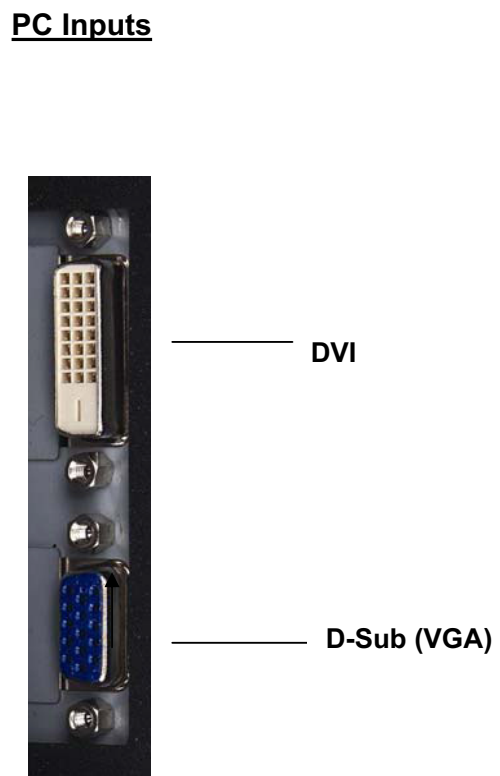
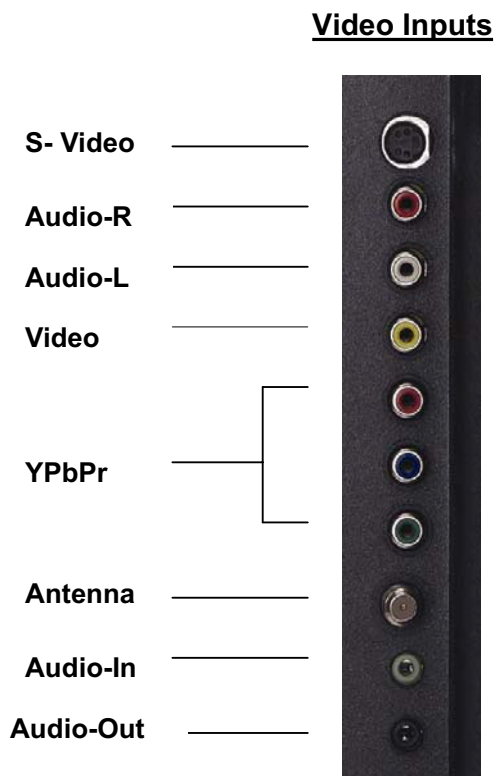
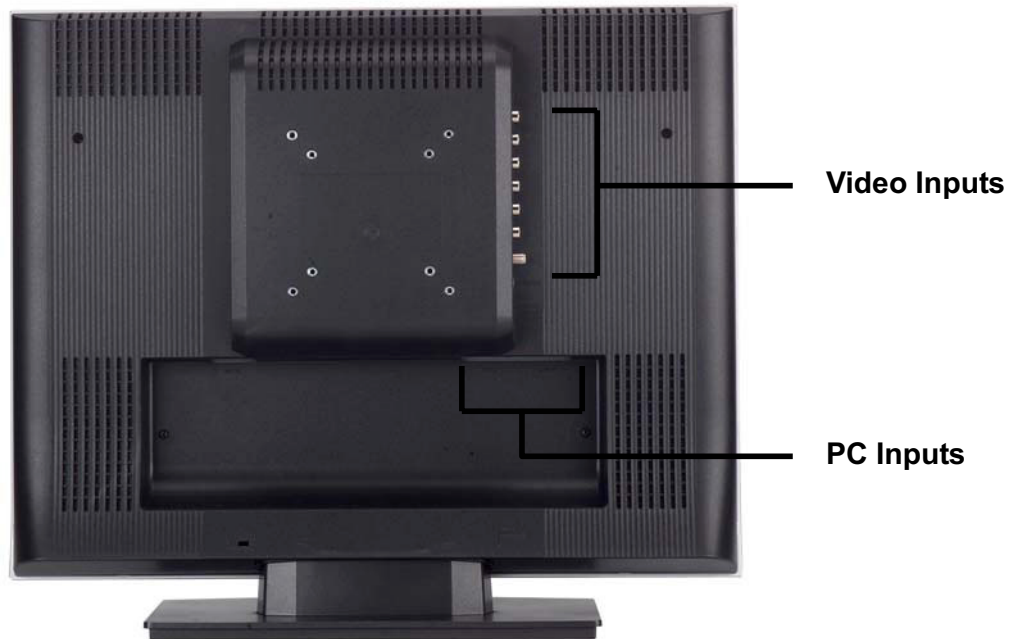


Detachable Base Stand

To detach the base stand, just press on the locking tabs on the bottom of the base stand and remove the base stand from the stand neck.

3. Connect Antenna, Video, S-Video, YPbPr, DVI, and VGA Cables

Connect video and audio cables from compatible devices to the back panel of the LCD TV.



Note: The Audio-L and Audio-R (Audio L/R) inputs are shared between YPbPr, S-Video, and Video source input connectors.

Connecting a computer to the LCD TV:

IMPORTANT: Before you begin, make sure the computer and TV are turned off.

Connect a D-Sub (VGA) or DVI cable and an audio cable to the back of the LCD TV.

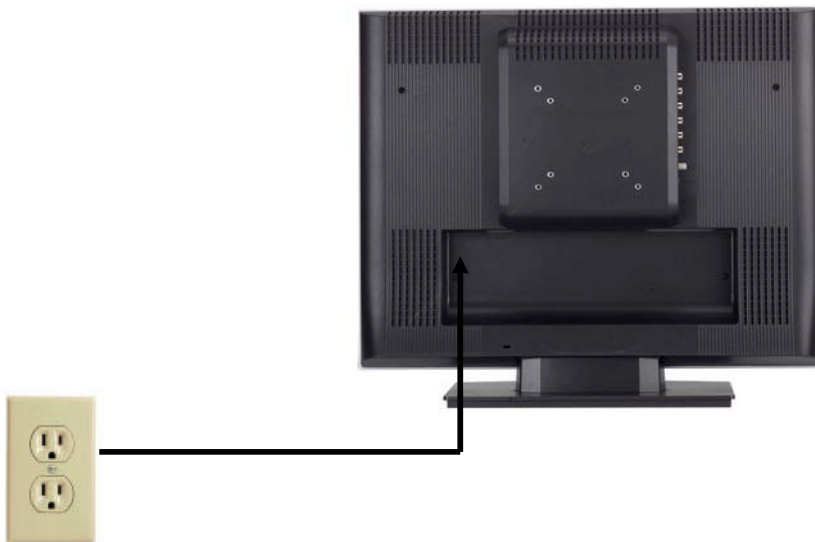
D-Sub CONNECTION: Connect an analog D-Sub (VGA) cable from your computer VGA port to the D-Sub input connection. Connect a 3.5mm stereo mini-cable from the computer's AUDIO OUT port to the AUDIO IN port on the LCD TV.

DVI-D CONNECTION: Connect a Digital DVI cable from your computer to the DVI-D input connection. Connect a 3.5mm stereo mini-cable from the computer's AUDIO OUT port to the AUDIO IN port on the LCD TV.

After you turn on the computer, the TV will automatically adjust to the resolution of the computer. Set the computer timing mode to 1440 x 900 at 60Hz, then turn off and reboot the computer. Refer to your computer's graphic card user guide for questions on how to set this timing mode.

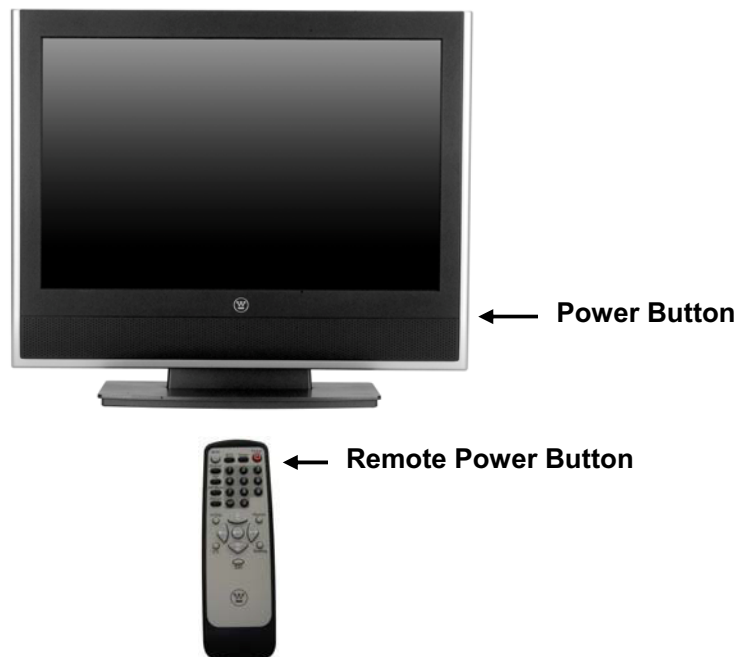
4. Connect Power Cable

Connect the power cord to the back of the LCD TV and then into a properly grounded AC outlet.



5. Turn Power On

Press the power button on the right side of the LCD TV or on the remote control to turn on the TV.



6. Programming TV Channels

1. Select TV as the source input using the Source button on the remote control.
2. Press the Menu button to display the OSD Display Menu.
3. Use the CH ▲/▼ arrow keys to highlight the TV Menu.
4. Using the Vol ► arrow keys select the TV sub-menu. Use the ▼ to highlight the CH Auto Scan function. Press Vol ► arrow key and Channel Auto Scan will be performed.
5. Once the CH Auto Scan is complete, switch channels by using the CH ▲/▼ arrow keys on the remote.
6. To Add/Erase channels use the ▼ to highlight the CH Edit function. Use the ►, or ◀ to add or erase the selected channel.

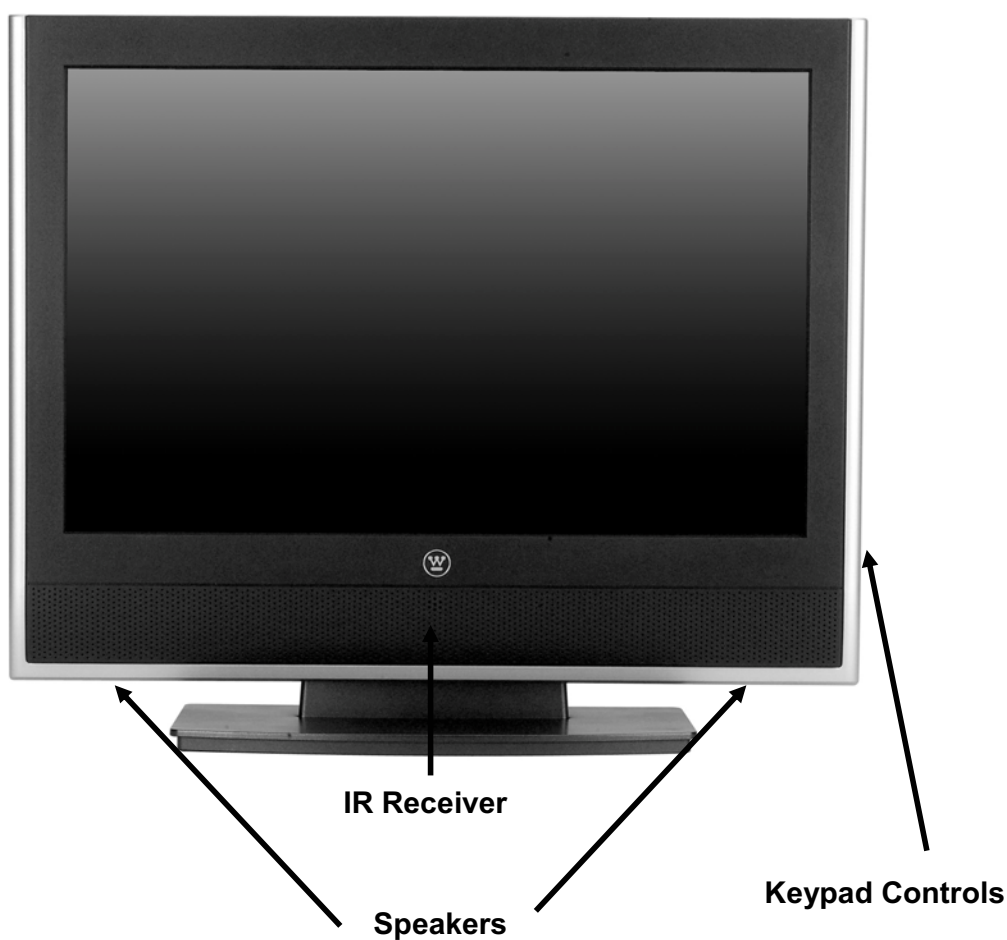


Controls & Connections

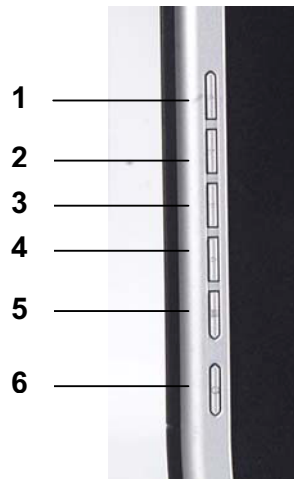
This section describes the keypad panel controls, and remote control in more detail.

Front View of the Product

Use the buttons on the right side keypad control to display and adjust the On Screen Display (OSD). The OSD controls are explained at the next page and are defined in the “OSD Functions” section.



Side Keypad Controls



Button	Mode	TV Source	OSD Menu
1	CH+ ▲	Channel up	Navigate up
2	CH- ▼	Channel down	Navigate down
3	Vol- ◀	Volume down	Decrease value
4	Vol+ ▶	Volume up	Increase value
5	Menu/Source	Press and hold for 2 seconds to access the OSD menu. Press and release to change source.	Enter/Exit Menu
6	Power	TV ON or OFF	TV ON or OFF

Remote Control

1. Mute

Turn audio on and off.

2. MTS (Multi-channel TV Sound)

Stereo, Mono and SAP sound selection

3. Power

Switch the power on and off.

4. Sleep

Automatically turn off the TV after a set time.

5. Display

Display the channel information.

6. PIP

Available in D-Sub/DVI Modes; to turn PIP picture on & off and select PIP picture size.

7. PIP Menu

Used to navigate through the PIP OSD menu and control audio swap.

8. Return

Recall the previous channel.

9. CHANNEL NUMBER KEY 0-9, 100

Direct channel selection by number

10. V-Chip

Set Parental and Movie Rating to Block or Un-Block. Navigate through OSD menus. Pin Code is also set here.

11. CH▲/▼

Channel Up/Down adjustment; also available on key controls and OSD menu.

12. Source

Push to select input source.

13. MENU

Press to enter the OSD Menu.

14. Vol◀/▶

Volume Up/Down adjustment; also available on key controls and OSD menu control. If the OSD menu is displayed, scroll down in OSD Menus.

15. CC

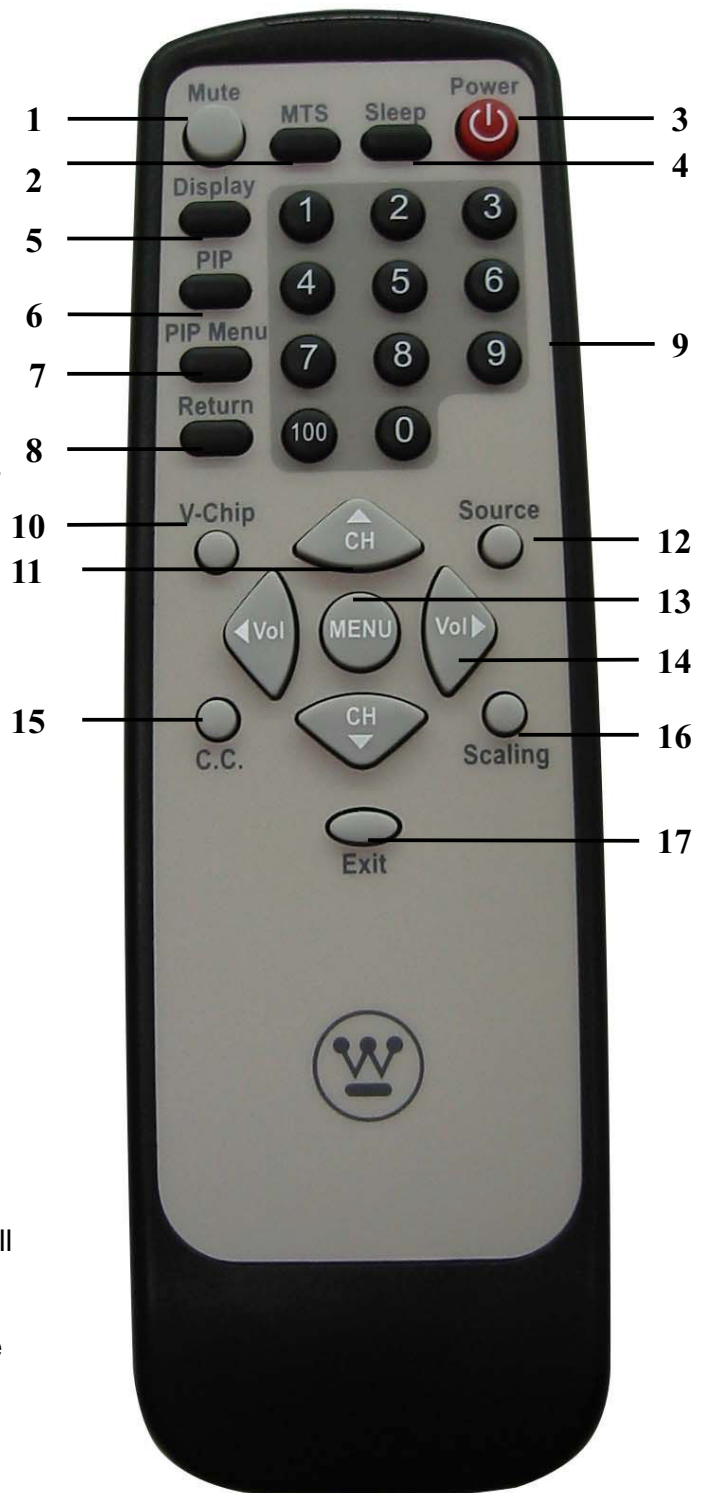
Set Closed Caption and Text modes toggle through OFF, CC1, CC2, CC3 etc.

16. Scaling

Push to change picture aspect ratio to Normal, Zoom, or Full.

17. Exit

Exit the OSD menu.



OSD Functions

This section describes each on-screen display (OSD) command. There are different OSD menus depending on whether you are in TV, Video (Video/S-Video/YPbPr) or PC (D-Sub/DVI) mode.

All the function settings for your LCD TV are controlled either via the remote control or using the control keys located on the right side of the LCD TV. To display the OSD main menu, press and hold the Menu button on the control keys or the MENU key on the remote control. Use the ▲/▼ arrow keys to navigate within the menu. The ◀/▶ arrow keys are used to change the values of the functions that are selected in the OSD menu. The EXIT key on the remote control or Menu button on the control keys allows you to exit out of the OSD menus and functions.

TV OSD Menu

Image Menu

In the Image Menu use the Vol▶ button to select image the sub-menu. Use the CH▲/▼ buttons to highlight the function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



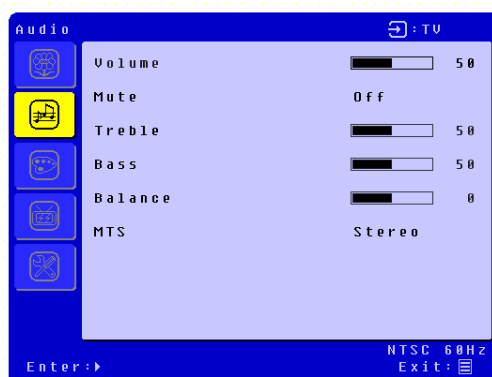
Enter OSD Menus by pressing **MENU** key



Function Name	Explanation
Brightness	Brightness adjustment
Contrast	Contrast adjustment
Sharpness	Video Sharpness adjustment
Color	Color Levels adjustment
Hue	Video Hue adjustment
DLC	Turn Dynamic Luminance Control On or Off
Back Light	Backlight from 0-100 adjustment

Audio Menu

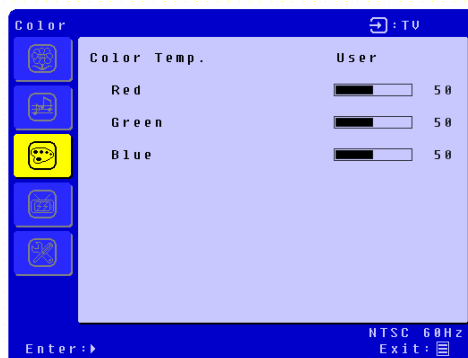
In the Audio Menu use the Vol▶ button to select the Audio sub-menu. Use the CH▲/▼ buttons to highlight the function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



Function Name	Explanation
Volume	Volume adjustment
Mute	Turn Audio Off and On
Treble	Treble adjustment
Bass	Bass adjustment
Balance	Left to Right Audio adjustment
MTS	Multi-channel Television Sound, select SAP, MONO, or STEREO

Color Menu

In the Color Menu use the Vol▶ button to select the Color sub-menu. Use the CH▲/▼ buttons to highlight the function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



Function Name	Explanation
Color Temp.	Color temperature adjustment
Red	Red level adjustment
Green	Green level adjustment
Blue	Blue level adjustment

TV Menu

In the TV Menu, use the Vol▶ button to select the TV sub-menu. Use the CH▲/▼ buttons to highlight the function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



Function Name	Explanation
Tuner System	Select between STD, HRC, IRC, Air (Depending on your local area)
CH. Auto Scan	Start to scan channel after pressing right or left key, and stop scan if any key is pressed.
CH. Fine Tune	Tune channel from 0-100
Blue Screen	Toggle between video blanking to blue between channel changes – default is No
CH. No	Current channel
CH. Edit	Select the channel to Edit using ◀/▶ arrow keys
C.C.	Closed Caption Display

Miscellaneous Menu

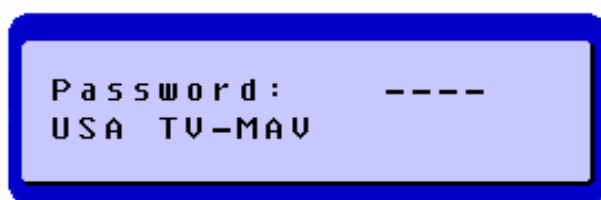
In the Miscellaneous Menu, use the Vol▶ button to select the “Misc” sub-menu. Use the CH▲/▼ buttons to highlight the function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



Function Name	Explanation
Language	English, Chinese, French, Spanish
OSD Transparency	Set OSD transparency level
OSD Time-out	Set the time to turn off the OSD automatically
OSD Position	OSD horizontal/vertical position adjustment
Reset	Restore factory default settings
Sleep	Set the Sleep timer for 30, 45, 60, 90, or 120 minutes
Aspect Ratio	Set the display to Full, Normal, or Zoom (Can only change with an active signal)

V-Chip and Parental Control Menu

To access the PARENTAL CONTROL menu press the V-Chip button located on the remote control. Enter the Pin Code (default is 0000).

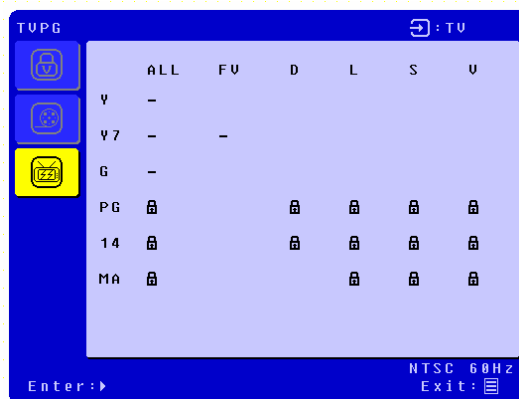


To change the Pin Code, enter new Password and confirm new Password is set.



Rating Menus

Press the V-Chip button on the remote control to access the Parental Control Menu. Enter the PIN code. Use the ▼ button to highlight the Movie (MPAA) or TV (TVPG) menu. Use the ► button to select the sub-menu. Use the ▲/▼ buttons to highlight the Movie/TV Rating to be blocked or un-blocked. Press the MENU button to lock and unlock the highlighted rating. Press EXIT to exit the V-chip menu.



Function Name		Explanation
MOVIE RATING	G:	General audience
	PG:	Parental Guidance suggested
	PG 13:	Parents strongly cautioned
	R:	Restricted
	NC 17:	No one 17 and under admitted
	X:	Adult audience only
TV RATING	<<< AGE >>>	
	Y:	All Children
	Y7:	Directed to Older Children
	G:	General Audience
	PG:	Parental Guidance Suggested
	14:	Parents Strongly Cautioned
	MA:	Mature Audience Only

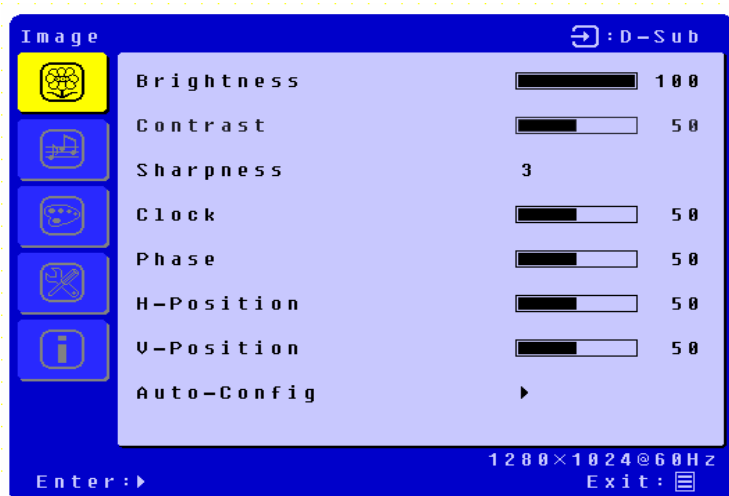
Video OSD Menu

The Video (Video/S-Video/YPbPr) OSD Menu has the same OSD features as the TV OSD except for the TV sub-menu functions.

PC OSD Menu

Image Menu

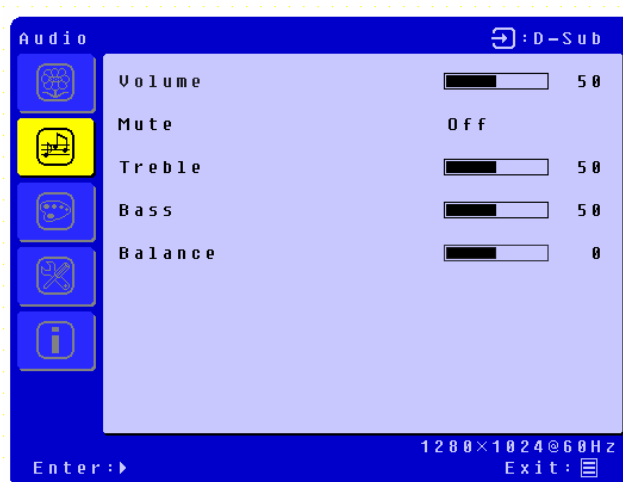
In the Image Menu use the Vol▶ button to select image sub-menu. Use the CH▲/▼ buttons to highlight function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



Function Name	Explanation
Brightness	Brightness adjustment. Default value is 100.
Contrast	Contrast adjustment. Default value is 50.
Sharpness	Adjust picture sharpness from 1 – 5. Default value is 2.
Clock	Adjust the Clock timing. Default value is 50.
Phase	Adjust the Video Hue level. Default value is 55.
H-POSITION	Adjust OSD on horizontal position. Default value is 50.
V-POSITION	Adjust OSD on vertical position. Default value is 50.
Auto-Config	Adjust automatically the picture and synch the LCD TV monitor

Audio Menu

In the Audio Menu use the Vol▶ button to select the Audio sub-menu. Use the CH▲/▼ buttons to highlight the function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



Function Name	Explanation
Volume	Volume adjustment
Mute	Turn Audio Off and On
Treble	Treble adjustment
Bass	Bass adjustment
Balance	Left to Right Audio adjustment

Color Temp Menu

In the Color Temperature Menu, use the Vol▶ button to select Color Temp sub-menu. Use the CH▲/▼ buttons to highlight function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu



Function Name	Explanation
Color Temp.	Color temperature adjustment
Red	Red Temp adjustment
Green	Green Temp adjustment
Blue	Blue Temp adjustment

Miscellaneous Menu

In the Miscellaneous Menu, use the Vol▶ button to select the “Misc” sub-menu. Use the CH▲/▼ buttons to highlight the function. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu.



Function Name	Explanation
Language	English, Chinese, French, Spanish
OSD Transparency	Set OSD transparency level
OSD Time-out	Set the time to turn off the OSD automatically
OSD Position	OSD horizontal/vertical position adjustment
Reset	Restore factory default settings
Auto Setting	Automatically configure TV with PC
PIP Menu	Access PIP Menu

INFO Menu

Display system information.

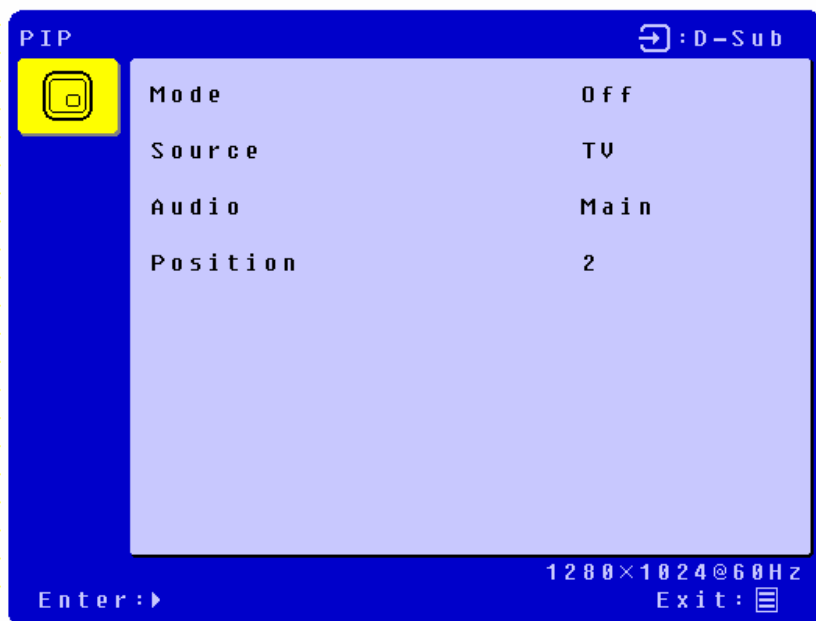


PC DVI OSD Menu

PC OSD Menu for DVI Source has the same features as PC D-Sub except, only Brightness, Contrast, and Sharpness can be adjusted in the Image sub-Menu.

PIP Function Menu

Picture In Picture (PIP) is available in D-Sub, DVI, modes only. Use the Vol▶ button to select the PIP Function sub-menu. Use either the ▲/▼ arrow keys to navigate within the menu. Then use the Vol◀/▶ arrow keys to change the values of the function in the OSD menu. The Exit button on the remote control will allow you to back out of the OSD menu.



Function Name	Explanation
Mode	Turn PIP Sub-screen off or change to Small, Medium or Large
Source	Select from S-Video, Video, or TV
Audio	Select audio source Main or Sub. If you set the audio source to Sub and turn off PIP, you can still listen to the Sub Audio.
Position (PIP Sub-Screen)	PIP Sub-screen horizontal/vertical position adjustment

Auto Adjustment

Pressing the EXIT button on the remote control while in analog PC (D-sub) mode will automatically adjust the picture and synch the LCD TV monitor.

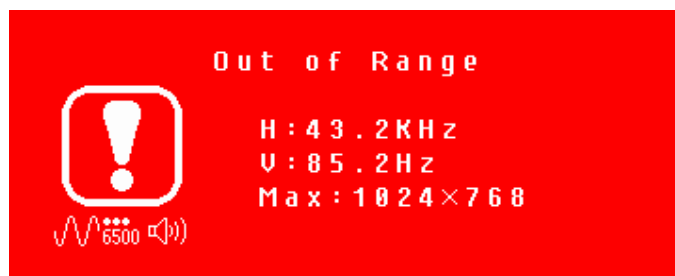


Input Source not found or Out of Range

If there is no source connected to the Input selected (TV, Video, S-Video, YPbPr, DVI, or D-Sub), the following will be displayed:



If the signal source is DVI or D-Sub mode and the Display settings are not compatible with, or are out of range of the LCD TV, the following will be displayed:



Appendix

Specifications

Preliminary Product Specification		
Panel Size/Type	19" wide screen Color TFT LCD. Anti-static and hard coated.	
Native/Optimum Resolution	1440 x 900	
Aspect Ratio	16:10	
Viewing Angle	Horizontal: 150° Vertical: 130° (typical)	
Display Colors	16.2 million colors	
Active Display Area	16.07" (H) x 10.05" (V); 19-inch wide diagonal	
PC Compatibility	VGA, SVGA, XGA, SXGA, WSXGA+ 1440 x 900, 60Hz (preferred timing)	
Video Compatibility (Video, S-Video, YPbPr)	NTSC, PAL, 480p, 576p, 720p, 1080i	
Tuner Compatibility	NTSC, Air, CATV (STD/HRC/IRC)	
Video Features	Progressive scan Motion adaptive 3D de-interlacing 3D noise reduction Inverse 3:2 pull down Aspect Ratio Adjustment (Normal/Full/Zoom) Dynamic Luminance Control (DLC) Function Video Enhancement (Brightness/Contrast/Sharpness/Saturation/Hue) Picture-in-Picture in D-Sub/DVI mode	
Audio Features	Built-in audio amplifier and speakers; 1.5 watts (max.) output x 2 channels Mute Multi-channel television sound (MTS)	
Other Features	Closed Caption, V-Chip, Sleep timer	
Input Connectors	Rear: Input 1: 1 S-Video Input 2: 1 Video Input 3: 1 YPbPr Input 4: 1 Audio-L*, Audio-R* (RCA, Left and right stereo audio) Input 5: 1 Tuner antenna Input 6: 1 DVI-D Input 7: 1 D-Sub Input 8: 1 3.5mm Mini-Jack for Stereo audio line in	
Output Connectors	Rear: 1 3.5mm Mini-Jack for Stereo audio line out	
Remote Control Unit	Infrared Remote Control	
Accessory/Cables	Infrared Remote Control Power Cord D-Sub (VGA) Cable 3.5mm Mini-Jack Audio Cable	
Dimensions (w x h x d) inches	Unit with base : 18.85" x 16.1" x 5.23" Unit without base : 18.85" x 14.76" x 3.24 " Carton Dimensions : 21.65" x 18.5" x 6.69"	
Weight	Unit Weight : 11.7 lbs. Gross Shipping Weight : 14.6 lbs	
AC Power Input Range	100~240V _{AC} , 50/60Hz, 1.5 amps, universal	
Regulatory Approvals	FCC-B, UL, CSA (CUL)	
Lamp Life Time	40,000 hours	
Environmental Conditions	Operating Temperature : 5°C to 35°C Storage Temperature : -20°C to 55°C Operating Humidity : 20 to 80% (no condensation) Storage Humidity : 20 to 85% (no condensation) Operating Altitude : 3,000 m Storage Altitude : 12,000 m	

* Note: The audio input is shared between YPbPr, Video, and S-Video.

Troubleshooting

No power

- Make sure AC cord is plugged into the back of the LCD TV.
- Make sure AC power cord is securely connected to the AC socket.
- Plug another electrical device (like a radio) to the power outlet to verify that the outlet is supplying the proper voltage.

Power is ON but no screen image

- Adjust brightness and contrast.
- Check Source settings.

Wrong or abnormal colors

- If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.
- The red connector for right audio is easily confused with the red Pr connector in YPbPr component video input. Double check that they are correctly attached.
- Remove distribution amplifiers from the signal path.

Snow appears on screen

- Check your antenna connection.
- Remove unnecessary signal splitters to improve signal quality.
- Replace poor or worn cables to properly match 75 ohm impedance.
- Check TV / CATV selection.

No sound

- Check your audio connection.
- Press MUTE on the remote control again, so that MUTE disappears from the screen.
- Check your audio settings; your TV audio may be set to SAP.
- Press the Vol ► key on your remote control.
- Make sure that headphones are not connected.

Remote control does not work

- Make sure the batteries are inserted correctly.
- Replace old or worn batteries.

Remote control code not found in “universal” remote

- Purchase a separate “learning” remote control.

How do I find more help?

- www.westinghousedigital.com
- Contact customer service at (866) 287-5555 or service@westinghousedigital.com.



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Start Here

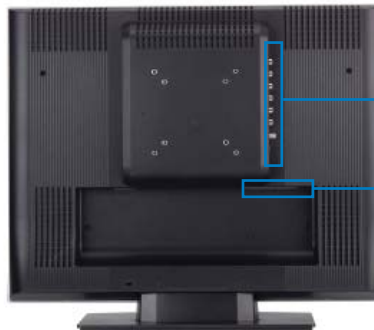
LTV-19w6 LCD TV

Comienzo Aquí

Démarre Entière



Keypad: Power & Menu Controls



ANT/YPbPr/S-Video/
Video Inputs

D-Sub/DVI-D Inputs

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Quick Install Guide

CONGRATULATIONS on purchasing a Westinghouse LCD TV! This Quick Connect Guide will help you get started in 3 easy steps. For complete installation, usage instructions, and safety precautions please refer to the User's Manual.

1 PLUG IN THE TV

Plug in the TV to a properly grounded power outlet. Insert batteries into the remote control.

2 VIDEO SOURCE SETUP

Connect either cable or TV antenna wire to the cable-ready NTSC tuner input labeled "ANT" on the connection panel.

3 COMPUTER SETUP

Connect a computer to the D-Sub or DVI-D input and the corresponding Audio-In input.

GO!

You are now ready to enjoy your new Westinghouse LCD TV. Press the power button on the keypad or remote control to turn the TV on.

MAXIMIZE YOUR LCD TV EXPERIENCE You can attach your LCD TV to a variety of electronic devices including a cable or satellite set top box, a game console, a VCR, or a computer. The chart shows our recommendations for the best quality picture for these commonly used devices.

	VIDEO INPUTS			
	ANT	Video	S-Video	YPbPr
Cable/ Satellite Receiver			Good	Better
DVD Player		Good	Better	Best
Game Console		Good	Better	Best
VCR	Good	Better	Best	

Note: The audio input is shared between YPbPr, Video and S-Video

TYPICAL SETUP

- DVD player with YPbPr input
- Game console action using S-Video input
- VCR viewing and editing with Video input

	PC INPUTS	
	D-Sub (VGA)	DVI
Monitor	Good	Better

- Remember to adjust the resolution of your computer to 1440 x 900 for best performance.

Use the input button on the remote control or keypad to navigate between the TV, D-Sub, DVI, YPbPr, S-Video or Video inputs.





Guide de Connexion Rapide

FELICITATIONS pour votre achat d'une LCD HDTV! Ce Guide de Connexion Rapide vous aidera à démarrer en trois étapes simples. Pour une installation complète, des instructions d'utilisation, et des précautions de sûreté veuillez vous rapporter au Guide de l'Utilisateur.

1 BRANCHEZ LA TV

Branchez la TV à une prise correctement mise à terre. Insérez les piles de la télécommande.

2 INSTALLATION VIDEO SOURCE

Connectez le câble ou le fil d'antenne de la TV à l'entrée du syntoniseur NTSC étiquetée «ANT» sur le panneau de branchement.

3 INSTALLATION DE L'ORDINATEUR

Connectez un ordinateur à l'entrée D-Sub ou DVI-D et l'entrée Audio-In correspondante.

COMMENCEZ!

Vous êtes maintenant prêt pour apprécier votre nouvelle TV LCD Westinghouse. Appuyez sur la touche power [marche] sur le clavier à touches ou sur la télécommande pour mettre en marche la TV.

OPTIMISEZ VOTRE EXPERIENCE TV LCD Vous pouvez raccorder votre téléviseur LCD à une multitude d'appareils électroniques, y compris un boîtier décodeur pour câblodistribution ou satellite, une console de jeu, un magnétoscope, ou un ordinateur. Le tableau montre nos recommandations pour une image de qualité supérieure avec ces appareils d'utilisation commune.

	ENTRÉES VIDÉO			
	ANT	Vidéo	S-Vidéo	YPbPr
Décodeur de câblodistribution /satellite			Bien	Mieux
Lecteur de DVD		Bien	Mieux	Meilleur
Console de jeu		Bien	Mieux	Meilleur
Magnétoscope	Bien	Mieux	Meilleur	

Remarque : L'entrée audio est partagée entre YPbPr, Vidéo et S-Vidéo

MISE EN PLACE TYPIQUE

- Lecteur DVD avec entrée YPbPr
- Console de jeux raccordée à une entrée S-Video
- Magnétoscope raccordé à l'entrée vidéo pour lecture et montage vidéo

	ENTRÉES PC	
	D-Sub (VGA)	DVI
Moniteur	Bien	Mieux

- Réglez la résolution de l'ordinateur à 1440 x 900

Utilisez la touche d'entrée sur la télécommande ou le clavier pour naviguer entre les entrées TV, D-Sub, DVI, YPbPr, Vidéo ou S-Vidéo.



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Guía De Conexión Rápida

¡FELICITACIONES por comprar un televisor con pantalla de cristal líquido! Esta Guía de Conexión Rápida le va a ayudar a conectarlo en tres sencillos pasos. Para ver las instrucciones completas de instalación y de uso, así como las precauciones de seguridad, por favor consulte el Manual del Usuario.

1 CONECTE EL TELEVISOR

Conecte el televisor en una salida de corriente debidamente aterrizada. Inserte las baterías en el control remoto.

2 CONECTAR DE LA FUENTE DE VIDEO

Conecte el cordón ya sea del cable o de la antena del televisor en la entrada sintonizador NTC para conectar el cable, que tiene la etiqueta "ANT" en el panel de conexión.

3 CONECTAR LA COMPUTADOR

Conecte una computadora en la entrada D-Sub o DVI-D en la entrada de audio correspondiente.

¡LISTO!

Ya está listo ahora para disfrutar su nuevo televisor de pantalla de cristal líquido Westinghouse. Presione el botón de encendido en el tablero o en el control remoto para accionar el televisor.

DISFRUTE AL MÁXIMO SU TELEVISOR DE PANTALLA DE CRISTAL LÍQUIDO Usted podrá conectar su televisor de pantalla de cristal líquido a una variedad de dispositivos electrónicos, incluyendo un decodificador de cable o de televisión por satélite, una consola de juegos de video, una videogradora, o una computadora. En la tabla le presentamos nuestras recomendaciones para obtener la máxima calidad de imagen al usar estos dispositivos de uso general.

	ENTRADAS DE VIDEO			
	ANT	Vidéo	S-Vidéo	YPbPr
Cable/Receptor de satélite			Buena	Mejor
Reproductor de DVD's		Buena	Mejor	Excelente
Consola de juegos de video		Buena	Mejor	Excelente
VCR	Buena	Mejor	Excelente	

Nota: La entrada de audio se comparte entre el YPbPr, Video y el S-Video

AJUSTE TÍPICO

- Player Tocado de DVD con entrada para YPbPr
- Acción de consola de juegos que usa S-Video
- Visualización y editado de VCR con entrada de Video

	ENTRADAS DE PC	
	D-Sub (VGA)	DVI
Monitor	Bueno	Mejor

- Fije la resolución de la computadora a 1440 x 900

Use el botón de entrada del control remoto o el teclado para navegar entre las entradas de TV, D-Sub, DVI, YPbPr, Video, o S-Video.



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LCD TV One Year Limited Warranty

Westinghouse Digital Electronics warrants this LCD TV against defects in material or workmanship for a period of one (1) year from the original date of purchase, subject to the following terms and conditions:

LABOR AND PARTS — For a period of one (1) year from the original date of purchase, Westinghouse Digital Electronics will repair any defect in material or workmanship in the Product, or at its option, replace a defective Product. During the one (1) year warranty period, Westinghouse Digital Electronics will supply new or rebuilt replacement parts in exchange for defective parts. Replacement parts will be warranted for either the remainder of the original warranty period or ninety (90) days from date of installation, whichever occurs last. After the expiration of the warranty period, repairs to the Product are the responsibility of you, the Purchaser.

OBTAINING WARRANTY SERVICE — To obtain warranty services, you must either personally deliver the Product to a Westinghouse Digital Electronics service center, or ship the Product to said service center freight prepaid, in its original packaging or in packaging providing an equal degree of protection. Westinghouse Digital Electronics is not responsible for damage to any Product that occurs during shipping. Please call Westinghouse Digital Electronics at (866) 287-5555 for the locations of the nearest Westinghouse Digital Electronics service center.

EXCLUSIONS TO WARRANTY — Damage to the Product resulting from acts of God, accident, misuse, abuse, negligence, commercial use (not consumer or personal use), alteration, or unauthorized repair of the Product is not covered by this warranty. This warranty does not cover damage due to: (i) improper installation, set-up adjustments, operation, or maintenance; (ii) power surges, connection to incorrect voltage, or combination with incompatible components or accessories; or, (iii) repairs attempted by anyone other than an authorized Westinghouse Digital Electronics service facility. This warranty is valid only for Products purchased and used in the United States of America or Canada.

PROOF OF ORIGINAL PURCHASE — A sales receipt, invoice, or other proof of purchase specifying the original date of purchase, must be presented within the one (1) year warranty period to obtain warranty service. This warranty extends to the original purchaser and is not transferable. The factory applied serial number must appear on the Product or this warranty shall not apply.

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Some States do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

For latest product information and tips please check www.westinghousedigital.com



Westinghouse Digital Electronics

Garantía Limitada de un Año del LCD TV

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Para la información y las recomendaciones más reciente sobre el producto, por favor consulte www.westinghousedigital.com

