

LCD TV MONITOR

~ USER'S MANUAL ~

*The best viewing experience
you're looking for!*



TV	VGA	AV	HDMI	S VIDEO	YPBPR INPUT	POP	16:9 ASPECT RATIO
HDTV	120hz MOTION BLUE TECHNOLOGY	FULL-HD 1080p		50,000:1 DCR	DIGITAL NOISE REDUCTION	PIP	4:3 ASPECT RATIO

IMPORTANT SAFETY INSTRUCTIONS

WARNING

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO AVOID THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



This symbol is intended to alert the user to avoid the risk of electric shock, do not disassemble this equipment by anyone except a qualified service personnel.



This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure

IMPORTANT SAFETY INSTRUCTIONS

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment. Before operating this equipment, please read this manual completely, and keep it nearby for future reference.



- Do not place the equipment on any uneven or unstable carts, stands, tables, shelves etc. The equipment may fall, causing serious injuries to children or adults and serious damage to the equipment itself.
- Use only a cart or stand recommended by the manufacturer. This equipment and recommended cart or stand should be handled with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and recommended cart or stand to overturn.



- Do not disable the 3-wire grounding type plug. The grounding pin on the 3-prong plug is an important feature. Removing the grounding pin will increase the risk of damaging the equipment. If you can not fit the plug into the electrical outlet, contact an electrician to install a grounding outlet.
- Always operate this equipment from the type of power source indicated on the rear of the serial/model plate.



- Never overload wall outlets and extensions.
- Use and handle the power cord with care.
- Do not place any heavy objects on the AC power cord.
- Do not pull the AC power cord. Do not handle the AC power cord with a wet hand.
- Do not touch the power cord and antenna cable during lightning.
- When the equipment has not been used for a long period of time, unplug it from the wall outlet.



- Do not place, use or handle this equipment near water.
- Never expose the equipment to liquid, rain, or moisture. Seek for service if any of the above is spilled into the equipment.



- Do not expose the equipment to extreme temperatures or to direct sunlight, the equipment may overheat and can be damaged.
- Do not install the equipment near any heat sources such as radiators, heat registers, stoves, or any other apparatus that might produce heat.

IMPORTANT SAFETY INSTRUCTIONS



- Do not attempt to service the equipment yourself.
- Opening and removing the covers may expose you to dangerous voltage or any other hazards and may void your warranty. Refer service from qualified personnel.



- Do not place or drop any other objects on top.
- Do not insert anything into the ventilation holes of your equipment. Inserting any metal or flammable objects may result to fire or electric shock.



- Do not place the equipment on uneven or unstable carts, stands, tables, shelves etc.. The equipment may fall, causing serious injuries to children or adults and serious damages to the equipment itself.
- Always place the equipment on the floor or on a surface that is sturdy, level, stable and strong enough to support the weight of the equipment.



- Do not block any ventilating openings, leave an open space around the equipment.
- Never place the equipment :
 - on a bed, sofa, rug, or any other similar surfaces;
 - too close to drapes/curtains/walls, in a bookcase, built-in cabinet, or any other similar places that may cause poor ventilation.



- Always remove the cord from the outlet before cleaning the equipment.
- Never use cleaners, harsh or abrasive chemicals or solvents on the equipment. Clean only with a dry, soft, lint-free cloth.

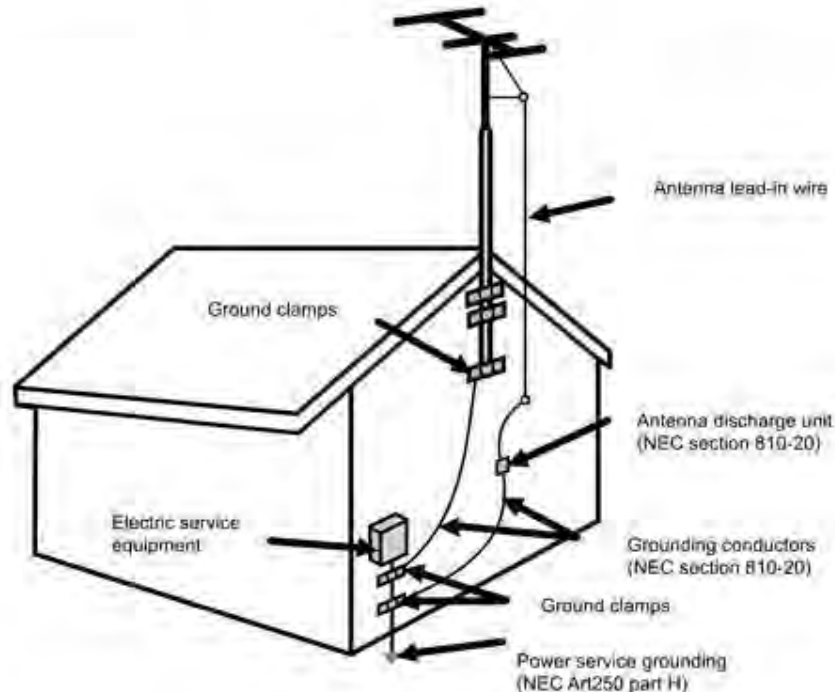
ANTENNA CONNECTION

EXAMPLE OF OUTDOOR ANTENNA GROUNDING

If an outdoor antenna is connected, follow the precautions below:

- An outdoor antenna should not be located anywhere that can be in contact of overhead power lines, or any other electric light or power circuits.
- When installing an outdoor antenna system, extreme caution should be taken to prevent contact with power lines. Direct contact with power lines may be fatal and should be avoided at all costs.

Section 810 of National Electrical Code (NEC) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



NEC : National Electrical Code

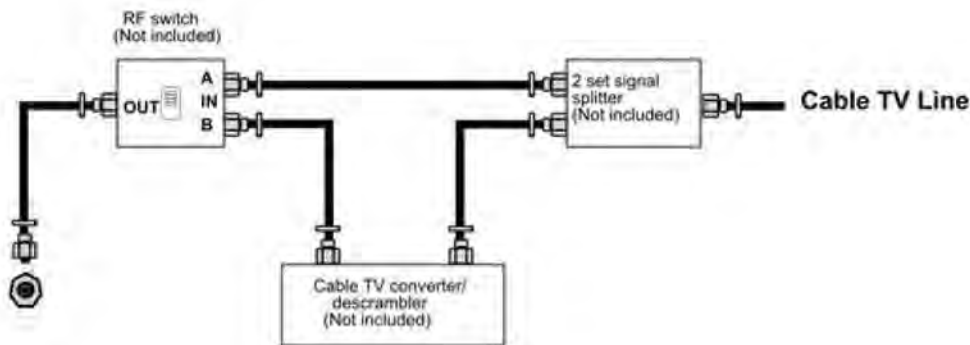
ANTENNA CONNECTION

Cable TV (CATV) Connection

NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV system installers attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building accurately, or as close to the point of cable entry as possible. Use of this TV for other than private viewing of programs broadcast on UHF, VHF or transmitted by cable companies for the use of the general public may require authorisation from the broadcast/cable company, and/or program owner

- A 75-Ohm coaxial cable connector is built into the set for easy hookup. When connecting the 75-Ohm coaxial cable to the set, place the 75-Ohm cable into the ANT. terminal.
- Some cable TV companies offer premium pay channels. Since the signals of these premium pay channels are scrambled, a cable TV converter/descrambler is generally provided to the subscriber by the cable TV company. This converter/descrambler is necessary for normal viewing scrambled channels. (Set your TV to channel 3 or 4, typically one of these channels are used. If this is unknown, consult your cable TV company.) For more specific instructions on installing cable TV, consult your cable TV company. One possible method of utilizing the coverter/descrambler provided by your cable TV company is explained below.



Please note: the RF switch is required to provide two inputs (A and B) . (not included)
A position on the RF switch (not included) ; you can view all unscrambled channels by using the TV channel keys.
B position on the RF switch (not included) ; you can view all scrambled channels via the converter/descrambler by using the converter channel keys.

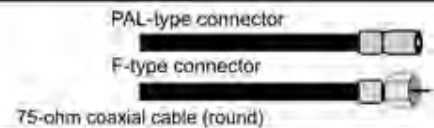
ANTENNA CONNECTION

ANTENNAS

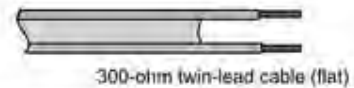
The antenna requirements for good color TV reception are more important than those of a black & white TV reception. For this reason, a good quality outdoor antenna is strongly recommended.

The following is a brief explanation of the type of connection that is provided with the various antenna systems.

- A 75-ohm system is generally a round cable with PAL-type or F type connector that can easily be attached to a terminal without tools (not included).



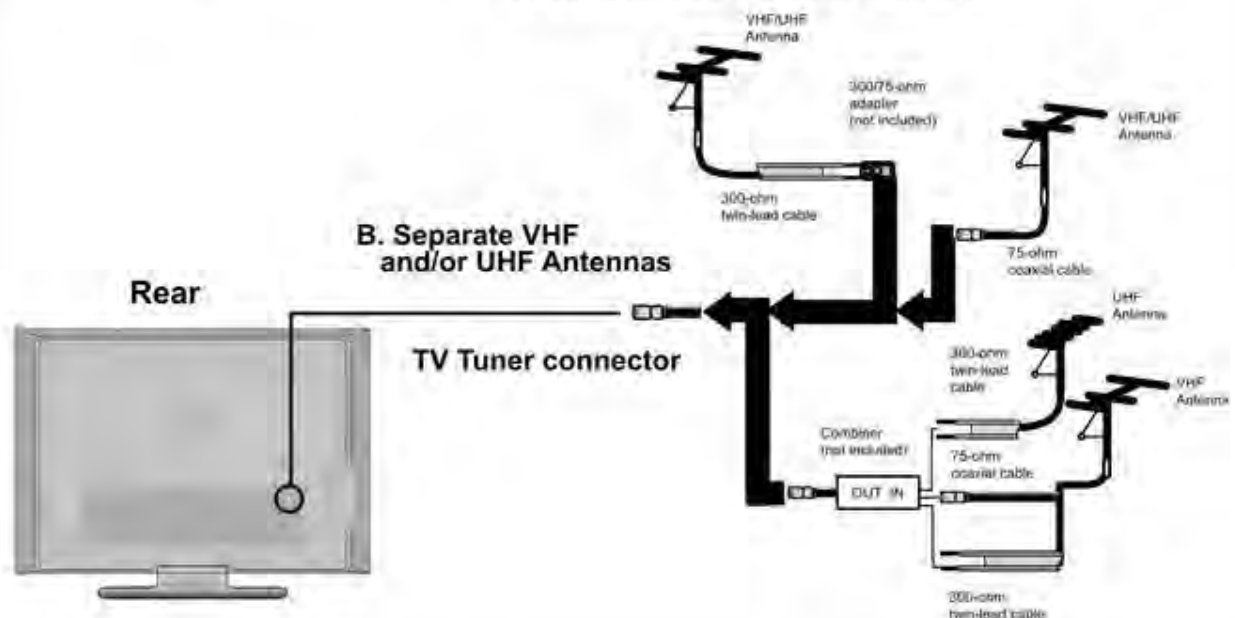
- A 300-ohm system is a flat twin-lead cable that can be attached to a 75-ohm terminal through a 300-75-ohm adapter (not included).



OUTDOOR ANTENNA

- Use one of the following two diagrams when connecting an outdoor antenna.
A: Use a VHF/UHF combination outdoor antenna.
B: Use a separate VHF and /or UHF outdoor antenna.
- Connect the outdoor antenna cable lead-in to the ANT. terminal located on the rear of the equipment.

A. Combination VHF/UHF antenna



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PREPARATION

Congratulations on the purchase of your new High Definition compatible Television. In order to maximise the potential of this television, you must use it in conjunction with a High Definition Signal Source, utilising a proper High Definition receiving unit (often referred to as a “set-top” box.) Only “true” High Definition transmitted video will yield optimum picture quality. Please contact your cable or satellite providers for more information on how to receive High Definition programming.

Features

■ Various Audio/Video terminals for external equipment connection

- 1 set of Composite video input terminal
- 1 set of S-VIDEO input terminal
- 2 set of HD component video input terminals (optional)
- 1 set of HDMI input terminal (2 set optional)
- 1 set of VGA input terminal
- 2 SCART (RGB,YC,CVBS input /CVBS output) connectors (optional)

■ Component Video Inputs

- Offer the best video quality for DVD (480i/480p),and digital set-top-box (HD1080i,720p) connections.

■ 3D Video Noise Reduction

- This function can digitally reduce image noise and provide better picture quality.

■ Film-mode Detection(2:2/3:2 reverse pull down)

- This function can automatically detect the film frame content, to provide a more natural-looking, clearer image of the moving picture.

■ Picture Enhancements

- 3D Y/C Digital Comb Filter performs the Y/C separation, the function can provide more clearer Y/C separation, natural-looking of the picture.
- Dynamic Luminance Transient Improvement(DLTi),
- Dynamic Chrominance Transient Improvement(DCTi)
- Dynamic Edge Improvement, Dynamic Noise Reduction,
- Dynamic Luminance Detection
- Dynamic Black Level Extender, Dynamic Gamma Control.
- Dynamic Digital Brightness Extender.

■ High-Definition Multimedia Interface (HDMI)

- This interface can accommodate a copy-protected digital connection (HDCP) to other digital set-top boxes that have compatible interface

■ Built-in TV tuners with PIP/POP Functionality (optional)

- This function allows viewing of video from two different sources simultaneously.

■ WSS (Wide Screen Scale) Function

- This function can automatically convert and display any aspect ration (4:3 /14:9 / 16:9) TV broadcast signal.

■ Support For Teletext Function (optional)

- This function can offer all sorts of information provided by TV company.

Package Contents

Once you open the box, make sure all of the following contents are included.
If missing any items, please return this product to the original place
of purchase.



**Remote control/
AAA batteries**



Power Cord



Video Cable



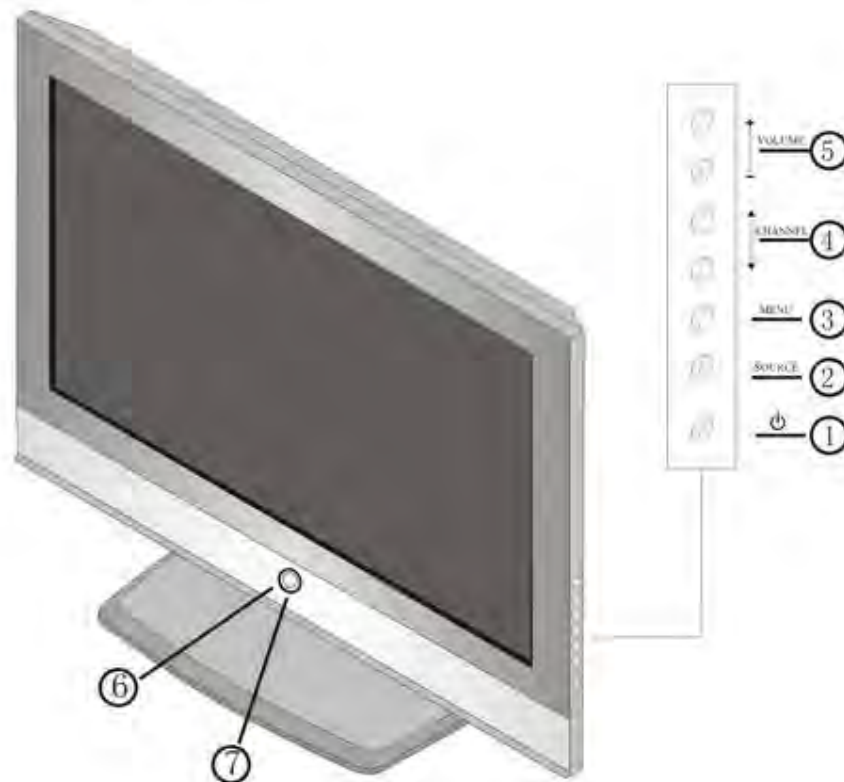
Audio Cable




User Guide

These items are all you need to set up and operate the LCD TV
in its basic configuration.

*Most devices (VCRs, DVD player, etc.) come with the necessary
cable for connection. If you want to set up a complex system, you may need to buy
extra cable, connector, etc.



ITEM	DESCRIPTION
1 POWER 	Turns the LCD TV on and off.
2 SOURCE	Chooses from different input signal sources.
3 MENU	Press MENU to display the OSD (on screen display).
4 CHANNEL	Scans up and down through channels. Selects sub-menu items when in the OSD mode.
5 VOLUME	Adjusts the volume up and down. Changes settings for items and the value for items when in the OSD mode.
6 IR	Infrared Receiver (IR)
7 LED	The LED light indicates when the LCD TV is activated (blue light indicates on and red indicates off).

Installing the batteries in your remote control

- 1** Pull the tab of the back cover and pull up on the cover to open the battery compartment of the remote control.



- 2** Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.



- 3** Align the lower tabs of the back cover to the remote control and snap the cover into place.

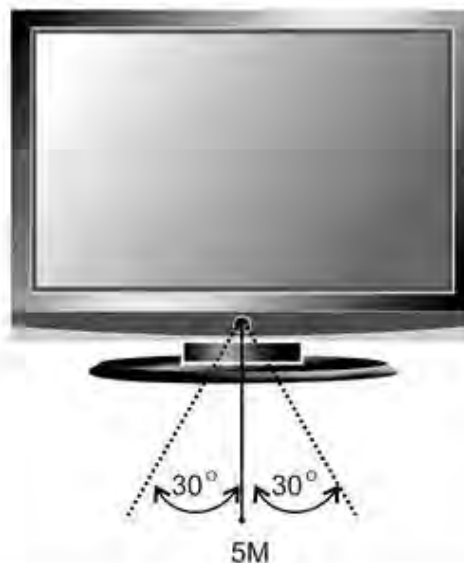


Note :

Do not use caustic cleaners(porcelain, stainless steel, toilet, or oven cleaner, etc...). You may cause damage to your remote control.

Effective range

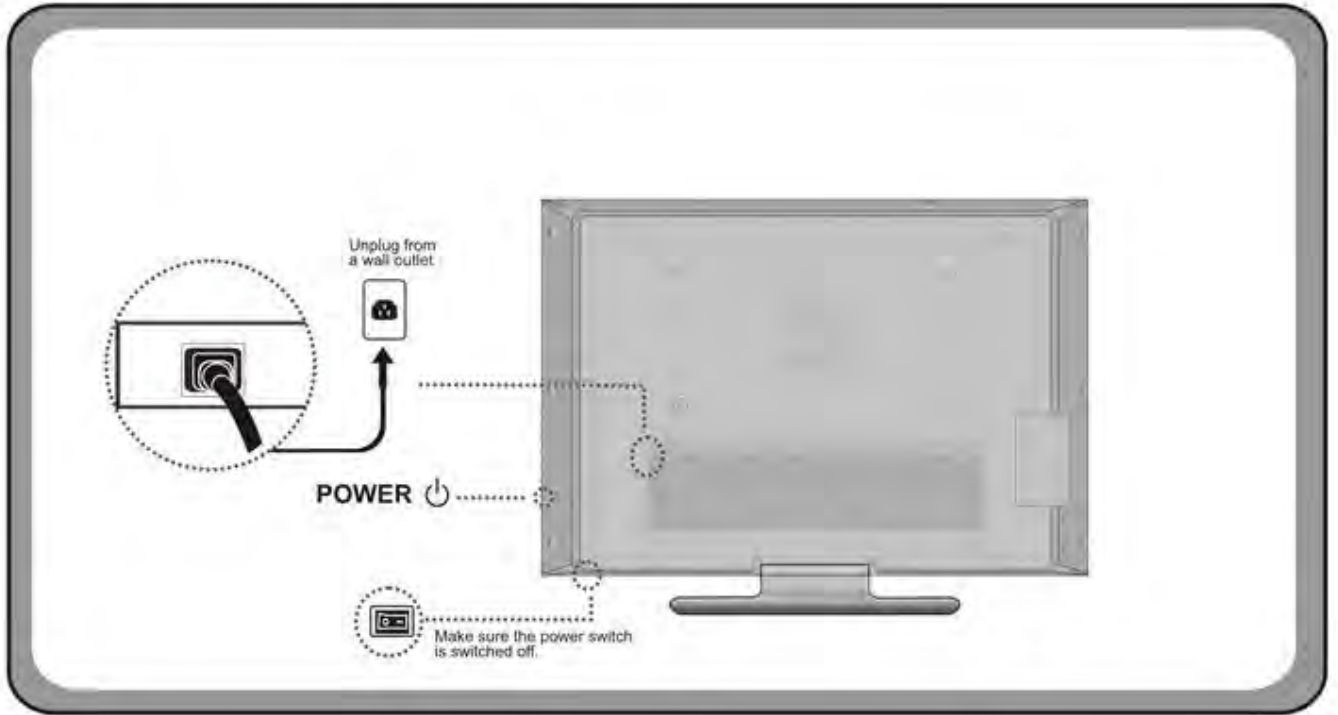
Your remote control can be activated from up to the LCD TV 5m away, if pointed directly in front of the device.



Always turn the LCD TV off when the LCD TV is not in use for a long period.

The Power button is only used for switching the LCD TV into standby mode, it does not disconnect the device from the main voltage.

To completely disconnect the main voltage, please switch off the power switch on the rear, or remove the power plug from the socket.



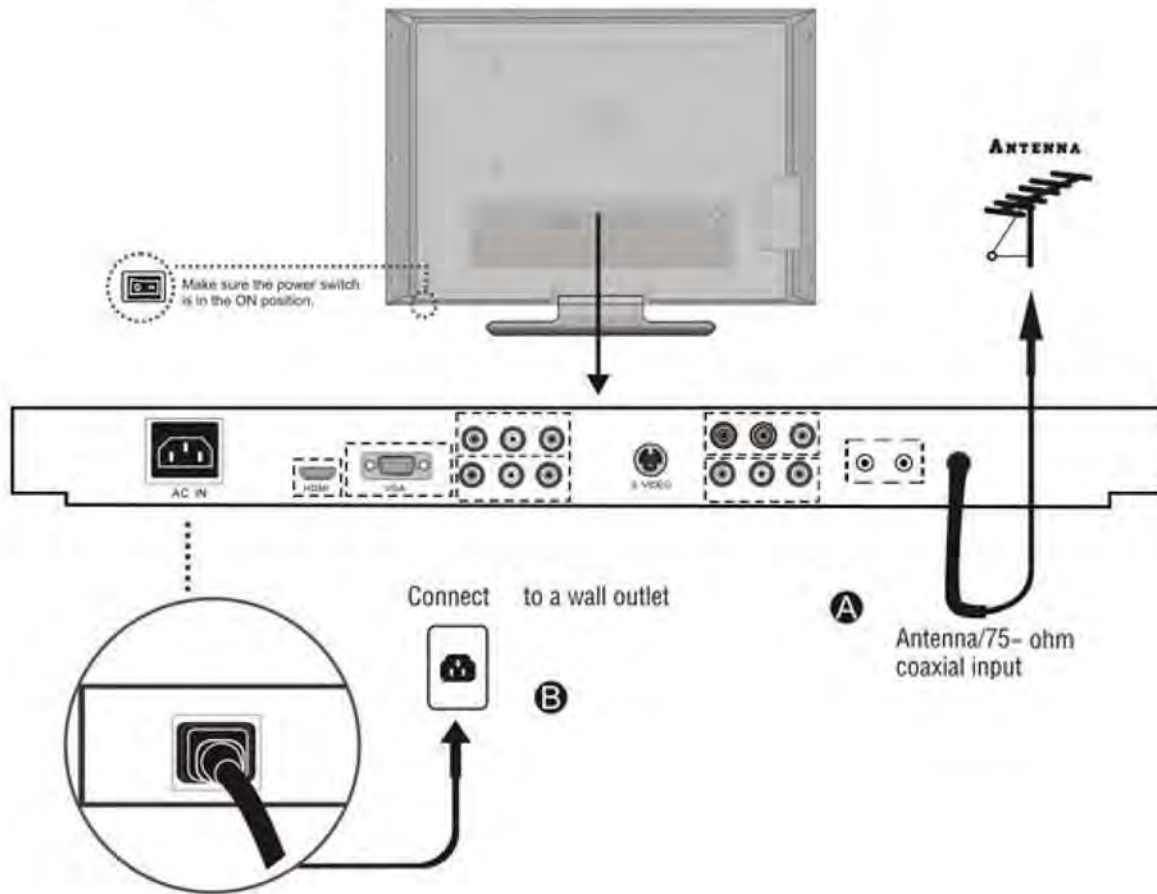
*Power Switch location may vary in some model.

INSTALLATION

Refer to the owner's manual of the external equipment which is to be connected. When connecting external equipment, do not connect any AC power cords to the wall outlets until you have completed all the connections.

Connecting a TV cable or Antenna

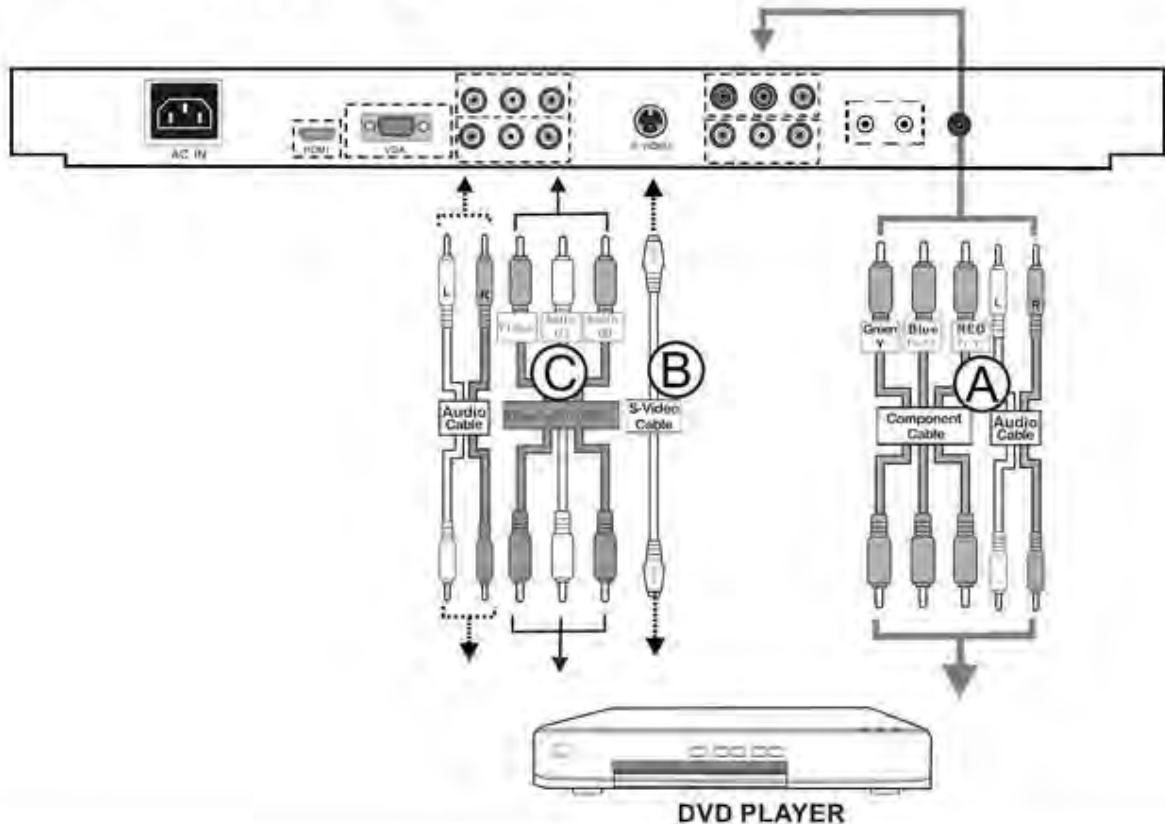
Basic Connection: Connecting cable or an antenna .



- 1** A: Use a supplied antenna cable to connect the VHF/UHF to your LCD TV.
- 2** B: Connect all AC power sources before turning on the power switch of the LCD TV or other connected equipments.
- 3** Press the **POWER** button to turn on your LCD TV.
- 4** Press the **TV** button to directly enter TV mode.
- 5** Select Auto Programme in the Setup menu to automatically search for available channels before watching your TV for the first time.

Connecting a DVD Player

For best picture quality, if your equipment has (Y Pb/Cb Pr/Cr) video output, Please use component cable instead of a standard video or S-video cable.



1 METHOD A

Use a Component cable to connect the (Y Pb/Cb Pr/Cr) jacks on the DVD player to your LCD TV. Use an audio cable to connect the DVD's audio jacks to your LCD TV.

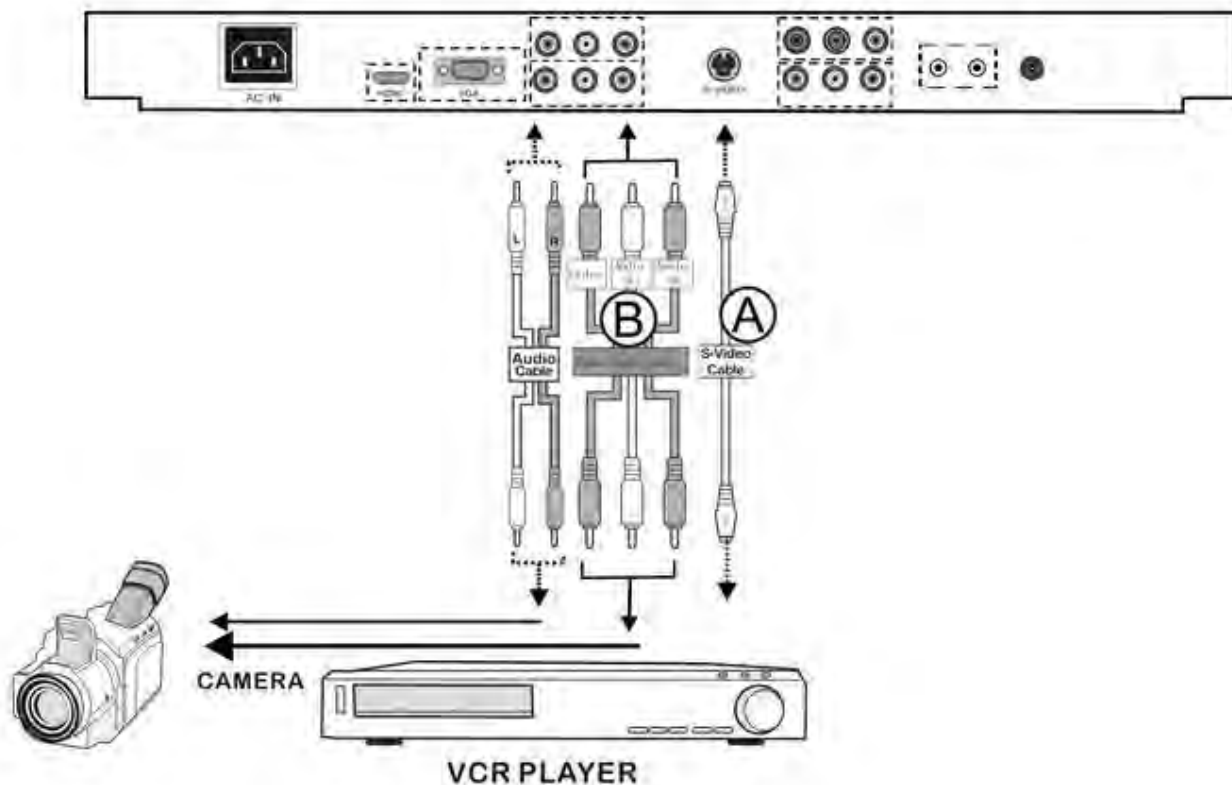
METHOD B

Use an Audio cable to connect the DVD's audio output jacks to your LCD TV. Use a S-Video cable to connect your LCD TV and DVD player.

METHOD C

Use an A/V cable to connect the DVD's composite output jacks to your LCD TV.

- 2 Connect all power sources before turning on the power switch of the LCD TV or other connected equipments.
- 3 Press the **POWER** button to turn on your LCD TV.
- 4 To watch DVD, press the **SOURCE** button to select **AV1,AV2,AV3,AV4,AV5 or AV6**.



1 METHOD A

Use an Audio cable to connect the VCR's/the Video Camera's audio output jacks to your LCD TV.

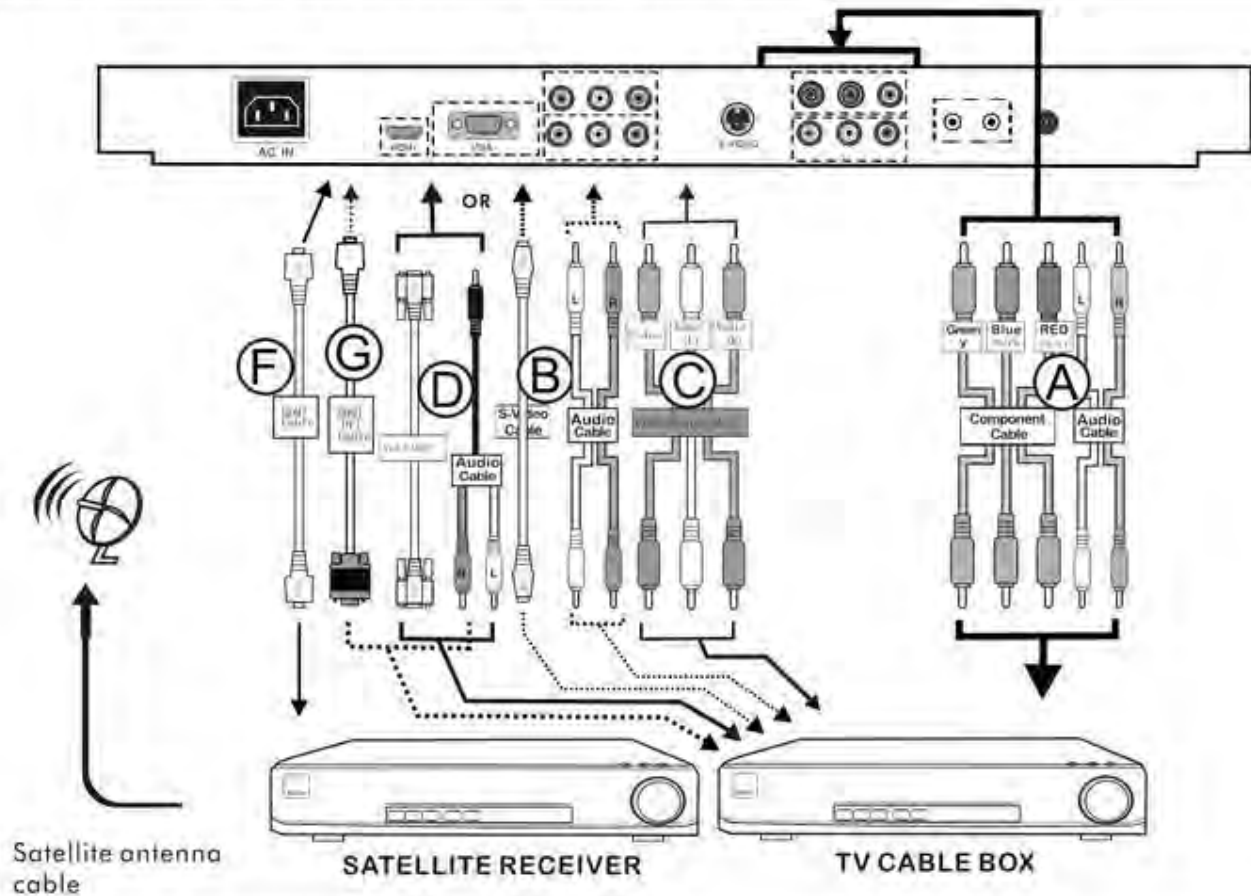
Use a S-Video cable to connect your LCD TV and VCR player/video camera.

METHOD B

Use an A/V cable to connect the VCR's/ video camera's composite output jacks to your LCD TV.

- 2 Connect all power sources before turning on the power switch of the LCD TV or other connected equipments.
- 3 Press the **POWER** button to turn on your LCD TV.
- 4 To watch video camera , press the **SOURCE** button to select **AV3** or **AV4** .
- 5 To watch VCR, press the **SOURCE** button to select **AV1, AV2, AV3** or **AV4** .

Note: Not all cameras have the ability to connect to a TV. Please check your video camera user guide for compatibility.



1 Method A(AV5/AV6) :

Use a Component cable to connect the Y/Pb/Pr jacks on the TV Cable Box to your LCD TV. Use an Audio cable to connect TV cable box's audio output jacks to LCD TV.

Method B(AV4) :

Use an Audio cable to connect the TV Cable Box's audio output jacks to your LCD TV. Use a S-Video cable to connect your LCD TV and TV Cable Box.

Method C(AV3) :

Use an AV cable to connect the TV Cable Box's composite output jacks to your LCD TV.

Method D(AV7) :

Use a VGA 15 pins cable to connect the TV Cable Box's RGB output jacks to your LCD TV. Use a 3.5mm jack to RCA adapter cable for connecting audio.

2 Method F (AV8)

Use a HDMI cable to connect the Satellite Receiver HDMI connector to your LCD TV,

Method G (AV8)

Use a HDMI DVI cable to connect the TV Cable Box to your LCD TV.

3 Connect all power sources before turning on the power switch of the LCD TV or other connected equipments.

- 4** Press the **POWER** button to turn on your LCD TV.
- 5** To watch TV via TV cable box, press the **SOURCE** button to select AV1, AV2, AV3, AV4, AV5, AV6, AV7 or AV8.
- 6** To watch programs via satellite receiver, press the **SOURCE** button repeatedly to select **AV8**.

HDMI

HDMI

-This TV SET can receive the High-Definition Multimedia Interface(HDMI) or Input of Digital Visual Interface(DVI).

-This TV SET supports HDCP(High-bandwidth Digital Content Protection) Protocol for TV SET (480p, 720p, 1080i) modes.

-When you connect to the output of signal source devices (DVD Player, Set Top Box or PC) which can detect HDMI/DVI signal automatically, the signal source devices will set the resolution of LCD TV automatically. If the devices can not support the function of automatical detecting HDMI/DVI input, the Resolution of LCD TV will be set up manually by user.

-To get the best picture quality, adjust the DVD Player or Set Top Box output resolution to 1280 x 720p.

-To get the best picture quality, adjust the PC graphics card to 1024 x 768, 60Hz.

-When Source Devices have DVI Output Connector, you must connect audio with separated cable.

How to connect

1. If Source Devices have HDMI Output Connector, Source Devices connect to DTV with HDMI Cable. (HDMI sends Digital Video and Audio with one cable, need not especial Audio Cable for using HDMI Cable.)
2. If Source Devices have DVI Output Connector, Source Devices connect to DTV with HDMI to DVI Cable (not supplied with the product). In this case, you must connect audio with separated cable (Like Analog Audio cable). And then you can listen to normal Audio.

Cable sample



HDMI Cable
(not supplied with the product)



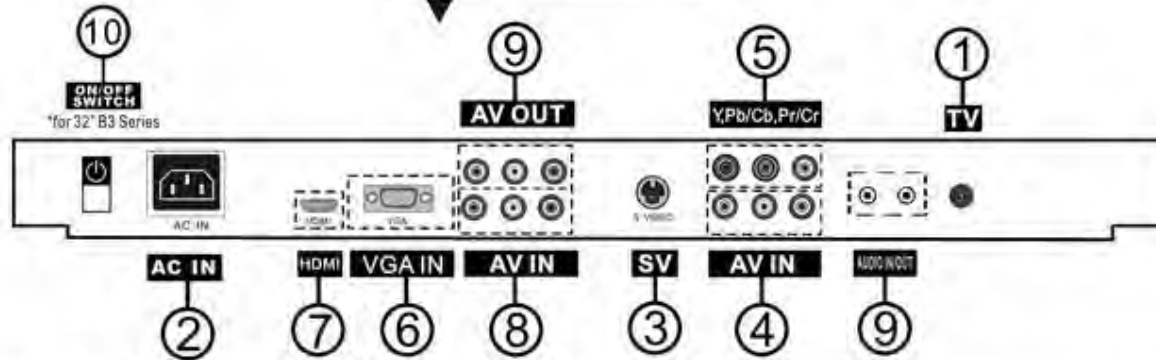
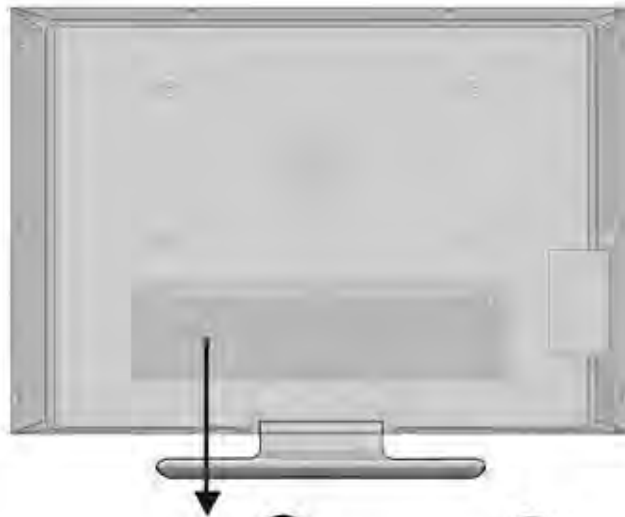
Analog Audio Cable (Stereo to RCA type)
(not supplied with the product)





HDMI to DVI Cable
(not supplied with the product)

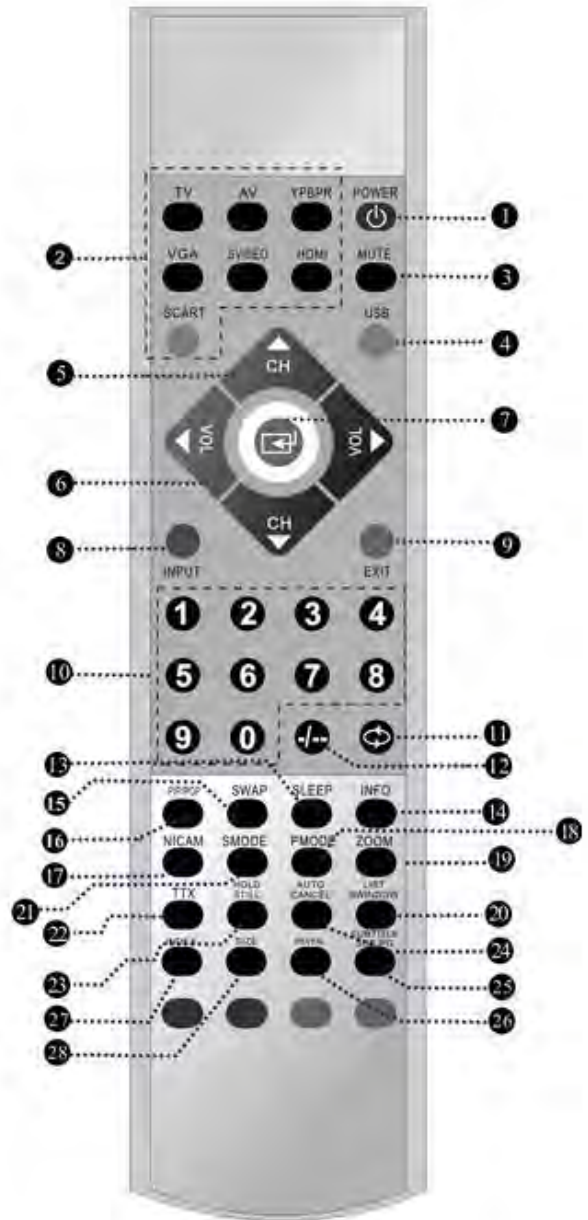
In This Mode, the Supported TV SET Resolution Specification

- | | |
|--|----------------------------|
| -1920 x 1080P @ 59.94Hz/60Hz, 16:9 | -1920 x 1080P @ 50Hz 16:9 |
| -1920 x 1080 I @ 59.94Hz/60Hz, 16:9 | -1920 x 1080 I @ 50Hz 16:9 |
| -1280 x 720 P @ 59.94Hz/60Hz, 16:9(preferred format) | -1280 x 720 P @ 50Hz 16:9 |
| -720 x 576 P @ 50Hz 16:9 | -720 x 480 P @ 60Hz 16:9 |
| -640 x 480 @ 60Hz 4:3 | |



ITEM	DESCRIPTION
1 TV	The RF input that connects to your VHF/UHF antenna or cable.
2 AC IN	Connects the AC power cord.
3 AV 1 S-VIDEO	Connects to the S- VIDEO output jacks and Audio output jacks on your video equipment.
4 AV 2 VIDEO/AUDIO (L/R)	Connects to the composite A/V input outputs jacks on your video equipment.
5 AV 3 Y,Pb/Cb,Pr/Cr AUDIO(L/R)	Connects to the component (Y, Pb/Cb, Pr/Cr) video jacks on your DVD player, HDTV Tuner source, or video equipment.
6 AV 4 VGA IN/AUDIO(L/R)	Connects the audio input jack of the satellite receiver or other AV equipment.
7 AV 5 HDMI	Connects to a digital set-top box or other receiver with a HDMI interface.
8 AV 6 VIDEO/AUDIO (L/R)	Connects to the composite A/V input outputs jacks on your video equipment.
9 AV OUT VIDEO/AUDIO/AUDIO IN/ OUT	Connects to the composite A/V input jacks of the Audio or Video equipment.
10 ON/OFF Switch	Master switch of the unit, location varies for other size and model.

- 1 POWER**
Turns the LCD TV on and into standby mode.
- 2 TV/AV/YPBPR/VGA/SVIDEO/HDMI/SCART**
One button quick select source input.
- 3 MUTE**
Mutes and restores your LCD TV sound.
- 4 USB**
Press to enter the USB/Card Reader features of the lcd tv.
- 5 CH. +/-**
Changes the channels up and down.
- 6 VOL. +/-**
Adjusts the volume.
- 7 **
Press to display the MENU OSD and/or to enter the selected item.
- 8 INPUT**
Select input source (HDMI, VGA, VIDEO, S-VIDEO, COMPOSITE)
- 9 EXIT**
Exits the OSD Menu (on-screen display).
- 10 0-9**
Select and switch to a channel by using 0-9 buttons.
- 11 **
Switches back and forth between the current and previous channels.
- 12 -/--**
The one/two digit numbers can be set by pressing -/-- button.
- 13 SLEEP**
Sets the LCD TV sleep time.
- 14 INFO**
Displays information on the LCD TV screen such as channel and channel label.
- 15 SWAP**
Press to swap between two input source.
- 16 PIP/POP**
Enables and displays the PIP/POP feature of the TV.
- 17 NICAM**
Cycles through the TV sound options: SAP-STEREO-AUTO
- 18 PMODE**
Cycles through the TV Picture Mode: Personal-Standard-Dynamic-Soft
- 19 ZOOM**
Enlarge and zoom the display screen.
- 20 LIST/9WINDOW**
Quick Auto Search for TV signal in 9 divisions of the screen.
- 21 SMODE**
Cycles through the TV sound equalizer: Personal-Standard-News-Music
- 22 TTX**
Displays the main index in Teletext mode.



- 23 HOLD/STILL**
Freeze and restore the picture display.
- 24 AUTO/CANCEL**
Auto tune the geometry of the screen IN VGA Mode. Returns and cancel the commands in USB Mode.
- 25 SUBTITLE/SUB.PG**
Displays the subtitle or subpage in teletext mode.
- 26 REVEAL**
Use for USB Mode to reveal the info.
- 27 INDEX**
Displays the index page file list of the usb/card in USB Mode.
- 28 SIZE**
Use for USB Mode to change from wide to normal view.

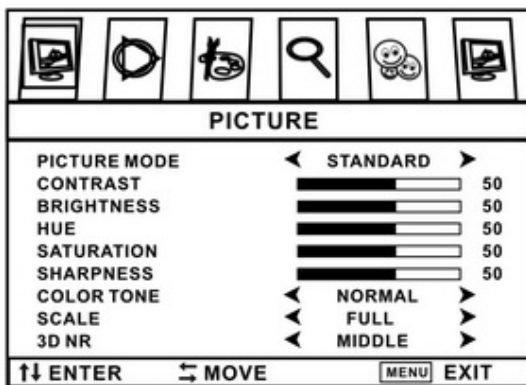
ON-SCREEN MENU

OSD Menu Operation



Press "Input" from the units control button or "→" from the remote control to open the OSD of available sources option- PC-HDMI-TV-AV-SVIDEO-YPBPR. Press Vol+ to enter into it.

OSD



1 The main menu provides access to the following menus:

PICTURE Adjust picture setting such as brightness,

Sound Adjust sound option and effects.

System Set up the following features: Language, OSD Duration, Halftone, position, Reset.

Advance Set up the timer of the LCD.

TV-Channel Set up some features: Color System, Sound System, Auto Scan, Manual Search, Fine Tuning, Skip.

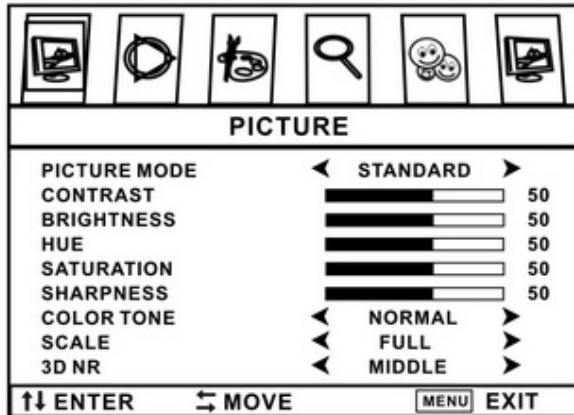
Advance Set up the PIP function.

- 2** Press the **MENU** button and the main menu will be display on the screen. Use ◀/▶ to highlight your main menu option, then press ▲/▼ to enter selected option.
- 3** Use ▲/▼ to highlight an option of the sub-menu. Use ◀/▶ to change the value of the item. Press the **MENU** button to exit MENU.

ON-SCREEN MENU

PICTURE

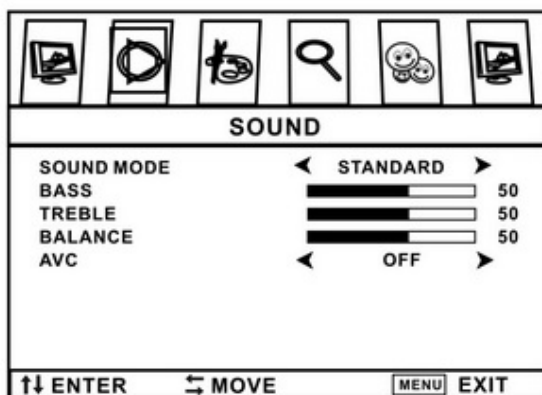
Use **Picture** setting menu to adjust the picture quality which best corresponds to your viewing requirements. The Picture Menu includes the following options:



OPTION	DESCRIPTION
PICTURE	Allows you to select picture mode: Personal, Standard, Dynamic, Soft.
Contrast	Adjust the difference between the brightness and darkness regions of the picture.
Brightness	Adjust the brightness of darken the picture.
Hue	Adjust to increase or decrease the green tones (NTSC only)
Saturation	Controls the color intensity.
Sharpness	Adjust to sharpen or soften the picture.
Color Tone	Select from preset color temperature: WARM-COOL-NORMAL
Scale	Select scale mode settings :Auto, Full, Zoom1 Zoom2, Normal, Panorama
NR.	Select the Noise Reduce to be OFF, WEAK, MIDDLE or STRONG

SOUND

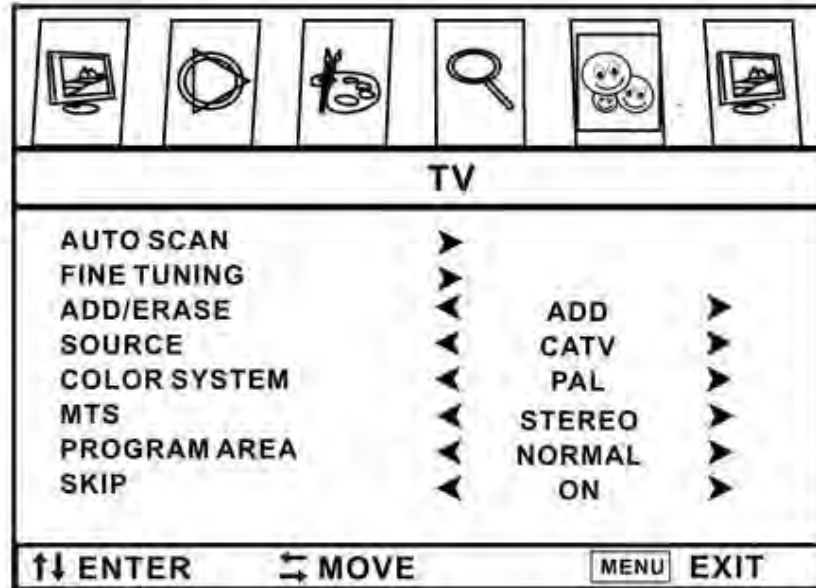
Use this **SOUND** setting menu to adjust the sound quality which best corresponds to your listening requirements.



OPTION	DESCRIPTION
Sound Mode	Allows you to select the sound mode to Personal, Standard, News, or Music.
Bass	Adjust low frequency audio response.
Treble	Adjust high frequency audio response.
Balance	Adjust to emphasize left or right speaker balance.
AVC	Allows you to select AVC to be ON or OFF.

ON-SCREEN MENU

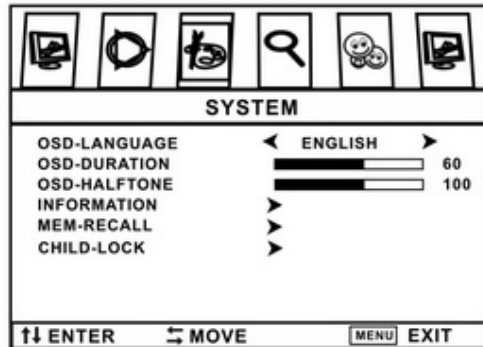
TV-CHANNEL



OPTION	DESCRIPTION
Auto Scan	Press the ◀/▶ button to begin auto search. All receivable stations will be stored.
Fine Tune	Press the ◀/▶ button to fine tune for the best picture and sound.
Manual Search	Manual programme lets you manually tune and arrange the stations in whatever order you desire.
Color System	Allows you to select the color system to be Auto, PAL, SECAM, NTSC.
Sound System	Allows you to select the proper sound system.
Skip	Select a programme number to be skipped with the ▲/▼ or ◀/▶ button.

ON-SCREEN MENU

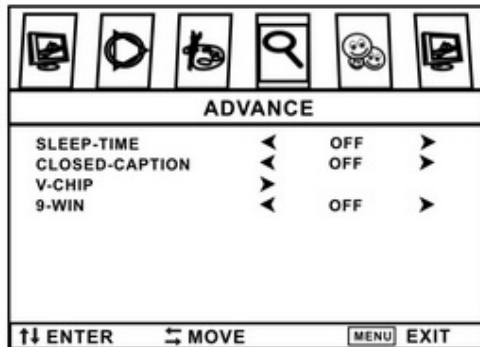
SYSTEM



Use **System setup** menu to set up some features: Sleep Timer, OSD Language, OSD Position, OSD Duration, OSD Halftone, OSD Reset.

OPTION	DESCRIPTION
OSD Language	Press the ◀/▶ button to select desired language. (English, Chinese, German, French, Spanish, Italian.)
OSD Duration	Allows selection of the display time of the on-screen menu: 5 sec/10 sec/15 sec/ 20 sec 25 sec and 30 sec.
OSD Halftone	Press the ◀/▶ button to adjust the OSD transparency.
Information	Displays the information of the LCD
Memory Recall	Restore the default factory settings.
Child-Lock	Set the unit's security, Default Password is "0000".

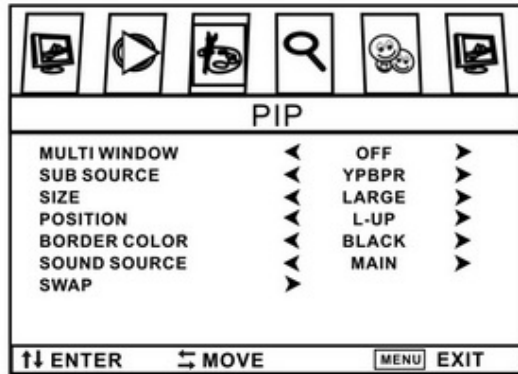
ADVANCED



Sleep	Set up a certain time to shut off automatically: OFF/15/30/45/60 minutes.
Closed Caption	Set the settings for closed caption.
V-Chip	Set the settings for the V-Chips.
9-Win	Set the 9-Windows settings for fast auto tuning.

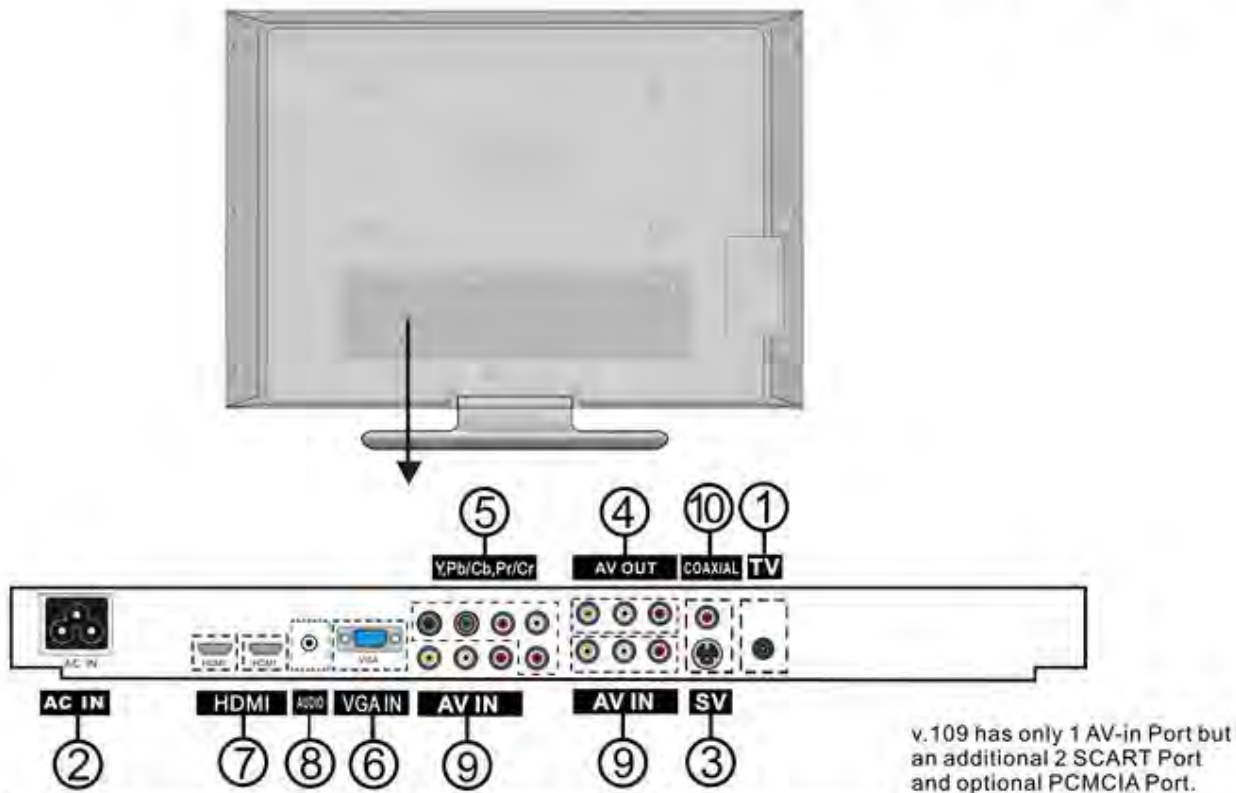
ON-SCREEN MENU

PIP



OPTION	DESCRIPTION
Multi Window	Allows to select the PIP to be ON or OFF.
Sub Source	Allows you to select the sub-source input.
Size	Allows you to adjust the picture window size.
Border Color	Allows to select the border color.
Sound Source	Allows you to select the source from main or from sub-source.
Swap	Allows you to swap between two source/
PIP Position	Allows you to select the PIP Position.

Rear View



ITEM	DESCRIPTION
1 TV	The RF input that connects to your VHF/UHF antenna or cable.
2 AC IN	Connects the AC power cord.
3 S-VIDEO	Connects to the S- VIDEO output jacks and Audio output jacks on your video equipment.
4 AV OUT	Connects to the composite A/V input outputs jacks on your video equipment.
5 Y,Pb/Cb,Pr/Cr	Connects to the component (Y, Pb/Cb, Pr/Cr) video jacks on your DVD player, HDTV Tuner source, or video equipment.
6 VGA IN	Connects to a VGA Port of the computer.
7 HDMI	Connects to a digital set-top box or other receiver with a HDMI interface.
8 AUDIO	Connects the audio input jack of the satellite receiver or other AV equipment.
9 AV1/AV2	Connects to the composite A/V input outputs jacks on your video equipment.
10 COAXIAL	Connects to the coaxial output jack on your video equipment.

POWER: Turns the LCD TV on and into standby mode.

MUTE: To disable or enable the sound

INPUT: To display TV input source menu

SLEEP: Set time to turn to time off the TV

MENU: To display LCD TV menu

RETURN: Return to previous channel.

VOL+/-: To adjust sound level

NICAM: To enter sound setting

NUMBER KEY: Used to select channel,
in Teletext mode.

Used to enter the key numbers

EPG: Programmer guide

CH+/-: To access the next or previous
programmers

PIC: To switch picture modes

SOUND: To switch sound modes

INFO: Used to display input source information

ASPECT: To change picture aspect ratio

FAV: Used to access your favourite channel

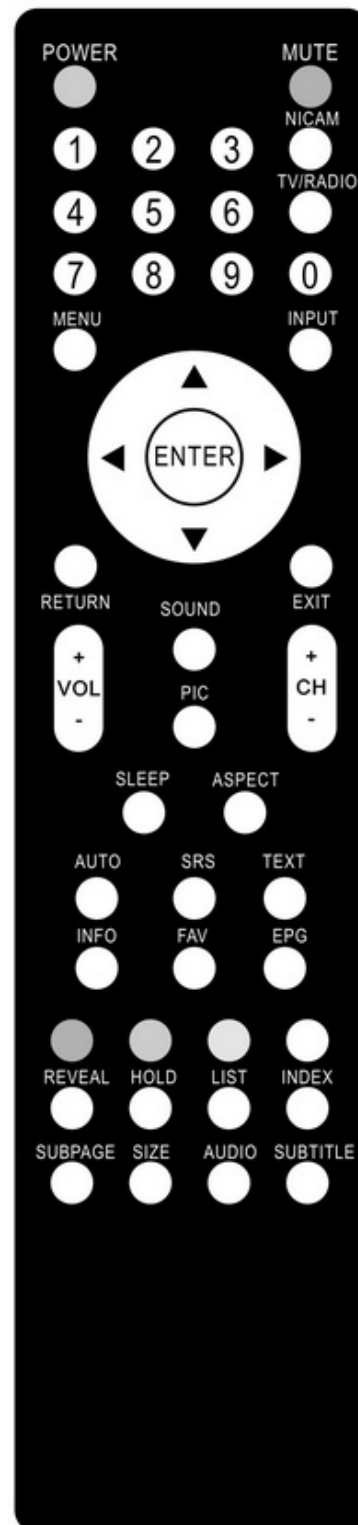
CC: To close the caption

ENTER: Confirm

EXIT: exit

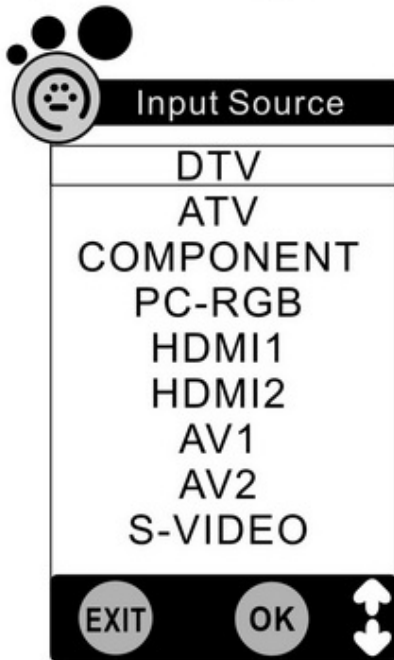
ARROWS: Allows you to move, select and setup
the OSD Options.

SRS: Allows you to turn ON the Audio Surround.



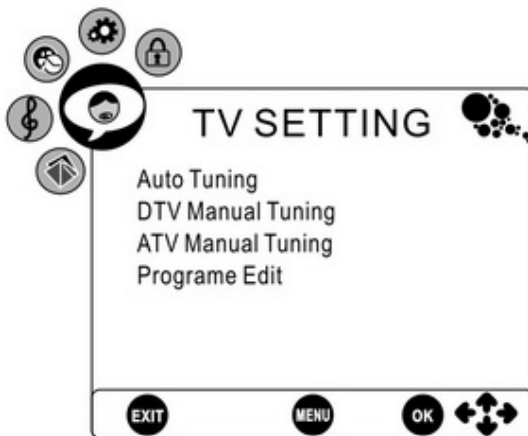
ON-SCREEN MENU

OSD Menu Operation



Press "Input" from the unit's control button or from the remote control to open the OSD of available sources option-
DTV-ATV-COMPONENT-RGB-HDMI1-HDMI2
-AV1-AV2-SVIDEO

OSD



1 The main menu provides access to the following menus:

PICTURE	Adjust picture setting such as brightness, contrast and color quality.
SOUND	Adjust sound option and effects.
SETUP	Adjust the setting such as Language, Audio, and Subtitle.
TIME	Adjust the time setting such as Time On and Off, Timer and Time Zone.
TV SETTING	Adjust the TV settings and search for available signal (ATV or DTV).
LOCK	Adjust the settings of the security lock of the TV unit.

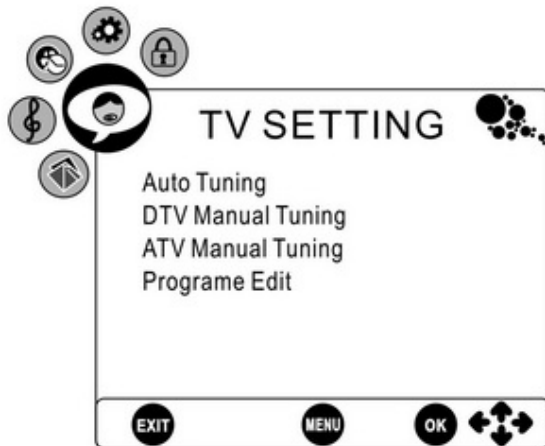
2 Press the **MENU** button and the main menu will be display on the screen. Use ▲/▼ to highlight your main menu option, then press ◀/▶ to enter selected option.

3 Use ▲/▼ to highlight an option of the sub-menu. Use ◀/▶ to change the value of the item. Press the **MENU** button to exit MENU.

ON-SCREEN MENU

TV SETTING

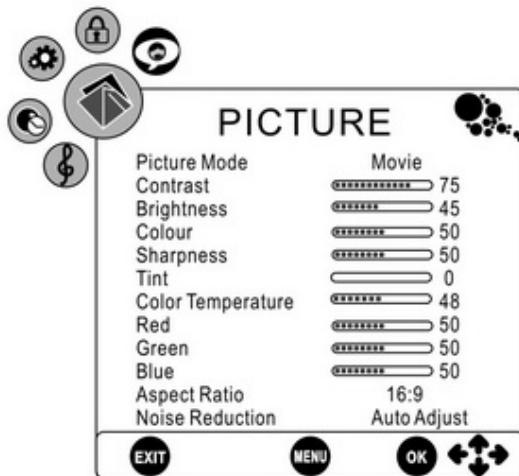
Only used in TV source. You can complete channel search and settings here Press ▲,▶,▼,◀, buttons to move.



OPTION	DESCRIPTION
Auto Tuning	Allows you automatically search for any available signal. Enter the location country. SW-UK-AUSTRALIA-AUSTRIA-BELGIUM-BULGARIA-CROATIA-CZECH-DENMARK-FINLAND-FRANCE-GERMANY-GREECE-HUNGARY-ITALY-LEXUM-NEDERLANDS-NORWAY-POLAND-PORTUGAL-ROMANIA-RUSSIA-SERBIA-SLOVENIA-SPAIN-SWEDEN
DTV Manual Tuning	Manually tune the LCD TV for digital signal available.
ATV Manual Tuning	Manually tune the LCD TV for analog signal available.
Program Edit	Allows you to edit the programmed stored.

PICTURE

Use **Picture** setting menu to adjust the picture quality which best corresponds to your viewing requirements. The Picture Menu includes the following options:

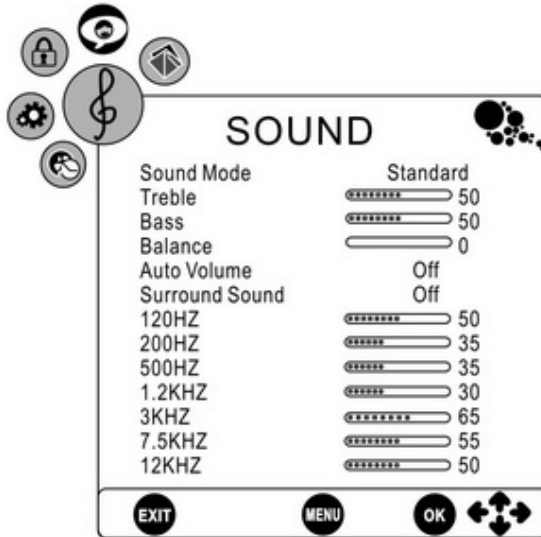


OPTION	DESCRIPTION
Picture Mode	Allows you to select picture mode. Movie-Dynamic-Personal-Soft-Standard.
Contrast	Adjust the brightness and darkness region of the picture.
Brightness	Adjust the brightness of the display.
Colour	Adjust the intensity of the picture.
Sharpness	Adjust the image sharpness.
Tint	Adjust the color tint of the display.
Color Temp	Adjust the color temperature of the picture.
Red/Green/Blue	Adjust manually the RGB color of the picture
Aspect Ratio	Select scale mode settings: 16:9-4:3-Auto-Zoom1-Zoom2
Noise Reduction	Select the noise reduction to ON/OFF-LOW-MID-HIGH-AUTO ADJUST

ON-SCREEN MENU

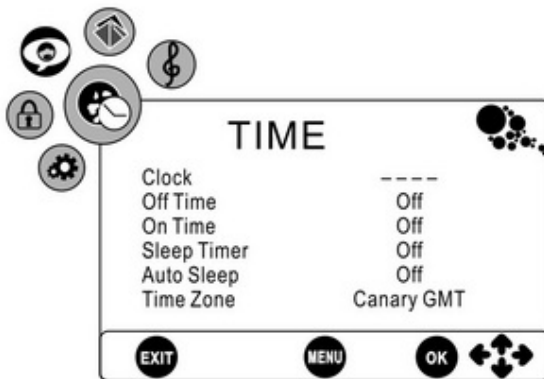
SOUND

Use this **SOUND** setting menu to adjust the sound quality which best corresponds to your listening requirements.



OPTION	DESCRIPTION
Sound Mode	Allows you to select the sound mode to Personal, Standard, News, or Music.
Treble	Adjust high frequency audio response.
Bass	Adjust low frequency audio response.
Balance	Adjust to emphasize left or right speaker balance.
Auto Volume	Allows you turn ON/OFF the auto volume
Surround Sound	Allows you to enable or disable the SRS feature of the LCDTV.

TIME



OPTION	DESCRIPTION
Clock	Allows you to adjust the correct local time.
Off Time	Adjust to set the time for the LCD TV to shut -off.
On Time	Adjust to set the time for the LCD TV to automatically turn ON.
Sleep Timer	Allows you to select the time for the LCD TV to turn OFF. 10m-20m-30m-60m-90m-120m-180m-240m
Auto Sleep	Adjust the auto sleep On and Off.
Time Zone	Allows you to adjust the proper time zone of your location.

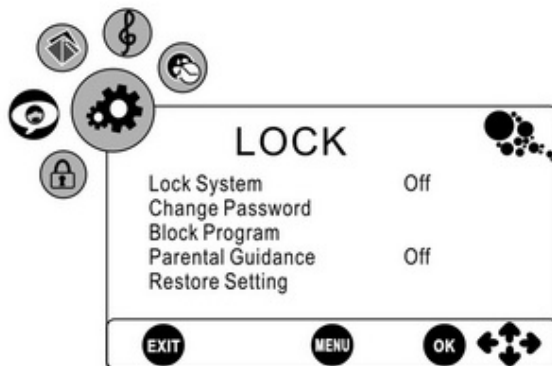
ON-SCREEN MENU

SETUP



OPTION	DESCRIPTION
Language	Allows you to select the OSD language. ENGLISH-ESPAÑOL-FRANCAIS-ITALIANO- NEDERLANDS-POLSKI-PORRTUGUESE-RUSSIA-DEUTSCH.
Audio Language	Allows you to select the Audio Language. (for DTV options.)
Subtitle Language	Allows you to select the subtitle language. (for teletext options.)
Hearing Impaired	Allows you to off or turn On the hearing impaired feature.
Country	Allows you to choose the country of your location.

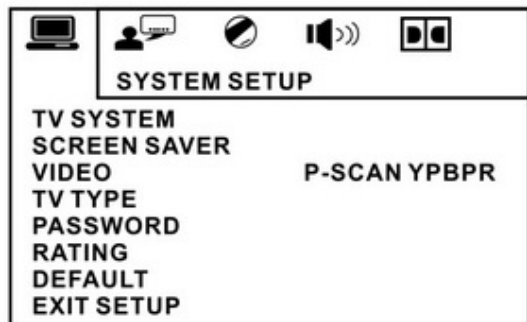
LOCK



OPTION	DESCRIPTION
Lock System	Allows you to lock or unlock the TV Setting. Default password is "0000".
Change Password	Allows you to change the password.
Block Program	Allows you to block program as you desired not suitable for viewing.
Parental Guidance	Allows you to set the ratings of each program suitable for certain viewers.
Restore Setting	Restore the factory settings of the unit.

DVD/USB OSD MENU

SYSTEM SETUP



TV SYSTEM: Select the TV system either NTSC, PAL or AUTO.

SCREEN SAVER: Turn ON or OFF the screen saver or the DVD/USB menu mode.

VIDEO: Displays video mode use.

TV TYPE: Sets the tv type display of the screen either in Pan-scan, normal or widescreen.

PASSWORD: Sets the password of the dvd/usb osd.

RATING: Sets the proper rating for the unit.

DEFAULT: Restores to the default settings of the osd.

LANGUAGE SETUP



OSD LANGUAGE: Sets the OSD Language into desired choice. (ENGLISH, GERMAN, SPANISH, FRENCH, PORTUGUESE, ITALIAN, DUTCH.

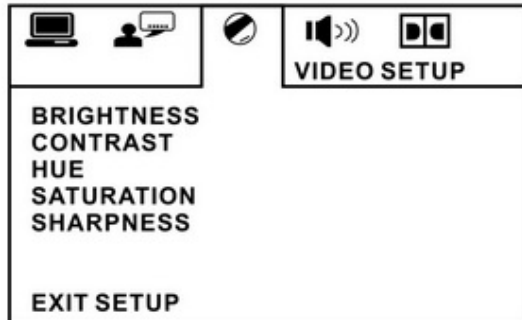
AUDIO LANG: Sets the AUDIO Language into desired choice. (ENGLISH, GERMAN, SPANISH, FRENCH, PORTUGUESE, ITALIAN, DUTCH.

SUBTITLE LANG: Sets the Subtitle Language into desired choice. (ENGLISH, GERMAN, SPANISH, FRENCH, PORTUGUESE, ITALIAN, DUTCH.

MENU LANG: Sets the Menu Language into desired choice. (ENGLISH, GERMAN, SPANISH, FRENCH, PORTUGUESE, ITALIAN, DUTCH.

DVD/USB OSD MENU

VIDEO SETUP



BRIGHTNESS: Sets the brightness of the display.

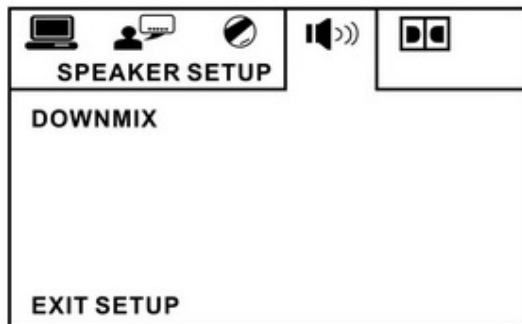
CONTRAST: Sets the contrast of the display.

HUE: Sets the color hueness of the display.

SATURATION: Sets the saturation of the display.

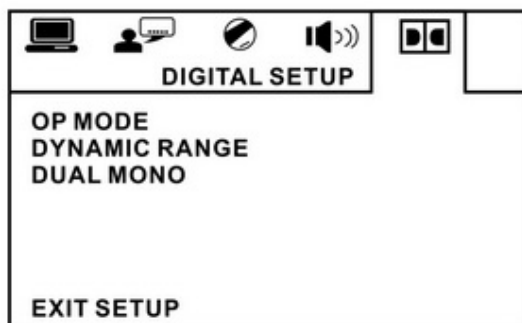
SHARPNESS: Sets the sharpness of the display.

SPEAKER SETUP



DOWNMIX: Choose between speaker standard function as LT/RT or stereo.

DIGITAL SETUP



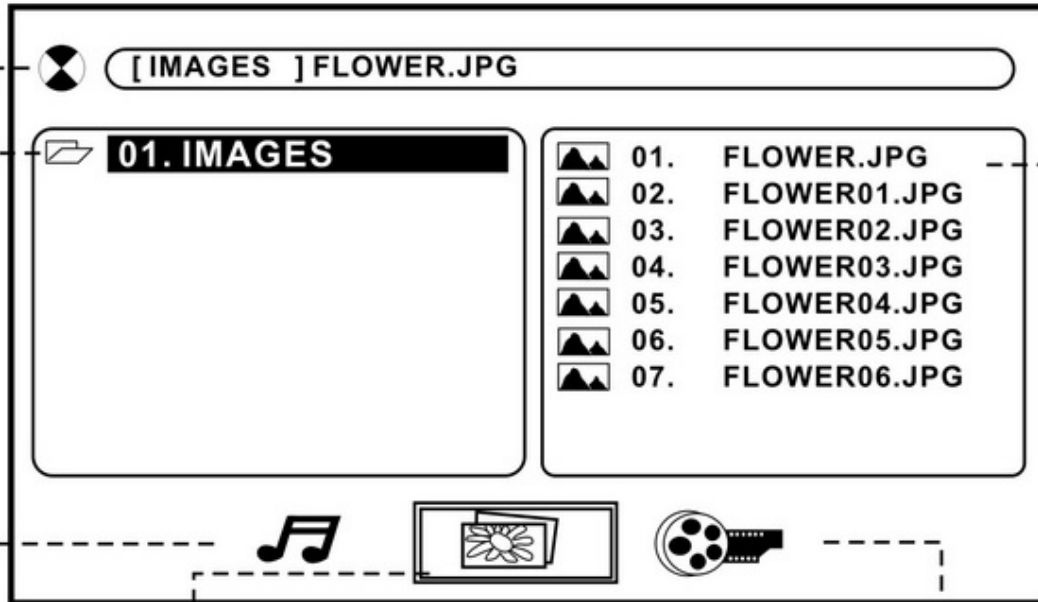
OP MODE: Choose between Line Out and RF Remod.
Line-out: Compress the output and the volume is relevantly low.
RF Adjust: Volume is relevantly high.

DYNAMIC RANGE: Adjust the dynamic range volume.

DUAL MONO: Sets the sound setup into Stereo-MonoL-MonoR or Mix Mono.

DVD/USB OSD MENU

File Manager Menu



CURRENT FOLDER OPENED.

CURRENT FILE ON PLAY.

TROUBLESHOOTING

Before consulting service personnel, Please check the following chart for a possible cause of the trouble you are experiencing and for a solution.

PROBLEM	SOLUTION
TV will not turn on	<ul style="list-style-type: none">■ Make sure the power cord is plugged in.■ The batteries in the remote control may be exhausted. Replace the batteries.
No picture, no sound	<ul style="list-style-type: none">■ Check the interface cable between TV and antenna/cable TV.■ Press the Power button on the remote.■ Press TV the button on the remote, then press the SOURCE button repeatedly to select the connected video sources.
Poor picture, sound OK	<ul style="list-style-type: none">■ Check the interface cable between TV and antenna/cable TV.■ Try another channel, the station may have broadcast difficulties.■ Adjust the Brightness/Contrast options in the VIDEO Menu.
Picture OK, Poor sound	<ul style="list-style-type: none">■ Sound may be muted. Press the MUTE button on the remote.■ Press the TV button on the remote, then press the VOL.+ button to increase the volume.
Audio noise	<ul style="list-style-type: none">■ Move any infrared equipment away from the TV.

SPECIFICATIONS

Model	26 inch LCD panel	32 inch LCD panel
Display Area	575.769 (H) x 323.712 (V)	697.685 (H) x 392.256 (V)
Display Resolution	1360 x 768 HD	1360 x 768 HD
Television System	PAL / SECAM ; NTSC	PAL / SECAM ; NTSC
Number of Colors	16.7 mil.	16.7 mil.
Viewing Angle	178 /178 ^o	178 /178 ^o
Brightness	500 cd/m ²	500 cd/m ²
Contrast Ratio	800:1	1000:1
Inputs/Output		
VIDEO Output /AUDIO(L/R) (optional)	YES	YES
SCART input/output (optional)	YES	YES
VIDEO input /AUDIO(L/R) (optional)	YES	YES
S-VIDEO input /AUDIO(L/R) (optional)	YES	YES
HDTV input/AUDIO(L/R) (optional)	YES	YES
VGA INPUT/AUDIO(L/R)	YES	YES
HDMI INPUT	YES	YES
TV	YES	YES
Speaker Out	2x8W	2x10W
Power Source(MAX)	100-240V~, 50/60Hz, 180W	100-240V~, 50/60Hz, 180W
Dimension(W x D x H) mm	730 x 220 x 570	875 x 270 x 695
Weight(Net)		

SPECIFICATIONS

Model	37 inch LCD panel	42 inch LCD panel
Display Area	819.6 (H) x 460.8 (V)	930.25 mmx 523.01 mm
Display Resolution	1360 x 768 HD Ready	1920 x 1080 FULL HD
Television System	PAL / SECAM ; NTSC	PAL / SECAM ; NTSC
Number of Colors	16.7 mil.	16.7 mil.
Viewing Angle	178 /178 ^o	178 /178 ^o
Brightness	500 cd/m ²	500 cd/m ²
Contrast Ratio	2500:1	2500:1
Inputs/Output		
VIDEO Output /AUDIO(L/R) (optional)	YES	YES
SCART input/output (optional)	YES	YES
VIDEO input /AUDIO(L/R) (optional)	YES	YES
S-VIDEO input /AUDIO(L/R) (optional)	YES	YES
HDTV input/AUDIO(L/R) (optional)	YES	YES
VGA INPUT/AUDIO(L/R)	YES	YES
HDMI INPUT	YES	YES
TV	YES	YES
Speaker Out	2x10W	2x10W
Power Source(MAX)	100-240V~, 50/60Hz, 220W	100-240V~, 50/60Hz, 280W
Dimension(W x D x H) mm	1015 x 290 x 745	1150 x 275 x 810
Weight(Net)		

SPECIFICATIONS

Model	47 inch LCD panel	52 inch LCD panel
Display Area	1039.68mm x 584.82mm	1152mm x 648mm
Display Resolution	1920 x 1080 FULL HD	1920 x 1080 FULL HD
Television System	PAL / SECAM ; NTSC	PAL / SECAM ; NTSC
Number of Colors	16.7 mil.	16.7 mil.
Viewing Angle	178 /178 ^o	178 /178 ^o
Brightness	500 cd/m ²	500 cd/m ²
Contrast Ratio	2500:1	2500:1
Inputs/Output		
VIDEO Output /AUDIO(L/R) (optional)	YES	YES
SCART input/output (optional)	YES	YES
VIDEO input /AUDIO(L/R) (optional)	YES	YES
S-VIDEO input /AUDIO(L/R) (optional)	YES	YES
HDTV input/AUDIO(L/R) (optional)	YES	YES
VGA INPUT/AUDIO(L/R)	YES	YES
HDMI INPUT	YES	YES
TV	YES	YES
Speaker Out	2x10W	2x10W
Power Source(MAX)	100-240V~, 50/60Hz, 220W	100-240V~, 50/60Hz, 280W
Dimension(W x D x H) mm	1220 x 325 x 870	1375 x 340 x 1005
Weight(Net)		

For the display modes listed below , the screen image has been optimized during manufacture.

RGB Mode

Dot X Line	Horizontal Frequency(kHz)	Vertical Frequency(Hz)
640X480	31.469	59.94
800X600	37.879	60.31
1024X768	48.363	60.00
1280X1024	63.981	60.02
1360X768	48.363	60.00
1920X1080	37.879	60.31



NA037-LN00

