

18.5" (47cm)

HD LED LCD TV COMBO

/ GVALED19J



Instruction Manual

12
MONTH

MANUFACTURER'S
WARRANTY

GVA

THE 'V' STANDS
FOR VALUE.

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Preface

Thank you for building this TV! Please read this manual thoroughly before operating the TV. Make sure the TV was not damaged in transit. Should the TV is damaged, do not install it and contact your dealer. Check that you have all the accessories according to the model.

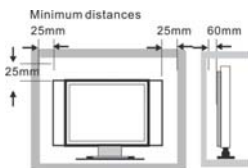
Safety Precautions



Put the TV on a stable surface.



Do not place any material on the TV.



Do not use the TV with fixtures other than those provided or suggested by the manufacturer.



Do not block or cover the ventilation openings on the TV. If you have a wall mount, check that it is steady.

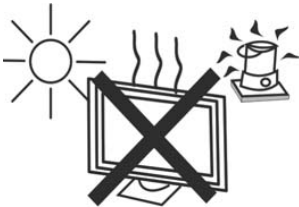
Safety Precautions (Cont.)



Power cord and cables must be properly routed and protected to prevent people from stepping on them and causing the TV to fall.



Keep the TV dry and away from humidity.

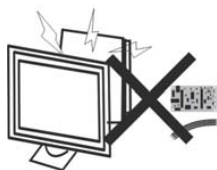


Keep the TV away from heat sources.



Unplug the TV before cleaning it. Do not use solvent or liquid to clean the TV. Once Clean the TV with soft and dry cloth.

Safety Precautions (Cont.)



In case of troubleshooting, do not use spare parts other than those suggested by the manufacturer. Using inadequate spare parts can lead to electric shocks, short-circuits fire or other incidents.



Unplug the TV during lightening storms or when unused for long periods of time.

Important Safety Instructions

Read this manual thoroughly before first use and keep it in a safe place for future reference, along with the warranty card, purchase receipt and carton. The safety precautions enclosed herein reduce the risk of fire, electric shock and injury when correctly adhered to.

Usage conditions and restrictions

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

- Take notice of all the warnings.
- Do not use this TV near water.
- Clean only with a dry cloth.
- Do not block any of the ventilation openings.
- Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other TV's (including amplifiers) that produce heat.
- Do not alter the grounding type plug provided with the TV. A grounding type plug has two blades and a third grounding prong. The third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the TV.
- Only use the attachments/accessories specified by the manufacturer.
- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the TV.
- Unplug this TV during lightning storms or when unused for long periods of time.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Young children should be supervised to ensure they do not play with the appliance.
- Refer all servicing to qualified service personnel. Servicing is required when the TV has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilt or objects have fallen into the TV, the TV has been exposed to rain or moisture, does not operate normally, or has been dropped.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

NOTE: The TV must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the TV.

Important Safety Instructions

Electrical safety, power cord and plug

- Before installing this TV set, make sure your outlet voltage corresponds to the voltage stated on the appliance rating label.
- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- Do not overload the power cord or power outlet.
- Do not let the cord hang over the edge of a table or counter, or touch any hot surface.
- Do not allow anything to rest on or roll over the power cord and signal cable.
- Protect the power cord and signal cable from being trampled.
- Do not expose the power cord and signal cable to moisture.

Position

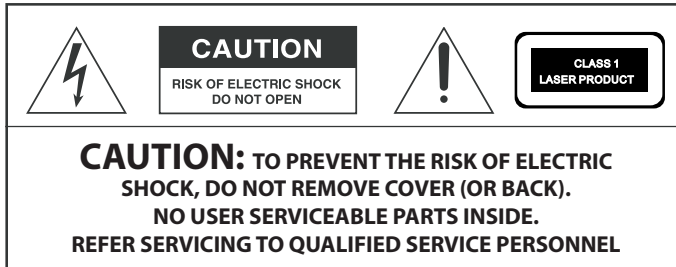
- If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
 - Securely attaching the TV to the wall mount fastened on the wall.
 - Only using furniture that can safely support the television.
 - Ensuring the television is not overhanging the edge of the supporting furniture.
 - Educating children about the dangers of climbing on furniture to reach the TV controls.
 - Not standing the TV on cloth or other materials placed between the television and supporting furniture.
 - Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- When deciding on where to put the TV set, make sure the place is:
 - Well ventilated.
 - Away from damp and cold.
 - Protected from overheating and away from direct sunlight.
 - Away from moisture drips or splashes.
 - Protected from excessive dust.
- Do not install this equipment in a confined space such as a bookcase or similar unit.
- Do not put any objects filled with liquids, such as vases, on top of the TV set.
- Do not place any naked flame sources, such as lighted candles, on top of the TV set.

Cleaning and maintenance

- Dust the TV set by wiping the screen and cabinet with a soft, clean cloth.

Important Safety Instructions

- Do not apply excessive force to the screen when cleaning.
- Do not clean the screen with water or chemical cleaners as this may damage the LED screen surface.
- Do not dismantle this product by yourself, as this may cause damage. There are no user-serviceable parts contained in the TV set.
- If your TV set has been damaged, contact the after sales support line for advice or take it to a local service centre for inspection or repair. No liability can be accepted for any damage caused by non-compliance with these instructions or any other improper use or mishandling of appliance.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the documentation accompanying this unit.

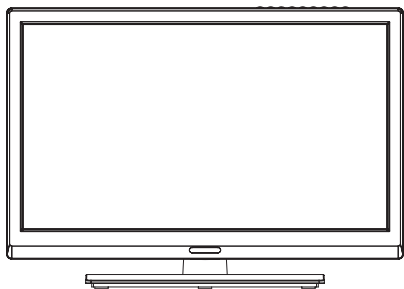
TV with Class 1 construction shall be connected to a main socket outlet with a protective earthing connection.

WARNING:

TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR AN ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

- CAUTIONS:**
- These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
 - Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

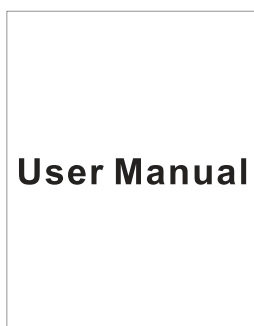
In the Carton



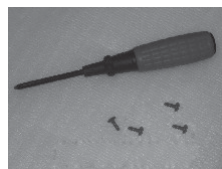
TV Set



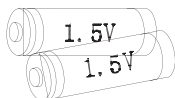
Remote Control



User Manual



Screwdriver and Screws



Two AAA Batteries

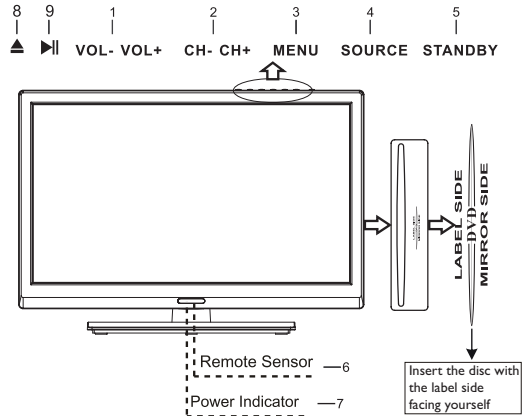


Power Adaptor

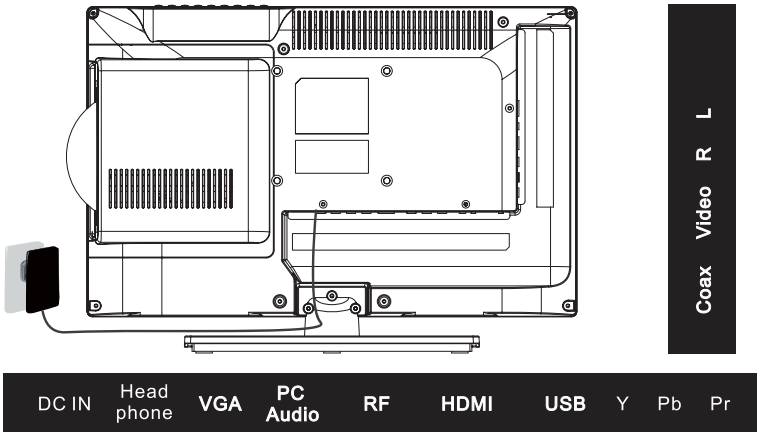
Connections and Functions

Front and Back Connection of LED TV

1. Press "STANDBY" button to turn standby mode on or off.
2. Press "SOURCE" to select the input source.
3. Press "MENU" to bring up the main menu on the screen.
4. Press "CH+" or "CH-" to scan through channels.
5. Press "VOL+" or "VOL-" to increase or decrease the volume.
6. POWER INDICATOR: Show red in standby mode, show green when your TV is switched on.
7. REMOTE SENSOR: Infrared sensor for the remote control.
8. Play / Pause program.
9. Load / eject DVD disc.



Back View and Control Connections

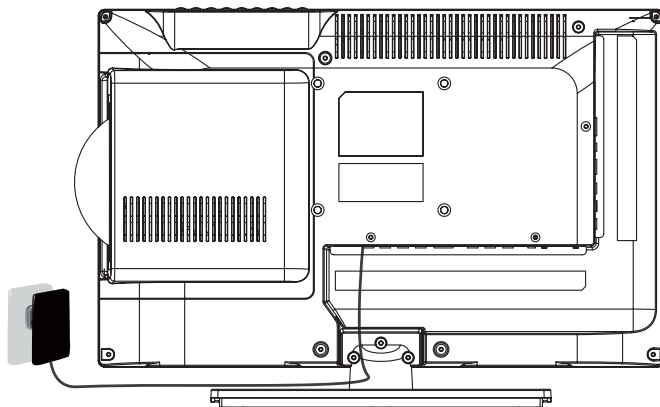


1. DC IN: Main power input.
2. Headphone: Connect the earphone.
3. VGA: Connect to a PC's PC-RGB output socket.
4. PC Audio: Connect to a PC's Audio output socket.
5. RF: Connection for the antenna plug.
6. HDMI: Connect to the HDMI output socket of a DVD player.
7. USB: Connect to portable USB storage device.
8. YPbPr: Connect to the (Component) output socket of a DVD Player.
9. Coax: Connect to an external digital audio device.
10. Video: Connect to a DVD player's VIDEO output socket.
11. R/L: Connect the R/L AUDIO output socket of DVD.

Basic Installation

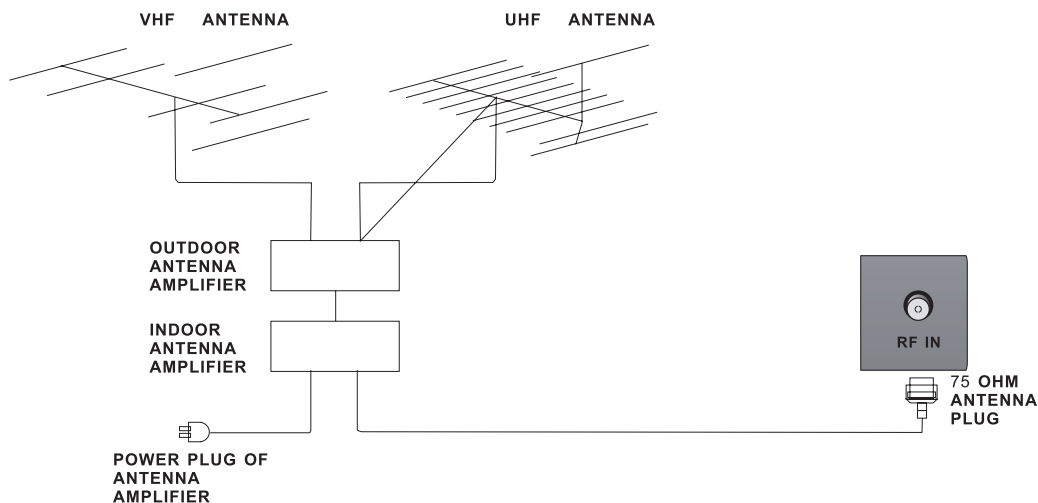
Power Cord Connection

- Connect the power cord correctly as shown.
- Press the STANDBY switch of your LED TV to switch the unit on. The power indicator on the front panel lights up in green.



Antennas Connection

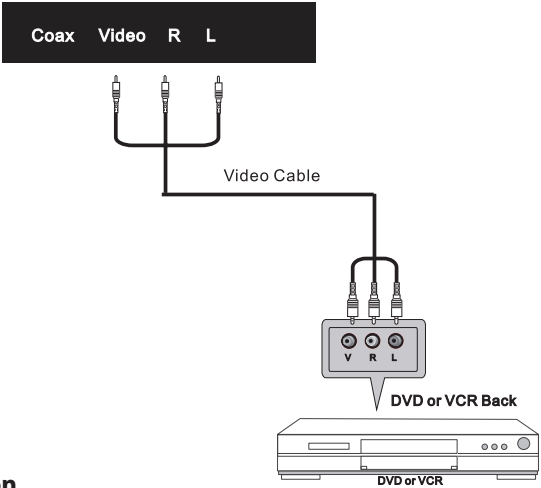
To ensure good picture and sound, TV antenna system needs to be installed. The antenna system as shown can be sourced from TV equipment shops, which will provide service for correct installation and connections. After installation, insert the 75-OHM antenna plug into the antenna socket as shown.



Basic Installation (Cont.)

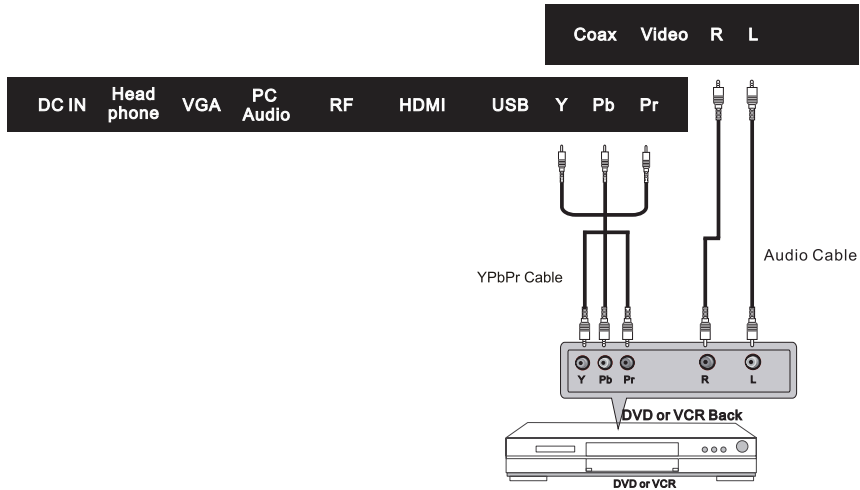
AV Connection

Connect the VIDEO and AUDIO output socket of the DVD or VCR to the AV IN socket on the set using the RCA cable (Yellow [video], White and Red [left and right audio]). Select the AV input source using the SOURCE button on the remote control.



YPbPr Connection

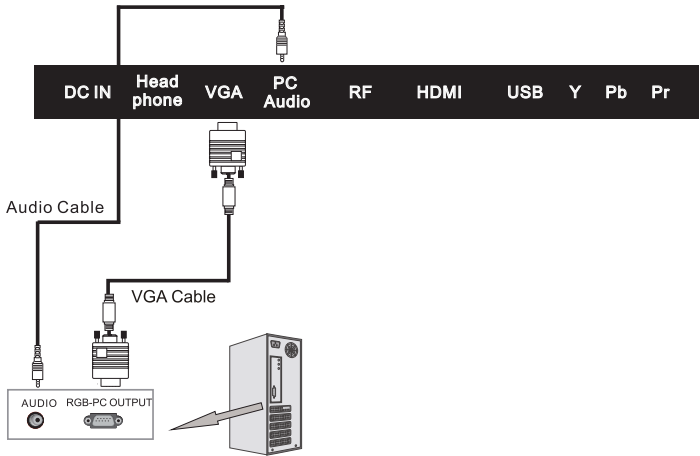
Connect the YPbPr output of the DVD or VCR to the YPbPr input on the TV. The picture quality is improved compared to connecting a regular VCR to the video input. Connect the Audio output of the DVD or VCR to the Audio input socket on the set using the RCA cable. Match the sockets' colours: Y is green, Pb is blue, Pr is red. Audio left is white and Audio right in red. Select YPbPr input source using the SOURCE button on the remote control.



Basic Installation (Cont.)

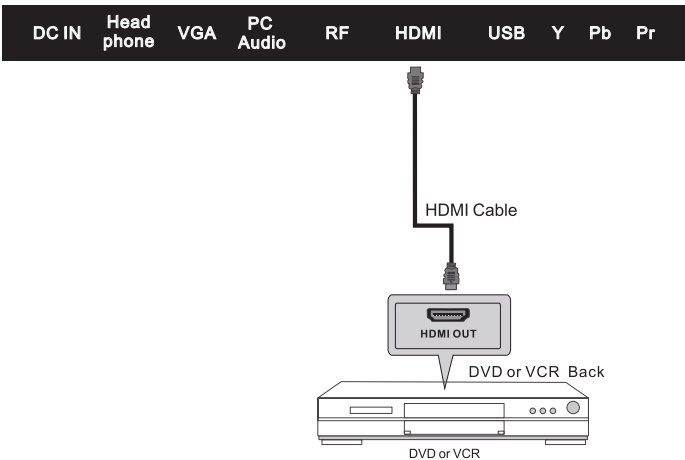
VGA (PC) Connection

Connect the RGB output of the PC to the VGA socket on the set. Connect the AUDIO output of the PC to the PC AUDIO socket on the set. Select the PC input source using the SOURCE button the remote control.



HDMI Connection

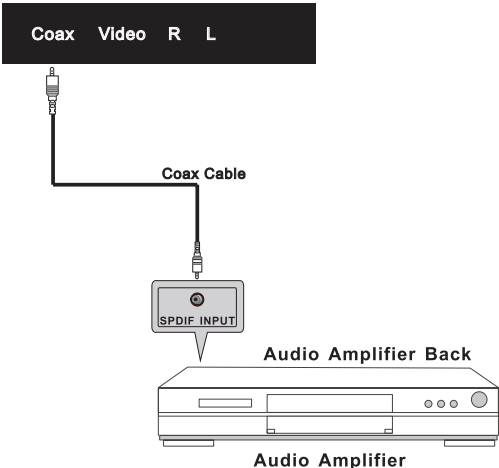
HDMI connection allows the user to transfer both audio and video control signals through one cable only. These signals are transferred in digital.



Basic Installation (Cont.)

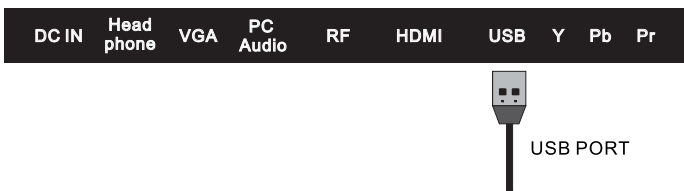
Coax Connection

Connect the Coaxial output of the TV to the Coaxial (S/PDIF) input on the amplifier. Your amplifier must have the corresponding decoding functions to decode the signal coming from the TV.



USB Connection

A portable USB device can be connected to the USB socket.



Remote Control

Remote control instruction TV mode



STANDBY: Press to turn the TV set on or off.

SOURCE: Press to cycle through the input source.

P.MODE: Select picture mode.

S.MODE: Select sound mode.

AUDIO: Select different audio modes.

SLEEP: Set the TV to sleep.

MUTE: Press to mute the sound. Press again or press V+ to unmute the TV.

0-9: TV channel number select.

-/- : Press this button to enter a program number for multiple program channel such as 2-1, etc.

↶↷: Return to the previous channel viewed.

FAV: Display your favourite channel list.

MENU: Brings up the main menu to the screen.

EXIT: Exit the main TV menu to the screen.

DISPLAY: Press to display the source and channel's information.

▲ / ▼ / ◀ / ▶ / OK: Allows you to move, select and setup the OSD options.

VOL+/-: Press to increase/decrease the sound level.

CH+/-: Press to scan through channels.

Remote Control (Cont.)

Remote control instruction in TELETEXT mode



NUMBER BUTTONS: Press 0-9 to select a teletext page.

TEXT: Press to switch between TV and Teletext mode.

COLOUR BUTTONS: Select for Preferred TELETEXT page.

HOLD: Freeze the current page.

SIZE: Change the picture size.

SUBTITLE: To display subtitle.

INDEX: Request index page when index link is valid.

FREEZE: Reveal or hide the hidden words.

ZOOM: Press this button to select the default screen size on your TV.

* Teletext or Austext is no longer available, nor is there any plan for a replacement teletext service in Australia. For more information, please visit the websites of the Australian channel providers. However, one teletext option, "closed captions", is still working on most Australian television channels. This service allows you to activate subtitles while watching normal television programs that provide it.

Remote Control (Cont.)

Remote control instruction in DTV mode



NUMBER BUTTONS: Press 0-9 to select a channel.

FAV: Press to display your favourite channel list.

MENU: Brings up the main DTV menu to the screen.

DISPLAY: Press display the source and channel's information.

▲ / ▼ / ◀ / ▶ / OK : Allows you to move, select and setup the OSD option.

CH+/-: Channel up/down.

COLOUR BUTTONS: Used in a few sub-menus.

SUBTITLE: To display subtitle.

▶|◀: PLAY/PAUSE in TIMESHIFT and MEDIA mode.

■: Stop in MEDIA mode or exit the REC mode.

◀◀ / ▶▶: Fast reverse and forward key in MEDIA mode.

◀◀ / ▶▶: Jump to previous and next track in MEDIA mode.

SIZE: Change the picture format.

EPG: Lanuches the EPG (Electronic Program Guide).

MEDIA: Press to select MEDIA mode.

TV/Radio: Select TV or Radio modes.

● (REC): Record the program in DTV mode.

Remote Control (Cont.)

Remote control instruction in DVD mode



▲: Press to eject the disc.

NUMBER BUTTONS: Press 0-9 to select the DVD Chapter.

DISPLAY: Press to display the DVD information on DVD.

D.SETUP: Press to access DVD setup menu.

▲ / ▼ / ◀ / ▶ / OK : Allows you to move, select and setup the DVD option.

GOTO: Press to access the GOTO menu.

A-B: This button enables you to repeat a selected section from the disc.

REPEAT: Press REPEAT to cycle through the repeat play options.

SUBTITLE: To display subtitle.

TITLE: When DVD is playing, brings up the Title Menu.

D.MENU: Access to DVD disc menu.

AUDIO: AUDIO selection buttons in DVD mode.

▶||: PLAY/PAUSE in DVD mode.

■: Stop DVD playing.

◀ / ▶: Fast reverse and forward key in DVD mode.

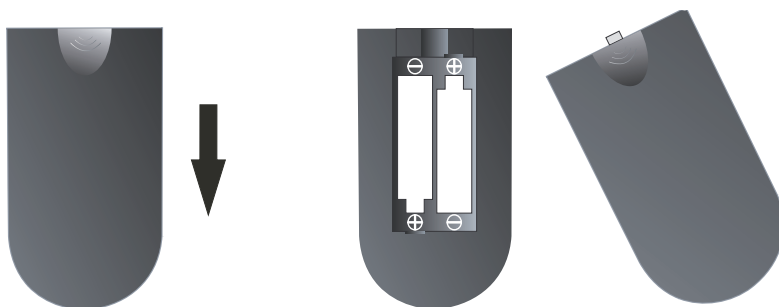
◀◀ / ▶▶ : Jump to previous and next track/chapter in DVD mode.

Remote Control Setup

1. Open the cover.
2. Your remote requires 2X AAA Batteries. When inserting the batteries, make sure correct polarity marks "+" and "-" on the batteries match the diagram as shown within the battery compartment.
3. Replace the battery cover.

To prevent battery leakage which may result in bodily injury or damage to the remote:

1. Install all batteries correctly, and as marked on the remote control.
2. Do not mix batteries: (OLD and NEW or CARBON and ALKALINE, etc) Remove batteries when the remote is not used for a long time.
3. Recommend using ALKALINE type batteries.



Basic Operation

Selecting Input Source



Basic Operation

Press SOURCE button on the remote control to display the input source list.

Press ▲ / ▼ button to select the input source you want to watch.

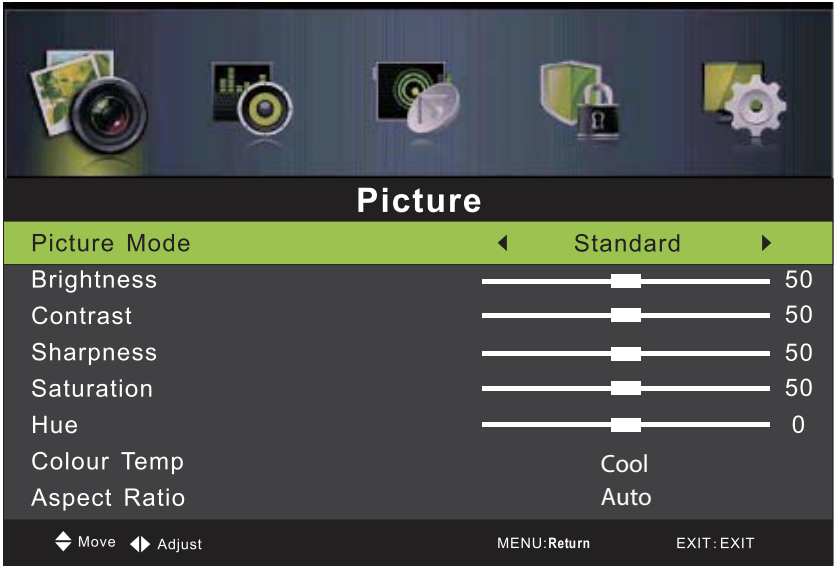
Press OK button to enter the input source.

Press EXIT button to quit.

Basic Operation (Cont.)

Picture Menu

Press MENU button to display the main menu.
Press ◀/▶ button to select PICTURE in the main menu, it will highlight the first operation.



1. Press ▲/▼ button to select the option that you want to adjust in the PICTURE menu.
2. Press ◀/▶ button to adjust.
3. After finishing your adjustment, press MENU button to return back to the previous menu.

Picture Mode

Press▲/ ▼ button to select Picture Mode, then press OK button to enter sub-menu.
Press ▲/ ▼ button to select. (Available Picture mode: Dynamic, Standard, Mild, Personal).

You can change the value of contrast, brightness, color and sharpness when the picture is in Personal mode. TIPS: You can press PMODE button on the remote control to change the Picture Mode directly.

Brightness

Press ▲/ ▼ button to select Brightness, then press OK button to enter sub-menu. Press ◀/▶ button to adjust.

Contrast

Press ▲/ ▼ button to select Contrast, then press OK button to enter sub-menu. Press ◀/▶ button to adjust.

Basic Operation (Cont.)

Sharpness

Press ▲/▼ button to select Sharpness, then press ◀/▶ button to adjust.

Saturation

Adjust the saturation of the color based on your own preference.

Hue

Use in compensating colour changed with the transmission in the NTSC system.

Colour Temp

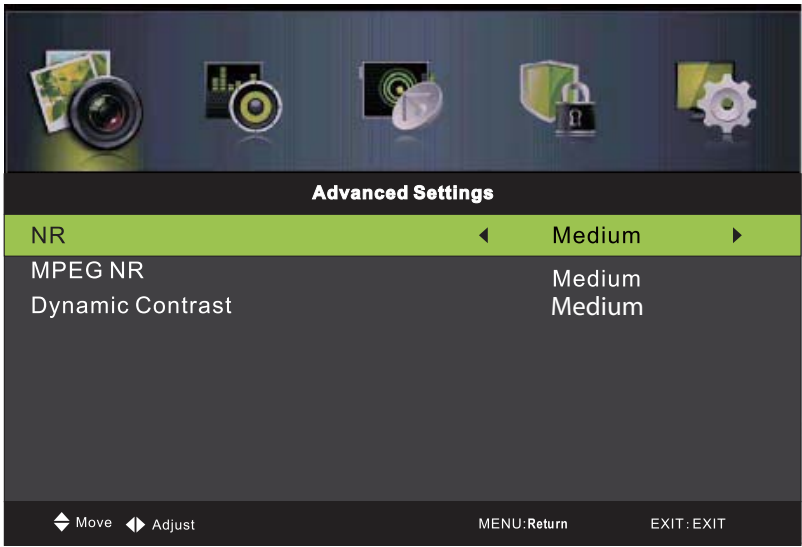
Press ▲/▼ button to select Color Temperature, then press ◀/▶ button to select. (Available Color Temperature: Normal, Cool, Warm).

Aspect Ratio

Press ▲/▼ button to select Aspect Ratio, then press ◀/▶ button to select. (Available Aspect Ratio: Auto, Zoom1, Zoom2, 4:3, 16:9).

Basic Operation (Cont.)

Advanced Settings



NR(Noise Reduction)

Press ▲ / ▼ button to select NR(Noise Reduction), then press ◀ / ▶ button to select. (Available options: Off, Weak, Medium, Strong).

MPEG NR(Noise Reduction)

Press ▲ / ▼ button to select MPEG NR(Noise Reduction), then press ◀ / ▶ button to select. (Available options: Off, Weak, Medium, Strong).

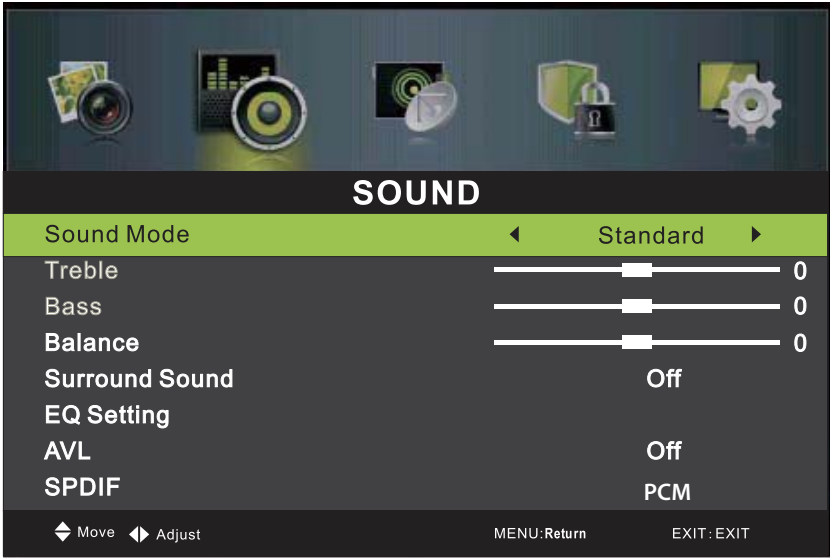
Dynamic Contrast

Press ▲ / ▼ button to select Dynamic Contrast, then press ◀ / ▶ button to select. (Available options: Off, Weak, Medium, Strong).

Basic Operation (Cont.)

Sound Menu

Press MENU button to display the main menu.
Press ▲ / ▼ button to select SOUND in the main menu, it will highlight the first option.



1. Press ▲ / ▼ button to select the option that you want to adjust in the SOUND menu.
2. Press ◀ / ▶ button to adjust.
3. After finishing your adjustment, press MENU button to return back to the previous menu.

Sound Mode

Press ▲ / ▼ button to select Sound Mode, then press OK button to enter sub-menu.
Press ▲ / ▼ button to select. (Available Sound mode: Standard, Music, Movie, Personal).
You can change the value of Treble and Bass when the sound is in Personal mode.
TIPS: You can press SMODE button on the remote control to change the Sound Mode directly.

Treble

Press ▲ / ▼ button to select Treble, then press OK button to enter sub-menu. Press ◀ / ▶ button to adjust.

Bass

Press ▲ / ▼ button to select Bass, then press OK button to enter sub-menu. Press ◀ / ▶ button to adjust.

Basic Operation (Cont.)

Balance

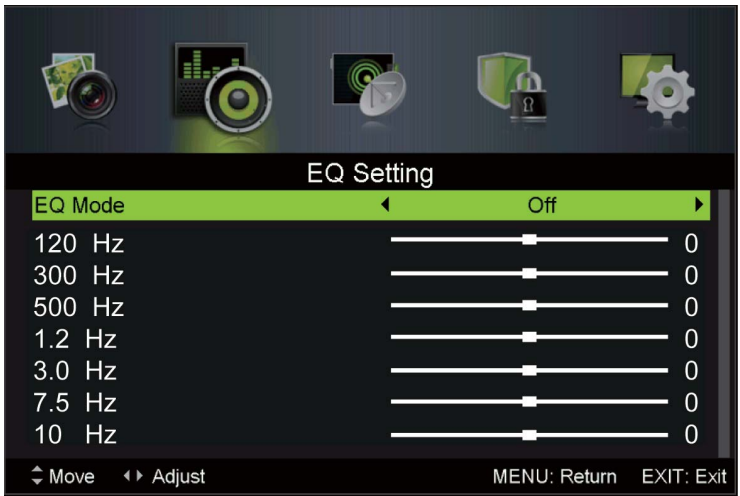
Press ▲ / ▼ button to select Balance, then press OK button to enter sub-menu. Press ◀ / ▶ button to adjust.

Surround Sound

Press ▲ / ▼ button to select Surround Sound, then press ◀ / ▶ button to select On or Off.

EQ Setting

Press ▲ / ▼ button to select EQ Setting, then press OK / ▶ button to enter submenu.



AVL (Auto Volume Level)

Press ▲ / ▼ button to select AVL, then press Press ◀ / ▶ button to select On or Off.

S/PDIF

Press ▲ / ▼ button to select S/PDIF, then press Press ◀ / ▶ button to select Off, Auto, PCM.

Audio Description

Press ▲ / ▼ button to select Audio Description, then press OK / ▶ button to enter submenu.

Basic Operation (Cont.)

Audio Description

Press ▲ / ▼ button to select Audio Description, then press ◀ / ▶ button to select.



Sound Type

Press ▲ / ▼ button to select Sound Type, then press ◀ / ▶ button to select sound type options (Available sound type: Stereo, Dual I, Dual II, Mixed).

Basic Operation (Cont.)

Channel Menu

Press MENU button to display the main menu.
Press ◀/▶ button to select CHANNEL in the main menu, it will highlight the first option.



1. Press ▲/▼ button to select the option that you want to adjust in the CHANNEL menu.
2. Press ◀/▶ button to adjust.
3. After finishing your adjustment, press MENU button to return back to the previous menu.

Auto Scan

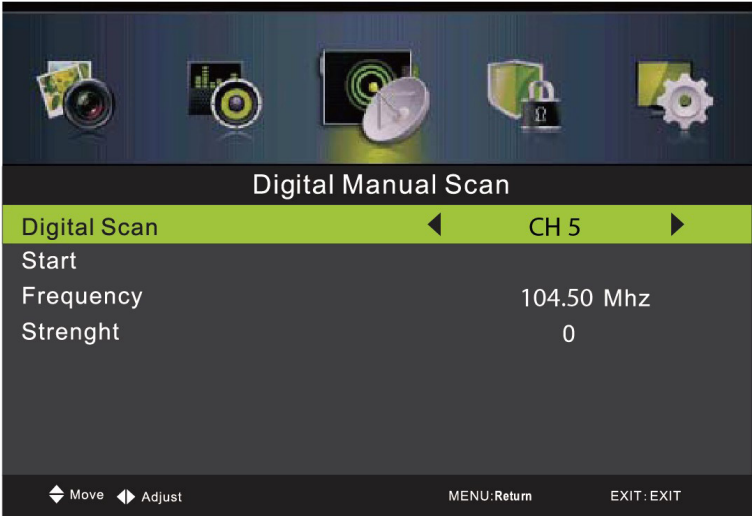
Press ▲/▼ button to select Auto Scan, then press Ok /▶ button to enter submenu. (The default password is 0000)



Basic Operation (Cont.)

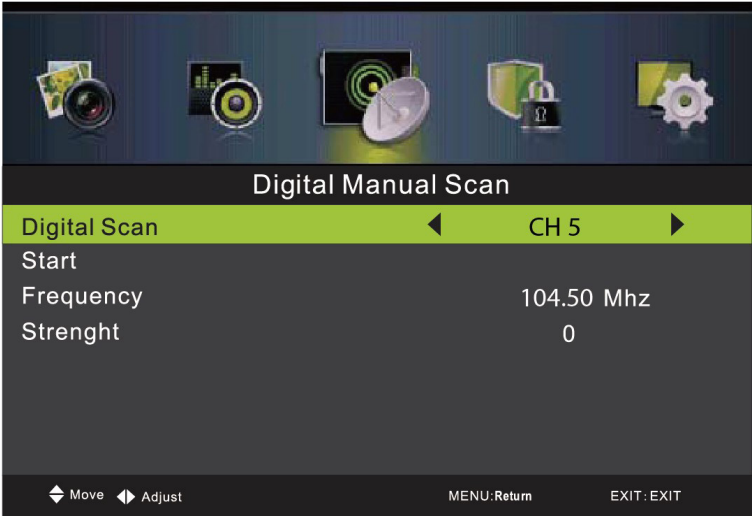
Manual Scan

Press ▲ / ▼ button to select Manual Scan, then press Ok / ► button to enter submenu.



Digital Manual Scan

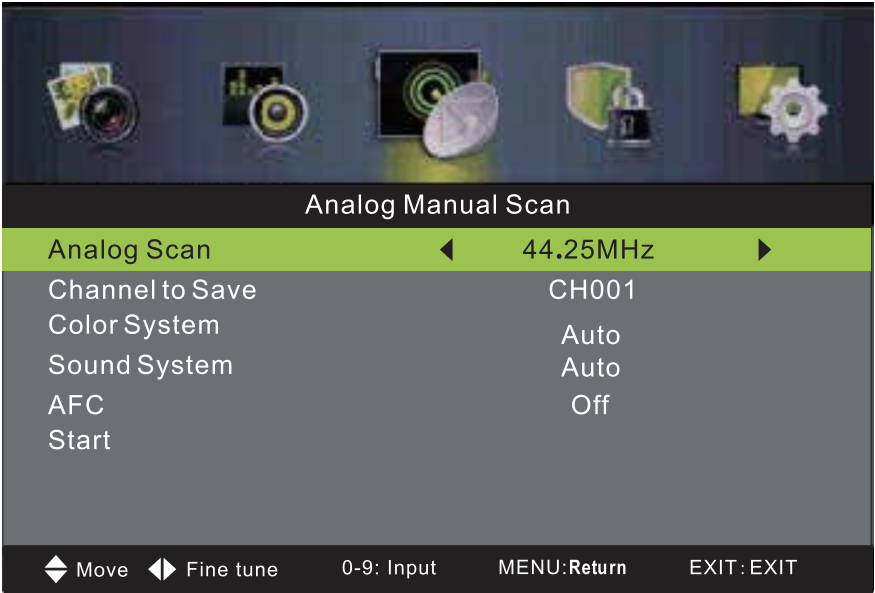
Press ▲ / ▼ button to select Digital Manual Scan, then press Ok / ► button to enter submenu.



Basic Operation (Cont.)

Analog Manual Scan

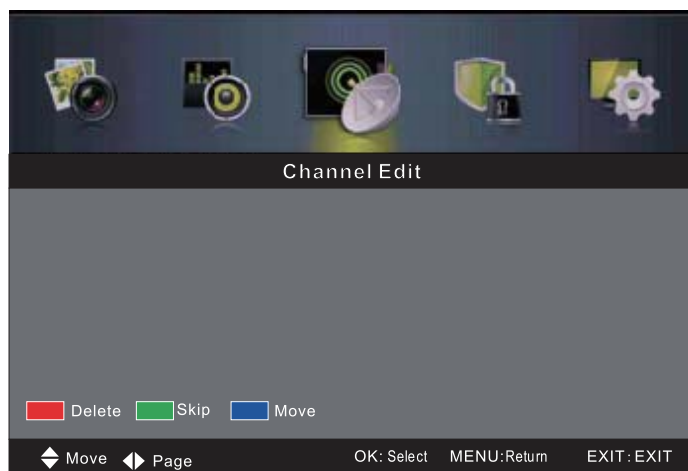
Press ▲ / ▼ button to select Analog Manual Scan, then press Ok / ► button to enter submenu.



Basic Operation (Cont.)

Channel Edit

Press ▲ / ▼ button to select Channel Edit, then press Ok / ► button to enter submenu.



■ ■ ■ The three colored keys are the shortcut keys for programming the channel list.

First press ▲ / ▼ to highlight the channel you want to delete or move or skip, then:

Press the Red button to delete the channel.

Press the Green button to skip the select channel.

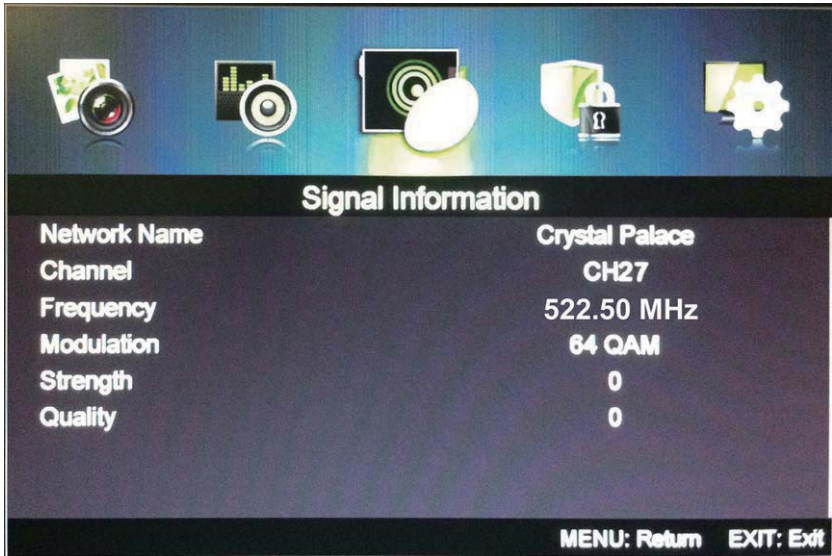
(Your TV set will skip the channel automatically when using CH+/- to view the channels.)

Press the Blue button to set the channel to moving state, then press ▲ / ▼ to move it to the position you want to put, then press the blue button again to confirm the position.

Basic Operation (Cont.)

Signal Information

Press ▲ / ▼ button to select Signal Information, then press Ok / ► button to select the detailed information about the signal. Only available when there is signal under DTV.



Basic Operation (Cont.)

Lock Menu

Press MENU button to display the main menu.
Press ▲ / ▼ button to select LOCK in the main menu, it will highlight the first option.



1. Press ▲ / ▼ button to select the option that you want to adjust in the LOCK menu. (Default Password: 0000)
2. Press ▲ / ▼ button to adjust.
3. After finishing your adjustment, press MENU button to return back to the previous menu.

Enter Password

Press ▲ / ▼ button to select Enter Password, then press OK button to make the following 4 options valid. (Default password is '0000')

Enable

Press ▲ / ▼ button to select Enable, then press Press ◀ / ▶ button to select On or Off. Channel Locks, Parental Rating and Lock Keypad are available when Enable is On.

Channel Locks

Press ▲ / ▼ button to select Channel Locks, then press Ok / ▶ button to enter submenu.

Basic Operation (Cont.)



Parental Rating

Press ▲/▼ button to select Parental Rating, then press ◀/▶ button to select.

Lock Keypad

Set to prevent it from being used by young children, or other unexpected usage.

Press ▲/▼ button to select Lock Keypad, then press ◀/▶ button to select On or Off.

Basic Operation (Cont.)

Hotel Mode

Press ▲ / ▼ button to select Hotel Mode, then press Ok / ► button to enter submenu.

Hotel Mode	
Active Hotel Mode	On
Max Vol.	100
Default Vol.	20
Source Lock	
Default Source	DTV
Default Dtv Program	001
Default Atv Program	--
Backup To USB	
Restore From USB	
Recall	
◆ Move ◀ Adjust MENU: Return EXIT: EXIT	

New Password

Press ▲ / ▼ button to select New Password, then enter a 4 digit number you want to set as password. Repeat 4 digit number to confirm new password.

Clear Lock

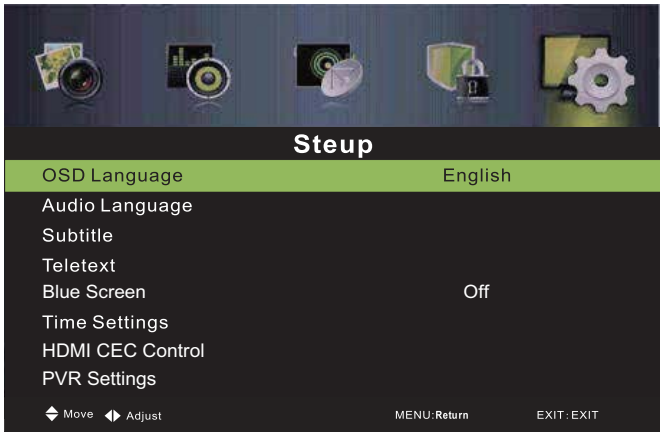
Press ▲ / ▼ button to select Clear Lock, then press ◀ / ► button to select.

NOTE: The default password is "0000" (Administrator password is "4711").

Basic Operation (Cont.)

Setup Menu

Press MENU button to display the main menu.
Press ◀/▶ button to select SETUP in the main menu, it will highlight the first option.



OSD Language

Press ▲/▼ button to select OSD Language, then press OK button to enter submenu.
Press ▲/▼/◀/▶ button to select OSD language.

Auto Language

Press ▲/▼ button to select Auto Language, then press Ok button to enter submenu.
Press ▲/▼/◀/▶ button to select the Audio Primary Language and Audio Secondary Language.



Basic Operation (Cont.)

Subtitle

Press ▲ / ▼ button to select Subtitle, then press Ok button to enter submenu.



Teletext

Adjust Teletext settings. Only available under DTV and ATV source.

Press ▲ / ▼ button to select Teletext, then press Ok / ► button to enter submenu.



Under DTV source, press ◀ / ▶ button to select Digital Teletext Language.

Under ATV source, press ◀ / ▶ button to select Decoding Page Language.

Blue Screen

Press ▲ / ▼ button to select Blue Screen, then Press ◀ / ▶ button to select On or Off.

Time Setting

Press ▲ / ▼ button to select Time Setting, then press Ok button to enter submenu.



Basic Operation (Cont.)

HDMI CEC Control

Press ▲ / ▼ button to select HDMI CEC Control, then press OK button to enter submenu.



HDMI CEC Control

Press ▲ / ▼ button to select HDMI CEC Control, then press ◀ / ▶ button to select ON to make the following 3 options valid.

ARC (Audio Return Channel)

Press ▲ / ▼ button to select ARC, then press ◀ / ▶ button to select On or Off.

CEC Menu Control

Press ▲ / ▼ button to select CEC Menu Control, then press OK / ▶ button to enter submenu.

Home Menu

When selecting this, TV will show the Home Menu of connected CEC equipment.

Option

When selecting this, TV will show the Option menu of connected CEC equipment.

Content

When selecting this, TV will show the Disc menu of connected CEC equipment.

Device List

Press ▲ / ▼ button to select Device List, then press OK / ▶ button to enter submenu. This menu shows all the CEC devices that's connected with the TV. Users can refresh the CEC device list by access this menu, or choose a CEC device from the list.

PVR and Timeshift Operation

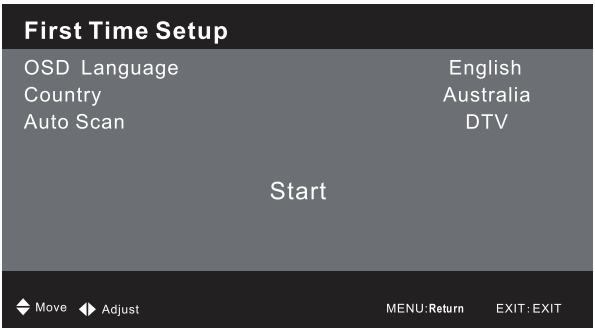
PVR Setting

Press ▲ / ▼ button to select PVR SETTING, then press Ok button to enter submenu. It will check the USB.



First Time Setup

Press ▲ / ▼ button to select First Time Setup, then press Ok button to enter. (Default Password is 0000).

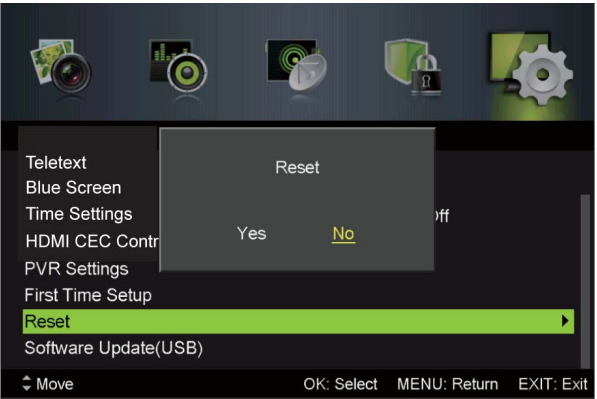


Reset

Press ▲ / ▼ button to select Reset, then press Ok button to enter. Select "Yes" if you are sure to reset.

Software Update (USB)

Use ▲ / ▼ the button to select this option, then press OK button to update software using USB.



PVR and Timeshift Operation (Cont.)

USB Device Setup

Before use the Recording and Timeshift functions, you should insert a USB device and format it in the USB Host port at the connection panel of the TV set.

IMPORTANT: The setup will format the USB device, therefore all the data stored in the device will be lost. We strongly recommend to save the content of your USB device to your PC before starting configuration.

Press MENU button to access the PVR SETTINGS menu under the SETUP submenu. Use the ◀/▶ button and then press OK button to select and access the DEVICE LIST interface. Follow the next steps to format the USB device:

Use ▲/▼ button to select the disk partition that you wish to use for Recording and Timeshift functions, and then press the RED button to start formatting the selected partition.



Wait until the process ends and then press the EXIT button to exit the settings menu. The USB device will be ready to start using the Recording and Timeshift functions.

PVR and Timeshift Operation (Cont.)

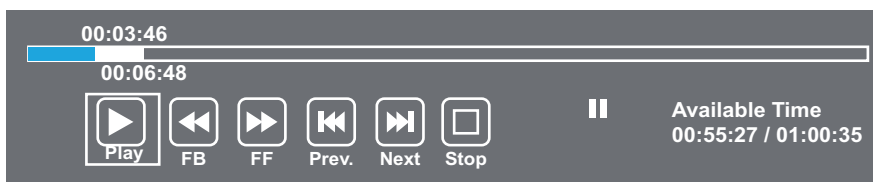
Timeshift

Using Timeshift function you will be able to pause a live broadcast and move backwards and forwards in the TV transmission.

To start the Timeshift function press PLAY/PAUSE button on the remote control. The image will freeze and the buffer will start to store information. The available buffer time will depend on the quality of the broadcasting and the free space on the USB device.

Press PLAY button to start viewing the programme from the point it was paused, and use the remote keys assigned to playback mode to perform playing functions such as fast forward, rewind, pause, etc.

When watching a TV program in Timeshift mode, the following information will be displayed on the screen:



The progress bar, on top of the information window, shows in blue color the elapsed time, and in white color the remaining program time stored. The current playing time and the total time stored are displayed at the right side of the progress bar. The total buffer available time is displayed below.

To finish Timeshift function, press STOP button, or just switch to another channel.

PVR and Timeshift Operation (Cont.)

Instant Recording

Using Recording function you will be able to record from the DTV input.

To start the Recording function press REC button on the remote control and the unit will start recording the current programme. The following information will be displayed at the left upper side of the screen:



In this interface, the time already recorded and the total recording time available in the USB disk are displayed. To finish Recording function, press STOP button, or just switch to another channel.

Timer Recorder

Press the REC button to schedule the recording of the programme selected at the EPG programmes list. Follow the on-screen instructions to choose the recording frequency, vary the channel and adjust the start and end date and time if you wish. Press the MENU button to return to the previous window, or press the EXIT button to leave the interface.



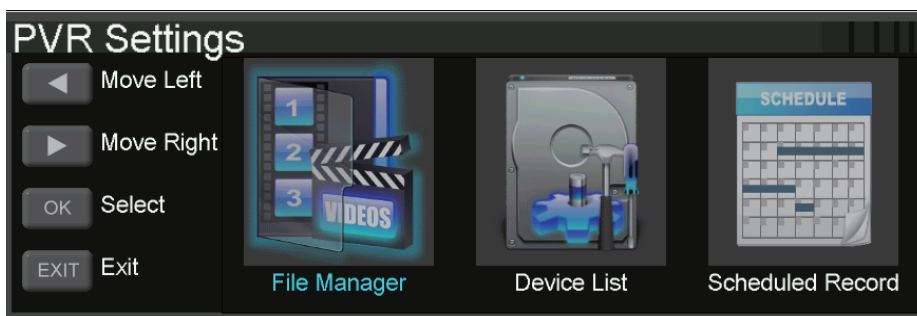
PVR and Timeshift Operation (Cont.)

Playlist

Press MENU button to access the PVR SETTINGS menu under the SETUP submenu, from this menu you may play the recorded TV programs, as well as access the scheduled recordings list.



Press ◀/▶ buttons to choose the File Manager and press OK to access. Follow the on-screen instructions to play the TV programs stored. Press the MENU button to return to the previous window, or press the EXIT button to leave the interface.



Press ◀/▶ buttons to choose the Scheduled Record and press OK to access. Use the ▲/▼ buttons to choose a group and follow the on-screen instructions to schedule a recording. Press the MENU button to return to the previous window, or press the EXIT button to leave the interface.

EPG (Electronic Program Guide)

EPG Function -Electronic Programme Guide

Lets you check information about broadcasting programmes on the screen (schedules, programmes, contents description...) as well as schedule recordings and reminders.

Press EPG button in the remote control unit, and the following interface will be displayed at the screen:



Press the BLUE button to schedule a reminder for the programme selected at the programmes list. Some seconds before the beginning of the programme, on the screen will be displayed a message advising that the channel is near to be switched.

Follow the on-screen instructions to choose the reminding frequency, vary the channel, adjust the start / end date and time if you wish. Press the OK button to return to the previous window, or press the EXIT button to leave the interface.

Press the REC button to schedule the recording of the programme selected at the programmes list.

Follow the on-screen instructions to choose the recording frequency, vary the channel, adjust the start / end date and time if you wish. Press the MENU button to return to the previous window, or press the EXIT button to leave the interface.

ATV / HDMI / AV / YPbPr / PC

1. PC Setting in PICTURE menu is available in PC Input only. Screen Mode in PICTURE menu and HDMI CEC Control in SETUP menu is available in HDMI Input only.
2. Audio Description and Sound Type in AUDIO menu is valid only in DTV mode.
3. HDMI/AV/YPbPr/PC mode has no CHANNEL menu.
4. Parental Rating and Channel Locks in PARENTAL CONTROL menu is invalid for HDMI/AV/YPbPr mode. Parental Rating is invalid for ATV mode. PC mode has no PARENTAL CONTROL menu.
5. Audio Languages, Subtitle and PVR Settings in SETUP option are invalid for AV/PC mode. Audio Languages, Subtitle, Teletext PVR Settings in SETUP option are invalid for HDMI/YPbPr mode.

Multi-Media Menu Operation

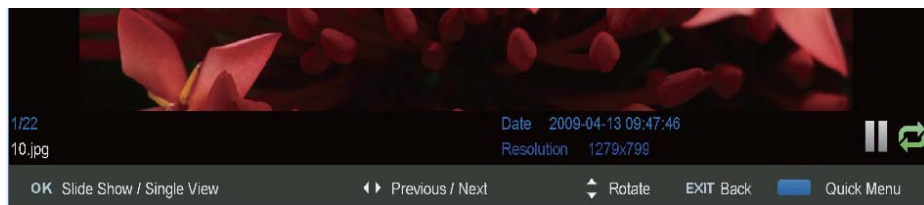
Before operating USB menu, plug in USB device, then press SOURCE button to set the Input Source to USB. Press ◀/▶ button to select USB in the Source menu, then press Ok button to enter.



Press ◀/▶ button to select the option you want to adjust in the main USB manu, then press Ok button to enter.

Photo

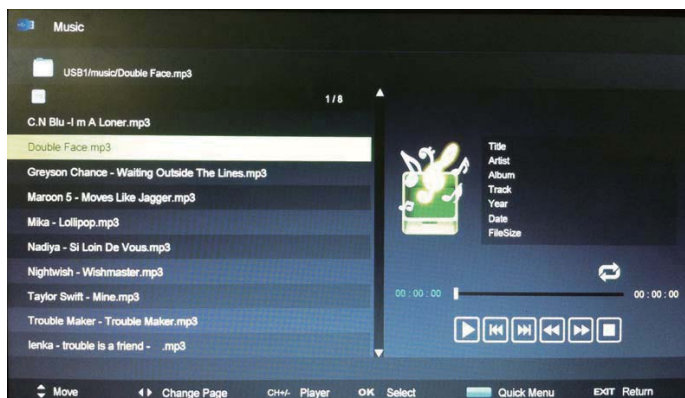
Press ◀/▶ button to select PHOTO in the main menu, then press OK button to enter.
 Press ◀/▶ button to select drive disk you want to watch, then press OK button to enter.
 Press ◀/▶ button to select folder or file you want to watch, then press OK button to confirm.
 Press Exit button to go back to the previous menu.



Multi-Media Menu Operation (Cont.)

Music

Press ◀/▶ button to select MUSIC in the main menu, then press OK button to enter.
 Press ◀/▶ button to select drive disk you want to watch, then press OK button to enter.
 Press ◀/▶ button to select folder or file you want to watch, then press OK button to confirm.
 Press Exit button to go back to the previous menu.



When highlighting the option you select, the file information will appear on the right.

Movie

Press ◀/▶ button to select MOVIE in the main menu, then press OK button to enter.
 Press ◀/▶ button to select drive disk you want to watch, then press OK button to enter.
 Press ◀/▶ button to select folder or file you want to watch, then press OK button to confirm.
 Press Exit button to go back to the previous menu.



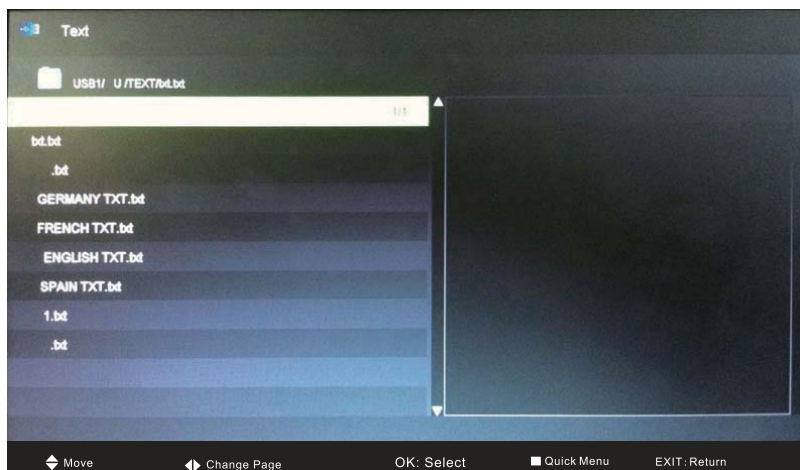
Multi-Media Menu Operation (Cont.)

Text

Press ◀/▶ button to select TEXT in the main menu, then press OK button to enter.

Press ◀/▶ button to select drive disk you want to watch, then press OK button to enter.

Press ◀/▶ button to select folder or file you want to watch, then press OK button to confirm. Press Exit button to go back to the previous menu.



When highlighting the option you select, the file information will appear on the right.



DVD Function

General Setup Page

Press the D.SETUP button and then press the ◀/▶ button to display the system setup menu page when in DVD mode.

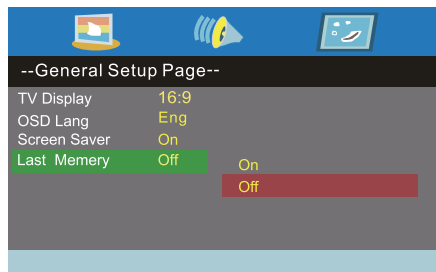
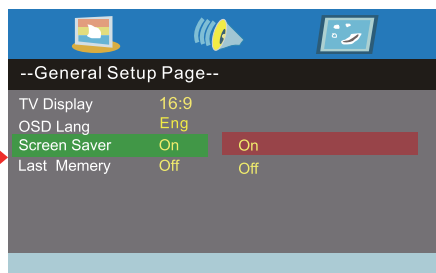
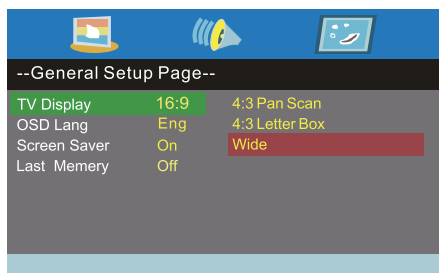
Press ▲/▼ button to move the highlight to select the following option.

Press the ▶ button to enter the following menu and use the ▲/▼ button to select a menu item.

Press the OK button to confirm.

Press ◀ button to go back to the previous menu level.

Press the D.SETUP to exit the DVD setup menu.



DVD Function (Cont.)

Audio Setup Page

Press the D.SETUP button and then press ◀/▶ to display the audio menu page when in DVD mode.

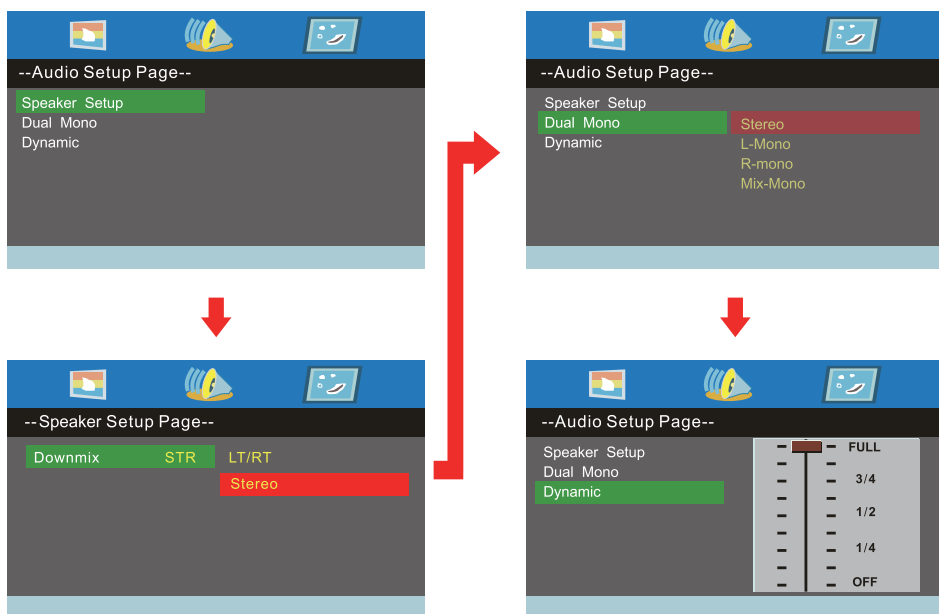
Press ▲/▼ button to move the highlighted to select the following option.

Press ▶ button to enter the following menu and use the ▲/▼ button to select a menu item.

Press the OK button to confirm.

Press ◀ button to go back to the previous menu level.

Press the D.SETUP to exit the DVD setup menu.



Preference Page

Press the D.SETUP button and then press ◀/▶ button to display the preference page when in DVD mode.

Press ▲/▼ button to move the highlight to select the following option.

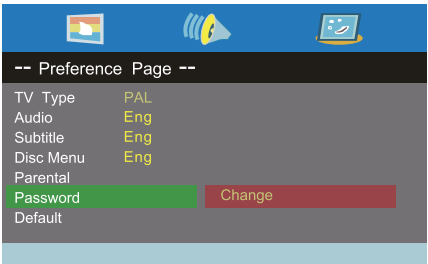
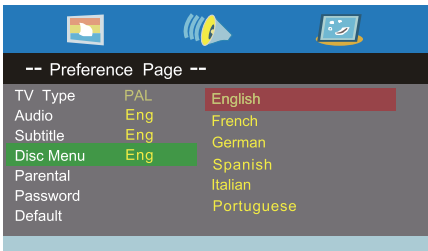
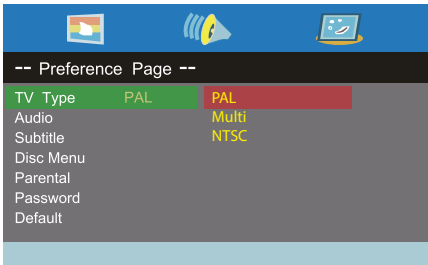
Press ▶ button to enter the following menu and use ▲/▼ button to select a menu item.

Press the OK button to confirm.

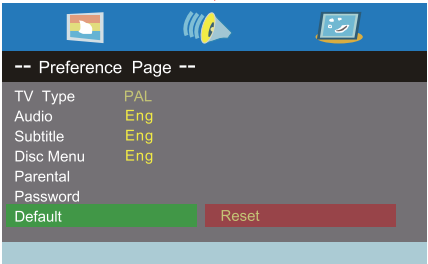
Press ◀ button to go back to the previous menu level.

Press the D.SETUP to exit the DVD setup menu.

DVD Function (Cont.)



(The default password is 0000.)
(The administrator password is 4711.)



Specifications

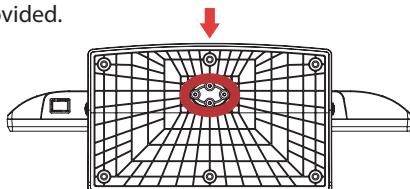
MODEL	GVALEDC19J
Panel System	18.5" (47cm) HD LED panel
Display Resolution	1366 x 768
Television System	PAL
Aspect Ratio	16:9
Display Colours	16.7M Colours
Contrast	1000:1
Viewing Angle	170 (H) / 160 (V)
Backlight Life	50,000 hours
Pixel Pitch	0.3 (H) x 0.3 (V)
Response Time	5ms
HDMI Input	1
Speaker consumption	L/R 2x3W
Voltage	DC12V 3A
Rated Power consumption	20W

This manual is only for your reference, any change to the design and specification will not be advised.

Wall Mounting Instructions

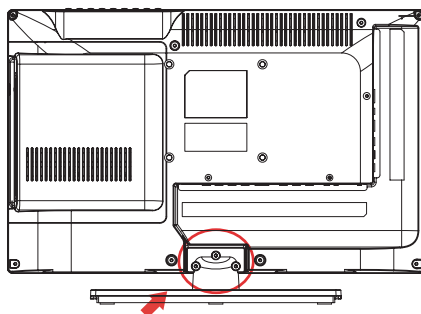
Attaching the base

Place the screen face down on a protective surface. Place the stand on the neck of the TV and insert metal disc and tighten the screws (found in the accessories box) in the circled area with the screw drive provided.



Remove the Stand

To remove the stand, remove the screws in the circled area and the neck will come off.

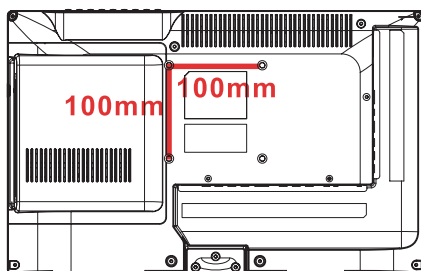


Wall-mounting the Device

If you are mounting the device, please consult a qualified installer for further instructions on bracket support and wall support.

Mount Specification: 100 mm x 100 mm using screw size M4 (not supplied). Length of screw should not exceed 10 mm.

Please note: The 10 mm length of screw refers to how deep the screw can go inside the mounting holes.



When you are buying screws, you should add the original 10mm to the thickness of your mounting plate in order to get the total screw length.

Care and Maintenance

Maintaining your TV

If you clean your TV carefully and regularly, it helps your TV to last longer. Make sure you turn the power off and unplug the power cord on your TV before you begin to clean it.

Cleaning the screen

1. Here's a great way to keep the dust off your screen. Wet a soft cloth in a mixture of lukewarm water and a small amount of fabric softener or washing-up liquid. Wring the cloth until it's almost dry and then use it to wipe the screen.
2. Make sure there is no excess water on your TV when you have finished cleaning it.

Cleaning the plastic parts of your TV

Wipe the plastic parts of your TV with a soft, dry, lint-free cloth. Do not use a wet cloth.

If you are going to be away for a while



If you are not going to use your TV for a while (such as when you go on holiday), you should unplug the power cord from the socket and disconnect your aerial to protect your TV against possible damage from lightning or power surges.

FAQs

Problem	Action
No picture, no sound	1. Check that you have connected the TV power cord properly and switched the wall socket on. 2. Check that you have turned on the POWER button on your TV. 3. Check the picture contrast and brightness setting.
Normal Picture, but no sound	1. Check that your TV is not muted or has the volume down. 2. Switch the channel, the problem may be with the channel you're on, not the TV. 3. Check that your audio cable input has been plugged in properly, if you are using an external amplifier.
Remote control does not work	1. Check to see if there is any object between your TV (such as a piece of furniture) that could block the remote control from connecting with the sensor on your TV. 2. Have you put the batteries into the remote control the right way? (+ to + and - to -) 3. Check that the TV is not positioned in bright sunlight. 4. Try fitting new batteries if none of the above work.
TV turned off suddenly	1. Check that you have not set the sleep timer. 2. Check that you have not set the timer to control the socket which has your TV power cord on. 3. Check that you have not set auto standby with the broadcast signal source which is connected to your TV.
Picture appear slowly after TV switched on	This is normal. The image takes a few seconds to appear after you have switched the TV on. Please contact your service centre if picture has not appeared after five minutes.

FAQs

Problem	Action
No Colour, poor quality colour, poor quality image	1. Change the colour setting on the PICTURE MENU. 2. Keep a distance between your TV and any VCR you may be using 3. Try watching another channel. The problem may be with the channel you're watching. 4. Are the video cables installed properly? 5. Change the setting of picture brightness on PICTURE MENU. 6. Reinstall your PC video card if the signal source is from your computer.
Horizontal and Vertical lines on the screen in PC mode	1. Check if any signal interference activities is going on nearby, such as an electrical appliance or power tool is in operation. 2. Turn on the auto configure or change the horizontal or vertical frequency position.
Poor reception	1. The TV channel you're watching may be having problems. Change to another channel and see if the same is happening. 2. TV broadcasting signal is weak or has been interrupted. 3. Check whether signal sources have any possible interference.
Lines and streaks on the picture	Check if there is any damage to the aerial on the roof, try to change the direction of the aerial to receive a better signal.
TV Speak has no sound	Check the sound balance setting on SOUND MENU.
The signal is out of range	1. Change the resolution, horizontal or vertical frequency of your source (PC etc.). 2. Check whether the signal cable is connected from the PC to your TV properly. 3. Check the signal input source is connected properly.

Notes

Notes
