PENDO HD TV

19.5" LED LCD TV

USER MANUAL

> Please read carefully before use

pendo

Contents

Safety Precautions

User Guidance Information

Basic Operation

OSD Menu

Multimedia Operation

Recording Operation

DVD Operation

Maintenance and Service
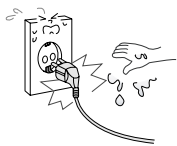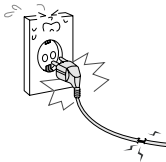
Power Supply

Warnings

Do not touch the power plug with wet hands.
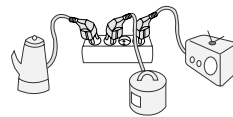
- Doing so may result in electric shock.

Do not use a damaged power cord or plug or a loose outlet.

- Doing so may result in fire or electric shock.

Do not plug several devices into the same outlet.

- Doing so may cause the outlet to overheat and start a fire.
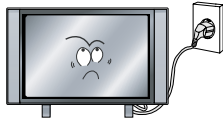
Insert the power plug fully into the outlet.

- A loose or improperly inserted power plug may result in fire.

Do not bend the power cord excessively or place heavy objects on it.

- Doing so may result in fire or electric shock.

Be sure to ground the unit.

- Failing to do so may lead to electric shock when a short circuit or overload occurs. If necessary, install a ground fault circuit breaker. Never ground to a telephone line, lightning rod, or metal gas pipe. (Doing so may result in fire, electric shock, or other hazards.)
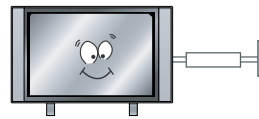
Cautions

When disconnecting the power cord from an AC outlet, always grasp it by the plug.

- Pulling on the cord can damage the internal wire and may result in fire.
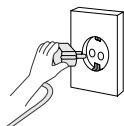
Always unplug the unit before cleaning.

- Not doing so may result in fire or electric shock.

The purpose of these precautions is to ensure user safety and prevent property damage.
Be sure to read and observe all safety precautions.

Installation

Warnings

Do not place containers with liquids such as flower vases, soft drink cans, or medicine bottles or small metallic objects on top of the unit.

- If liquid enters the unit or any metal object falls into the unit, it may result in short-circuit, fire, or electric shock.

Do not place the unit where it is exposed to rain, excessive moisture or grease.

- Doing so may result in fire, electric shock, malfunction, or deformation.
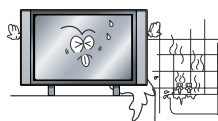
Do not use or store flamm able or combustible materials near the unit.

- Doing so may result in fire or explosion.

Do not place the unit on an unstable surface, such as a wobbly stand or sloped table, or on any surface whose area is smaller than the bottom area of the unit.

- If a child climbs on the unit, it could topple and fall onto the child, resulting in serious injury to the child or damage to the unit. Place the unit on a flat stable surface.

Do not place a burning candle, burning anti-mosquito incense, or lighted cigarette on top of the unit. Do not place the unit near any heat source such as a fireplace or space heater.

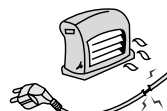- Doing so poses a serious risk of fire.
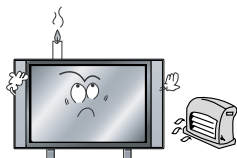
Do not place the unit in a poorly ventilated enclosure, such as a cabinet.

- Doing so poses a serious risk of fire.

Do not run power cords near heat-producing appliances such as radiators, stoves, or irons.

- The excessive heat could melt the insulation and expose live wires, resulting in fire or electric shock.

Install the antenna away from high-voltage power lines and communication cables and make sure it is installed securely.

- If the antenna touches a power line, contact with the antenna could result in fire, electric shock, serious injury, or death.
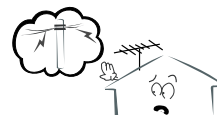
Cautions

Install the unit at an adeq-uate distance from the wall to ensure sufficient ventilation.

- If the temperature inside the unit rises, it may res-ultin fire.
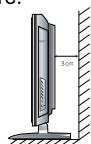
Do not cover the unit with a tablecloth, curtain, or other material.

- If the temperature inside the unit rises, it may result in fire.
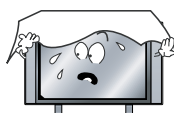
Be sure to place the unit on a level surface.

⚠ Warnings

Form a drip loop where the coaxial antenna cable enters your building to prevent rainwater from traveling along the cable and coming in contact with the antenna input terminal.

- If rainwater finds its way inside the unit, it may result in fire or electric shock.
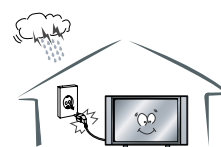
● The following precautions are divided into "Warnings" and "Cautions".

⚠ Warning : Ignoring this precaution may result in death or serious injury.
⚠ Caution : Ignoring this precaution may result in injury or property damage.

Use and Maintenance

Warnings

Disconnect the power cord from the wall outlet during an electrical storm.

- Not doing so may result in fire or electric shock.
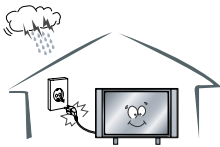
Do not insert any metal objects, such as a screwdriver, paper clip, or bent wire into the ventilation openings or A/V terminals.

- Doing so poses a serious risk of fire or electric shock.
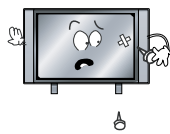
Do not allow children to climb or hang on the unit.

- The unit could topple over onto a child and result in serious injury.

Never disassemble or modify the unit in any way. Do not attempt to service the unit yourself.

- Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.
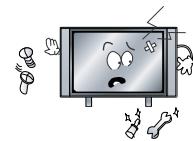
Cautions

When not using the unit for long periods of time, disconnect the power cord from the wall outlet.
- Dust could accumulate over time on the unit and cause it to generate heat and ignite, or deteriorate insulation, which in turn may result in an electrical fire.
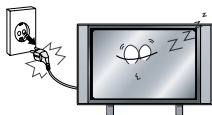
When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

- Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.
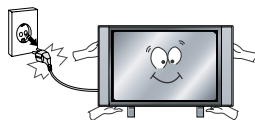
If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.
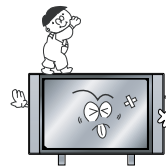
- Failure to do so may result in fire or electric shock.
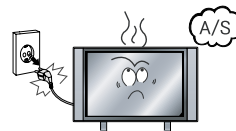
⚠ Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

- If a child has swallowed a battery, seek medical attention immediately.

Always use two or more people to lift or move the unit.

- If the unit is dropped, it could be damaged or otherwise cause injury.
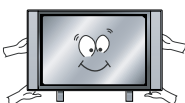
Wipe off any moisture, dirt, or dust on the power plug pins with a clean dry cloth.

- Failure to do so may result in fire or electric shock.

It is advisable to clean the interior of the unit at least once a year. Contact the store of purchase or service center for information.
- Continuing to use the unit without cleaning off the dust build-up inside it may result in fire or electric shock.
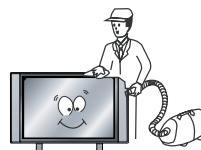
Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.

- Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.
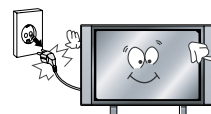
Important Safety Instructions

Warnings and Precautions

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.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with a dry cloth.

7) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or 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.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use the attachments/accessories specified by the manufacturer.

12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus

combination to avoid injury from tip-over.

Important Safety Instructions

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

• Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

The lightning flash with an arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

5B-En

Apparatus with Class I construction shall be connected to a Mains socket outlet with a protective earthing connection.

WARNING

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

Caution :

- 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.

Names of each part

Front View

Led Indicator
Remote control window
（keep clear）

INPUT side panel labels: INPUT, MENU, CH+, CH-, VOL+, VOL-, PLAY, EJECT, POWER

Insert disc with label side towards back

Insert a 12cm disc according to the silk.
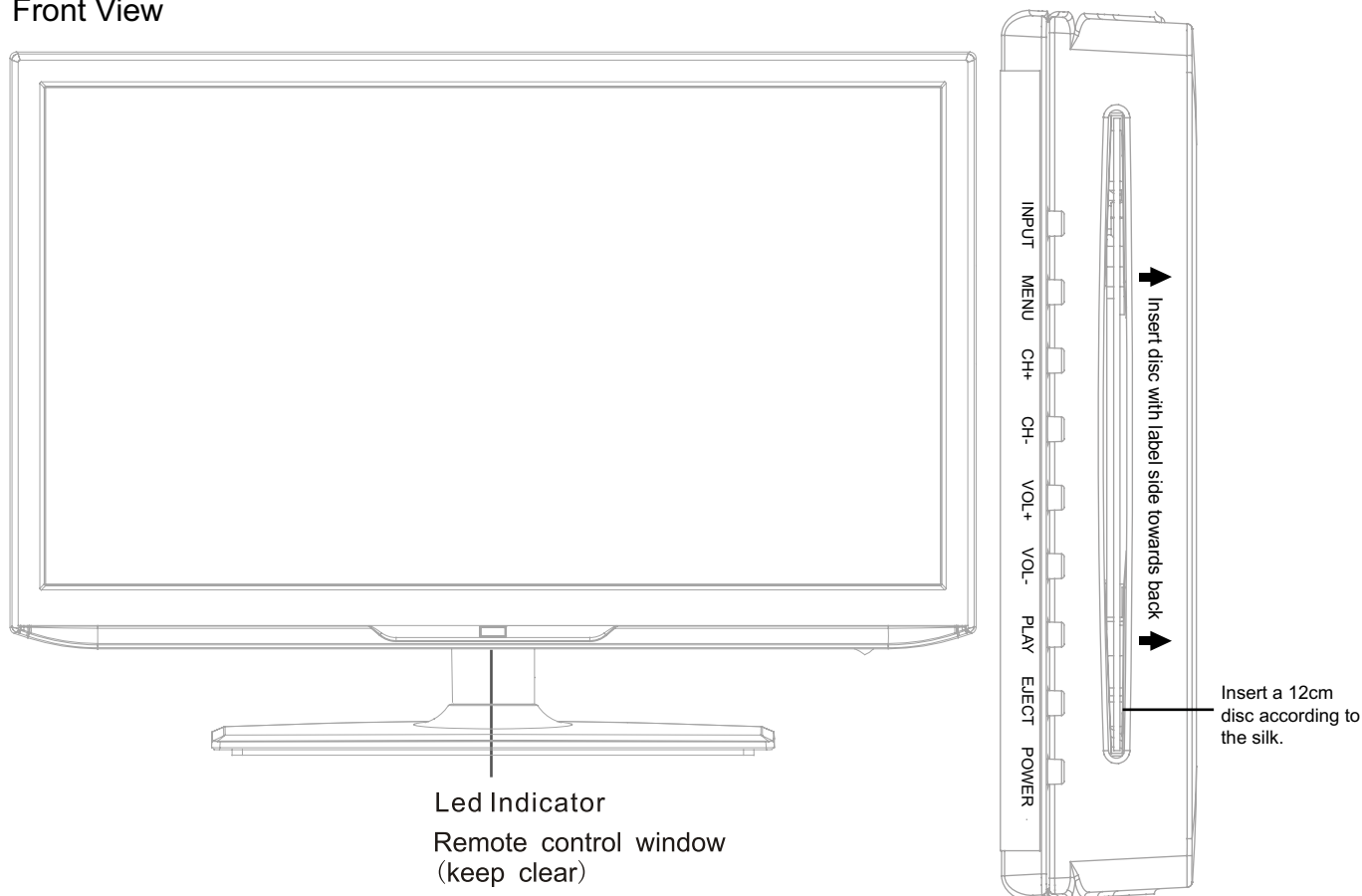
INPUT: Display the input source menu.
MENU: Display/exit the OSD menu.
CH+/-: Scan through channels.
VOL+/-: Adjust the volume.
PLAY: Play/pause the disc playing.
EJECT: Eject / Close the disc.
POWER: Turn on/standby the TV set.

Accessories

● The configuration of the components may look different from the following illustration.

User's Guide

User's Guide

Remote Control
E-26D

Batteries

6
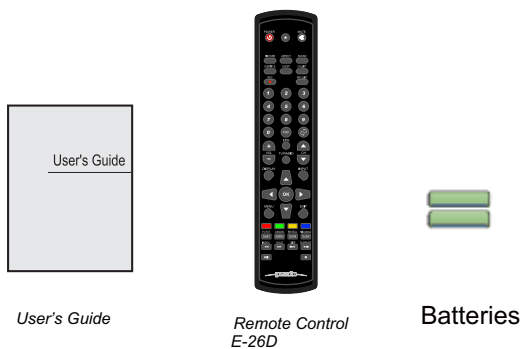
Names of each part

Back View
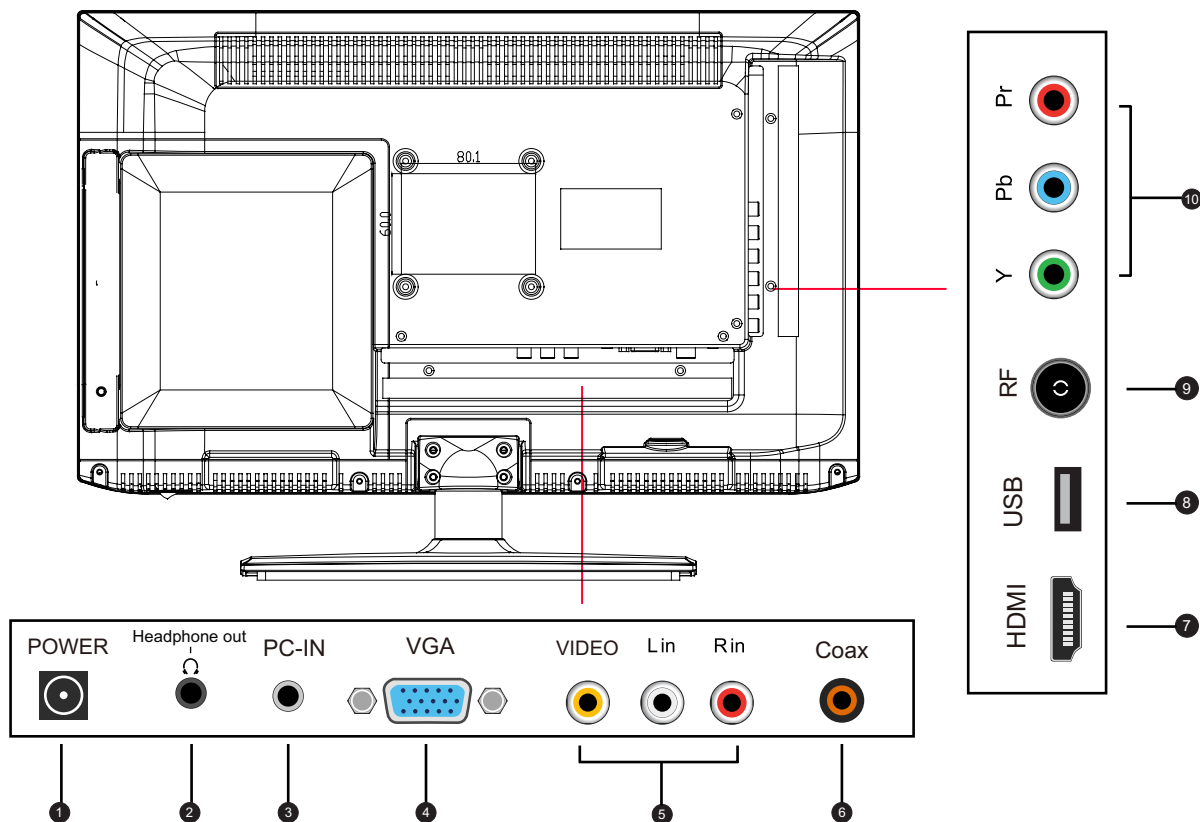
➊ **POWER:** Connect to the mains adaptor.

➋ **Headphone out:** Connect it to your headphone or other audio equipment.

➌ **PC -IN:** Connect it to the audio output terminal o f PC.

➍ **VGA:** For PC display.Connect it to the D-Sub 15 pins analog output connector of the PC.

➎ **Video :** Connect it to video output terminal of DVD.

  R/L audio in: Connect them to the audio output terminal of DVD.(shared with YPbPr)

➏ **Coax:** Digital coaxial output.

➐ **HDMI:** Connect it to the HDMI of DVD or other equipment.

➑ **USB:** USB jack for PVR and Media.

➒ **RF:** Connect antenna or cable 75 Ohm coaxial to receive TV signal.

➓ **YPbPr:** Connect them to the YPbPr video output terminal of DVD. (with the coverter cable)

Remote Control

● Functions of remote control buttons

The remote control is using Infra-Red (IR). Point it towards the front of the TV. The remote control may not work correctly if it is operated out of range or out of angle.

POWER: Turn the TV on/standby.

MUTE: Press to mute the sound, press again or press VOL+ to unmute.

PICTURE: Select the picture mode.

ASPECT: Change the screen display mode.

SOUND: Select the sound mode.

SUBTITLE: Turn on/off the subtitle display in DTV mode

SLEEP: Standby timer.

CH.LIST: Display the channel list.

REC : Press to start recording inDTV mode.

REC.LIST: Record List.

⏏ : Load/eject DVD disc.

NUMBER BUTTONS
Press 0-9 to select a TV channel directly when you are watching TV.

↻ Return to the previous channel viewed.

FAV: Display the favorite program list.

CURSOR KEYS（▲/▼/◄/►/ OK）
Allows you to navigate the on-screen menus and adjust the system settings to your preference.

VOL+ /- : Adjust the volume.
CH▲/▼: Scan through channels.
DISPLAY: Press to display the current mode's information.
INPUT : Press to display the input source menu.
EPG: To show the Electronic Program Guide during no-menu state only in DTV mode.
TV/RADIO：To switch to TV or Radio state in DTV mode.
MENU: System setup menu.
EXIT: Exit the OSD menu.

Remote Control

PVR/DVD

◄◄ :   Fast reverse.

►► :   Fast forward.

I◄◄ :   Previous chapter.

►►I :   Next chapter.

►II :   Play/Pause program.

■ :   Stop program.

Colour buttons: Short cuts-follow the coloured links in the text

TV/TXT: Turn off/on the Teletext display.

CANCEL: Cancel the Teletext display.

REVEAL: Reveal any hidden text.

NICAM/A2: TV Nicam/A2 select.

INDEX: Go to index.

HOLD: Hold or carry on the current subpage.

SIZE: Press to see top half of page double size,
       Press again to see the bottom
       half of page double size. Press again for normal size.

SUBPAGE: Press to enter subpages, pressagain to cancel.

D.SET: DVD system setup.

D.MENU: DVD play list/Disc menu.

D.SUB: Turn on/off the subtitle display in DVD mode.

D.LAN: Select DVD disc language.

Basic Operation

Power on/off

1. Connect to the power supply with the power adaptor.
2. -To turn on the TV
   Press **POWER** button on the TV or remote control.
   -To turn off the TV
   Press **POWER** button on the TV or remote control.

Input Source select

Press **INPUT** button on the TV set or remote control to display the input source menu, and use **CH+/-** button on the TV set or ∧/∨ button on remote control to select the input source, press **OK** button on the remote control to enter.

Note: Before you select the input source, make sure the connections are prepared.

Input
DTV
ATV
AV
YPBPR
HDMI
PC
Media
DVD

Basic OSD Menu operation

Press **MENU** button to display the OSD menu as below:

Main menu: Picture   Sound   Channel   Feature   Setup

Picture		
Picture Mode	User	▶
Brightness	50	▶
Contrast	50	▶
Sharpness	5	▶
Colour	50	▶
Tint	50	▶
Colour Temperature	Standard	▶
Aspect Ratio	Full	▶

Left menu items: Picture, Sound, Channel, Feature, Setup

Submenu (Picture menu for example)

Hint---you should operate the OSD menu according to the hint.

▲▼ Move   Ok Enter   Exit Exit   Menu Return
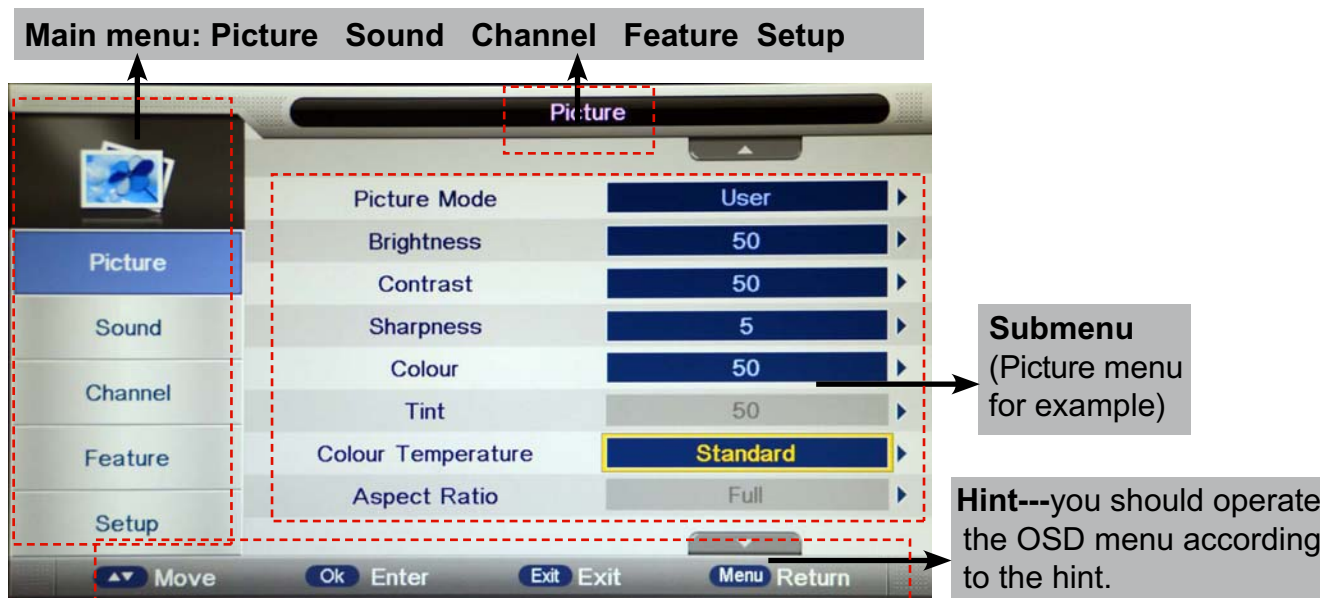
Use ∧ / ∨ button to select the main menu, and press ＞ / **OK** button to enter the submenu. In the submenu, use ∧ / ∨ button to select the function item, press ＞/ **OK** button to enter the setup menu, then press ＜/＞ button to adjust, or press ∧ / ∨ to select and press **OK** / ＜/＞ button to confirm.

* (Press **MENU** / ＜ button to return to the upper menu.)
* (Press **EXIT** button to exit the menu display.)

Note1: Only when you input the suitable signal, the relevant items can be activated
Note2: Please operating the OSD menu according to hint on the bottom of the banner.

OSD Menu

1. Picture menu

Description

Picture Mode: Select your desired picture mode from Dynamic, Standard, Mild and User.

Brightness: Adjust image black level.

Contrast: Adjust image contrast.

Sharpness: Adjust the sharpness(Gray and invalid in VGA/PC mode).

Colour: Adjust image colour from black and white.

Tint: Control the tint (NTSC mode only).

Colour Temp.: Select an optimum color temperature mode to suit your eyes for viewing from Warm, Cool, Standard.

Aspect Ratio: Change the aspect for the screen from 4:3,16:9,Zoom1,Zoom2.

Noise Reduction: If the broadcast signal received is weak, you can select the Noise Reduction option to reduce the video noise level between Off, Low, Middle and High.

OSD Menu

2. Sound menu

Description

Sound Mode: Select your desired sound mode from Standard, Movie, Music, Speech and User.

Bass: Adjust the level of the lower-pitched sounds.

Treble: Adjust the level of the higherpitched sounds.

Balance: Adjust the audio output between left and right speakers.

Surround: Turn on/off the surround sound function.

Auto Volume Level (AVL): The volumes of all sources will be maintained when the function's on.

SPDIF: Select the spdif mode for the TV from off, PCM and Auto.

OSD Menu

3. Channel menu(In ATV/DTV mode)
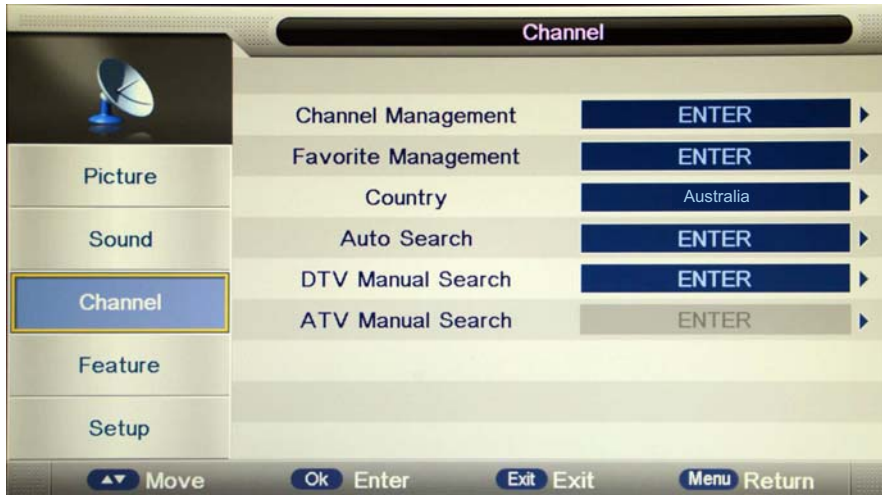
Description

Channel Management: Enter the Channel management menu to edit the channels.

Delete: Press **RED** button to sign the channels you want to delete, it will hint you when you exit.

Lock: User must set the "Lock enable"(Feature-Lock- Lock enable) at ON to active this function. Press **GREEN** button to sign(lock) or cancel(unlock) the channel. And you have to enter the password to view the program.

Skip: Press **YELLOW** button to skip the channel or cancel the setting, and the program will not be programed by CH+/- button.

Swap: Press **BLUE** button to sign the channel, press ∧/∨ button to move, and press OK button to swap the position.

Favorite Management: Add or remove favourite channels by the colour buttons. Up to 4 favourite lists are available, RED-Fav1, GREEN-Fav2, YELLOW-Fav3, BLUE-Fav4.

OSD Menu

Country: Select the country.

When the Child Lock is on, please enter the Password (Lock Password in Feature menu) to start Auto and Manual Search.

Auto Search: Press OK button to enter the Auto Search menu, select search mode, and press OK button to start auto search.

Note:
1. ALL: Auto search channels for DTV, ATV and Radio.
   DTV: Auto search channels for DTV and radio.
   ATV: Auto search channels for ATV.

2. When the TV is auto tunning, you could press MENU button to stop auto tunning and return to preview menu.

DTV Manual Search: Enter the DTV Manual Search menu.

Press ∧ / ∨ button to select the "Channel" item, and press < / > button to select the channel, then press ∧ / ∨ button to select the "Start" item, and press < / > button to manual search.

DVB-T

ATV Manual Search : Enter the ATV Manual Search menu.
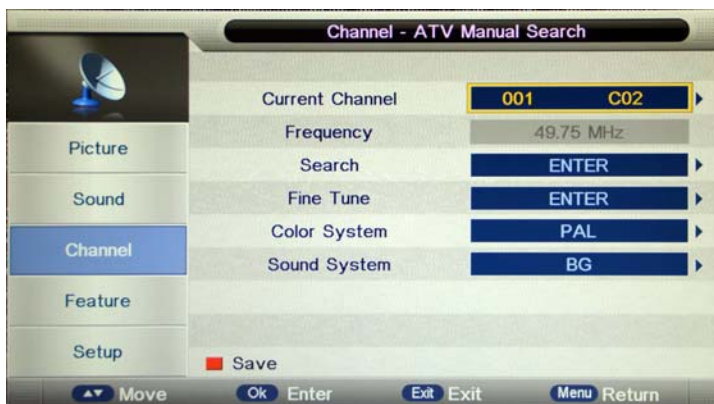
    Current Channel: Select the current channel for manual searching.
    Search: Press OK button to enter the search menu, and manual search the frequency by < / > button.
    Fine Tune: Press OK button to enter the Fine tune menu, and fine tune the frequency by < / > button.
    Color/Sound System: Select the Color/Sound system for the program.

OSD Menu

4. Feature menu
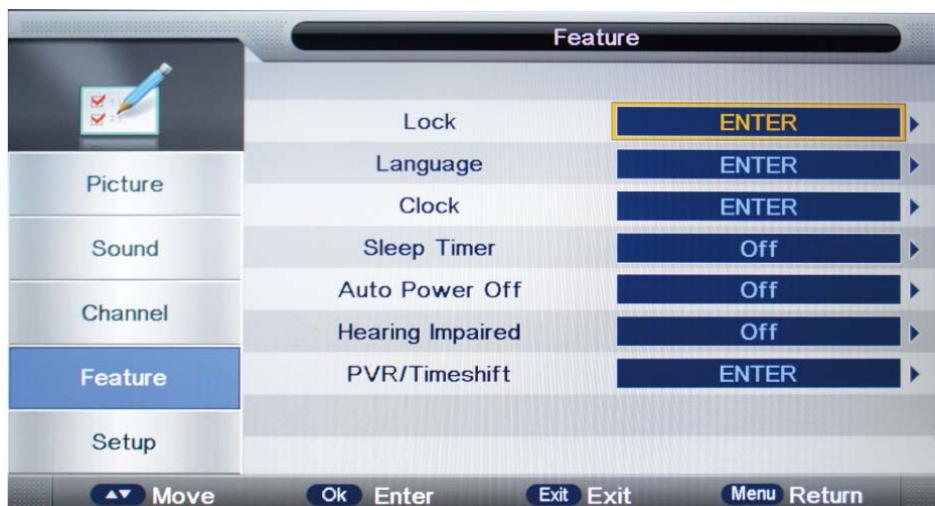
Description

Lock: This menu allows you to lock certain features of the television so that they can not be used or viewed. For example if you don't want certain channels viewed by children or if the television is to be used in a hotel and you want certain channels be locked.

When you enter the system lock menu you will be asked for a password. As default it is 0000.
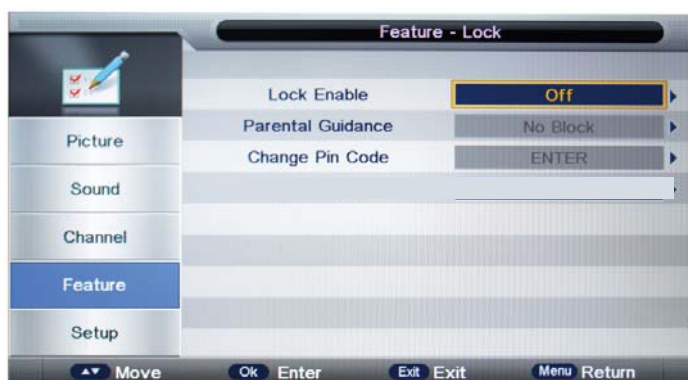
Lock Enable   - Turn on/off the Lock functions.

Note: When it is be turned on, the functions of Parental Guidance and Change Pin code below will be locked, and the functions Lock(in Channel Management), Auto Search, DTV Manual Search, ATV manual Search in Channel menu will also be locked.

Parental Guidance - Select the Parental Guidance mode, or turn off the function.

Change Pin Code – Press OK button to enter, first enter the current code, then enter your new code and confirm your new code.

OSD Menu

Language: Lets you adjust the different language options available.

Clock: Allows you to set the clock (as default the information is taken automatically from the digital signal).

Sleep Timer: Lets you set the sleep timer so the television automatically switches off after a certain amount of time.

Auto Power Off: The TV will switch off itself automatically if no change in status within the time you select. You can choose 1H, 2H, 4H or off.

Hearing Impaired: You can switch on the hearing impaired feature, this provides additional information and subtitles.

PVR/Timeshift: Setup menu for recording, please see the Recording Operation section.

OSD Menu

5. SETUP menu

Description

OSD Timer: Lets you adjust the amount of time the On Screen Menu stays on the screen before disappearing.

PC Setup: Change the PC Settings in PC mode.

Auto Adjust: Setup the parameter of the screen automatically.

H/V-Position: Adjust the transverse/vertical position of the screen.

Phase: Adjust the phase of the ADC sampling clock relative to the sync signal, until a stable image is obtained.

Clock: Adjust the pixel clock frequency, until the image size is maximized for the screen.

Blue Screen: Changes the background when there is no input between clear and a blue background (Only available in some sources).

Reset TV Setting - This clears all the TV settings for the television.

Software Upgrade: From time to time we may release new firmware to improve the running of the television (available to download). This menu lets you upgrade that software onto the television. Further details of how to do this will be issued with the firmware. Contact the helpline or refer to the 'product support' section of the website.

Multimedia Operation

Basic Operation

1). Press the INPUT button on the remote control to display the input source menu, select Media source by the ▲ / ▼ buttons, and press OK button to enter the Multimedia menu as shown below.

2). Insert USB device, and select the Media mode form Photo, Music, Movie and eBook, then you will find the name of the device display on the screen as shown below.

Hints for operation

3). Press ∧/∨ button to select the USB device and press OK button to enter the file list as shown below.

Return to device list

Preview

File list

Informations

Hints
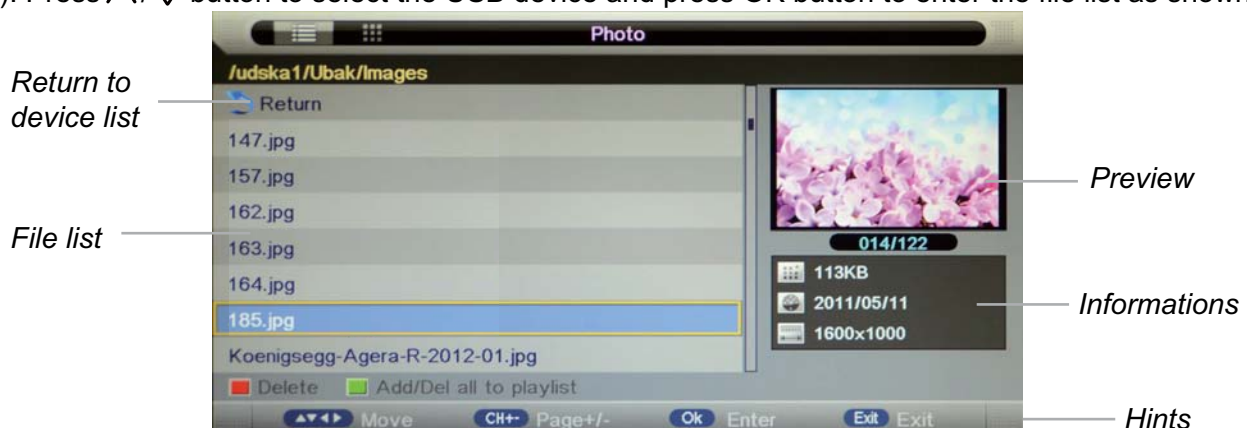
Press ∧ / ∨ buttons to move (press OK button to select the file or unfold the folder);

Press **RED** button to delete the file; Press **GREEN** button to sign or cancel all the files to playlist;

Press **OK** button to sign or cancel the selected file to playlist.

Press < button to previous menu, Press EXIT button to select the file view type list(<) or thurnbnail(>).
Press Exit again to return to the root MENU.

Then press ▶ button to program the files (be signed) you select or the files in the fold you select.

Press **STOP** button to stop and exit the full screen program, please notes the hints on the bottom.

Multimedia Operation

1. Photo
Play the photo

Press ◀ / ▶ button to select the option on the table, and press **OK** button to change.
Note: You could press OK button to display the option table when it disappears.

▶/❚❚ Play/Pause the photo playing.
■ Stop and exit the full screen program.
◀❚ ❚▶ Play the previous or next file directly.
〈 〉 Ratate the picture(0, 90, 180, 270).
🔍 Zoom in/out the picture, you could move the picture by Cursor left/right/up/down button in Zoom mode.
ⓘ Display the information of the current file.
⚙ Display the photo setup menu, and select the Repeat mode, Background Music, Slide Time, Effect.
🗐 Display the playing list.

2. Music

Play the music

Press ◀ / ▶ button to select the option on the table, and press **OK** button to change.
▶/❚❚ Play/Pause the music playing.
■ Stop and exit the music playing.
◀◀ ▶▶ Play fast backword or forword.
◀❚ ❚▶ Play the previous or next file directly.
🔁 Input the time and start playing directly.
ALL Select the repeat mode for playing music.
🗐 Switch the window between "Information" and "Playlist".
⊠ Switch off the screen displaying (BLUE button as quick button), and it will be turned on by
   exepet power button)..

Multimedia Operation

3. Movie

Play the movie

Press ◀ / ▶ button to select the option on the table, and press **OK** button to change.
Note: You could press OK button to display the option table when it disappears.

▶/II Play/Pause the movie playing.
■ Stop and exit the full screen program.
◀◀ ▶▶ Play fast backword or forword.
II▶ Play the movie in slow mode.
II▶I Play the movie in step mode.
↺ Set the A-B repeat playing mode.
I◀ ▶I Play the previous or next file directly.
▤ Display the playing list.
ⓘ Display the information of the current file.
⚙ Display the movie setup menu, and setup the Program, Subtitle, Audio, Repeat mode.
🕐 Goto mode, Input the time and start playing directly.

4. eBook

Play the text
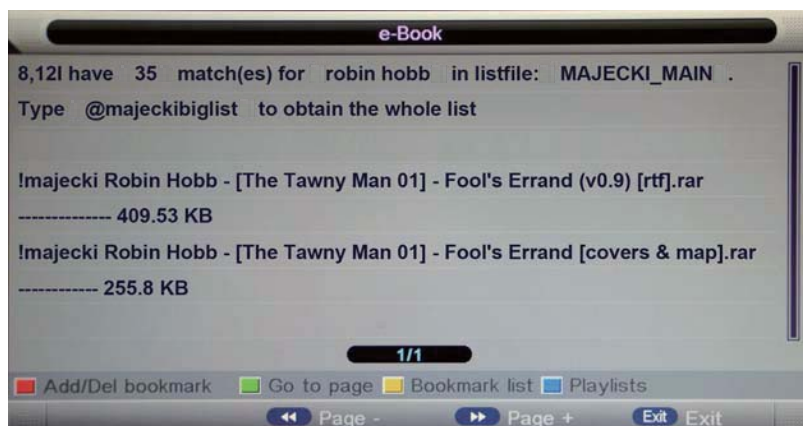
◀◀ ▶▶ Turn to previous/next page of the text.
RED button: Add or delete the bookmark.
GREEN button: Goto the appoint page.
YELLOW button: Display the bookmark list.
BLUE button: Display the playlist.

Recording Operation

PVR settings

Press the MENU button select Feature-PVR/Timeshift menu, press OK button to enter the menu as below.

1). Record File Format

Select Record File Format mode from TS and PS for storing in the USB device.

2). Partition Select

USB device informations

Format: Press **RED** button to format the selected USB device.

Set Default Partition: Press GREEN button to set the focus partition as the default partition .The recorders are stored in the default partition. It need to be reset if the default partition is full in recording progress.

3). Timeshift Buffer

Set Timeshift Buffer mode: auto, 30Mins, 1hr, 2hr.

4). Timer

Enter the Timer menu to setup the timer recording settings.

Press yellow button to add.

Recorder: Turn on/off the recorder function.
Type: Select the type of the program you want to recording.
Channel: Select the channel you want to recording.
Start Time: Setup the start time for recording the program.
Duration: Setup the duration time for recording.
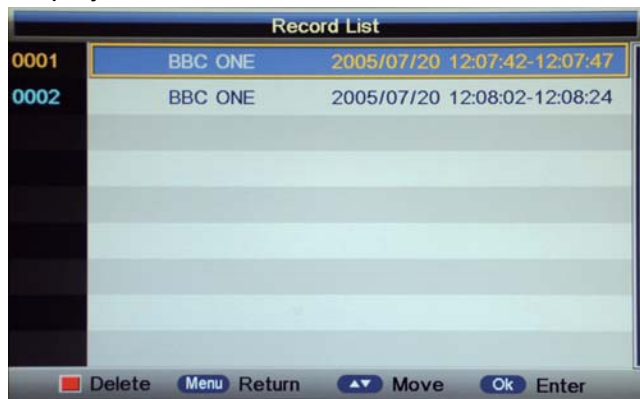**Date:** Select the date for recording.
Mode: Select the mode for recording.

Recording Operation

5). Record List

Display the Record list menu.

      Delete: Press RED button to delete the selected record plan.

6). Recorder Start

Press **OK** button to start recording, as the function of the **REC** button on the remote control.

EPG and Timer Record

Press **EPG** button on the remote control to display the EPG menu.

  EPG mode: Press **RED** button to change the EPG display mode.

    Daily mode: shows the information of the programs to be broadcasted in daily mode.

    Weekly mode: shows the information of the programs to be broadcasted in weekly mode.

Reminder: Press **GREEN** button once to remind the program for watching, and press **GREEN** button again to remind the program for recording. You could check it in Timer menu, and the TV will record the program according to your settings automatically.

Previous/Next Day: Press **YELLOW/BLUE** button to display the programs on previous or next day.

Recording Operation

Recording

Press **REC** button on the remote control to start recording in DTV mode, and the TV will give you a hint. Select "OK" item, and press OK to start recording, there will be a sign on the screen.

Note:
a. Please make sure the USB device is on the TV.
b. Please mke sure the speed and free space of the USB is enough.
c. Press STOP button to exit the recording mode.
d. Press Recording list button to display the Recorder list, and you could play the program you selected. The recording will be going on, and the Recording menu will display when you exit the Recorder list.
e. You could also play the Recorded program in Multimedia mode.

Timeshift

Press **II PAUSE** button on the remote control to start timeshift in DTV mode, and the TV will give you a hint. Select "OK" item, and press OK to start timeshift, there will be a sign on the screen, and the screen will be freezed.

Note:
a. Please make sure the USB device is on the TV.
b. Please make sure the speed and free space of the USB is enough.
c. Press STOP button to exit the timeshift mode.
d. Press PLAY button to play the program you are recording from the beginning, and the timeshift will be going on.
e. Timeshift time menu on the right top corner shows the fallen time between the current picture and the living broadcasting picture;
f. During the recoding progress, if the signal is missing, the recording process will take a pause until the signal is stable again.

DVD Operation

DVD Basic Operation

Turn on your TV then use the TV/AV button on the remote control or on the TV to select DVD mode.

Place a disc

Insert a disc according to the silk.
Do not touch the playing surface.
Hold the disc around the outside with your fingers and place the disc into the slot. The player will automatically draw the disc into the player.
To "Eject" the disc, press the " ▲ " (EJECT)button on the remote control or on the TV.

Play

The contents of each disc vary, as to how the disc was authored and what features are included. Some discs start playing as soon as they have been read, some need "Play" selecting in the Menu. Different play modes are offered, such as Menu Play, Sequence Play and other modes.

Using the Display Feature

1. Compatible with DVD, SVCD, VCD, CD, HD-CD, WMA, Digital Audio disc discs.
2. Loading and playing DVDs (two pages)
- Press DISPLAY button once to show the first page:
- "Disc Type, Title * / * (the playing title / total titles), Chapter * / * (the playing chapter / total chapters), Elapsed Time of the Disc".
- Press the button again to show the second page:
- "Language */* (the serial number of playing language / the amount of optional languages) or Off, Language Type, Audio Type, Subtitle * / * (the serial number of playing subtitle /the amount of optional subtitles) or Off, Angle * / * (the serial number of playing angle / the amount of optional angles) or Off".
- Press the button for the third time, the display menu fades out.
3. Loading and playing SVCD discs (two pages)
- Press Display button once to show the first page:
- "Disc Type, Track * / * (the playing track / total tracks), Mute, PBC, Repeat Mode, Elapsed Time of the Playing Track".
- Press the button again to show the second page:
- "Language * / * (the serial number of playing language/ the amount of optional languages) or Off, Language Type, Audio Type, Subtitle * / * (the serial number of playing subtitle / the amount of optional subtitles) or Off".
- Press the button for the third time, the display menu fades out.
4. Loading and playing VCD
- Press Display button once to show the first page:
- "Disc Type, Track * / * (the playing track / total tracks), Mute, PBC, Repeat Mode, Elapsed Time of the Playing Track".
- Press the button again, the display menu fades out.
5. Loading and playing CD, HD-CD, WMA, Digital Audio / JPEG discs
- Press Display button once to show the first page:
- "Disc Type, Track * / * (the playing track / total tracks), Mute, Repeat Mode, Elapsed Time of the Playing Track".
- Press the button again, the display menu fades out.

DVD Operation

Subtitles
1. Compatible with DVD, SVCD discs.
2. Press the Subtitle button on the remote once, and the subtitle info banner appears
3. When a DVD or SVCD is recorded with subtitles, you can use the Subtitle feature to view the subtitles on-screen. By default, subtitles are off. The info banner will display Subtitle Off.
4. To display subtitles, press the Subtitle button again. The default language with its responding serial number will be displayed in the info banner and subtitles will be displayed in that language. There are 8 supported subtitles: Chinese, English, Japanese, French, Spanish, Portuguese, Germany and Latin. With each consecutive press of the Subtitle button, the subtitle switches. For example, "Language Icon: [1 English DTS 6CH] or [Off]" (the availability of the subtitles are disc-dependent). To turn subtitles off, press the Subtitle button until Subtitle Off is displayed.

Digital Audio Disc
1. Compatible with Digital Audio discs
2. The player will search the disc directory automatically and display the contents on screen.
3. The player will then start to play the first track, of the selected directory.
4. To change directories use the direction buttons.

Disc Care

About Disc Terms
Title
Generally, pictures or music compressed on a DVD are divided into several sections, "title".
Chapter
The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching, but some discs may not have a recording chapter.
Track
A segment of picture or music on a CD, Each track is numbered for searching.
Care of Disc
Video disc contains high-density compressed data that needs proper handling.
1. Hold the disc with fingers by outer edge and/or the center spindle hole. Do not touch the discs surface.
2. Do not bend or press the disc.

3. Do not expose the disc to direct sunlight or heating sources, Stere discs in cabinet vertically, and in dry condition.
Prevent exposure to:
Direct sunlight, Heat or exhaust from a heating device, Extreme humidity
Clean the disc surface with a soft, dry cleaning cloth, Wipe the disc surface gently and radically from center toward the outer edge.
Do not apply thinner, alcohol, chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.
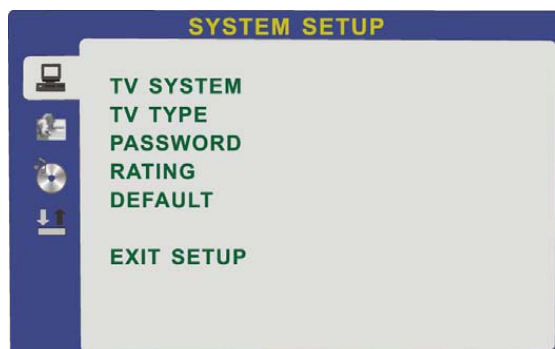
DVD Operation

DVD System Setup

System operation will define the setting of the set; these definitions will be stored until you change them again.

General Steps of Setup Menu

1. Pause or Stop the player. Press **SETUP** on the remote control. The main menu will be shown as below.

2. Press the ∧ / ∨ button to select the Icon of the desired section, e.g. "TV System" and press ＞ button to open that section.
3. Press ∧ / ∨ to select the desired feature and again press ＞ button to open that section.
4. Press ∧ / ∨ to select the desired feature and then press "**OK**" to select the new setting.
5 To exit the menu, press "**SETUP** " or ∨ button to select EXIT SETUP and then press "**OK**" When launching the setup routine, the pressing of the following buttons will turn off the setup menu, while the choices that have been changed will be saved.

Menu specification

1. SYSTEM SETUP

The system setup options are illustrated below:
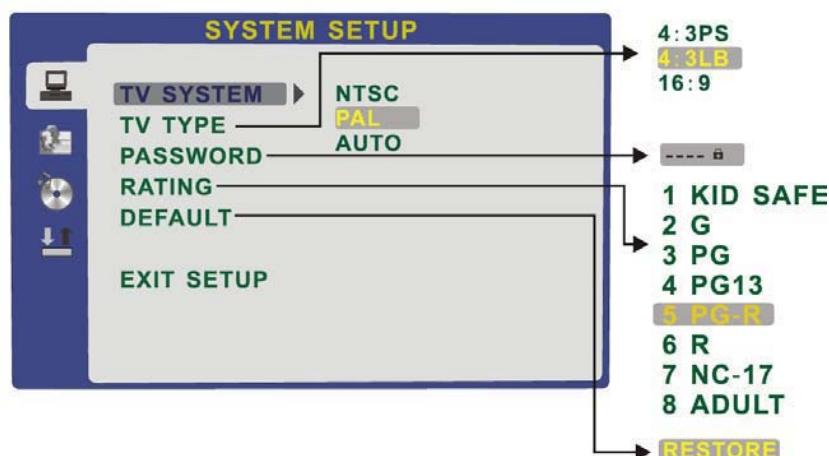
TV SYSTEM

According to the Color system of your TV, select proper TV TYPE.

PASSWORD

The password option is initialized as locked. You cannot set the ratings limit or change the password. To enable these features you must unlock the Password. The default password is

DVD Operation

"0000". Using the ∧ / ∨ button, move the highlight to "PASSWORD", press > the button and enter "0000". You will see the padlock symbol open. You may now change the RATING or put in a new password number. If the Lock symbol is BLUE you must press > the button to enter the lock field, the lock symbol will change to YELLOW, you may now enter a new 4 digit number. Please remember or write down the new Password and keep safe.

RATING
The Rating feature is a rating limit feature, like movie ratings. This helps you to control what DVD the family watches. There are 8 levels of selection, from KIDS SAFE to ADULT. Adult is the "play all" selection.

2. LANGUAGE SETUP
The language setup options are illustrated below:
- **OSD LANGUAGE:** The OSD will display in the language you choose.
- **AUDIO LANG:** If the disc you are playing has the language you choose, it will output audio in that language.
- **SUBTITLE LANG:** If the disc you are playing has the language you require you may select this either in the Menu or using the "SUBTITLE" button on the Remote control. You may also switch this OFF.
- MENU LANG: If the disc you are playing has the language you require you may select this.
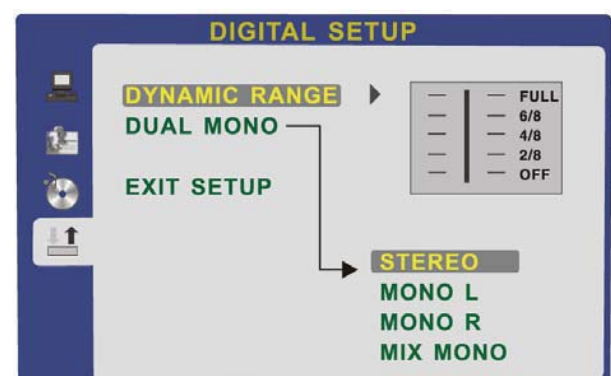
3. AUDIO SETUP

-TONE: Use the ∧ / ∨ button to move the scroll and adjust the tone.

4. DIGITAL SETUP
The video setup options are illustrated below:
- **DYNAMIC RANGE:** Use the ∧ / ∨ button to move the scroll and adjust the dynamic range.
- **DUAL MONO:** Choose the mode of the audio output.
  There are four modes: STEREO, MONO L, MONO R,MIX MONO.

Trouble shooting

- Do not use other functions that are not mentioned in this user's manual.
- In case a problem occurs with your TV, please take the following steps first.
- If you still have the problem, turn the power off and contact your dealer or an authorized service center.

Problem	Action
The screen does not appear.	Is the power plug pulled out? Insert the power plug. Press the power button of the remote control.
The screen appears too slowly after the power is turned on.	This problem occurs for a brief time in the process of image elimination processing in order to hide temporary screen noise that occurs when the power is turned on. But if the screen does not come after 1 minute contact your dealer or an authorized service center.
Screen is too bright or too dark.	Perform brightness adjustment or Contrast adjustment.
Screen is too large or too small.	Adjust the screen size.
Stripes appear on the screen and it shakes.	Stop using wireless telephones, hair driers and electric drills.
The screen does not move.	Press the PAUSE button. Check if the Pause button is pressed on external equipment.
Screen appears, Voice is not heard	1. Press the "MUTE" button. 2. Increase the sound level by pressing volume adjustment button. 3. Check if sound terminal of external input is connected properly. 4. Check if audio cables are connected properly. 5. Select and check the other input. If the sound still does not work and the other channels are the same after you have done as the above, contact your dealer or an authorized service center.
Remote control does not work	1. Check if main power is On. 2. Check that the batteries of the remote controller were loaded properly. 3. Check to see if any obstacle exists between the TV and the remote control , then remove it, if any. 4. If the batteries have no power, replace them with two new batteries.

- This TV is for household use and registered as harmless on electromagnetic waves.
- Therefore, you can use it in every location as well as residential areas.

Specifications

Technical Specifications

TV

TV System	PAL BG/DK/I SECAM BG/DK
Screen Size	19.5" (diagonal)
Resolution	1600 x 900 pixels (RGB)
Aerial Input	75 Ω (unbalanced)
Power Consumption	12V ⎓ 3A 36W

Instructions on environmental protection

Do not dispose of this product in the usual household garbage at the end of its lifecycle; hand it over at a collection point for the recycling of electrical and electronic appliances. The symbol on the product, the instructions for use or the packing will inform about the methods for disposal.

The materials are recyclable as mentioned in this marking. By recycling, material recycling or other forms of re-utilization of old appliances, you are making an important contribution to protect our environment.

Please inquire at the community administration for the authorized disposal location.

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