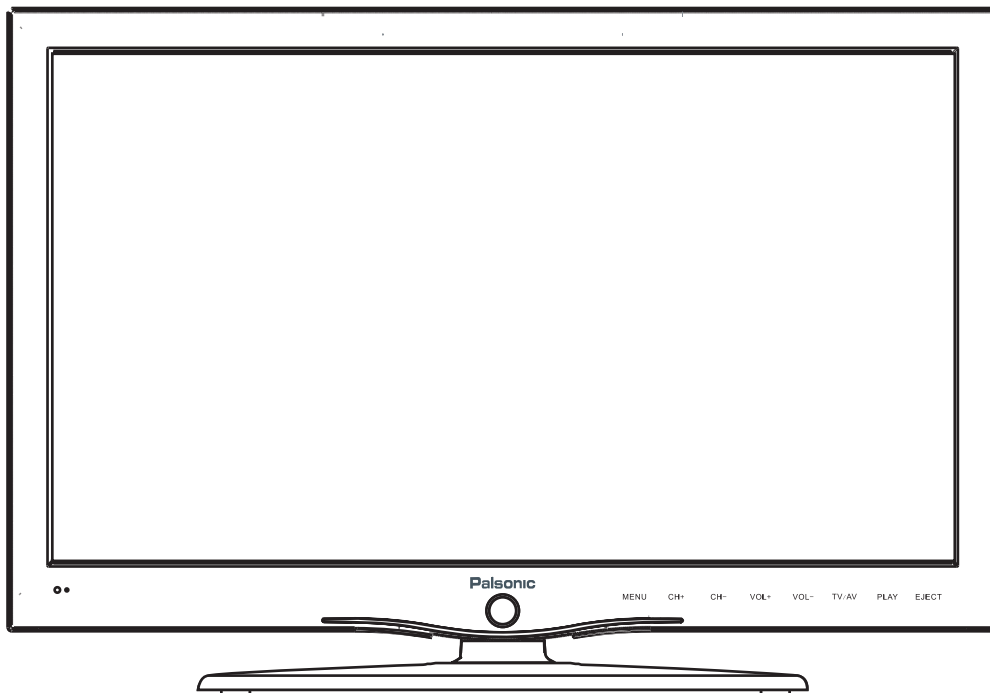


Palsonic

60cm(23.6") LED TV WITH DVD & DVB-T

INSTRUCTION MANUAL TFTV6045LEDR



Contents

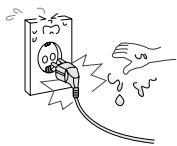
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Power Supply

Warnings

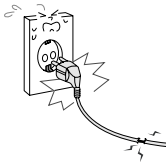
Do not touch the power plug with wet hands.

- Doing so may result in electric shock.



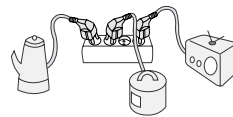
Do not use a damaged power cord or plug or a loose outlet.

- 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.



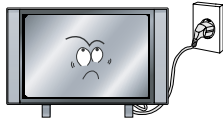
Insert the power plug fully into the outlet.

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



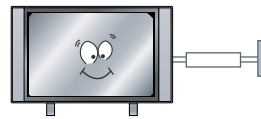
Do not bend the power cord excessively or place heavy objects on it.

- Doing so may result in fire or electric shock.



Be sure to ground the unit.

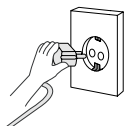
- Failing to do so may lead to electric shock when a short circuit or overload occurs. If necessary, install a ground fault circuit breaker. Never ground to a telephone line, lightning rod, or metal gas pipe. (Doing so may result in fire, electric shock, or other hazards.)



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.

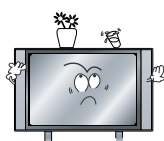


Installation

Warnings

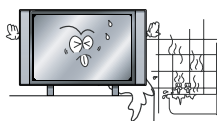
Do not place containers with liquids such as flower vases, soft drink cans, or medicine bottles or small metallic objects on top of the unit.

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



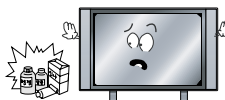
Do not place the unit where it is exposed to rain, excessive moisture or grease.

- Doing so may result in fire, electric shock, malfunction, or deformation.



Do not use or store flammable or combustible materials near the unit.

- Doing so may result in fire or explosion.



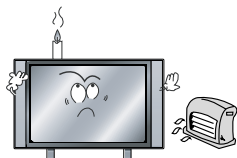
Do not place the unit on an unstable surface, such as a wobbly stand or sloped table, or on any surface whose area is smaller than the bottom area of the unit.

- 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.



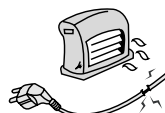
Do not place the unit in a poorly ventilated enclosure, such as a cabinet.

- Doing so poses a serious risk of fire.



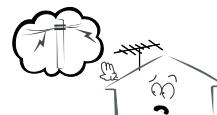
Do not run power cords near heat-producing appliances such as radiators, stoves, or irons.

- 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.

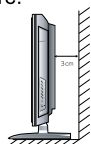
- If the antenna touches a power line, contact with the antenna could result in fire, electric shock, serious injury, or death.



Cautions

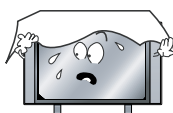
Install the unit at an adequate distance from the wall to ensure sufficient ventilation.

- If the temperature inside the unit rises, it may result in fire.

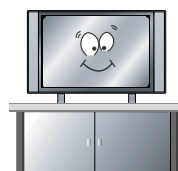


Do not cover the unit with a tablecloth, curtain, or other material.

- If the temperature inside the unit rises, it may result in fire.



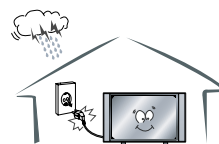
Be sure to place the unit on a level surface.



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.

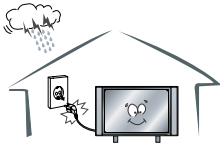
⚠ Caution : Ignoring this precaution may result in injury or property damage.

Use and Maintenance

Warnings

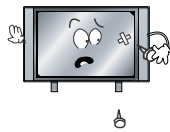
Disconnect the power cord from the wall outlet during an electrical storm.

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



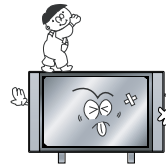
Do not insert any metal objects, such as a screwdriver, paper clip, or bent wire into the ventilation openings or AV terminals.

- Doing so poses a serious risk of fire or electric shock.



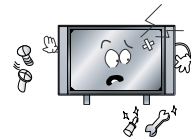
Do not allow children to climb or hang on the unit.

- 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.

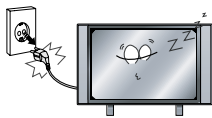
- Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.



Cautions

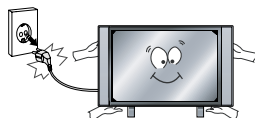
When not using the unit for long periods of time, disconnect the power cord from the wall outlet.

- 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

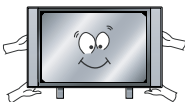
When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

- 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.



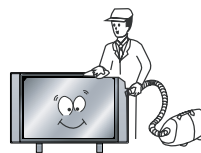
Wipe off any moisture, dirt, or dust on the power plug pins with a clean dry cloth.

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



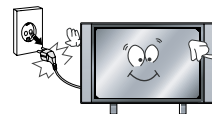
It is advisable to clean the interior of the unit at least once a year. Contact the store of purchase or service center for information.

- 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 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) Do not clean with strong chemical agents
- 7) The appliance is intended for household use only, and not for commercial or industrial use.
- 8) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
- 9) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 10) Care required with the use of this apparatus in tropical climates. Do not use the appliance under temperatures over 40°C.
- 11) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 12) Only use the attachments/accessories specified by the manufacturer.
- 13) Use only with a stand, or bracket, specified by the manufacturer, or sold with the apparatus.

Important Safety Instructions

- 14) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 15) Do not operate the unit if it is not working normally or has been damaged in anyway.
Turn the unit off, unplug it from the power source and consult service personnel. Do not attempt to service this unit yourself.
- 16) 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.
- 17) Do not listen to headphones at high volumes; the excessive sound pressure from earphones can cause hearing loss.
- 18) Keep the player clean and never store it next to a heat source or in dirty, humid or wet places. Keep it out of direct sunlight.
- 19) Press the Player's button gently. Pressing them or the screen too hard can damage the player.
- 20) Do not subject the product to harsh impacts. Do not drop the appliance. This may result in damage to the product.
Do not touch, push or rub the surface of the LCD screen with any sharp or hard objects. When the surface of the LCD screen becomes dusty, wipe it entirely with an absorbent cotton cloth or other soft material like chamois. Do not use acetone, toluene or alcohol to clean the surface of the screen. These chemicals will cause damage to the surface.
- 21) Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

WARNING: To reduce the risk of fire or electric shock, this apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

 <div>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</div>  <p>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.</p>	 <p>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.</p>  <p>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.</p> <p>5B-En</p>
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Apparatus with Class I construction shall be connected to a Mains socket outlet with a protective earthing connection.

WARNING

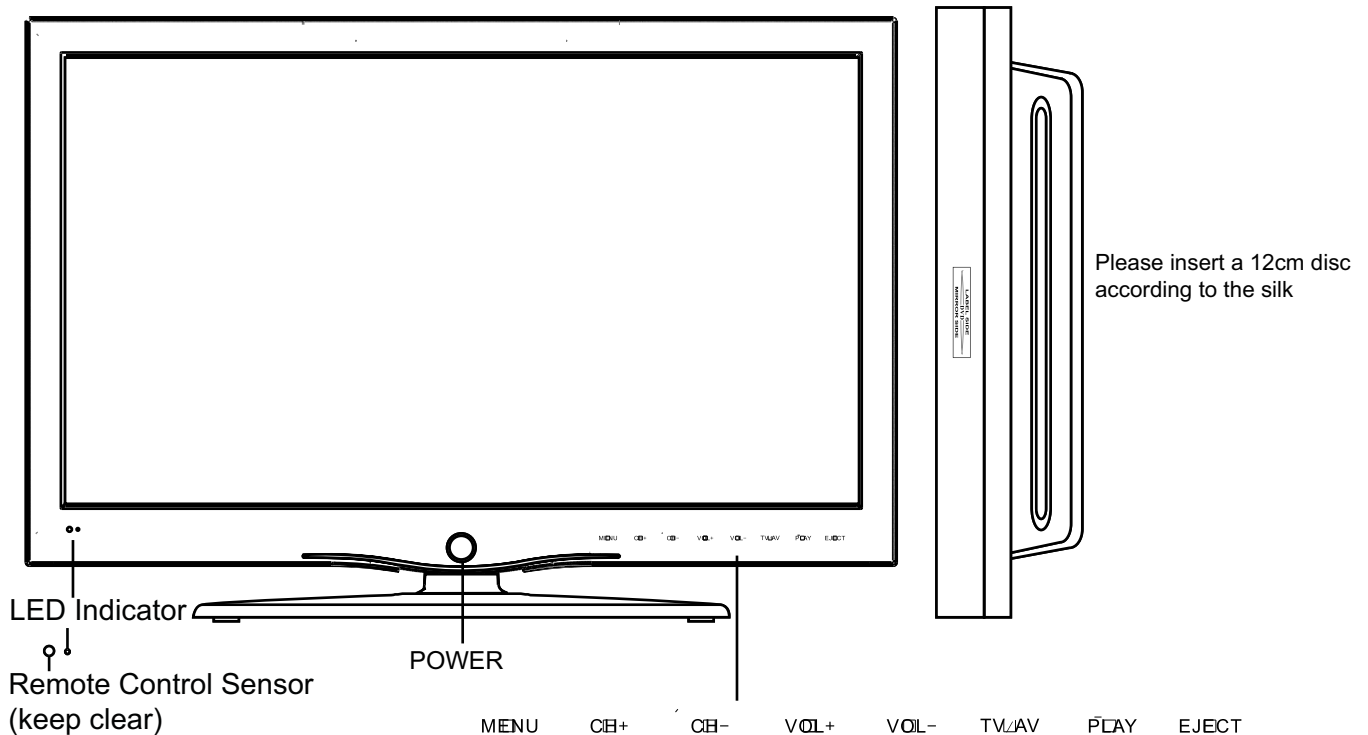
TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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.

Overview

Front View



- MENU:** Display/exit the OSD menu.
- CH+/-:** Scan through channels.
- VOL+/-:** Adjust the volume.
- TV/AV:** Display the input source menu.
- PLAY:** Play / Pause the disc playing
- EJECT:** Eject the disc.
- POWER:** Turn on/standby the TV set.

Accessories

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



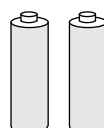
User's Guide



Mains cable



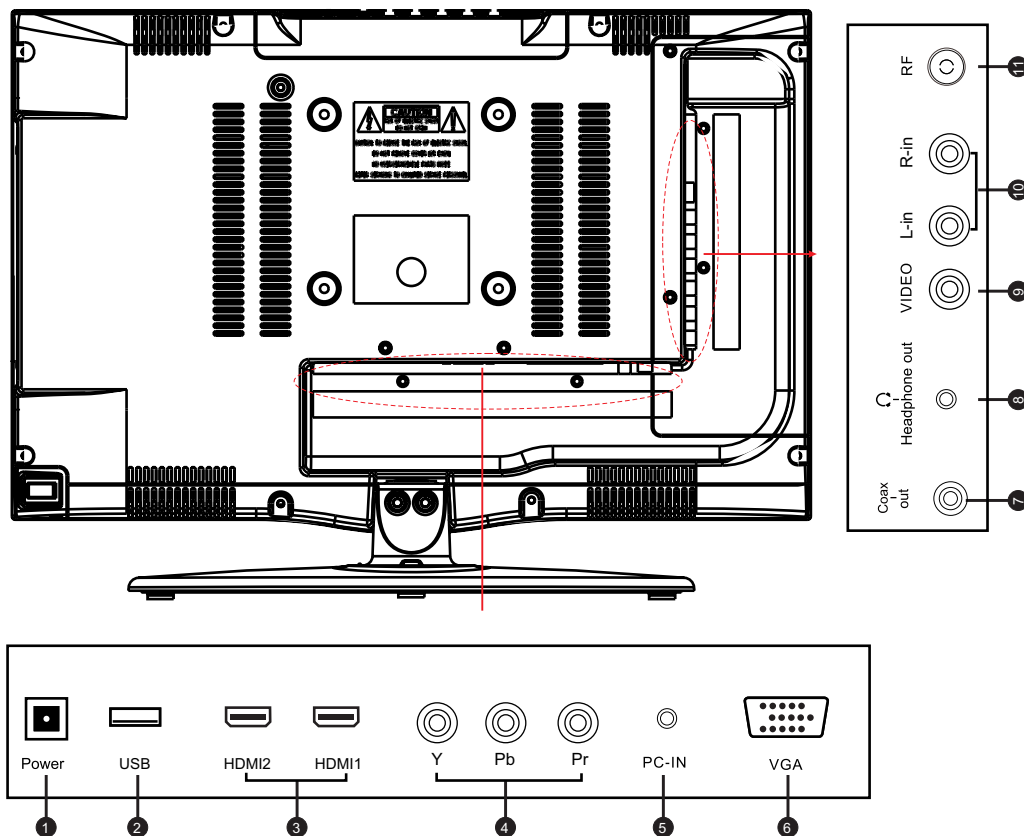
Remote Control



Batteries (2xAAA)

Overview

Back View

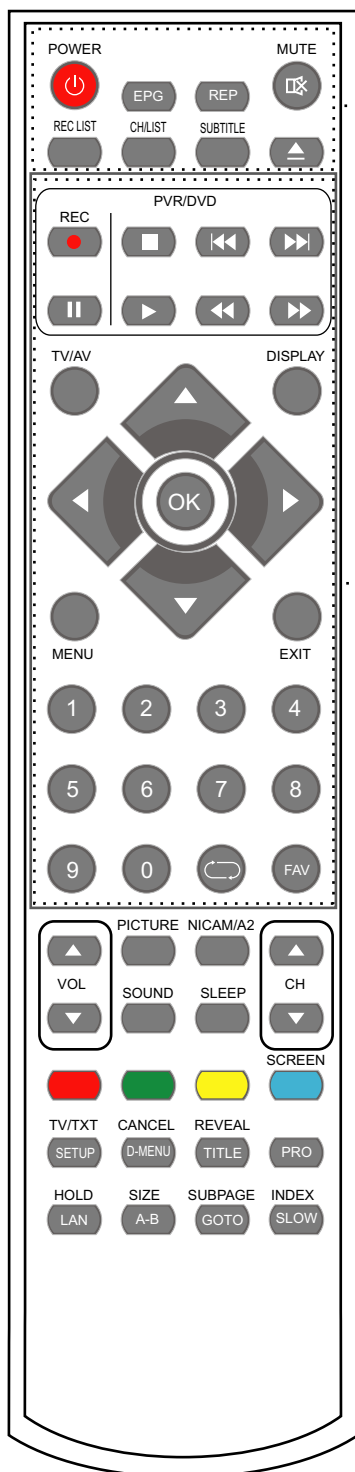


- 1. POWER:** Connect to the mains adaptor.
- 2. USB:** USB jack.
- 3. HDMI1/2:** Connect it to the HDMI of DVD or other equipment.
- 4. YPbPr:** Connect them to the YPbPr video output terminal of DVD.
- 5. PC-IN:** Connect it to the audio output terminal of PC.
- 6. VGA:** For PC display. Connect it to the D-Sub 15 pins analog output connector of the PC.
- 7. Coax-out:** Digital output to AV receiver.
- 8. Headphone out:** Connect it to your headphone or other audio equipment.
- 9. VIDEO:** Connect it to video output terminal of DVD.
- 10. R/L in:** Connect them to the audio output terminal of DVD.(shared with YPbPr)
- 11. RF:** Connect antenna or cable 75 Ohm coaxial to receive TV signal.

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.

REC LIST: Record List.

CH/LIST: Display the programs list.

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

EPG: To show the Electronic Program Guide during no-menu state only in DTV mode.

REP: Repeat playing the title or chapter.

▲ : Load/eject DVD disc.

PVR/DVD

REC ● : Press to start record the program in DTV mode.

■ : Stop program.

◀◀ : Previous chapter.

▶▶ : Next chapter.

|| : Pause program.

▶ : Play program.

◀◀ : Fast reverse.

▶▶ : Fast forward.

TV/AV: Press to display the input source menu.

DISPLAY: Press to display the current mode's information.

MENU: System setup menu.

EXIT: Exit the OSD menu.

FAV: Display the favorite program list.

NUMBER BUTTONS

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

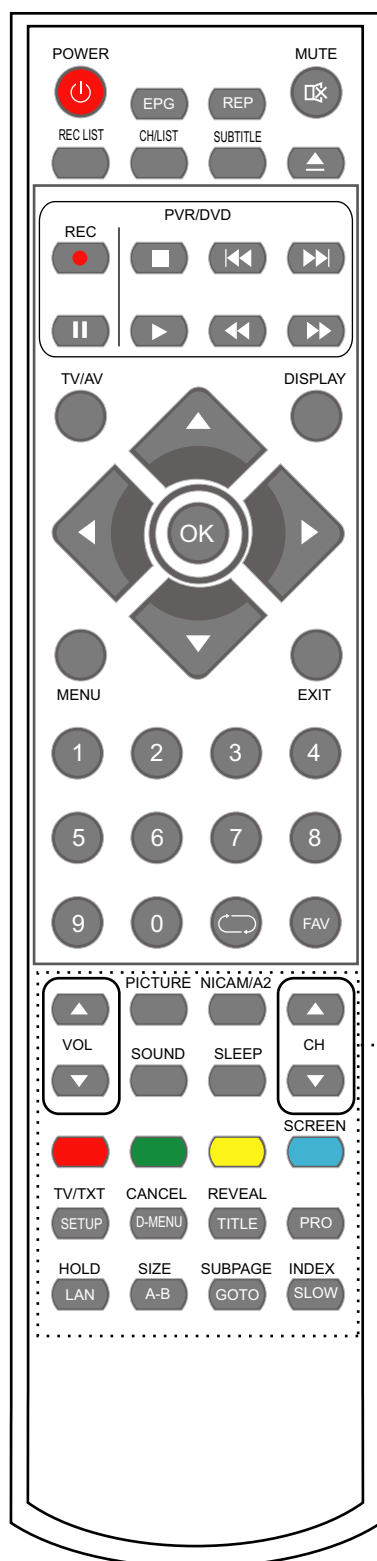


Return to the previous channel viewed.

CURSOR KEYS (▲/▼/◀/▶/OK)

Allows you to navigate the on-screen menus and adjust the system settings to your preference.

Remote Control



CH▲/▼ : Scan through channels.

VOL▲/▼: Adjust the volume.

PICTURE: Select the picture mode.

NICAM/A2: TV Nicam/A2 select.

SOUND: Select the sound mode.

SLEEP: Standby timer.

SCREEN: Turn on/off the screen.

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

CANCEL: Cancel the Teletext display.

REVEAL: Reveal any hidden text.

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, press again to cancel.

INDEX: Go to index.

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

SETUP: DVD system setup.

D-MENU: DVD play list/Disc menu.

TITLE: DVD title.

PRO: Edit the program and play.

LAN: Select DVD disc language.

A-B: Select and play the preferable paragraph of DVD program by pressing this key twice at the beginning and end of it.

GOTO: Play your favorite title/chapter/track.

SLOW: Play DVD programs at slow speed.

Basic Operation

Power on/off

- 1. Connect to the power supply with a power code and an 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

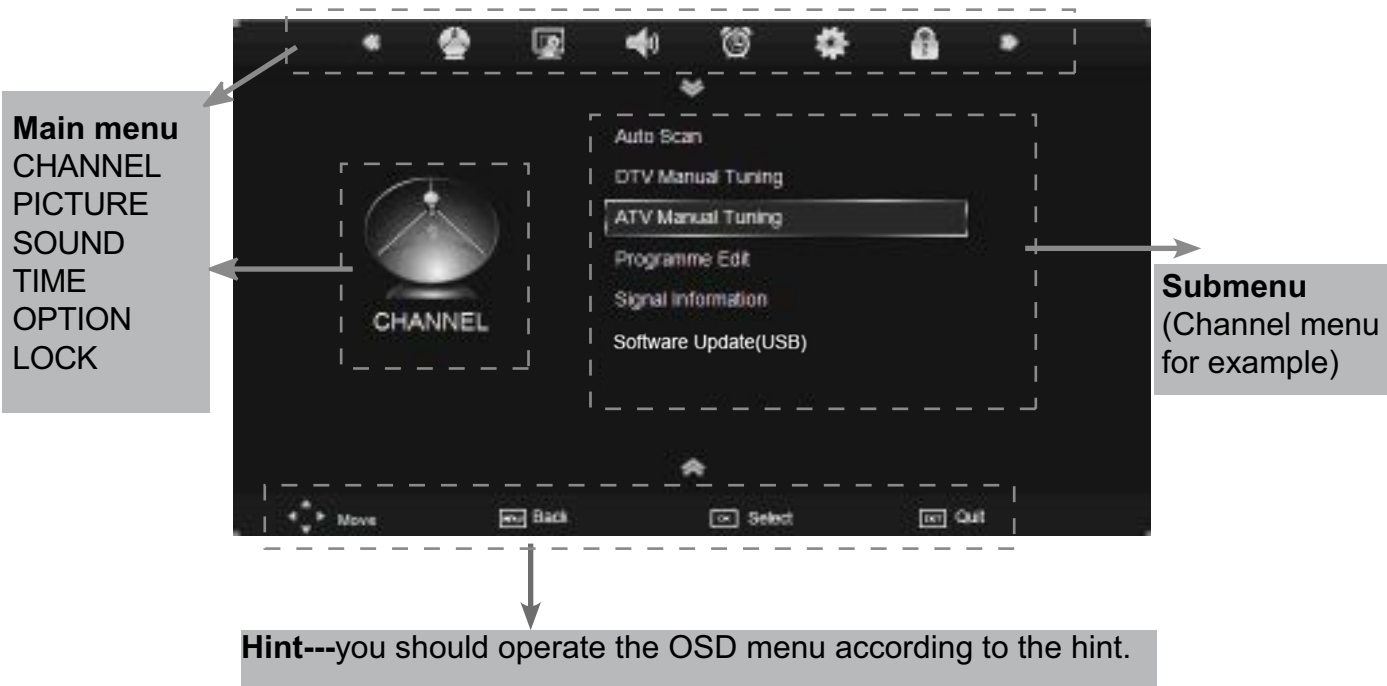
Press **TV/AV** button on the TV set or remote control to display input source menu, and use **CH+/-** button on the TV set or **^/v** button on remote control to select the input source, press **OK** button on the remote control to enter.

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

Input Source	
DTV	
ATV	
YPBPR	
DVD	
PC	
HDMI	
AV	
USB	
◀ Move	OK Select EXIT Quit

Basic OSD Menu operation

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



Use **</>** button to select the main menu, and press **v** button to enter the submenu.
In the submenu, use **^ / v** button to select the function item, press **</>** button to adjust/setup, or press **OK** button to enter the submenu.
* (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: The OSD menu controls vary - see hints at the bottom of the screen.

OSD Menu

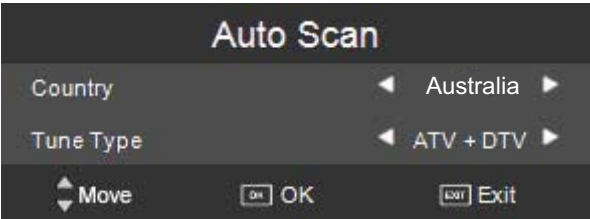
1. CHANNEL menu



Description

Auto Scan

Press **OK** button to enter the hint menu, and select the Country and Tune Type mode for the TV, then press **OK** button to start auto tuning.



DTV Manual Tuning

Press **OK** button to enter the DTV Manual Tuning menu, select a DTV channel, and press **OK** button to start searching.



ATV Manual Tuning

Press **OK** button to enter the ATV Manual Tuning menu.

Storage To: Select a position for storing the program.

System: Select a TV system for searching.

Current CH: Select the channel you want to manual tuning.

Search: Press < / > button to manual search.

Fine-Tune: Press < / > button to fine-tune.

Frequency: Display the current frequency.

*Note: Press **RED** button to save all the setups you have changed.*



OSD Menu

Programme Edit

Press **OK** button to enter the Program Edit menu as the following picture.



Delete: Select a channel and press **RED** button, “Delete” will appear on the right of the program edit menu next to the channel you have chosen, then press **RED** button again, the program will be deleted. However if you decide not to continue to delete press the menu button to quit.

Move: Select an channel, and press **YELLOW** button, then you can use \wedge and \vee buttons to change the position of the program, press **YELLOW** again to confirm the change. Press menu to exit and it will automatically save the current set.

Skip: Select a channel and press the **BLUE** button to label the channel, as long as the channel has a skip label it will be skipped when searching through the channels with the CH+/- buttons.

Rename: Select an **ATV** channel and press the **GREEN** button to change the name of the channel by \wedge \vee $<$ $>$ buttons

FAV: Select a program, press **FAV** button to set or delete the program as the favorite channel.

Signal Information

Display the signal information in DTV mode.

Software Update(USB)

Press **OK** button to enter the menu, and update the software by the USB device.

(Do this only on advice from Customer Support)

OSD Menu

2. PICTURE menu



Description

Picture Mode: Choose from Standard, Dynamic, User and Mild.

Note: *Contrast, Brightness, Color and sharpness are only available and can be adjusted in the User mode option in the Picture Mode Settings.*

Contrast: Controls the difference between the brightest and darkest regions of the picture.

Brightness: Controls the overall brightness of the picture.

Color: Control the color.

Sharpness: Increase this setting to see crisp edges in the picture; decrease it for soft edges.

Tint: Controls the tint (NTSC mode only).

Color Temperature: Choose from Medium, Cool, User and Warm.

Red: Controls the red colour of the picture.

Green: Controls the green colour of the picture.

Blue: Controls the blue colour of the picture.

Aspect Ratio: Choose from 4:3, 16:9, Zoom1, Zoom2, Just Scan and Panorama.

Note: *The aspect ratio modes you can select depend on the current input source.*

Noise Reduction: Choose interference noise modes: Off, Low, Middle, High and Default.

Screen(PC mode only): Press **OK** button to enter the submenu to adjust Horizontal / Vertical position, Size or Phase of the picture.

OSD Menu

3. SOUND menu



Description

Sound Mode: Allows you to select among: Standard, Music, Movie, Sports and User.

Treble(Could be adjusted when the sound mode is User): Controls the relative intensity of higher pitched sounds.

Bass (Can be adjusted when the sound mode is set to User): Controls the relative intensity of lower pitched sounds.

Balance: To adjust the balance of the left and right sound track, or turn off the volume of the left and right sound track.

Auto Volume: Control the volume of the program automatically when you turn on the function by selecting "On".

Surround Sound: Turn on/off the surround sound function by selecting "off"/"surround".

SPDIF MODE: Allows you to select among: Off, PCM and Auto.

OSD Menu

4. TIME menu



Description

Clock: Use the < and > buttons to select the position, and use the ∨ and ∧ buttons to set the time.

Note: *User can not change time manually during DTV mode, for time is from signal source directly.*

Off Time: Press **OK** button to enter the submenu, you could set the time when the TV set will be turned off automatically, you could also set the frequency.

On Time: Press **OK** button to enter the submenu, you could set the time when the TV set will be turned on automatically, you could also set the frequency, volume and program.

Sleep Timer: Allows you to setup the sleep timer among: 10min, 20min, 30min, 60min, 90min, 120min, 180min, 240min and off.

Auto Sleep: Turn on/off the auto standby function.

Time Zone: Allows you to select the time zone.

OSD Menu

5. OPTION menu



Description

OSD Language: Allows you to select menu language.

Audio Language 1st/2nd (can be selected in DTV mode): Allows you to select first and second audio language.

Subtitle Language 1st/2nd (can be selected in DTV mode): Allows you to select first and second subtitle language.

OSD Duration: Allows you to setup the time of the menu display on the screen among: 5s, 10s, 15s, 20s, 25s, 30s, 35s, 40s.

Country: Display the current Country, and you should select the Country when you want to auto-tune channels.

Restore Factory Default: Press **OK** button to restore factory default.

OSD Menu

6. LOCK menu



Description

Lock System: Turn on/off the Lock System function.

Note: *You should enter the code to operate the menu.(original code is 0000)*

Set Password: Set pin code. If the Pin code has been changed you must enter the newest code.

New : Enter the new password.

Confirm: Enter the new password again.

Block Program: Lock the channel, you have to enter the code to view the channel. Use \wedge and \vee buttons to select the channel, and press the **GREEN** button on the remote control to lock the channel or cancel.

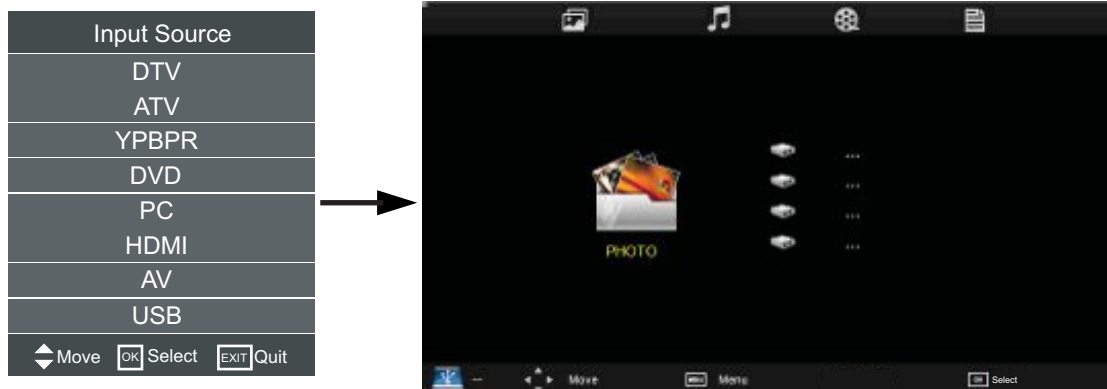


Parental Guidance: Allows you to select the Parental Guidance mode.

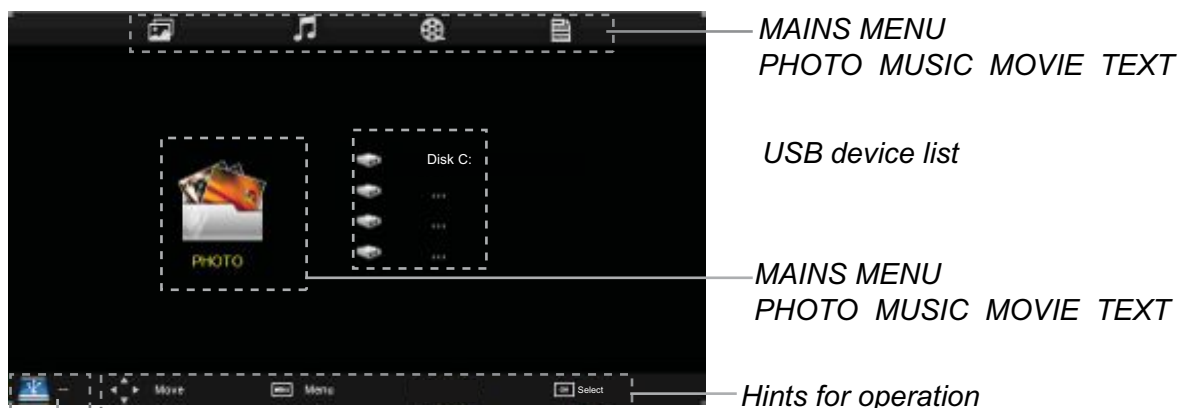
Multimedia Operation

Basic Operation

1). Press the TV/AV button on the remote control to display the input source menu, select USB source by the ◀ / ▶ buttons, and press OK button to enter the Multimedia menu seen below.



2). Insert USB device, you will find the name of the device display on the screen.



Hints and informations of USB device

3). Press </> button to select the kind of the files in the device you want to program from PHOTO, MUSIC, MOVIE and TEXT. Press ^/v button to select the device and press OK button to enter.



Press </> / ^/v buttons to move , and press OK button to select the file or unfold the folder, Then press ▶ button to program the files (be signed) you select or the files in the fold you select, You can display the option table on the bottom of the screen by OK button, press ■ button to hide. Press ■ button to stop and exit the full screen program.

Multimedia Operation

1. Photo

Play the photo



Press \langle / \rangle button to select the option on the table, and press **OK** button to change.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.

Music: Play/pause the music program (you can only play or pause the music you have programmed).

Playlist: Display the playlist on the screen, and you can select the photo by \wedge / \vee button, and press **OK** button to program. Press \langle / \rangle button to return to the options table.

Info: Display the information of the photo.

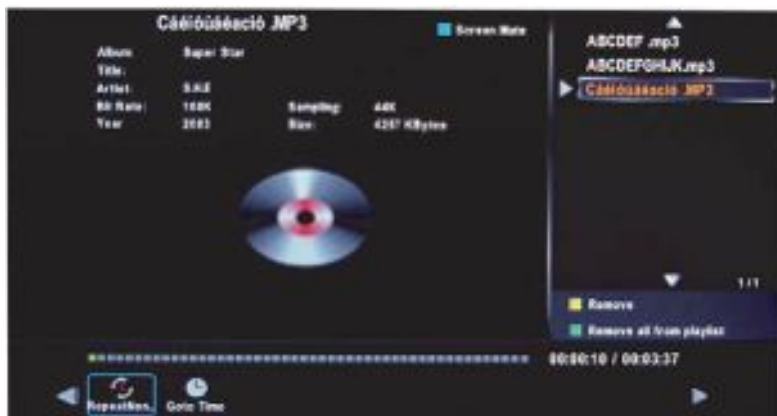
Rotate: Rotate the photo clockwise/counterclockwise.

Zoom Out/In: Zoom out/in the photo.

Move View: Move the photo in Zoom in mode.

2. Music

Play the music



Press \langle / \rangle button to select the option on the table, and press **OK** button to change.

Press \wedge / \vee button to select the music, and press **OK** button to program.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.

Goto time: Program the music from the time you set.

Press **OK** button to display the time table, and select the position by $\langle / \rangle / \wedge / \vee$ button, set the time by the number buttons, select "OK" and press **OK** button to search.

Screen Mute: Press **BLUE** button to enter the Screen Saver mode, press again to exit.

Multimedia Operation

3. Movie

Play the movie



Press </> button to select the option on the table, and press **OK** button to change.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.

Set A-B: Select and play the preferable paragraph of the program by setting A and B at the beginning and end, and there will be a sign on the left screen, press **OK** button again to cancel.

Playlist: Display the playlist on the screen.

Info: Display the information of the movie.

Slow: Play the programs at slow speed, press ► button to cancel.

Step: Step the programs by **OK** button, press ► button to cancel.

Goto Time : Program the movie from the time you set.

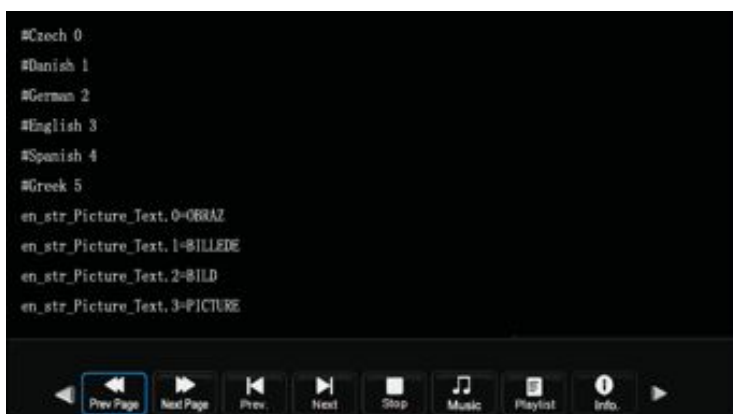
Zoom out/in: Zoom out/in the movie screen.

Aspect Ratio: Select the aspect ratio of the screen display.

Move View: Move the photo in Zoom in mode.

4. Text

Play the text



Press </> button to select the option on the table, and press **OK** button to change.

Prev/Next page: Turn to previous/next page of the text.

Prev./Next: Turn to previous/next file.

Stop: Stop auto turning pages.

Music: Play/pause the music program.

Playlist: Display the playlist on the screen.

Info: Display the information of the text.

Recording Operation

PVR settings

Press the MENU button, and select CHANNEL menu.



1). Recorded List



Display the recorded list

Recorded list: Display the Recorder List menu, and changed the mode of program.

INFO: Display the information of the program you recorded.

RED button: Delete the program you select.

2). Recording Timer



Set the Recording Timer

The TV will record the program automatically according to your settings.

TITLE: Display the name of the recording program.

MODE: Select the record mode.

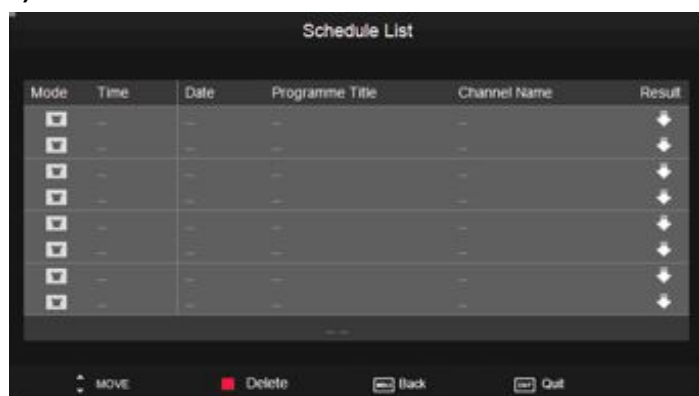
Start Time: Set the start recording time.

End Time: Set the end recording time.

Press **OK** button to save the setting and exit the menu.

Recording Operation

3). Schedule List



Mode	Time	Date	Programme Title	Channel Name	Result
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--

MOVE Delete Back Quit

Display the recorder shedule

Note: a. Could't add shedules which have existent on the list;

b. Could't add shedules when the list is full, you have to delete some schedules;

c. You could delete a schedules by RED button on the remote control.

4). PVR File System



Select Disk	--
Check PVR File System	--
USB Disk	--
Format	--
Time Shift Size	--
Speed	--

Move Select Back

Setup the PVR File system before you start recording.

Select Disk: Select the device for the Record files.

Check PVR File System

USB Disk: Display the USB state.

Format: Format the USB device for PVR operating.

Time Shift Size: Display the size of the USB device (The device has been formatted).

Speed: Display the speed of the USB device (The device has been formatted).

Recording Operation

5) Record Start

When you finish the settings above, you could start recording by select **Record Start** in the menu and press OK button in DTV mode. (You can also start recording by press the ● button on the remote control)

Record buttons

- **Recording**: Press to enter the recording mode.
- || **PAUSE**: Press to enter the timeshift mode.
- Recording list**: Press to display the recording list.
- **Stop**: Press to stop recording.

Recording menu

When you press ● REC button, the screen will display the recording menu as below:



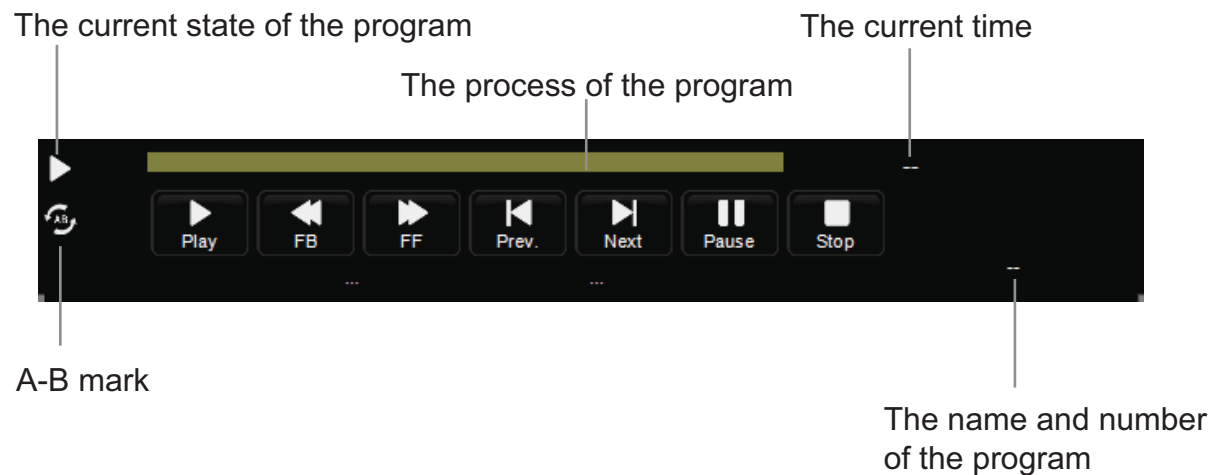
- Note:
- a. You could change the mode of Recording menu by REC/Exit button.
 - b. Press STOP button to exit the recording mode.
 - c. Press PLAY button to play the program you are recording from the beginning.
 - d. Press Recording list button to display the Recorder list, and you could play the program you selected. The recording will be going on, and the Recording menu will display when you exit the Recorder list.

Timeshift

Press PAUSE button to enter the Timeshift mode, and the picture will be paused, the recording will begin.

- Note:
- a. You could change the mode of Timeshift menu by REC/Exit button.
 - b. Press STOP button to exit the Timeshift mode.
 - c. Press PLAY button to play the program you are recording from the beginning.

Playback



DVD Operation

Basic Operation

Press the Power button on the TV or the remote control, then press the TV/AV button to select DVD mode.

If there is no disc in the DVD player the screen will show "NO DISC".

Insert Disc according to picture next to disc slot.

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 TV or the "▲" button on the remote control.

DVD Setup Mode

- Setup Mode provides the menu for the configuration of General Setup Page, Audio Setup Page, Dolby Digital, Setup, Preference Page.
- Item selection in the Setup Menu is done by using the Navigation Arrows, SETUP button and the OK button.
- Press the SETUP button first, enter into SETUP menu, then press the DIRECTION RIGHT button, you can enter into the next Sub-menu.
- Press the SETUP button again to exit the Setup Menu.

General Setup

TV Display

• 4:3 Pan Scan

This is selected when the DVD player is connected to a normal TV. Wide-screen images are shown on the screen, but with some parts cut automatically.

• 4:3 Letter Box

This is selected when the player is connected to a normal TV. Wide-screen images are shown on the screen, with black belt on the top and bottom.

• Wide

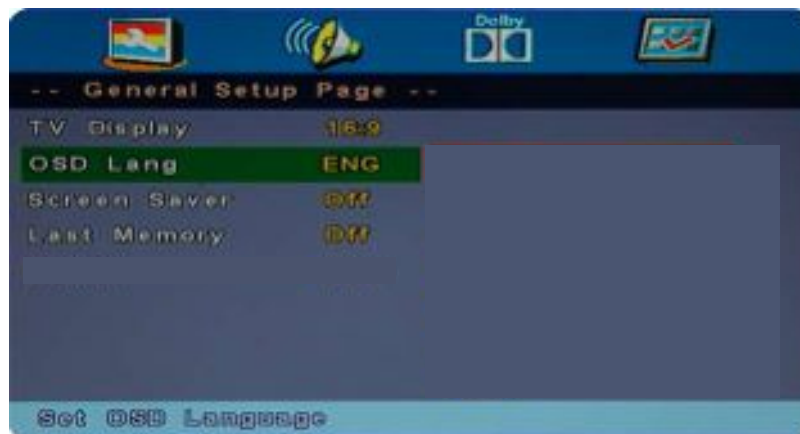
This is selected when the player is connected to a wide-screen TV.



DVD Operation

OSD Language

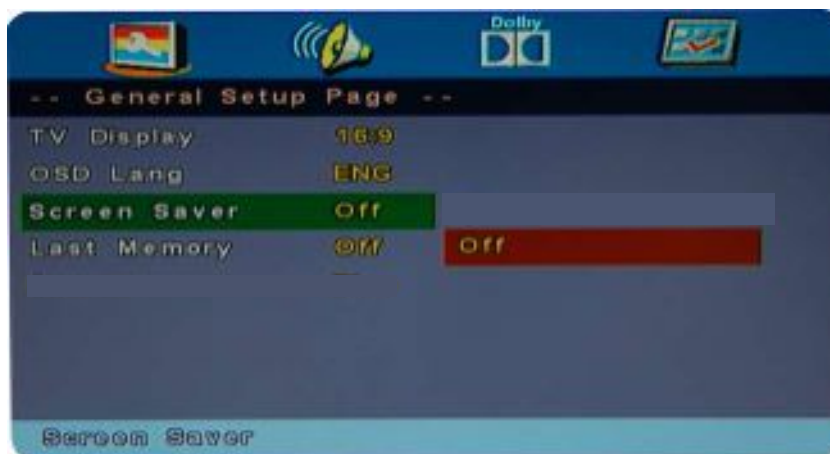
This is used to select the OSD language.



Screen Saver

Start the screen saver, the screen saver image will appear when the player stops or the picture is frozen for a few minutes. This saver can keep the screen from being damaged.

- **On** (Start the screen saver)
- **Off** (Remove the screen saver).



Last Memory

Can set the items on the last memory, "on" and "off" option.

Select "On", the shutdown will shutdown the machine before the settings for memory, re-boot the machine settings. Set near the same time.

Select "Off", every time the machine automatically switched back to the default settings

- **On** (Start the memory)
- **Off** (Remove the memory).

DVD Operation



AUDIO Setup

- **Speaker Setup**

In the "Audio Setup page" press "▼" button to select "Speaker Setup" item, press the "OK ENTER" or "►" button (play) into the "Speaker Setup Page".

DVD Operation



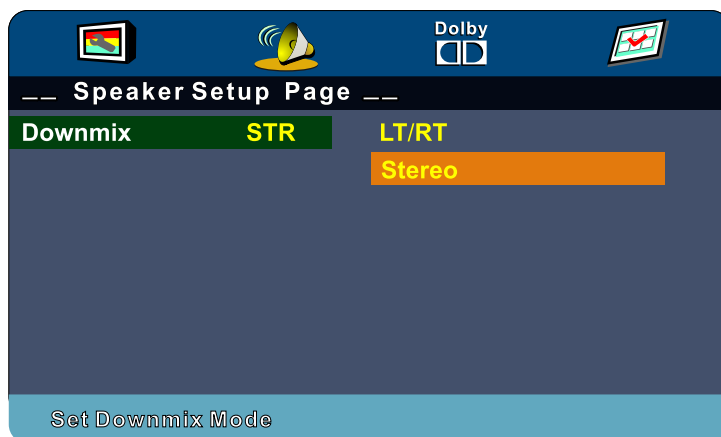
Downmix

- **LT/RT**

A disc recorded multi channel soundtrack, the output signal will be incorporated to left and right channel.

- **Stereo**

A disc recorded multi channel soundtrack, The output signal will be incorporated to stereo.

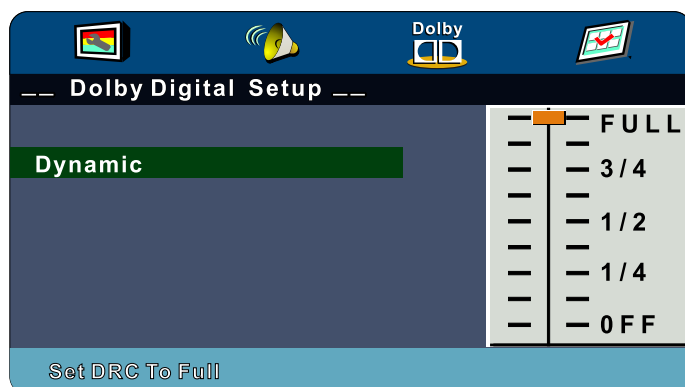


DVD Operation

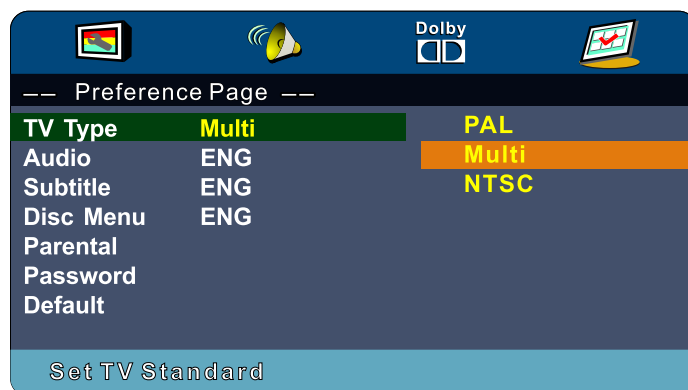
Dolby Digital Setup

Dynamic

This option is used to set the compression ratio in order to control the sound (Volume) contrast.



Preference Setup



You must press **STOP** twice to enter Preference Page or NO disc

TV Type

- **PAL**

This is selected when the player is connected to an PAL System TV.

- **MULTI**

The player will set the TV system according to the disc in the tray.

- **NTSC**

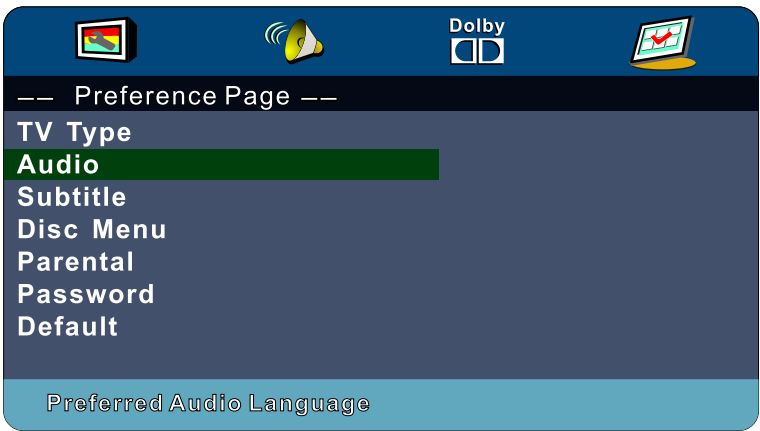
This is selected when the player is connected to a NTSC System TV.

Audio

If a language listed below is recorded on the disc, you can play the sound in such language.

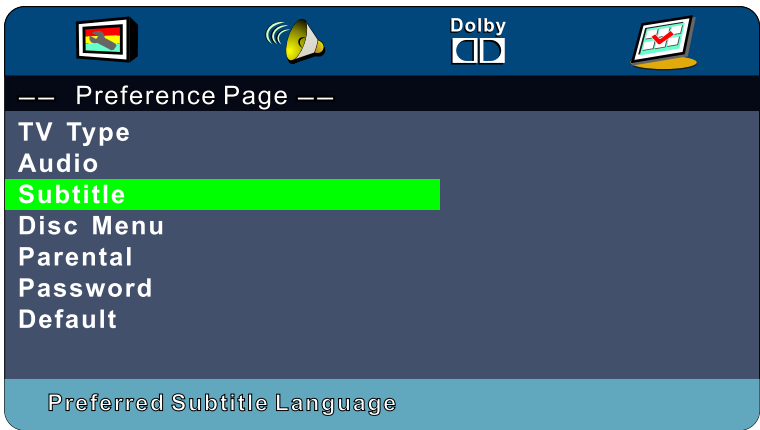
If not, the language recorded will be used.

DVD Operation



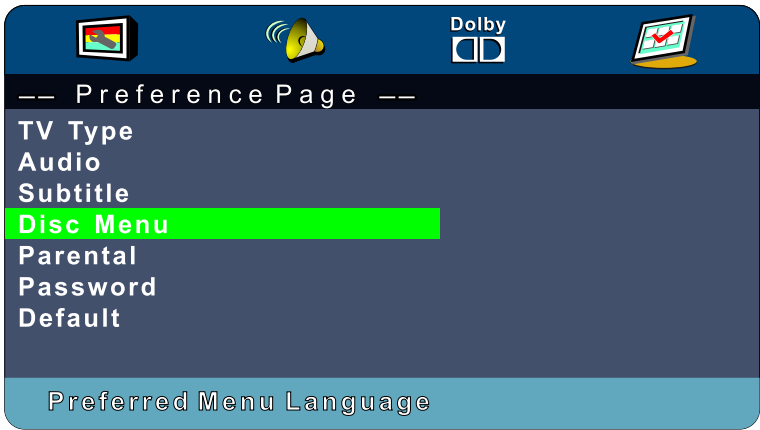
Subtitle

If a language listed below is recorded on the disc, you set the subtitle to be displayed in such language. If not, the language recorded will be used.



Disc Menu

If a language listed below is record on the disc, you can set the Menu to be displayed in such language. If not, the language recorded will be used.

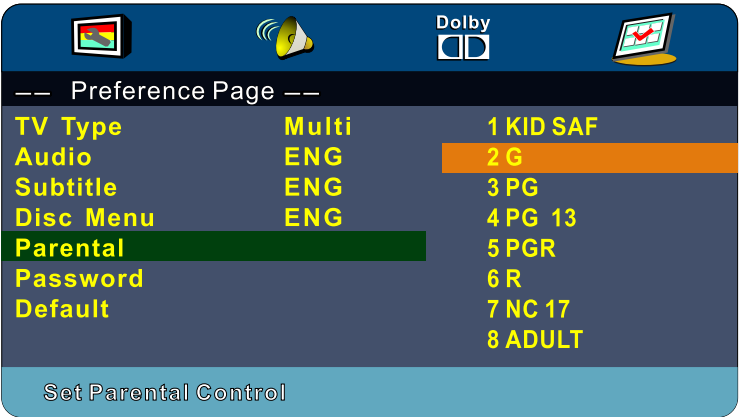


DVD Operation

Parental

When playing disc with parental lock function, you may select an Age Control Grade according to grade of disc and your own preference. For example, if PG is selected, DVD Video disc rated higher than the PG grade cannot be played.

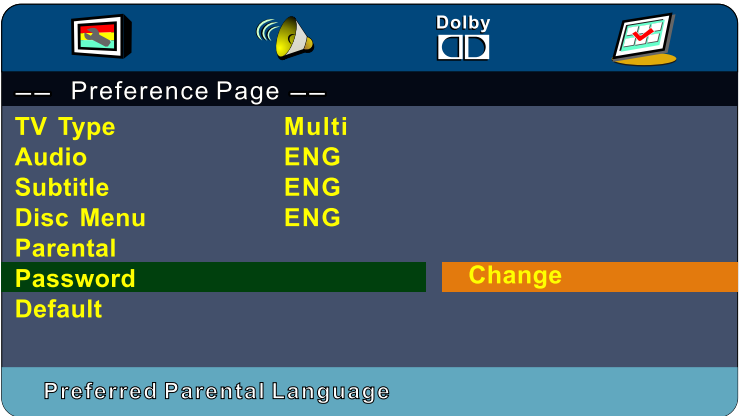
- KID SAFE
- G
- PG
- PG 13
- PGR
- R
- NC 17
- ADULT



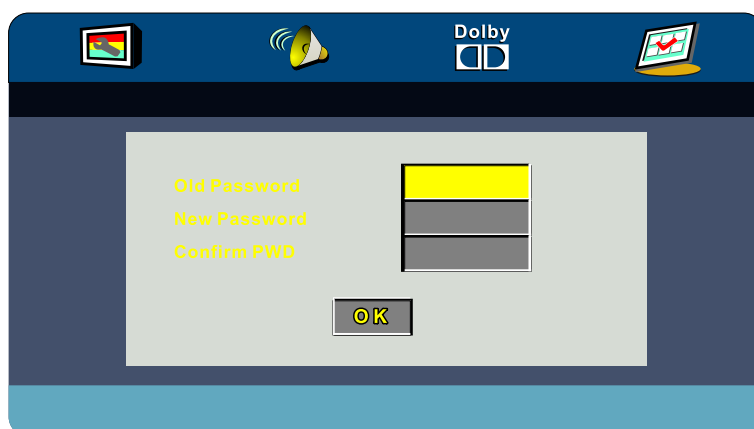
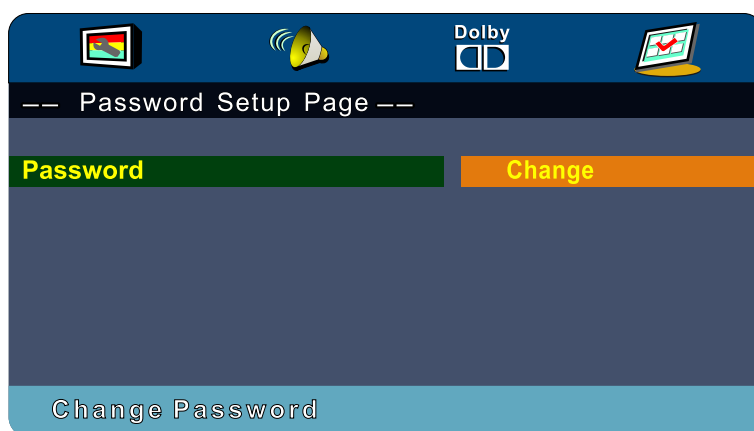
Password

User can change the password that is required when the user wants to change the Age Control Grade in the Parental Lock function.

NOTE:(Default password is 123456)



DVD Operation



Default

User can load the original factory setting by choose RESET and press OK button .



Simple Troubleshooting

If the display fails or performance dramatically deteriorates check the Display in accordance with the following instructions. Remember to check the peripherals to pinpoint the source of the failure.

If the display still fails to perform as expected, connect your helpline for assistance.

No power

- Check all connections to the TV.
- Press either the power button or the Standby button on the Remote control.

No picture or sound

- Ensure that the TV is plugged in and the power is on.
- Ensure that the aerial is connected.
- Try a different programme.

Poor picture quality

- Check the aerial connections.
- Check that the channel is tuned in properly.
- Adjust the picture settings: brightness, colour, sharpness, contrast, hue.
- Make sure that the TV is not located close to electrical appliances that may emit radio frequency interference.

No colour

- Adjust the colour setting.
- Check that the programme is broadcast in colour.
- Check that the channel is tuned properly.

TV does not respond to remote control

- Check that there are no obstructions between the remote control and the unit.
- Check that the remote control is within range of the unit.
- Check that the batteries in the remote control are not weak or exhausted.

This LED 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

LCD Panel	Panel Size	23.6" TFT LED
Max. Resolution		1920 x 1080
Input Connector	VIDEO	1
	YPbPr	1
	VGA	1
	AUDIO (L/R)	1
	PC AUDIO	1
	HDMI	2
	RF	1
	USB	1
Output Connector	HEADPHONE	1
	COAX	1
Main Voltage		DC12V 3.33A
Power		40W

IMPORTANT NOTICE:

This product composes up to 6.0 million cells and a few cell defects may occur in the manufacture of the panel. Several dead pixels (allow up to 2 bright or 2 dark pixels) on the panel are deemed acceptable by the industry standards. In line with manufacturers and would not mean that the panel is faulty. Dead pixels panels with 6 pixels or more within 12 month period, Palsonic Corporation Pty Ltd. complies with industry standard and reserves the right to repair the unit and non-refundable. We hope you will understand that the product that corresponds to this standard is regarded as acceptable.

CB