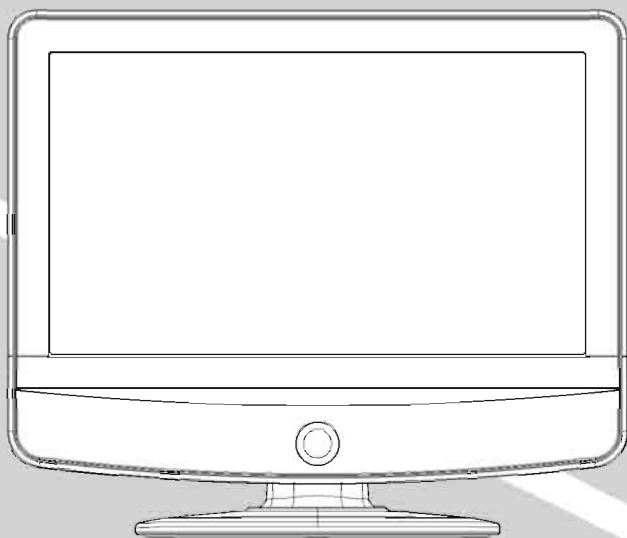


HEC

15.6" LCD TV /DVD COMBO USER'S MANUAL



MODEL# HLTC15DC

Introduction

Thank you for purchasing our LCD TV / PC Monitor.

We hope you have many years of trouble free enjoyment from it.

Please ensure you read this user manual prior to attempting to operate the TV and keep it safe for future use.

INSTALLATION AND SAFETY WARNINGS

- 1) Position the unit on a flat surface avoiding anywhere which may be subject to vibration.
- 2) It is advisable to un-plug both the power and aerial during a storm to avoid damage.
Electrical surges causing damage to the TV are not covered under the manufacturer's warranty.
- 3) Avoid rapid changes in environmental or temperature conditions. Allow the TV to reach room temperature and avoid locating near heat sources, i.e radiators/fires.
- 4) Do not place naked flames, such as candles or night lights near to the TV.
- 5) Do not place ornaments or vases near the TV where liquid spillages could cause a danger.
- 6) Do not locate the TV directly against a wall where it could restrict ventilation to the rear of the TV
- 7) Do not place the TV on or near appliances which may cause electromagnetic interference (such as TV or Hi-Fi Speakers) as these could cause a distorted picture or sound.
- 8) Batteries are a potential choking hazard. Do not allow young children to remove the battery compartment cover on the remote control.
- 9) There are no user serviceable parts inside this TV. Do not remove any of the covers, front or rear, that could expose high voltages from within the TV set.
- 10) If you intend to leave the TV for long periods of time, in the interests of energy consumption, do not leave the TV in standby mode, instead, unplug the TV from the power supply.
- 11) Never display the same image on the TV for long periods of time as this could cause a permanent after-image to remain on the screen. This is called 'screen-burn'. This may also be caused by some channels displaying a static logo in the corner of the screen. Be sure that your chosen channels have constantly moving images to avoid this irreparable damage.

Warning



Warning
Risk of electronic shock
Do not open



Warning: To Avoid the risk of electric shock.
Do not remove cover (or back).
No user-serviceable parts inside.
Refer servicing to qualified service personnel.



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

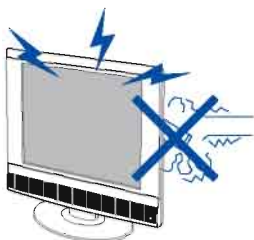


This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Attention:

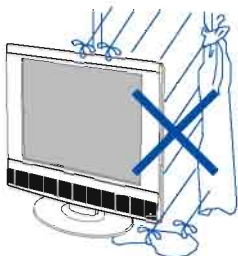
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution



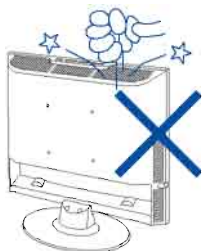
Caution

High voltages are used in the operation of this product. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



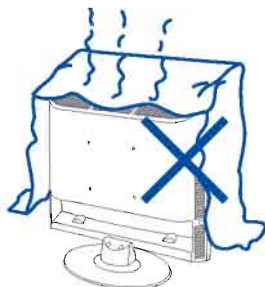
Caution

To prevent fire or electrical shock hazard, Do not expose the main unit or moisture.



Caution

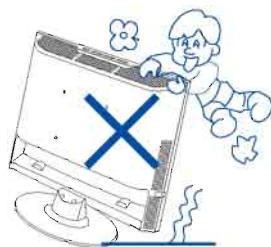
Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



Caution

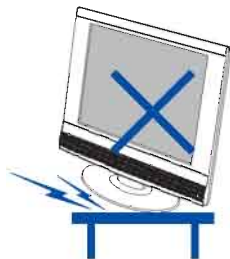
Avoid exposing the main unit to direct sunlight and other source of the heat. Do not stand the television receiver directly on other produces which give off heat. E. g. video cassette players, Audio amplifiers. Do not block the ventilation holes in the back cover. Ventilation is essential to prevent failure of electrical component. Do not squash power supply cord under the main unit.

Caution



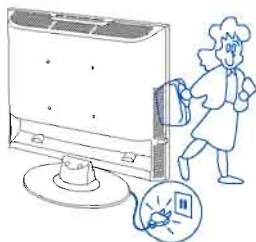
Caution

Never stand on, lean on, push suddenly the product or its stand. You should Pay special attention to children.



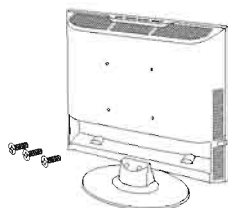
Caution

Do not place the main unit on an unstable cart stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it should fall.



Caution

When the product is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



Caution

Length of screw for wall mount can not exceed 10MM.

Content

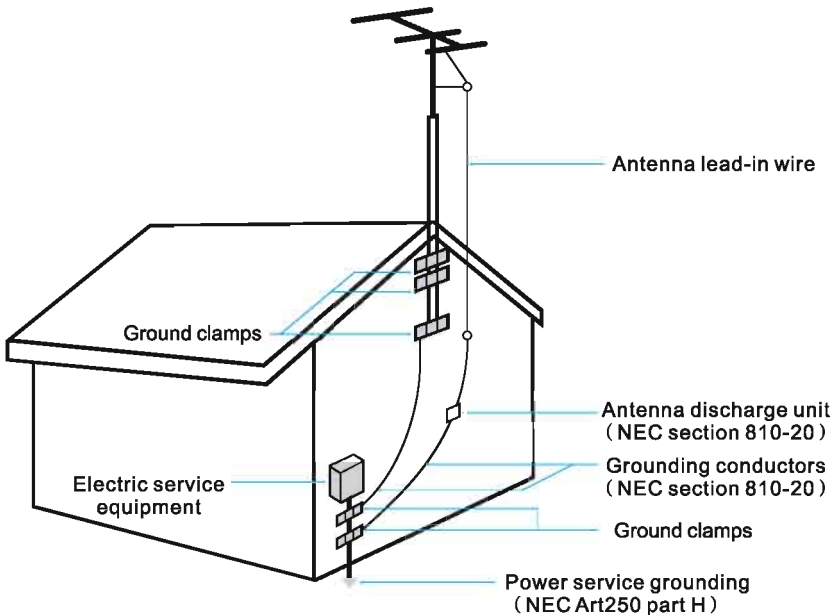
Introduction.....	1
Warning.....	2
Caution.....	3-4
Content.....	5
Example of outdoor antenna grounding.....	6
Cable TV (CATV) connection.....	7
Outdoor antenna.....	8
Main unit description.....	9-10
Remote operation	11-13
Select input source.....	14
Basic Operation	14
TV Mode Operation	15-27
AV /S-Video/YPbPr/HDMI/PC Mode Operation	28-30
DVD Operation	31-42
RGB Input.....	43
Technical feature.....	44
Trouble Shooting.....	45

Example of outdoor antenna grounding

If an outdoor antenna is connected, follow the precautions below

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

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



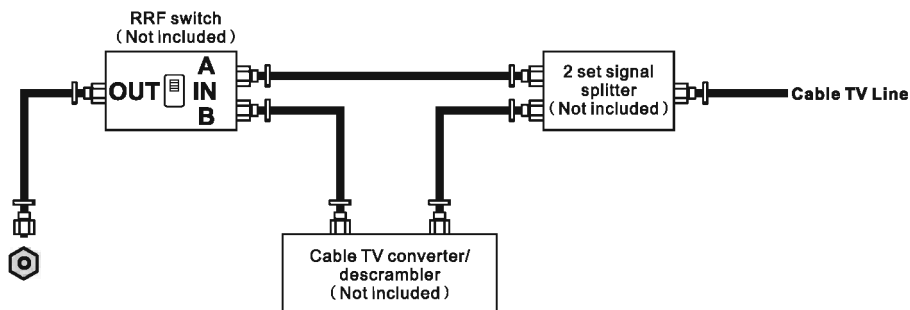
NEC: National Electrical Code

Cable TV (CATV) connection

NOTE TO CATV SYSTEM INSTALLER

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

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

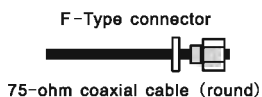


Please note: the RF switch is required to provide two inputs (A and B). (not included), A position on the RF switch (not included); you can view all unscrambled channels by using the TV channel keys. B position on the RF switch (not included); you can view all scrambled channels via the converter/descrambler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

Outdoor antenna

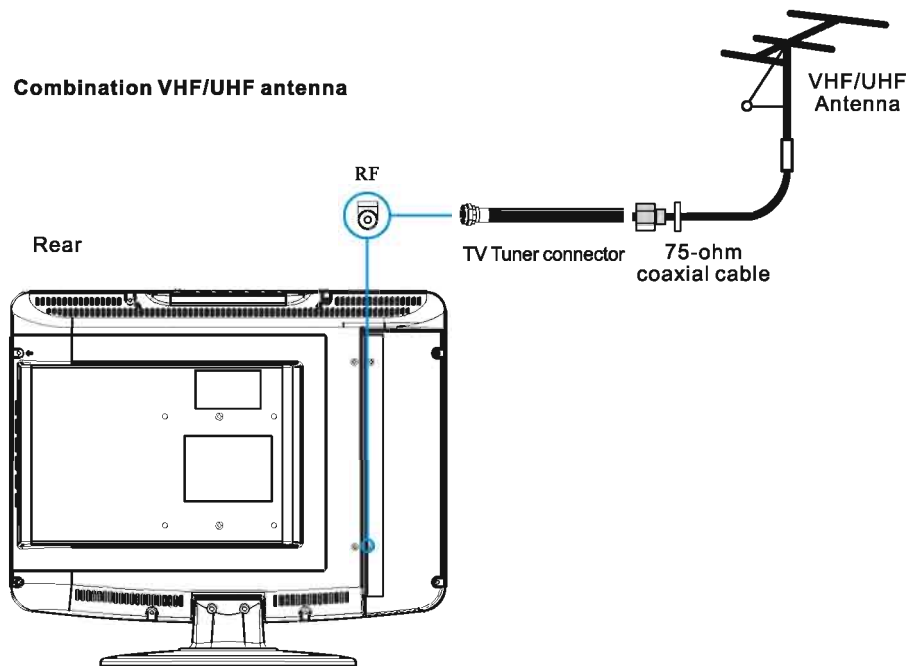
The antenna requirements for a color TV reception are more important than those for a black & white TV reception. For this reason, a good quality outdoor antenna is strongly recommended.

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

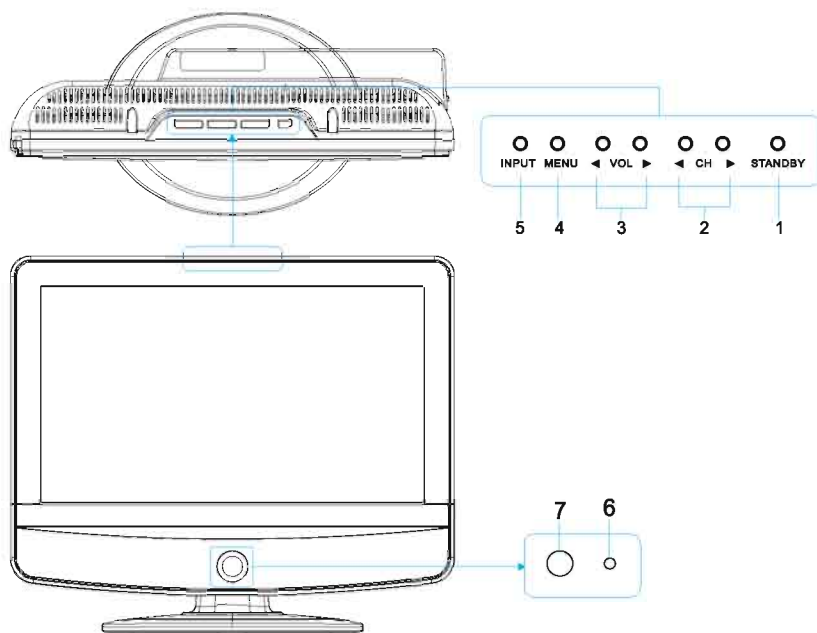


- Connect the outdoor antenna cable lead-in the ANT. Terminal located on the rear of the equipment.

Combination VHF/UHF antenna



Main unit description

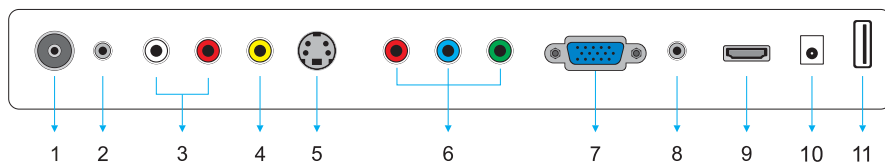
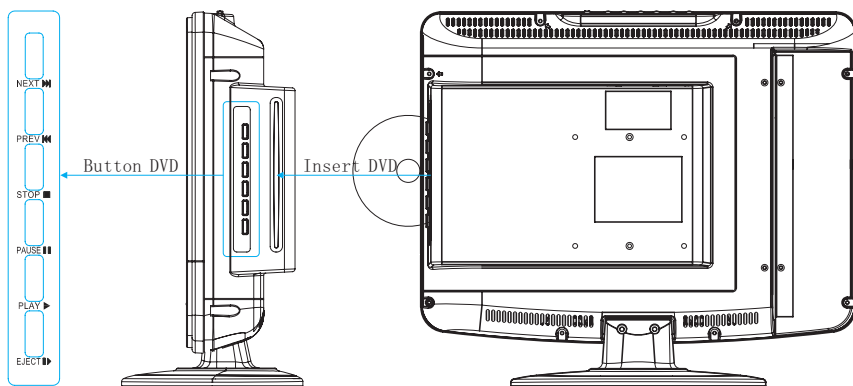


ITEM	BUTTON NAME	FUNCTION DESCRIPTION
1	STANDBY	Switch on the LCD TV when at standby mode or vice versa.
2	◀ CH ▶	Press to scan through channels. To scan quickly channels, press and hold down either +/-button.
3	◀ VOL ▶	Press to increase or decrease the sound level.
4	MENU	Press to bring up the main menu to the screen.
5	INPUT	Press to select the input source.
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.

Note:

The effective receiving scope for the signal is 5-8 meters from the front the front of the remote control window, and 30° to the left or right side and 20° above or below the control window.

Main unit description

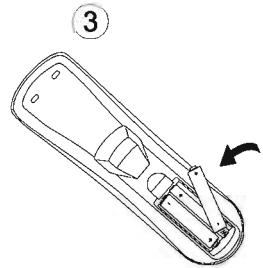
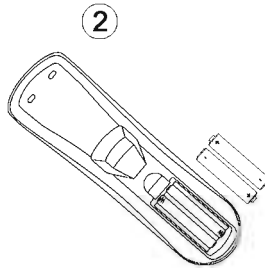
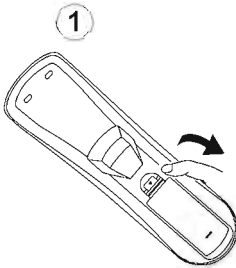


ITEM	JACK NAME	FUNCTION DESCRIPTION
1	ANT	Connect antenna or cable 75Ohm coaxial to receiveTV signal.
2	HEADPHONE OUT	Connect the headphone.
3	AUDIO INPUT	Connect the Left and right Audio output jack of DVD or VCR for CVBS-VIDEO.
4	VIDEO INPUT	Connect the Video output jack of DVD or VCR .
5	S-VIDEO INPUT	Connect the S-VIDEO output jack of DVD or VCR.
6	COMPONENT INPUT	Connect them to the video output terminal of DVD.(used in HD TV source).
7	VGA INPUT	Connect the PC-RGB output jack of PC .
8	PCAUDIO INPUT	Connect the Audio output jack of PC.
9	HDMI INPUT	Connect the HDMI output jack of DVD .
10	DC12V	Connect to an earth 100-240V,50/60 Hz AC outlets with the Power Cable.
11	USB INPUT	USB slot can only be used for software updating.

Remote Operation

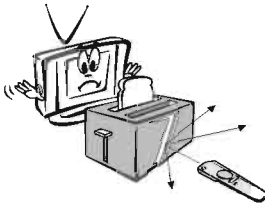
Installing Batteries

1. Slide to the direction show as the arrow to open the cover of the batteries on the back of the remote control.
2. Load two AAA alkaline batteries in the compartment.
3. Replace the cover of the batteries.



Precautions

Make sure that there is no obstacle between the remote control and television set.



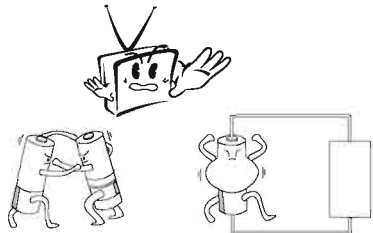
As strong light may interfere the signals, change your position to operate the remote control if the television cannot be turned on or off as you expect.



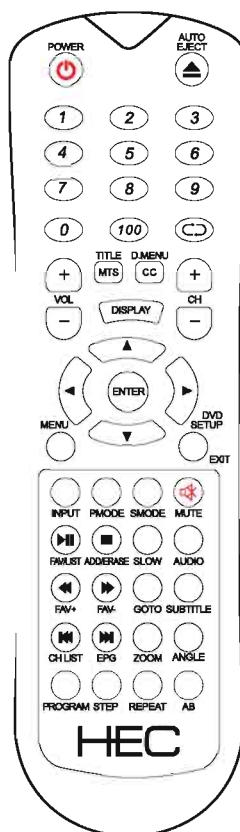
Keep the remote control away from heat source or humid area to ensure effective performance of the remote control.



Make sure that two AAA 1.5V alkaline batteries are loaded. The batteries must be installed properly.



Remote Operation



POWER: Press to turn TV set on or off.

AUTO: Auto config for PC.

EJECT: Open/Close in DVD mode.

0-9: Press the number to choose channel

— : Press more than median to select the channel.

C : Back to the previous watching channel.

VOL-/VOL+: Adjusts the volume.

CH-/CH+: Changes the channels up and down.

TITLE: Press to display the DVD title menu in DVD mode.

D.MENU: DVD MENU in the DVD mode.

MTS: Multi channel audio switch, switch MONO and SAP.

CC : Press for Close Captions.

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

THUMBSTICK (▲▼/◀▶) : Allows you to navigate on-screen menus and adjust system settings to your preference.

ENTER: Press to confirm selections.

MENU: To display OSD menu of TV/AV/S-VIDEO/SCART/HDMI And PC modes.

DVD SETUP: DVD SETUP in the DVD mode.

EXIT: Exit the OSD menu.

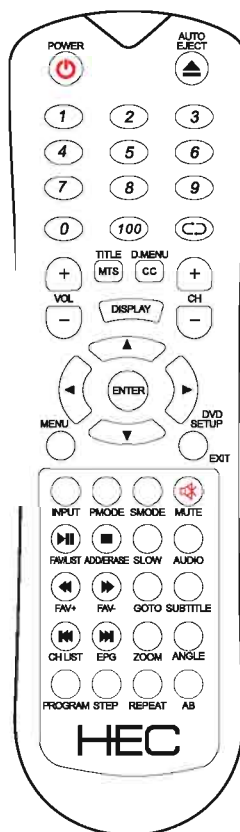
INPUT: Press to select various input sources.

P.MODE: Switch the picture mode.

S.MODE: Switch the sound mode.

MUTE: No sound by pressing this button.

Remote Operation



FAV/LIST : Press this button to enter "Favorite list" menu.

ADD/ERASE: Press ADD/ERASE to add or dele Favorite channel.

SLOW: Press to slow the speed of DVD playing in DVD mode.

AUDIO: Press to select the DVD audio channels in DVD mode.

: Press to play or pause the DVD playing in DVD mode.

: Press to stop the DVD playing in DVD mode.

FAV+: Press this button can select of down in "Favorite list" menu.

FAV -: Press this button can select of up in "Favorite list" menu.

GOTO: Press GOTO to the section you like in DVD mode.

SUBTITLE: Press the SUBTITLE button to select the subtitle on or off.

:Backward key in DVD mode.

:Fast forward key in DVD mode.

CH LIST : Press CH LIST to display channel list.

EPG: Press to show the Electronic Program Guide menu.

ZOOM: DVD ZOOM.

ANGLE: Press ANGLE button to select the picture snigel you like in DVD mode when available.

: Press to advance to previous chapter in DVD mode.

: Press to advance forward to the next chapter in DVD mode.

PROGRAM: To select the DVD program playback.

STEP:Press to STEP the speed of DVD playing in DVD mode.

REPEAT: Repeat playback.

AB: Press to AB playbac.

SELECT INPUT SOURCE

Source Select
TV
AV
S-Video
YPbPr
HDMI
PC
DVD

- Press **INPUT** button to display the Source Select list;
- Press **▼ / ▲** button to select the input source you want to watch;
- Press **ENTER** button to enter the input source;

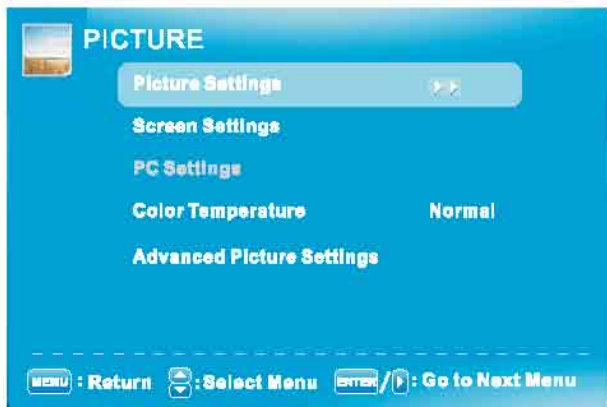
BASIC OPERATION



- Press **MENU** button to display the **MAIN OSD MENU**;
- Press **◀ / ▶** button to select the MENU you want;
- Press **ENTER** button to enter the sub menu;
- Press **▼ / ▲** button to select the option and then press **◀ / ▶** to adjust the value in the sub menu;
- You can press **MENU** button to go back to the upper menu or **EXIT** button to close the OSD.

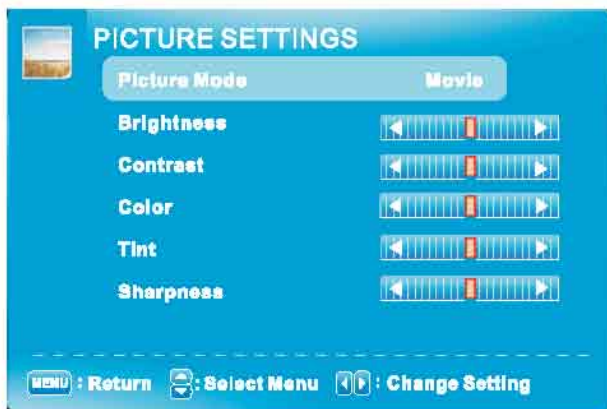
TV Mode Operation

PICTURE MENU



Picture Settings

1. Press ENTER when the Picture Settings item is highlighted. Then you will go the sub-menu as following.
2. Press ▼ / ▲ to select the desired menu item. Press ENTER to proceed if necessary.
3. Press ◀ / ▶ to adjust the item to the desired level.
4. When you have changed the settings, you can exit from the menu by pressing MENU.



Picture Mode

Press ▼ / ▲ button to select Picture Mode, then press ◀ / ▶ button to adjust.
(Available picture mode: Movie, User, Dynamic, Standard.)

Brightness

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



TV Mode Operation

Contrast

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



Color

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



Tint

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



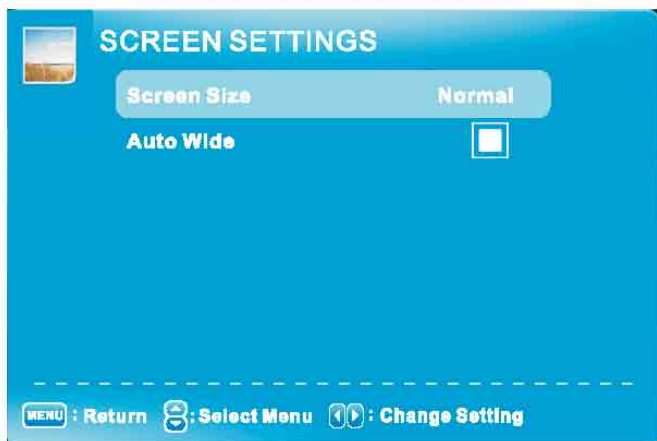
Sharpness

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



Screen Settings

1. Press ENTER when the Screen Settings Item is highlighted. Then you will go the sub-menu as following.
2. Press ▼ / ▲ to select the desired menu item. Press ENTER to proceed if necessary.
3. Press ◀ / ▶ to adjust the item to the desired level.
4. When you have changed the settings, you can exit from the menu by pressing MENU.



Screen Size

Press ▼ / ▲ button to select Screen Size, then press ◀ / ▶ button to adjust. (Available Screen Size: WaterGlass, Cinema, Full, Normal)

TV Mode Operation

Auto Wide

Press ▼ / ▲ button to select the item Auto Wide, then press ENTER button to adjust. When the Auto Wide is selected, the symbol will show as following:

Auto Wide

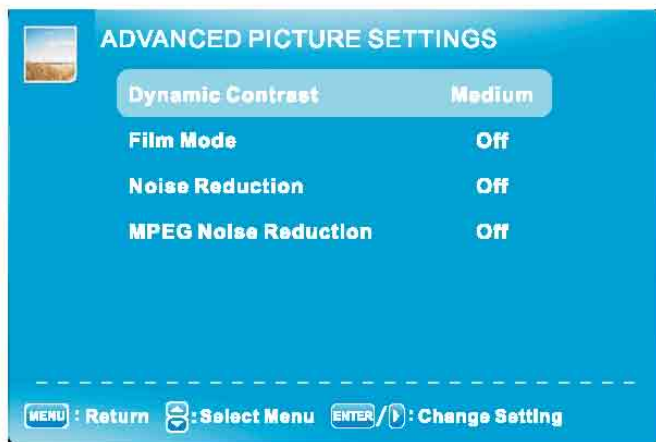


Color Temperature

Press ENTER when the Color Temperature item is highlighted. Then press ◀ / ▶ button to adjust.
(Available color temperature: Cool, Normal, Warm)

Color Temperature
Warm

Advanced Picture Settings



Dynamic Contrast

Press ▼ / ▲ button to select the item SABC, then press ◀ / ▶ button to adjust.
(Available Dynamic Contrast: Medium, High, Off, Low)

Dynamic Contrast
Off

TV Mode Operation

Film Mode

Press ▼ / ▲ button to select the item Film Mode, then press ◀ / ▶ button to adjust.
(Available Film Mode: On/Off)

Film Mode
Off

Noise Reduction

Press ▼ / ▲ button to select the item Noise Reduction, then press ◀ / ▶ button to adjust.
(Available Noise Reduction: Medium, High, Off, Low)

Noise Reduction
Off

MPEG Noise Reduction

Press ▼ / ▲ button to select the item MPEG Noise Reduction, then press ◀ / ▶ button to adjust.
(Available MPEG Noise Reduction: Medium, High, Off, Low)

MPEG Noise Reduction
Off

SOUND MENU



TV Mode Operation

Sound Settings

1. Press ENTER when the Sound Settings item is highlighted. Then you will go the sub-menu as following.
2. Press ▼ / ▲ to select the desired menu item. Press ENTER to proceed if necessary.
3. Press ◀ / ▶ to adjust the item to the desired level.
4. When you have changed the settings, you can exit from the menu by pressing RETURN.



Sound Mode

Press ▼ / ▲ button to select the item Sound Mode, then press ◀ / ▶ button to adjust.

(Available Sound Mode: Standard, Soft, User, Dynamic)

Bass

Press ▼ / ▲ button to select the item Bass, then press ◀ / ▶ button to adjust.



Treble

Press ▼ / ▲ button to select the item Treble, then press ◀ / ▶ button to adjust.



Balance

Press ▼ / ▲ button to select the item Balance, then press ◀ / ▶ button to adjust.



TV Mode Operation

Surround Mode

Surround Mode

Press ▼ / ▲ button to select the item Surround Mode, then press ENTER button to select.

Surround Mode



Analog Sound

Analog Sound

Press ▼ / ▲ button to select the item Analog Sound, then press ◀ / ▶ button to select.

(Available Analog Sound: Stereo, Mono, SAP)

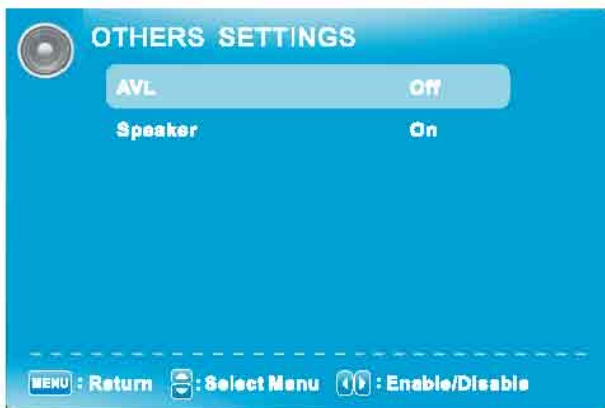
Digital Sound

Digital Sound

Press ▼ / ▲ button to select the item Digital Sound, then press ◀ / ▶ button to select.

(Available Digital Sound: English, French, Spanish)

Other Settings



AVL

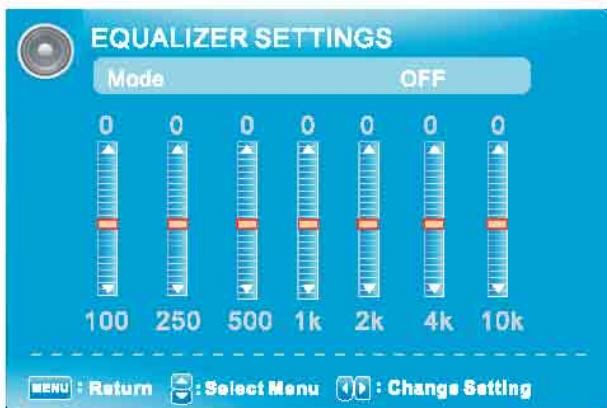
Press ▼ / ▲ button to select the item AVL, then press ◀ / ▶ button to select ON or OFF..

SPEAKER

Press ▼ / ▲ button to select the item SPEAKER, then press ◀ / ▶ button to select ON or OFF.

TV Mode Operation

Equalizer Settings



Equalizer Mode

Press ▼ / ▲ button to select the item Equalizer Mode, then press ◀ / ▶ button to select the desired mode.
Available Equalizer Mode: OFF, ROCK, POP, JAZZ, USER.

CHANNEL MENU

Note: This menu is only shown in TV source.



Channel List

Press ▼ / ▲ button to select Channel List, then press ENTER button to scan the Channel List.

Favorite List

Press ▼ / ▲ button to select Favorite List, then press ENTER button to scan the Favorite Channel List.

Channel Setting

Press ▼ / ▲ button to select Channel Setting, then press ENTER button to set the value in the sub menu.

TV Mode Operation



Channel Number

Press ▼ / ▲ button to select Channel Number , then press ◀ / ▶ button to select the Channel Number you want to set.

In Channel List

Press ▼ / ▲ button to select In Channel List, then press ENTER button to select.

Channel Label

Press ▼ / ▲ button to select Channel Label, then press ENTER button to edit.

Favorite Channel

Press ▼ / ▲ button to select Favorite Channel, then press ENTER button to select.

Signal Type

Press ▼ / ▲ button to select Signal Type, then press ◀ / ▶ button to select the type you want to set.

AUTO CHANNEL SEARCH

Press ▼ / ▲ button to select AUTO CHANNEL SEARCH, then press ENTER button to search channel.
A Channel Search Menu will appear as below.



PARENTAL CONTROL



Input password to enter, default password is "0000".

V-CHIP

Press ▼ / ▲ button to select V-CHIP, then press ENTER button to adjust. A Sub Menu Will appear as below.



TV Mode Operation

CHANGE PASSWORD

Press ▼ / ▲ button to select **CHANGE PASSWORD**, then press **ENTER** button to adjust the value.
A Sub Menu Will appear as below.



The screen displays the 'CHANGE PASSWORD' menu with a lock icon. It contains three input fields: 'Old Pin', 'New Pin', and 'Confirm', each with four digit boxes. At the bottom, there are instructions: 'MENU : Return' and 'OK/ENTER : Password'.

FRONT PANEL LOCK

Press ▼ / ▲ button to select **FRONT PANEL LOCK**, then press **ENTER** button to adjust.



The screen displays the 'Front Panel Lock' option with a checkmark icon, indicating it is currently enabled.

Setup Menu



The screen displays the 'SETUP' menu with a wrench and screwdriver icon. It contains three options: 'Closed Caption' (with a right arrow), 'Menu Language' (set to 'English'), and 'Clock'. At the bottom, there are instructions: 'MENU : Return', 'F2 : Select Menu', and 'ENTER/OK : Go to Next Menu'.

TV Mode Operation

CLOSED CAPTION

Press ▼ / ▲ button to select the item Closed Caption, then press ◀ / ▶ button to adjust.



Caption Display

Press ▼ / ▲ button to select **Caption Display**, then press ◀ / ▶ button to select ON or OFF.

Analog Caption Type

Press ▼ / ▲ button to select **Analog Caption Type**, then press ◀ / ▶ button to select the type.
(Available type: TEXT1, TEXT2, TEXT3, TEXT4, CC1, CC2, CC3, CC4)

Digital Caption Type

Press ▼ / ▲ button to select **Digital Caption Type**, then press ◀ / ▶ button to select the type.
(Available type: Service1~8)

Digital CC Preset

Press ▼ / ▲ button to select **Digital CC Preset**, then press ◀ / ▶ button to select Default or Custom.

Digital CC Style

This menu is only shown when the Digital CC Preset is selected Custom.



TV Mode Operation

CC Size

Press ▼ / ▲ button to select **CC Size** , then press ◀ / ▶ button to set.(Available Size: Small,Standard,Large,Default)

CC Font

Press ▼ / ▲ button to select **CC Font** , then press ◀ / ▶ button to select the Font. (Available type:Style1~7)

CC Opacity

Press ▼ / ▲ button to select **CC Opacity**, then press ◀ / ▶ button to select the Opacity.
(Available Opacity:Flashing,Default,Solid,Translucent,Transparent)

CC Color

Press ▼ / ▲ button to select **CC Color** , then press ◀ / ▶ button to select the color.
(Available Color: Blue, Yellow, Red, Black, White, Green, Magenta, Cyan, Default)

CC Background Opacity

Press ▼ / ▲ button to select **CC Background Opacity**, then press ◀ / ▶ button to select the Opacity.
(Available Opacity:Flashing,Default,Solid,Translucent,Transparent)

CC Background Color

Press ▼ / ▲ button to select **CC Background Color**, then press ◀ / ▶ button to select the Color.
(Available Color: Blue, Yellow, Red, Black, White, Green, Magenta, Cyan, Default)

Menu Language

Press ▼ / ▲ button to select the Item **Menu Language**, then press ◀ / ▶ button to adjust.
(Available Language: English,French,Spanish, German)

TIMER

Press ▼ / ▲ button to select the **TIMER**, then press ENTER to edit.



OTHERS MENU



Blue Back

Press ▼ / ▲ button to select Blue Back, then press ENTER button to select.

No Signal Power Off

Press ▼ / ▲ button to select No Signal Power Off, then press ENTER button to select.

No Operation Power Off

Press ▼ / ▲ button to select No Operation Power Off, then press ◀ / ▶ button to select.

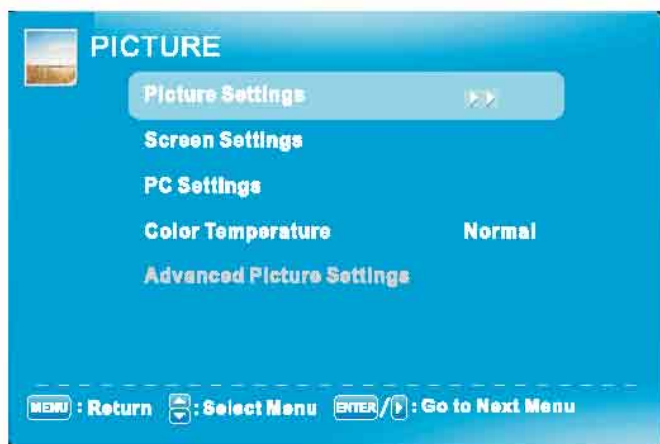
All Reset

Press ▼ / ▲ button to select All Reset, then press ENTER button to execute.

Audio Only

Press ▼ / ▲ button to select Audio Only, then press ENTER button to execute.

PICTURE MENU



SOUND MENU



PARENTAL CONTROL



Input password to enter, default password is "0000".

SETUP MENU



OTHERS MENU



DVD Mode Operation



Basic operation

1. Turn ON and OFF the DVD function

- Turn on the LCD TV and then press **INPUT** repeatedly to select DVD mode.

2. Insert Disc to DVD

- Insert the Disc to the Disc slot (printed side of the disc has to face towards front of the unit), the player will load the disc automatically. There will have an on screen indication "**CLOSE**" then "**READ**". After loading the disc content, it will switch to play mode automatically. If the disc is already placed inside, the disc will be read automatically.

NOTE: For some discs, after loading the content of the disc, need to press **MI** or select from the disc menu to start.

- Please make sure when inserting the Disc, the printed side of the disc should be facing you. When inserting the Disc incorrectly, you may damage the DVD mechanism.

3. Play the DVD

- According to the disc content, the disc menu will display for your selection. When playing the disc, you may use **MI** button to toggle between Play and Pause mode. This product also supports Menu, Title, Sequential and Program playback.

4. Menu playback (for DVD discs)

- Press **D.MENU** button
- For DVD discs, the screen will display the DVD Disc Menu (Root Menu)
- For DVD discs, use the navigation buttons to select and Play the highlighted contents.
- Press **ENTER** or **MI** button to start from the highlighted content.
- Return to the Root Menu when playing the disc.
- For DVD discs, press **D.MENU** to display the Disc Menu.
- **STOP**
- Press **■** button once to stop. Press **MI** button to resume from where you stopped.
- Press **■** button Twice to stop. Press **MI** button to start from beginning.
- In order to protect the disc, press **■** button then press **EJECT** button to take the disc out. When the disc is ejected, hold the disc edge slightly and take it from the eject direction to prevent scratches.
- When not using the DVD function (in stand-by mode or using others modes for a long time), please take out the disc to protect the DVD loader and the disc.

5. Title playback (for DVD disc only)

- Press **D.TITLE** button, there will have an on screen indication "**TITLE**".
- Press the direction or numeric buttons to select your favorite title.
- Then will play from the first chapter of the selected title.

6. Sequential playback (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

- Press **MI** button to start in sequent. For others, while it stopped, press **MI** button to start in sequent.

7. Program playback (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

- Using Program playback, you can select max. 18 tracks from the disc to playback in programmed order.
- OSD for program playback as below.

DVD Mode Operation

DVD /JPEG discs



CD /CD-G/ D-CD discs



- According to the highlight area input the title and chapter number by numeric buttons, press **MI** button to start; or move to the **<PLAY>** by navigation buttons, press **ENTER** button to start.
- While playing the program, you may press **PROGRAM** button to display the program menu for edit. To clear the program by moving to **<CLEAR>** and press **ENTER** button. Or press **■** button to end the program. When press **MI** button again, the disc will play by sequent.
- While playing the program, there will have an on screen indication "PRG PLAY" and the current title and chapter number.

Supporting DVD format

This products can play the following format of DVD disc.

Disc Type	Disc Size (Diameter)	Recorded Time	Recorded Content	Remarks
DVD	12cm	Single side:120mins. Approx	DVD format: Compressed digital audio and video	
		Double side:240mins. Approx		
CD	12cm	74mins. Approx	CD-DA: Digital audio	
HD-CD	12cm	74mins. Approx	HD-DA: Digital audio	
JPEG	12cm	600mins. Approx	Digital audio	

NOTE: Also support DVD-R, CD-R, CD-RW playback.



WARNING! DO NOT INSERT OR PLAY 8CM DISC, THEY WILL GET STUCK.

Region Code all

As it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code into your player you will see the region code notice on the screen. The disc will not playback and should be unloaded. The region code for this player is 1 (refer to the symbols below).



DVD Mode Operation

DVD Functions operating instructions

1. Play (for DVD / CD/ CD-G/HD-CD / JPEG discs)

- For DVD disc, press **▶** button from root or title menu; while playing the DVD, you may play your favorite title directly with title selection by pressing the **D.TITLE** button.
- For CD, CD-G & HD-CD discs, while playing the disc, you may play your favorite tracks by numeric buttons.
- For JPEG disc, you may play your favorite tracks by numeric buttons from the content menu.
- If input track number is not valid, it will not function.

NOTE: From track 1-10, use numeric buttons directly; For tracks over 10, press - / -- button first. (E.g. Track 15, press - / -- then 5)

2. Previous/Next (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

- While playing the disc;
- Press **◀** button to play to the last Title / Chapter / track.
- Press **▶** button to play to the next Title / Chapter / track
- If the current track is the first one, press **◀** button will stop the playback.
- If the current track is the last one, press **▶** button will stop the playback.
- For DVD discs, the above functions may vary due to different DVD disc's structure.

3. Forward/ Backward (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

- While playing the disc, you may use forward or backward function.
- There are 4 speeds for forward. Press **⏭** button to toggle between different speeds in sequent. (FORWARDx2 / FORWARDx4 / FORWARDx8 / FORWARDx20 / Play).
- While in backward, you may press **⏮** to resume normal speed.
- For CD, HD-CD, backward also has audio output.
- For DVD discs, if backward to first title / chapter, it will start from the beginning.

4. Slow motion(for DVD discs)

- While playing the disc, you may use slow motion function.
- There are 6 speeds for slow motion. Press **⏪** button to toggle between different speeds in sequent. (SF1/2, SF1/3, SF1/4, SF1/5, SF1/6, SF1/7, Play).
- While in slow motion, you may press **⏮** to resume normal speed.

NOTE: During Slow motion, the sound will be off.

5. Pause (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

- FOR CD, CD-G, HD-CD & JPEG discs, press **⏸** button to pause; press **▶** button to resume.
- FOR DVD, press **⏸** button to pause; press **⏮** button to playback frame by frame; press **▶** button to resume.

6. Repeat (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

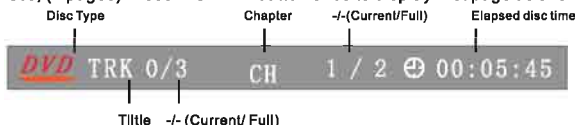
- Press **REPEAT** button once to display the current repeat mode.
- For CD, CD-G, HD-CD, discs, while playing in sequent, you may use the repeat playback. There are 2 repeat modes, press **REPEAT** to toggle between different modes in sequent. (REPEAT (OFF)/ REPEAT (1) / REPEAT (ALL)).
- For DVD discs, you may setup the repeat playback mode. There are 2 repeat modes, press **REPEAT** to toggle between different modes in sequent. (REP: (OFF) / REP: (CHAPTER) / REP: (TITLE) / REP: (ALL)).
- For MP3 / JPEG discs, while playing the disc, you may use the repeat playback. There are 3 repeat modes, press **REPEAT** to toggle between different modes in sequent. (REPEAT (OFF) / REPEAT (1) / REPEAT (DIR) / REPEAT (ALL)).

7. Display (for DVD / CD/ CD-G/HD-CD / JPEG discs)

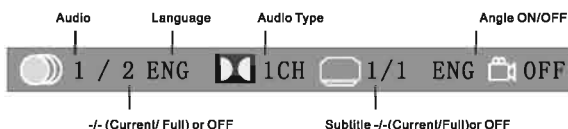
- Press **D.DISP** button to activate the on screen roll-down menu for the current Title, Chapter, time and other information

DVD Mode Operation

- For DVD discs, (2 pages) Press **DISPLAY** button once to display first page as shown below:



Press **DISPLAY** button again to display second pages shown below:



- For CD, CD-G, HD-CD, JPEG discs, Press **DISPLAY** button once to display first page: Disc type, Track +/- (Current / Full), Mute status. Repeat mode status. Current track time.

- Press **DISPLAY** button again to turn off the on screen display.

8. Goto (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

- This function allows you to play your favorite Title / Chapter / track. Press GOTO button to activate the on screen scroll-down menu for edit. According to the highlighted area, input your favorite Title / chapter / Track number by numeric buttons or input the playback time. After editing, press ENTER to start. If the input is invalid, it will not function.

NOTE: While editing, the **GOTO** button is not function.

- If it is in PBC ON status, this function will switch it to OFF.

9. PREVIEW (for DVD/CD/ CD-G /HD-CD / JPEG discs)

- The screen will split to 9 small displays to play each track by 3 sec. according to the tracks order.

- Press **◀ / ▶** button to navigate the 9 small screens.

- Press **▶** button to playback the current selection.

- Press 1 - 9 button to activate corresponding small screen directly.

- For CD, CD-G, DTC-CD, HD-CD discs, while the disc had stopped, press **PREVIEW** button. It will start to play each track by 15 sec. according to the tracks order.

- Press numeric buttons directly to select the tracks for preview.

- Press **▶|** button to playback the current track.

- While playing the discs, you may also press **PREVIEW** button to activate this function.

NOTE: - If started the disc menu, preview will not function.

- if the current track started over 15 sec. this function will start from next track.

10. AUDIO (for DVD/CD/ CD-G/ HD-CD/ JPEG discs)

- Press **AUDIO** button once to display current audio mode.

- Press again to toggle between different audio modes in sequent.

- For Super VCD & VCD discs: (Stereo - L - R - Auto L - Auto R)

- For CD, CD-G, HD-CD, MP3 discs: (Stereo - L - R)

Note: Switching to Auto L / R audio channel may be varied due to different discs contents. Bilingual VCD discs can use **AUDIO** button to switch between different languages.

11. Language (for DVD discs)

- Press **AUDIO** button once to display current language.

- Press again to toggle between different languages mode in sequent.

NOTE: For Multi-languages DVD discs, press **AUDIO** button to select your favorite language.

DVD Mode Operation

12. Subtitle for DVD discs

- Press **SUBTITLE** button once to display current sub-title.
- Press again to toggle between different subtitle modes in sequent.

NOTE: For Multi-languages subtitle DVD discs, press **SUBTITLE** button to select your favorite subtitle language.

13. Angle for DVD disc

- Press **ANGLE** button once to display current playback angle.
- Press again to toggle between different playback angle codes in sequent. (E.g. Angle -/- (Current/Full) or OFF)

NOTE: Only for DVD with multi-angle, press **ANGLE** button to select your favorite playback angle. Selectable playback angle depends on the availability of the DVD contents.

14. Mute (for DVD/ CD/ CD-G / HD-CD / JPEG discs)

- Press **MUTE** button to mute the audio output. There will have an on screen symbol indicate "MUTE".
- Press again to cancel, or Press **VOL +** to cancel and adjust the volume.
- In case there is no audio output, try to press **MUTE** button to cancel mute.

15. ZOOM (for DVD/JPEG discs)

- Press **ZOOM** button to zoom in the picture.
- There are 6 zoom modes, press **ZOOM** button to toggle between different zoom modes in sequent. (Zoom2 - Zoom3 - Zoom4 - Zoom1/2 - Zoom1/3 - Zoom1/4 - Zoom OFF)
- In Zoom2-4, you may use the navigation buttons to pan the picture for your favorite portion.

16. Repeat A- B (for DVD/ CD/ CD-G/HD-CD / JPEG discs)

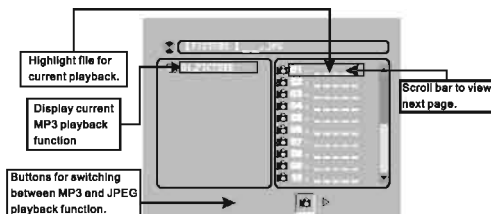
- In normal Playback, fast forward or fast reverse, press A-B button at where you want to start the repeat portion. There will have an on screen indication "REPEAT A".
- In normal Playback, fast forward or fast reverse, press A-B button again at where you want to stop the repeat portion. There will have an on screen indication "REPEAT A-B".
- The repeat function started to playback the portion from A to B automatically.
- Press A-B button again to cancel. There will have an on screen indication "A-B CANCEL".
- For CD discs, repeat A-B is only function within the same track. When playing the others, repeat A-B will cancel automatically.
- For Super DVD discs, repeat A-B is only function within the same Title /Chapter. When playing the others, repeat A-B will cancel automatically.

17. Volume (for DVD/CD/ CD-G / HD-CD / JPEG discs)

- Press - **VOL** / **VOL +** buttons to adjust the output volume.
- NOTE:** Playback DVD discs in original code, is not adjustable.

JPEG Playback

After loading the JPEG disc, it will start to scan for the stored JPEG folders.
Screen as follow:



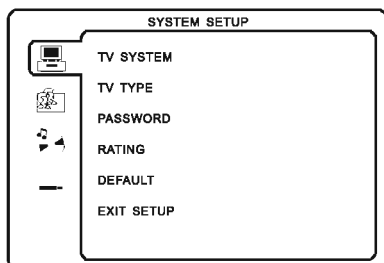
- Using the navigation buttons to check you favorite folder and playback the first file or move to the your favorite file.

DVD Mode Operation

NOTE:

- Press ◀▶ buttons to move the highlight to folders, documents or mode selection.
- Press numeric buttons to select the contents directly. For number over 10, press 0 button first. (e.g. File number 15, press 0 then 5.)
- Playing the JPEG discs, press **PROGRAM** button to select slide effects. There are 17 slide modes, press **PROGRAM** button to toggle between different modes in sequent. (Start from top Start from bottom Start from left Start from right Start from upper left corner Start from upper right corner Merge from left / right Horizontal blades Vertical blades Merge form 4 corners Random Playback Slide effect OFF).
- When play or pause with picture playback, you may use navigation buttons to flip / rotate the picture.
 - ▲ button to flip horizontally. • ▼ button to flip vertically.
 - ◀ button to rotate left 90°. • ▶ button to rotate right 90°.
- When play or pause with picture playback, you may use D.MENU button to enter preview mode to display 12 pictures. Press ⏮/⏭ button to select next / previous page or press numeric buttons to view the corresponding pictures.
- The maximum JPEG image size that can be displayed is 1280 x 1024.

DVD Function General setup



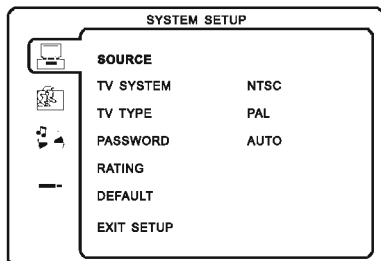
- Press **SETUP** button to activate the DVD player OSD menu;
- Press ◀/▶ button to move and highlight between different sub-menu. Press ▲/▼ ENTER button to enter the highlighted sub-menu.
- Press **SETUP** button to exit the OSD menu, or move the highlight to **EXIT SETUP** then press **ENTER** button to exit.

NOTE: In Setup mode, the following functions will be cancel or pause :

TITLE, SUB-TITLE, DISPLAY, PLAY, SETUP, STOP, SLOW / STEP, NICAM / AUDIO, FF, FR, PREV, NEXT, GOTO, ZOOM, ANGLE, PROGRAM, PREVIEW, REPEAT, REPEAT A-B.

System Setup

TV system This menu enables you to set the picture format for your TV/DVD.



NTSC This format is used by some other countries, e.g. USA

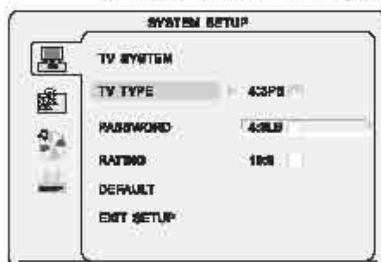
PAL This is the format used in the UK and the default setting.

AUTO This format can be used if your TV/DVD is capable of both PAL and NTSC formats.

DVD Mode Operation

NOTE: PAL format is generally used for TVs in the UK. Check your TV user guide for supported formats. If NTSC is selected with a non-compatible television you may experience interference or picture scrolling.

TV Type DVDs are produced in a variety of screen aspect ratios. This menu enables you to select one of the three aspect ratios:



- 4:3 PB (Normal)
- 4:3 LB (Normal)
- 16:9 (Wide)

- Select the most appropriate aspect ratio for the DVD being viewed.

4:3 PB (Normal)

Normal Pan and Scan is used for most normal television broadcasts and it is the default setting. It has an aspect ratio of 4:3. If you select this setting when viewing a DVD the picture will fill the screen but, you will not see the left and right edges of the picture.



4:3 LB (Normal)

Normal Letter Box will show the DVD in its original aspect ratio so depending on the size of your television screen, you may see black borders above and below the picture.



16:9 (Wide)

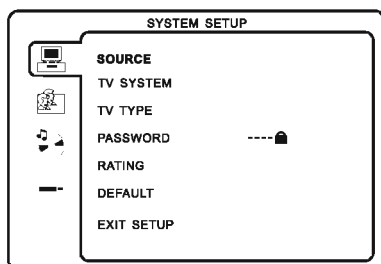
Choose this setting if you have a widescreen television.



NOTE:

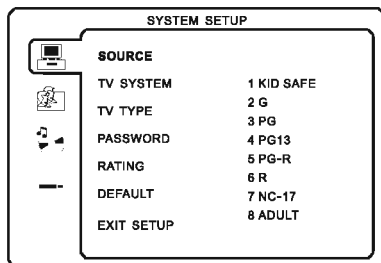
- Playback screen size may vary according to the disc contents.
- For discs with 4:3 contents, using any mode would only display a 4:3 screen.
- Screen ratio selection should be according to the connected TV/Display aspect ratio.

DVD Mode Operation



PassWord

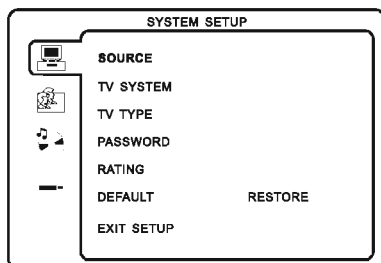
- The default setting is locked. No Rating selection or change password could be done. To edit the Rating setting, please enter default password "0000" by numeric buttons, then press **ENTER** button to confirm.
- To change password, input any 4 digit number when the lock is unlocked. Once the 4 digit number is entered, that will be your new password.



Rating

- Playback for some discs with rating, you can select the rating setting according to your preference. Rating restriction divided in eight different category from KID SAFE to ADULT.

NOTE: Only editable when password is unlocked. And only can function when password is locked. It does not, however, reset either the Password or the Rating setting.

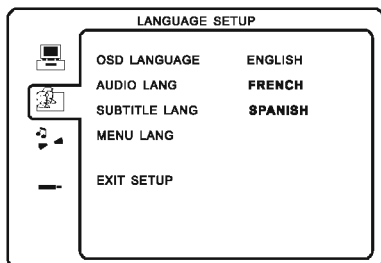


Default Setting

- Press **ENTER** button to restore factory default.

Language Setup

Press **SETUP** button to enter the DVD OSD menu.



- OSD Language

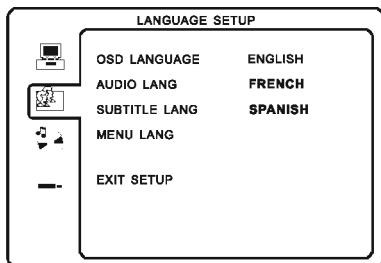
Use navigation buttons to select the OSD LANGUAGE setup icon, press **ENTER** button to confirm. There are 7 languages for your selection, press **▲** & **▼** buttons to toggle between different languages (ENGLISH/FRENCH/SPANISH). Press **ENTER** button to confirm.

NOTE: If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is DANISH.

DVD Mode Operation

- Audio Language

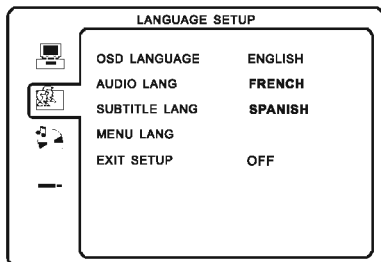
Use navigation buttons to select the **AUDIO LANG** setup icon, press **ENTER** button to confirm. There are 8 languages for you selection, press **▲ & ▼** buttons to toggle between different languages. (ENGLISH /



FRENCH/SPANISH).

Press **ENTER** button to confirm.

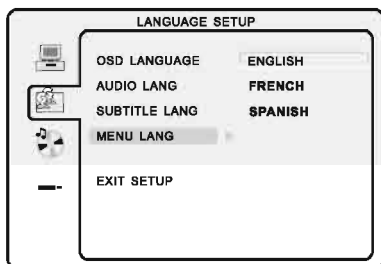
NOTE: If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is DANISH.



- Subtitle Language

Use navigation buttons to select the **SUBTITLE LANG** setup icon, press **ENTER** button to confirm. There are 8 languages for you selection, press **▲ & ▼** buttons to toggle between different languages. (ENGLISH/FRENCH/SPANISH OFF) Press **ENTER** button to confirm.

NOTE: If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is DANISH.



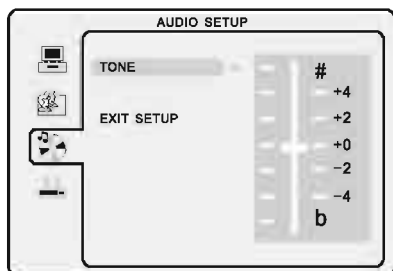
MENU Language

- Use navigation buttons to select the **MENU LANG** setup icon, press **ENTER** button to confirm. There are 8 languages for you selection, press **▲ & ▼** buttons to toggle between different languages. (ENGLISH/FRENCH/SPANISH). Press **ENTER** button to confirm.

Audio Setup

- Use navigation buttons to select the **AUDIO OUT** setup icon, press **ENTER** button to confirm.
- There are 3 modes for your selection; use navigation buttons to select different modes, press **ENTER** button to confirm.

DVD Mode Operation

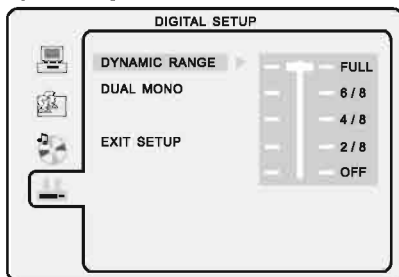


Tone

- Use ▲ & ▼ buttons to adjust the Tone setting.

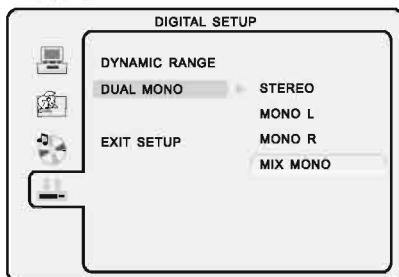
Dolby Digital Setup

Dynamic Range



- When switch the compress mode to "Audio output", adjust the compress ratio for different effect. When selected FULL, the peak signal value is smallest. When selected OFF, the peak signal value is biggest.

Dual Mono



- You can select four different audio output, STEREO, MONOL, MONO R, MIX MONO. The audio out description of these Selections is shown in the table below.

DVD Mode Operation

MODE	LEFT SPEAKER	RIGHT SPEAKER
STEREO	STEREO-L	STEREO-R
L-MONO	L-MONO	L-MONO
R-MONO	R-MONO	R-MONO
MIX-MONO	L-MONO+R-MONO	L-MONO+R-MONO

DVD Mode Operation

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then used it to wipe the screen.
2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

Extended Absence



If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.



If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

Handling Discs

1. To remove a disc from its storage case, press on the centre of the case and take the disc out.
2. Hold the disc by the edges, to avoid touching the Recorded side of the disc.



Cleaning discs

1. Fingerprints and dust should be carefully wiped from the disc's surface with a soft Cloth. Audio discs and DVD discs have no grooves to collect dust and microscopic debris so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains should have no effect on reproduction quality.
2. Never use chemicals such as record sprays, antistatic sprays, Benzine, or thinners to clean the discs. These chemicals can irreparably damage the disc's surface.
3. Discs should be returned to their cases after use. This avoids serious scratches that could cause the laser pickup to skip.
4. Do not expose discs to direct sunlight, high humidity, or high temperature for extended periods. Exposure to high temperatures can warp the disc.
5. Do not stick paper or write anything with a ball point pen on the label side of the disc.



RGB Input

Model	Resolution	Horizontal Frequency (Khz)	Vertical Frequency (HZ)
DOS	720x400	31. 5	70. 00
VGA	640x480	31. 5	60. 00
SVGA	800x600	37. 9	60. 00
XGA	1024x768	48. 4	60. 00

Technical feature

Display	15.6"
Aspect ratio	16:9
Resolution	1366x768
Brightness	250 cd/m2
Contrast	500 :1 Dynamic Contrast
Viewing angle	90° (H); 65° (V)
Menu OSD	Multi-language
Audio	3W+3W Stereo
Input Terminals	RF CVBS S-VIDEO YPbPr VGA HDMI
Power	12V DC
Consumption	≤48W

Trouble Shooting

Before contrast the service technician, perform the following simple checks. If any program still persists, unplug the LCD TV and calling for serving.

PROBLEM	POSSIBLE SOLUTION
No sound and picture	<ul style="list-style-type: none"> - Check that the main plug has been connected to a wall outlet. - Check that you have pressed the POWER button on the front of TV set. - Check the picture contrast and brightness settings.
Normal picture but no sound	<ul style="list-style-type: none"> - Check the volume. - Sound muted? Press the MUTE button. - Try another channel the problem may be with the broadcast. - Are the audio cables installed properly.
The remote control does not work	<ul style="list-style-type: none"> - Check to see if there any object between the product and remote control Causing obstruction. - Are batteries installed with correct polarity(+ to +,- to -). - Correct remote operating mode set: TV, VCR etc.? - Install new batteries
Power is suddenly turned off	<ul style="list-style-type: none"> - Is the sleep timer set. - Check the power control settings. Power interrupted. - No broadcast on station tuned with auto activated.
Picture appears slowly after switching on	<ul style="list-style-type: none"> - This is normal, the image is muted during the product startup process. Please contact your service center, if the picture has not appeared after five minutes.
No or poor color or poor picture	<ul style="list-style-type: none"> - Adjust the color in menu option. - Keep a sufficient distance between the product and the VCR. - Try another channel, the problem may be with the broadcast. - Are the VIDEO cables installed properly? - Activate the any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	<ul style="list-style-type: none"> - Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	<ul style="list-style-type: none"> - Station or cable product experiencing problems. Tune to another station. - Station signal is weak, reorient antenna to receive weaker station. - Check for sources of possible interference.
Lines or streaks in pictures	<ul style="list-style-type: none"> - Check the antenna (Change the direction of the antenna).
No output from one of the speakes	<ul style="list-style-type: none"> - Adjust balance in menu option.

Warranty

This Haier brand product, when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective product with a new or remanufactured equivalent at to the purchaser, for parts or labor for the periods set forth below:

This warranty does not apply to the appearance of the product or the exterior of the product which has been damaged or defaced, altered or modified in design or construction. It does not apply to the additional excluded items set forth below:

The warranty commences on the date the item was purchased and the original purchase receipt must be presented to the authorized service center before warranty repairs are rendered.

The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of Haier.

The warranties described herein shall be the sole and exclusive warranties granted by Haier and shall be the sole and exclusive remedy available to the purchaser. Correction of defects in the manner and for the period of time described herein, shall constitute complete fulfillment of all abilities and Responsibility of Haier to the purchaser with respect to the product, and shall constitute full satisfaction of all claims, whether based on contract, negligence strict duality or otherwise. In no event shall Haier be liable, or in any way responsible for any damages or defects in the product which were caused by repairs or attempted repairs performed by anyone other than an authorized service center or dealer; nor shall Haier be liable, or in any way responsible for incidental or consequential economic or property damage. Some states do not allow the exclusion of incidental or consequential damages, so that above exclusion may not apply to you THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Warranty period for this product: one year parts and 90 days labor.

Additional items excluded from warranty coverage: non-rechargeable batteries. Where to obtain service: For the location of the nearest Haier authorized service center or to obtain product literature, accessories, supplies or customer assistance, please call 1-877-337-3639.

What to do to obtain service: ship or carry in your product to an authorized service dealer or center. Be sure to have proof of purchase.

If you ship the product, be sure it is packaged carefully. Haier America New York, NY 10018

FCC warning statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance, could void the user's authority to operate the equipment.