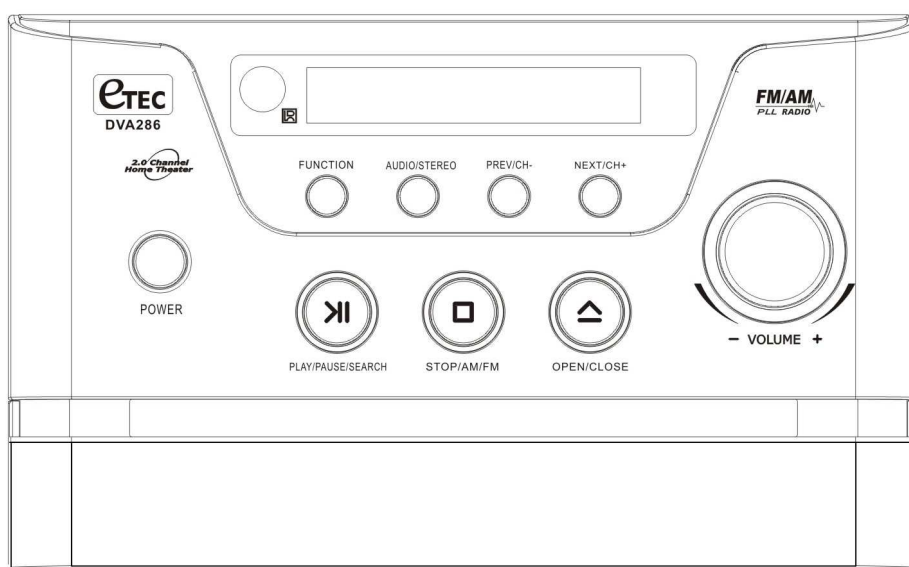




DVA286



MINI DVD HOME THEATER SYSTEM

Instruction Manual

Please read this manual carefully before operating the DVD Home Theater System. Keep this manual handy for further reference.

TABLE OF CONTENTS

BEFORE USE

Safety Precautions and Important Safety Instructions.....	2-4
Notices and Disc Protection	5-6
Playable Disc Formats and Accessories.....	7

CONTROL AND CONNECTION

Basic connection.....	8
Front panel or back panel and led display.....	9
Remote control.....	10
Preparations.....	11

BASIC PLAYBACK

Basic Playback.....	12
Pause / Step playback.....	12
Previous / Next.....	12
Fast Forward / Next and Fast Reverse / Previous.....	12
Stop Playback.....	13
Slow.....	13
Function.....	13

ADVANCED PLAYBACK

Time	14
Zoom.....	14
Program.....	14
Subtitle.....	14
Title.....	14
Menu.....	14
Angle.....	14
N/P.....	14
Repeat / A-B Repeat.....	15
Volume and mute.....	15
Audio.....	15

SPECIAL FUNCTIONS PLAYBACK

JPEG & MP3 disc playback.....	15
MPEG-4 disc function introduction.....	16
Picture CD playback.....	17

RADIO

Radio band and function operations.....	18
---	----

REFERENCE

System setup.....	19-25
Troubleshooting.....	26
Special Function of DVD.....	27
Function supported by DVD Discs.....	27
Specifications.....	27
Warranty.....	28



symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated “dangerous voltage” within product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

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

The symbol for class II (double insulation).

The Lightning flash with arrowhead

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE, AS DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

CAUTION: when replacing the direct plug in power supply or a separable, cord-connected power supply, the replacement must be exact duplicate or one recommended by the manufacturer.

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT

This Digital Video Disc player employs a laser system.

Use of controls, adjustment or the performance of procedures than those specified may result herein hazardous radiation exposure to prevent direct exposure to laser beam. Do not try to open the enclosure. Visible laser may radiate when the cabinet is opened or the interlocks are defeated.

DO NOT STARE INTO THE LASER BEAM

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS FOUND IN THIS MANUEL AND MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use, and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. Read this manual.

After unpacking this product, read the instruction manual carefully. Follow all operating and other instructions.

2. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure operation of the product by protecting it from overheating. These openings must not be blocked or covered by placing the product on a bed, sofa, or other soft surface.

3. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

4. Water and Moisture

Do not use this product near water including a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a dry cloth for cleaning.

6. Power-cord protection

Power-supply cords should always be routed in a manner so they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to the cord at plugs, convenience receptacles, and at the point where they exit from the product.

7. Lightning

For added product protection during a storm, or if left unattended and unused for long periods of time, unplug the unit from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

8. Object and Liquid entry

Never push an object of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

9. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

IMPORTANT SAFETY INSTRUCTIONS

10. Accessories



Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven

surfaces may cause the product and cart combination to overturn.

11. Disc tray

Keep your fingers clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury and damage the product.

12. Burden

Do not place a heavy load, step on the product, or use it as a stand for an object. The object may fall causing serious personal injury and serious damage to the product.

13. Damage Requiring Service

Unplug this product from the wall outlet and refer any servicing to qualified service personnel under the following conditions:

- a) When the power-supply cord or plug is damaged.
- b) If liquid has been spilled, or objects have fallen into the product.
- c) If the product has been exposed to rain or water.
- d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e) If the product has been dropped or damaged in any way.
- f) When the product exhibits a distinct change in performance. This could indicate a need for service.

14. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

15. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or has the same characteristics as the original part. Unauthorized part substitutions may result in fire, electric shock, or other hazards.

16. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

NOTICES AND DISC PROTECTION

NOTES ON USE

- The top and rear panels of the unit may become warm after a long period of use. This is not a malfunction of the product.

- When the unit is not use, be sure to remove your disc and turn off the power.
- If you do not use the unit for a long period, the unit may not function properly in the future. Turn on and use the unit occasionally.
- Do not place foreign objects on the tray.

LOCATION

Do not locate the unit in places such as:

- Near heating devices or in enclosed car.
- High temperature (47 °C or higher) or high humidity (90% or higher)
- Dirty places.
- Avoid direct exposure to sunshine

INTERFERENCE

When you place this unit near a TV, radio or VCR, the playback picture may become poor and the sound may be distorted due to signal interference. In this case, place the unit away from the TV, Radio or VCR.

NOTES ON MOISTURE CONDENSATION

The laser pickup may get water condensation under the following situations.

- When you bring the unit directly from a cold place to a warm place
- When you use the unit in a room where cold air from an air-conditioner blows directly on the unit.
- During the summer, when you use the unit in a hot and humid place right after moving the unit from an air-conditioned room.
- The room is very humid or damp.

If water condensation exists, the unit will not operate properly. Remove the disc and connect the power cord to the wall outlet. Turn the unit ON, and leave it for 2-3 hours. After 2-3 hours the unit will have warmed up and evaporated any moisture. Keeping the unit connected to the wall outlet will prevent condensation from occurring.

PLAYBLE DISC FORMATS and ACCESSORIES

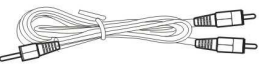
The following disc formats can be played:

DVD, CD, CD+/-R/RW, MP3, JPEG.

- Discs formats not listed above cannot be played in this unit.
- Non-standardized discs cannot be played even if they are labeled as above.
- The performance of a recorded disc depends on the method and quality of the disc-burning equipment. In some cases, a burned disc may not play.

ACCESSORIES

- Am Ant1
- Fm Ant1
- Audio/Video Cable.....1
- 3-ft Stereo RCA to mini-headphone jack cable.....1
- Owner's Manual.....1
- Remote Control.....1



Stereo RCA to mini-headphone jack cable



Fm Antn



Owner's manual



Remote control



Am Antn



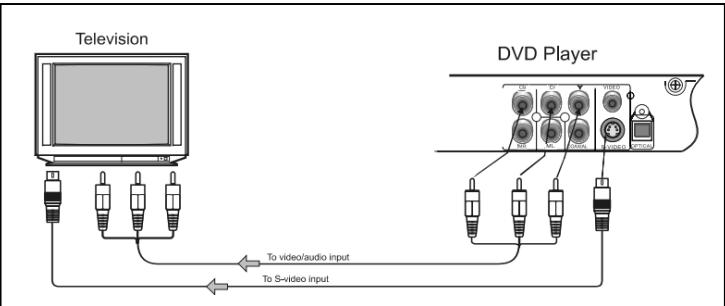
Audio/Video cable

Owner's manual

BASIC CONNECTION

BASIC CONNECTION

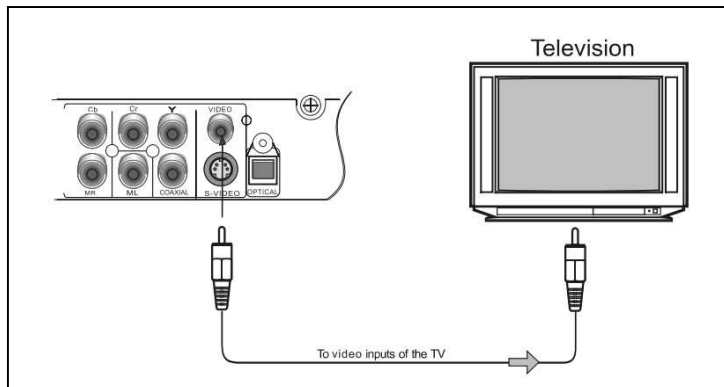
- Connecting the player to a TV using the Audio/Video cable



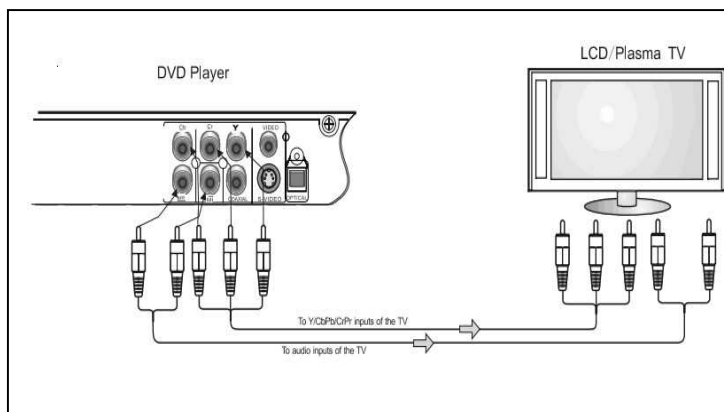
If the TV only has an S-video input, connect the DVD player with an S-video cable (not included). When using an S-video cable, do not connect the yellow video cable ends.

BASIC CONNECTION

- Connecting through an audio system



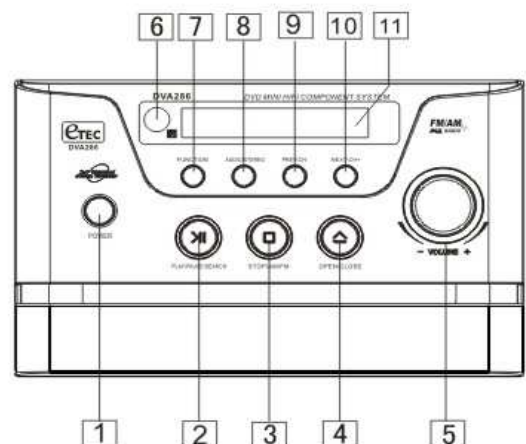
- Connecting to a High definition TV



FRONT & REAR PANEL

FRONT PANEL

1. Power
2. Play/Pause/Search
3. Stop/FM/AM
4. Open/Close
5. Volume
6. Remote Sensor
7. Function
8. Audio/Stereo
9. Prev/Ch-
10. Next/Ch+
11. LED Display Window

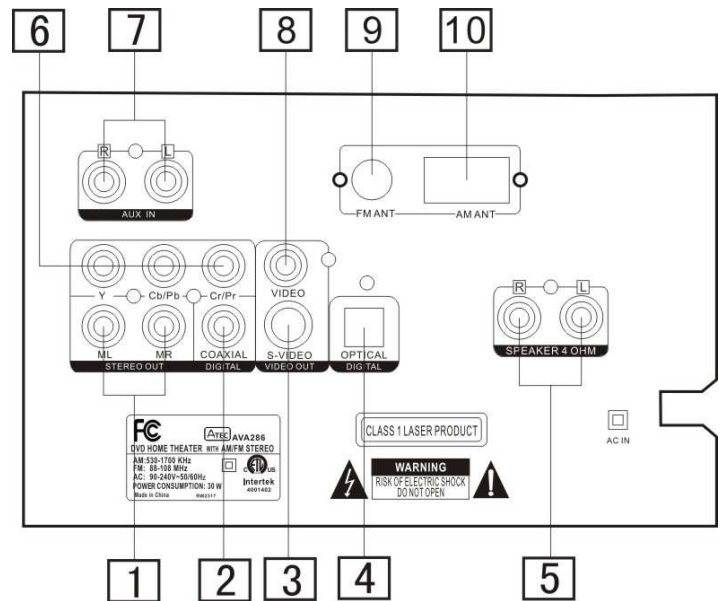


1 2 3 4

REAR PANEL

REAR PANEL

1. R/L Ch Output
2. Digital Audio Coaxial Output
3. S-video Output
4. Digital Audio Optical Output
5. Speaker Outputs
6. Composite CB/CR/ Y Output
7. AUX Audio in
8. Video Output
9. FM Antenna
10. AM Antenna



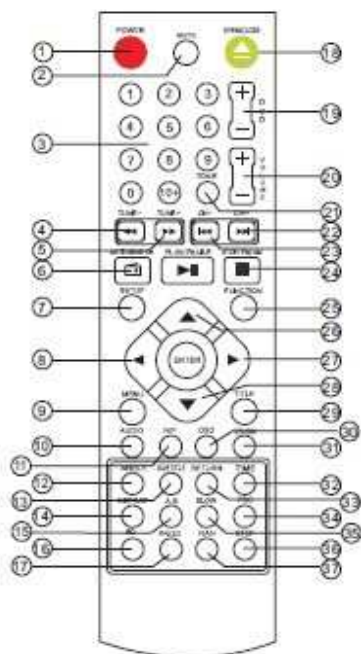
LED DISPLAY

LED DISPLAY of DVD



1. Read Disc Indication
2. Multi-function Indication
3. Play Indication
4. Pause Indication

REMOTE CONTROL



- | | | |
|--------------------------------|-------------------------------|-----------------|
| 1. POWER | 20. VOLUME +/- | 7. SETUP |
| 2. MUTE | 21. TONE (BASS/TREBLE) | |
| 3. NUMBER BUTTONS | 22. NEXT (CH+) | |
| 4. FAST REVERSE | 23. PREVIOUS (CH-) | |
| 5. FAST FORWARD | 24. STOP / AM/FM BAND | |
| 6. AUTO SEARCH | 25. FUNCTION | |
| 8. NAVIGATION (LEFT) | 26. NAVIGATION (UP) | |
| 9. MENU | 27. NAVIGATION (RIGHT) | |
| 10. AUDIO | 28. NAVIGATION (DOWN) | |
| 11. N/P | 29. TITLE | |
| 12. ANGLE | 30. OSD | |
| 13. SUBTITLE | 31. ZOOM | |
| 14. REPEAT | | |
| 15. A-B | | |
| 16. EQ | | |
| 17. PROGRAM | 32. TIME | |
| 18. OPEN/CLOSE | 33. RETURN | |
| 19. DVD CHAPTER UP/DOWN | 34. PBC | |
| | 35. SLOW | |

36. STEP

37. RAN (RANDOM)

REMOTE CONTROL

Loading Batteries

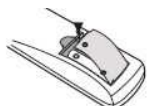


1. Remove the Battery Compartment Cover



2. Insert Batteries

Make sure to match the Positive “+” and Negative “-” ends of the batteries to “+” and “-” marks inside the battery compartment.

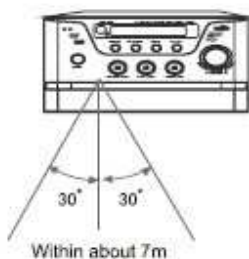


3. Replace the battery compartment cover

IMPORTANT Notes On Batteries

- Do not insert batteries into the remote control in the wrong direction.
- Do not discard batteries into a fire.
- Do Not Use Different Types Of Batteries Together or Mix Old And New Batteries.
- If The Remote Control Does Not Function Correctly Or The Operating Range Becomes Reduced, replace all Batteries With New Ones.

OPERATING THE REMOTE CONTROL



When using the remote control, the front of the remote should always be directly at the infrared sensor on the player front panel. For proper operation, always use the remote within an angle of ± 30 degrees and a range of less than 30” feet.



Control.

Notes On The Remote Control

- Point The Remote Control At The Remote Sensor on the front of the
- Do Not Drop Or Subject The Remote Control To hard Shocks.
- Do Not Leave The Remote Control in or Near an Extremely Hot / Humid Place.
- Do Not Spill Water Or Leave Anything Wet On The
- Do Not Disassemble The Remote Control.

BASIC PLAYBACK

Preparations

- To play a DVD disc, turn on your TV and select the video input source the player is connected to.

BASIC PLAYBACK

1. Press the POWER button on the front panel to ON. When the unit turns on, the TV screen will display the opening screen/logo. If a disc is already in the tray, it will begin to play once the power is switched on.
2. Press OPEN/CLOSE to open the disc tray and place a disc correctly on the disc tray.
 - There are two different disc size placement guides in the top of the disc trays. Place the disc in the correct size guide on the disc tray. If the disc is not properly placed in the disc tray guide, damage may be caused to the disc and/or the player.
 - Do not play a disc format which is not compatible in this unit.
3. Press OPEN/CLOSE to close the disc tray and playback will automatically start.
 - Some discs may not support the automatic playback function. Press PLAY button to start playback.
4. Many newer discs begin playback with a menu. Use the navigation buttons on the remote control to select the desired menu option and press PLAY to start.
5. When using the AM/FM Radio. Press the PLAY/PAUSE button to automatically search for your desired radio station.

Pause /Step playback

1. Press the PAUSE/STEP button once to pause playback (still mode). The audio will be muted during still mode.
2. Press the STEP button continuously to step forward one frame at a time in the video.
3. Press the PLAY button to resume normal playback.

Previous and Next

During DVD, or CD playback, press the PREV button once to play the previous chapter, title or track. Each press of this button move play backwards through the chapters, titles or tracks in reverse to the beginning of the disc.

Each press of the NEXT button during playback will skip the current chapter, title or track and play the next one.

When using the AM/FM Radio, press the PREV/NEXT button to move to the previous or next station.

BASIC PLAYBACK

Fast Forward and Fast Reverse

1. Press the F. FWD button to fast forward through the disc. Each time the F. FWD button is pressed, the fast forward motion speed changes.
2. Press ENTER/PLAY to resume normal playback.
3. Press F. REV to fast reverse through the disc. Each time the F. REV button is pressed, the fast reverse motion speed changes.
4. Press ENTER/PLAY to resume normal playback.
5. When using the AM/FM Radio, press F. REV or F. FWD Button, move to the next station with proper signal strength (similar to tuning by hand)

Stop playback

1. Press STOP button once to stop playback. The TV screen will show the opening logo. Some DVDs and audio CDs are coded to allow the unit to recall the last stop location.
2. Press PLAY to resume playback from the same location the disc was last stopped at or from the beginning of the disc.
3. Press STOP button twice to stop completely. Pressing the STOP button twice will allow recall of the last stop location.
4. When functioning as a Radio, press the STOP button to switch the radio band between AM and FM.

Slow

Press the SLOW button to play a disc in slow forward motion. Each time the SLOW button is pressed, the slow motion speed changes. Press PLAY to resume normal speed playback.

Note: this function is not compatible with CD and MP3 discs.

NOTES:

1. "INVALID KEY" may appear on the TV screen during operation. The "INVALID KEY" means that the operation is not permitted by the unit or the disc.
2. This unit is controlled by an IC circuit processor and starts a screen saver a short time after stopping play. Press any key to end the screen saver and activate the unit. If you do not want to use the screen saver function, set the SCREEN SAVER to OFF in the SYSTEM Setup menu.

TONE

Press the TONE button to enter the tone menu and use the volume +/- buttons to adjust the Bass, Treble, and Balance levels

FUNCTION

Press the FUNCTION button to switch the unit between DVD/CD, AM/FM STEREO, or AUX-IN functions.

ADVANCED SETTINGS

IMPORTANT NOTE:

THE FOLLOWING FUNCTION DESCRIPTIONS ARE FOR DVD DISCS ONLY. OPERATION AND DISPLAY ON THE TV SCREEN MAY BE DIFFERENT FOR OTHER DISC FORMATS.

TIME

Press the TIME button to set the correct time. Use the NAVIGATION LEFT/RIGHT buttons to scroll through the different time settings then press ENTER/PLAY button to confirm your selection.

ZOOM

Press this button to zoom into a picture. Each time the button is pressed, the magnification level will increase. After maximum ZOOM level is reached, image view will return to normal size.

PROGRAM

When playing discs, press the PROGRAM button to enter the programming function. Use the NUMBER buttons to input the chapter/track numbers or use the NAVIGATION buttons and move the cursor to the chapter/track numbers you want and press PROGRAM to confirm each selection. Press the "ENTER/PLAY" button to start programmed playback. If you want to cancel this function, press "STOP".

SUBTITLE

(Note: Disc must be encoded with the Subtitle capability)

Press this button and the screen will display the language subtitle options encoded on the disc.

TITLE

(Note: Disc must be encoded with the Title capability)

Press the TITLE button to display the title menu. Press the NUMBER buttons to select the chapter you want to view.

MENU

(Note: Disc must be encoded with the Root Menu capability)

Press the MENU button to display the root menu of the DVD. Select the menu item you desire using the NAVIGATION buttons and press the PLAY button to access.

ANGLE

(Note: Disc must be encoded with ANGLE capability)

Press the ANGLE button to view action from different angles.

N/P

Press the key will switch between NTSC, PAL and AUTO.

ADVANCED PLAYBACK

REPEAT

Press once to repeat the CHAPTER;

Press twice to repeat the TITLE

Press three times to cancel the repeat function

A-B REPEAT

Press A-B to begin the function and mark the “A” start-point. Press A-B again to mark the “B” end point and complete the setting. The selected A-B section will be repeated. Press the A-B button a third time to cancel this function.



VOLUME AND MUTE


Press the VOLUME “+” button to increase volume. Press the VOLUME “-” button to decrease volume. Press the MUTE button once to mute the audio and “MUTE” will display on the TV screen. Press the MUTE button a second time and the audio will return to normal.

AUDIO

Press this button on remote control to change the Audio mode.

For example:

 DVD Disc [1  XX 5.1CH], “XX” indicates the language of country.

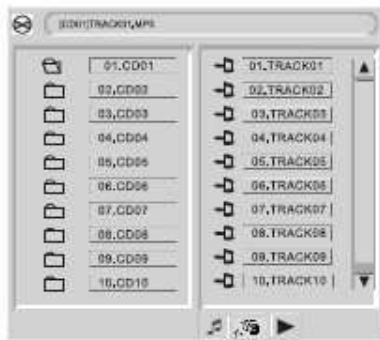
 VCD Disc [mono L/MONO R/MIX MONO/STEREO]
(the number of language depends on disc).

MUSIC PLAY BACK

MP3 PLAYBACK

Place a MP3 disc on the disc tray, the player will immediately begin to read the disc and a navigation menu will be displayed automatically if the disc has been properly burned.

In the menu, use the NAVIGATION UP/DOWN buttons to choose the desired folder and then press the “ENTER/PLAY” button to confirm and the folder menu will open. In the folder, use the NAVIGATION UP/DOWN buttons to select the desired track/file, and then press “ENTER/PLAY” to play the selected track/file. From the track/file menu, use the NAVIGATION LEFT button to return to the previous menu. Press the PREV or NEXT buttons to go to the previous or next menu page.



MPEG-4 DISC FUNCTION INSTRUCTION

MPEG-4 is the forth video and audio encoding standard released by MPEG (The abbreviation of "Moving Pictures Expert Group"). VCD is based on MPEG-1 technology and DVD is based on MPEG-2. MPEG-4 takes advantage of narrow bandwidth, pursuing the best picture quality by compressing and transmitting the data in frame restructured technology. The audio data is compressed by WMA standard. MPEG-4 is the most advanced compression technology standard in AV field. It has the highest compression rate. By MPEG-4 technology, we can encode and compress a DVD film into one or two CD-R disc with pretty good picture quality, or can burn several films that has same quality as VCD into one CD-R disc, or burn several films that has similar quality to DVD into DVD-ROM disc.

Note:

1. The MPEG-4 discs in market now have many different formats, such as Xvid, AVI, RM etc. but some discs with "MPEG-4" logo in market are not encoded by MPEG-4 technology. It is normal that some of the disc can't be played well in this player because of the incorrect encoding standard.
2. The MPEG-4 files are displayed as a list in the screen; choose the icon using the cursors and press "ENTER/PLAY" button to playback the movie.

As AVI is the MPEG-4 format, and MPEG is the MPEG-1 format, please do not mix the AVI and MP3/JPEG together in a disc. The player will only recognize MP3 or JPEG in that case. However MP3 and JPEG can be included in one disc together.

PHOTO PLAYBACK

PHOTO CD PLAYBACK

PLAYBACK (normal)

When a photo CD is inserted into the unit, an automatic slide show is launched. Each photo in the picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen. Press the "PROG" button to select from the various slide-show transition modes provided. The transition effect can be selected for each photo if desired.

To display an image indefinitely, press the "PAUSE" button. To view the next or previous picture, press the "NEXT" or "PREV" buttons. To resume the slide show, press the "ENTER/PLAY" button.

IMAGE ROTATION

This player allows a photo to be rotated in four different way; "invert", "mirror", "left", and "right". Image rotation will only function when a picture is being displayed normally on the screen. The image rotation function is cancelled automatically when a new picture is displayed. The NAVIGATION buttons are used to select the different rotation modes:

Up ▲ - Invert/Normal
Down ▼ - Mirror/Normal

Left < - Turn left
Right > - Turn right

ZOOM

The "ZOOM" key is used to turn on or off the zoom function. When the zoom function is on, any picture will be displayed at the last zoom ratio selected by the user. A message on the screen will indicate the current zoom ratio.

In the zoom mode the ZOOM button is used to control the in/out zoom ratio. When the ZOOM function is off, the picture is scaled to fit the whole TV screen.

Notes: When using the zoom function, slide-show transition effects and image rotation functions are disabled. To cancel the zoom function, press the "ZOOM" button again and the slide show will resume.

IMPORTANT NOTE: quality of picture displayed on the screen is highly dependent on the viewing device

JPEG DISC PLAYBACK

When playing a JPEG disc, a navigation menu will automatically be displayed. In the menu use the NAVIGATION UP/DOWN buttons to select a file and then press "ENTER/PLAY" to play as a slideshow. Press the PREV or NEXT buttons to select the previous or the next picture. Press the PAUSE button to pause the current picture. Press ENTER/PLAY to resume viewing. Press ZOOM to start the zoom function. When the ZOOM function is on, press the PREV or NEXT buttons to switch between pictures. Pressing the NAVIGATION buttons can scroll through the enlarged picture. The display transition between the photos can be changed by pressing the PROG button and then selecting from the options: RANDOM, WIPER L, WIPER R, DIAGONAL R, UP-DOWN, LEFT-RIGHT, WINDOW V, EDGE TO CENTER, etc.

AM/FM RADIO OPERATION

1. AM/FM RADIO

The built-on memory can hold up to 40 pre-set radio stations (20 FM & 20 AM). This will allow you to simply select the assigned station memory number to immediately switch to any of the preset stations.

2. AUTOMATIC PRESET TUNING & SELECTION

The radio stations in your area can be automatically scanned and saved in the preset station memory.

2.1: Repeatedly press the “STOP/FM/AM” button to select “AM” or “FM” frequencies.

2.2: Press the “AUTO SEARCH” button to begin scanning the selected band and automatically saving the found stations into the preset station memory.

3. MANUAL PRESET TUNING & SELECTION

The radio stations in your area can be manually selected and saved in the preset station memory.

3.1: Repeatedly press the “STOP/FM/AM” button to select “AM” or “FM” bands

3.2: Press the 0 to 10 the number keys to enter the station frequency number and then press the ENTER button to store your selection.

Tip: To improve radio reception, please adjust the antenna or the annex to the external antenna market.

4. LISTENING TO THE RADIO

To listen to the radio, choose either a preset station from memory, or enter the desired station frequency number manually.

5. PRESET MEMORY TUNING

Selecting a station from preset memory equipment.

6.1: Repeatedly press the “STOP/FM/AM” button to select the “FM” or “AM” bands.

6.2: Repeatedly press the “CH+” or “CH-” buttons to scroll through and select the preset radio station to listen to.

SYSTEM SETUP

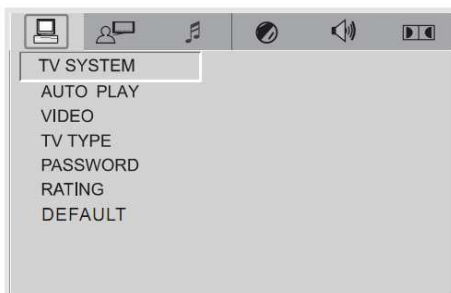
- When you press the SETUP button on the remote control, the setup menu will be displayed. The setup menu selections will include; “SYSTEM SETUP”, “LANGUAGE SETUP”, “AUDIO SETUP”, “VIDEO SETUP”, “SPEAKER SETUP”, and “DIGITAL SETUP”.

1. When in the setup menu, you can use the NAVIGATION UP, DOWN, LEFT and RIGHT buttons on the remote control to move the cursor to your selection and then press the ENTER/PLAY button to confirm your selection. Press the NAVIGATION LEFT button to return to the previous menu.

2. To exit the setup menu, you can select the exit setup menu item or press the SETUP button again.

1. SYSTEM SETUP PAGE

Setup: TV screen format, video type, and all DVD functions.

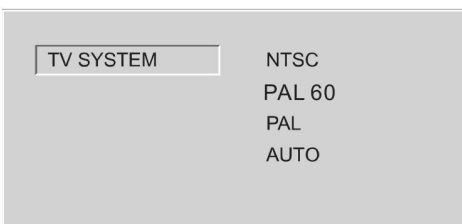


1.1 TV SYSTEM

TV SYSTEM: The default TV System setting of this player is NTSC (used in the USA). This player will also support the PAL System (Latin/South America).

- If your TV supports only NTSC or PAL and had you inadvertently selected the wrong TV system, the TV screen will flicker and only black and white colors will be displayed.

In this case, you should press the SETUP button to set as following Note.



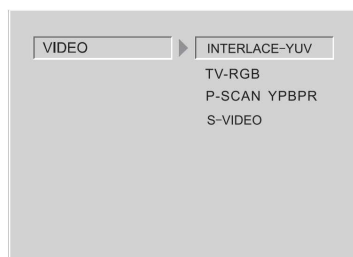
SYSTEM SETUP

1.2 AUTO PLAY

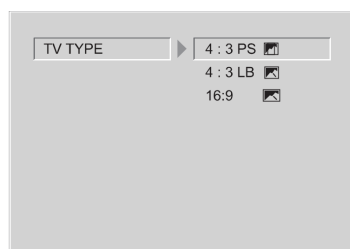


1.3 VIDEO

VIDEO: Sets the video output.



1.4 TV (SCREEN) TYPE



The TV (SCREEN) TYPE will select the different display format ratio to be shown on the TV screen. (Please see page 21: Multi-image ratio mode).

Note:

- No matter which display format is selected, a picture recorded in standard 4:3 format always displays in the 4:3 aspect ratio.
- The display format of DVD titles may vary; please refer to the information that accompanies your specific DVD title.
- If the DVD title is recorded in 16:9 wide display format while the TV is a standard 4:3 screen, horizontal compression of the image will result.
- Some DVD titles may be recorded in special formats. In such cases, the DVD titles will always appear on the screen in their original format, regardless of which TV display format you select.

SYSTEM SETUP

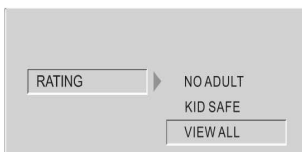
1.5 PARENTAL CONTROL PASSWORD CHANGE

PASSWORD CHANGE: To change the parental control system password, please enter 4 numerals as new password. The default password is 0000.



1.6 PARENTAL CONTROL RATING

RATING: The parental control rating function works in conjunction with the different censorship classes assigned and encoded to DVDs. These classes help to control the types of DVDs that the family watches, There are up to 8 censorship classes for DVDs.

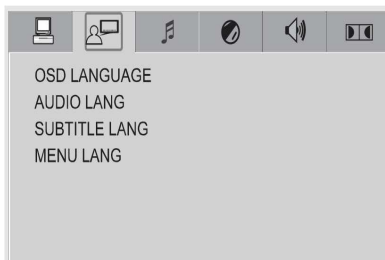


1.7 DEFAULT

DEFAULT: Resets to all the manufacturer's original settings for this DVD player. Press ENTER/PLAY to perform the reset.



2. LANGUAGE SETUP



SYSTEM SETUP

2.1 OSD LANGUAGE

On Screen Display (OSD) Language: Users can select the language used for the setup menu and on-screen display.



2.2 AUDIO LANGUAGE

(DVD must be encoded to support this function)

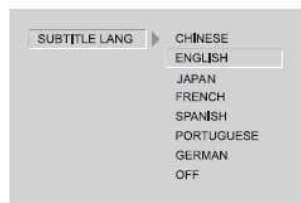
AUDIO: Sets the preferred audio language as the default when playing DVD.



2.3 SUBTITLE LANGUAGE

(DVD must be encoded to support this function)

SUBTITLE: Sets the preferred subtitle language as the default when playing DVD.



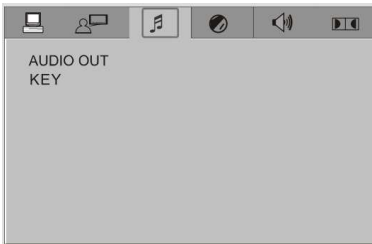
2.4 MENU LANGUAGE (DVD must be encoded to support this function)

MENU LANG: Sets the preferred menu language as the default when playing DVD.



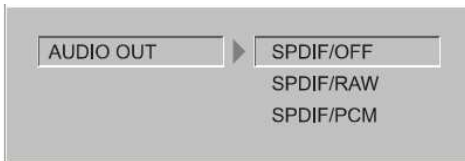
SYSTEM SETUP

3. AUDIO SETUP



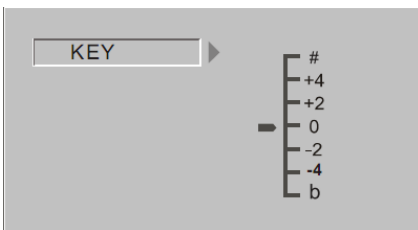
3.1 AUDIO OUTPUT

AUDIO OUT: Sets the audio outputs.



3.2 KEY

KEY: Sets the audio output levels



4. VIDEO SETUP



ADVANCED SETTINGS

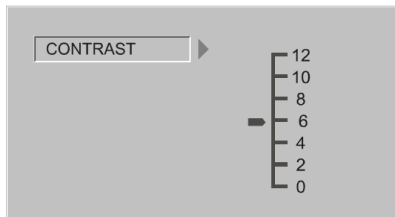
4.1 BRIGHTNESS

BRIGHTNESS: Sets the brightness level of Video output.



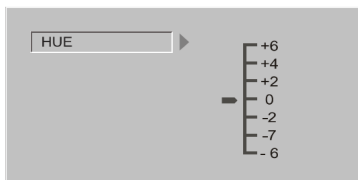
4.2 CONTRAST

CONTRAST: Sets the contrast level of Video output.



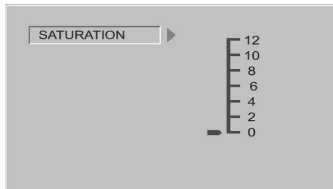
4.3 HUE

HUE: Sets the hue value of the Video output.



4.4 SATURATION

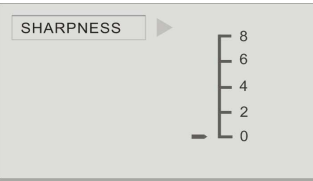
SATURATION: sets the saturation of the video.



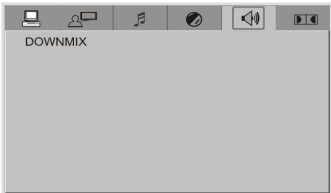
ADVANCED SETTINGS

4.5 SHARPNESS

SHARPNESS: sets the sharpness of the video.



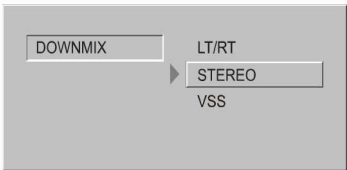
5. SPEAKER SETUP



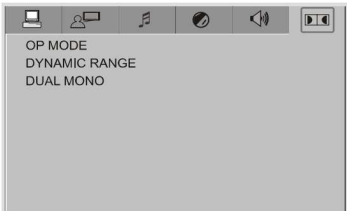
5.1 SPEAKER SETUP MENU

Speakers

This setting allows you to enjoy a surround sound effect with only two speakers. For this reason a setup for additional speakers (described in the following sections) is disabled when DOWNMIX MODE is set

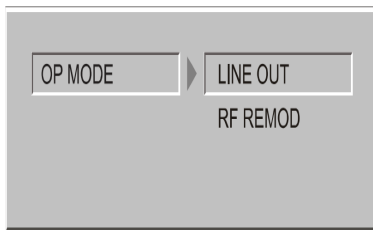


6. DIGITAL SETUP MENU



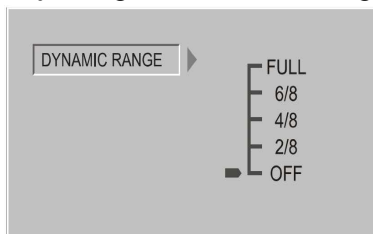
ADVANCED SETTINGS

6.1 OP MODE



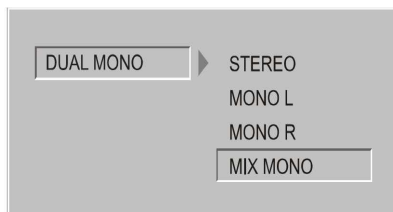
6.2 DYNAMIC RANGE

DYNAMIC RANGE: When LINE OUT is selected, choose this setting to adjust the line out ratio and get different effect. If adjusting to FULL, the audio signal peak value will be the minimum. If adjusting to OFF, audio signal peak value will be the maximum.



6.3 DUAL MONO

DUAL MONO: If your amplifier/decoder has Dolby Digital output, you may select stereo, left mono, right mono, or mixed mono mode for your amplifier decoder.



TROUBLESHOOTING

Please refer to the following guide for the possible cause and solution for a problem before contacting the nearest service center or dealer for repairs.

SYMPTOMS AND SOLUTIONS

SYMPTOMS	SOLUTIONS
No power	Ensure power supply is connected.
No picture	Make sure the connection between the player and TV is secure.
	Make sure the TV is in good working condition.
No sound	Make sure the connection between the player and other devices are secure.
	Make sure the TV and AMP are in good working condition and properly set up.
Fail to Play	Ensure disc is properly inserted.
	Clean the disc.
Fail to respond to remote control	Remove obstacles between remote control and unit.
	Aim remote control at the sensor on the front panel
	Check batteries and replace them if necessary.
Picture Disturbance	Check the disc for dirt and scratches. Clean or replace disc.
	Shut down the unit, wait ten seconds, and restart the unit.
Fail to work with buttons	Power surges or brown outs other electrical phenomena. Shut down the unit, wait ten seconds, and restart the unit.

Note: There are many functions available on DVD discs and the functions vary per Disc version and encoding.

SPECIFICATIONS

System and outputs

VF Signal System	NTSC/PAL
Frequency response	CD: 20Hz - 20KHz(EIAJ) DVD: 20Hz - 44Hz (96KHz) (sample result) 40Hz - 22Hz (48KHz) (sample result)
Audio S/N ratio	>90dB
Audio Output (Analog audio)	Electric level output: $1.8V \pm 0.2$ Resistance: 10KS
Video Output	Electric Level output $1.0V_p - p \pm 0.2$ resistance: 75S
Power	90V-240V~50/60Hz
Power consumption	$\leq 30W$
Operating temperature	50 ⁰ C to 47 ⁰ C (41 ⁰ F to 95 ⁰ F)
Operating humidity	5% to 90%
Radio	FM 87.50-108MHz AM 530-1700KHz
Weight	6.6 Lbs

Note Due to continuous technology improvement with this product, the company reserves the right to change the design without any prior notice.



LIMITED 90-DAY WARRANTY

We warrant this product to be free from defects in material and workmanship under normal use for a ninety-day period from the original date of purchase from an authorized ETEC dealer. We will repair or replace the unit free of charge should it become defective under this warranty, providing you, the original purchaser, submit proof of purchase (sales slip) along with the unit and all accessories.

During the ninety-day period from the original purchase date, we will service or exchange the unit at no charge. To obtain warranty service or replacement within the ninety-day warranty period, please return the product and all accessories to the original place of purchase.

For technical support, the ETEC Technical Support Center is available 24-hours a day, 7-days a week for technical assistance or troubleshooting. Contact us by phone by calling 1-800-936-1168.

This warranty does not cover any product which has been subject to damage due to an act of nature, misuse, neglect, accident, abuse, commercial use, or modification of, or to, any part of the product, including the antenna. Damage to any external media such as DVD, CD, and/or USB or other memory devices are not covered nor is the cost incurred in shipping the unit for warranty repair. Under no circumstances shall ETEC be liable for any loss (direct, indirect, incidental, foreseen, unforeseen, special or consequential) or for any damage arising out of, or in connection with, the use of this product.

UNDER NO CIRCUMSTANCES WILL ETEC BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This warranty does not cover re-manufactured units, or product sold 'As Is'

This warranty is valid only to the original purchaser of the Product in the United States, Canada, and Mexico and grants specific legal rights.