

akura

AMTDR3101X

Instruction Manual

DVD RECORDER



DVD + ReWritable

PRECAUTIONS

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



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



WARNING: TO AVOID THE DANGER OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. NEVER OPEN THE CABINET, AS DANGEROUS HIGH VOLTAGES ARE CONTAINED INSIDE. ONLY A QUALIFIED SERVICE TECHNICIAN SHOULD ATTEMPT TO OPEN THE CABINET.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT INTO ELECTRICAL SOCKET.

CAUTION: THIS DVD RECEIVER & AMPLIFIER UNIT EMPLOYS A LASER SYSTEM. TO PREVENT DIRECT EXPOSURE TO THE LASER BEAM, DO NOT OPEN THE ENCLOSURE. VISIBLE LASER RADIATION IS PRESENT WHEN ENCLOSURE IS OPEN. DO NOT STARE INTO BEAM. ADDITIONALLY, THE USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS MANUAL CAREFULLY AND RETAIN FOR FUTURE REFERENCE. SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORISED SERVICE CENTRE.

PROTECT YOURSELF!

Record the model and serial numbers for this unit while it is easy to see them. These numbers are located on the back of the unit's cabinet. Retain this information for future reference.

Model Number: _____

Serial No. _____

Retain this information for future reference.



CAUTION:

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE IS NO USER SERVICEABLE PART INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



Since it is very usual for DVD movies to be released at different times in different regions of the world, all players have region codes and disks can have an optional region code. If you load a disk of a different region code to your player, you will see the region code notice on the screen. The disk will not play, and should be unloaded.



Safety Information

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

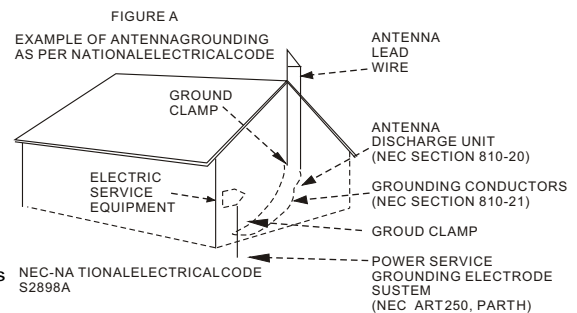
Please carefully study this manual and always keep it available. There are, however, some installation and operation precautions which you should be aware of.

1. Read Instructions - All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8. 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.
9. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
11. Grounding or Polarization - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Alternate Warnings This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

12. Power-Cord Protection Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

13. Protective Attachment Plug The product is equipped with an attachment plug having overload protection. This is a safety feature. See instruction manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.



14. Outdoor Antenna Grounding - If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges.

15. Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and powerline surges.

16. Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions. This DVD home theater operates on AC 230V/50Hz. Do not turn off unit immediately after turning on; wait at least 10 seconds.

18. Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

19. Object and Liquid Entry - Never push objects 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.

20. 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.

21. Damage Requiring Service - Unplug this product from the wall outlet and refer 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, and
- f. When the product exhibits a distinct change in performance - this indicates a need for service.

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

23. 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.

24. Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

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

About Your DVD Recorder

This model combines the function of a DVD receiver and recorder. As a DVD player, you will be able to enjoy full length movies with true cinema picture quality, and stereo or multichannel sound (depending on the disc and your playback system). Unique features of this player include Scart & S-video outputs for greater picture clarity.

What's more, as a DVD Video Recorder, it has some of the key features that allow you to record programs conveniently such as:

- A complete DVD+RW/DVD+R recorder.
- Preset recording
- Playback of pre-recorded or user-recorded DVDs and CDs
- View, edit and play from a pre-recorded DVD+RW.



The following will help you get the most enjoyment from your DVD recorder

BEST LOCATION

The unit should be placed on a firm flat surface, away from VCRs, stereos, radios, or large speakers, as the magnetic flux from these devices may cause distortion in the sound and a poor picture. If placed in a cabinet, be sure there is at least 1 inch of free space completely around the unit for proper ventilation.

TO OBTAIN A CLEAR PICTURE

A DVD recorder is a precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, picture quality will become poor. Store DVD player in a clean dust free environment.

PLAYABLE DISCS

This DVD recorder will play the following types of discs: DVD, DVD±R, DVD±RW, MP3, CD, CD-R, and CD-RW with super-error correction ability. It is also capable of displaying picture CDs and digital photo albums. It supports four languages, up to 32 subtitles, and multi-angle viewing. It features easy setup and operation with on-screen menus. It has full function CPU up grade capability.

DIGITAL AUDIO OUTPUT

The unit's coaxial output capability enables you to connect an external six-channel AV amplifier and processor with built-in Dolby Digital code with just one cord. This enables you to conveniently enjoy different DVD, CD, and Mp3 discs.

ANALOG AUDIO OUTPUT

5.1 channel output

LASER-HEAD OVER-CURRENT PROTECTION SYSTEM

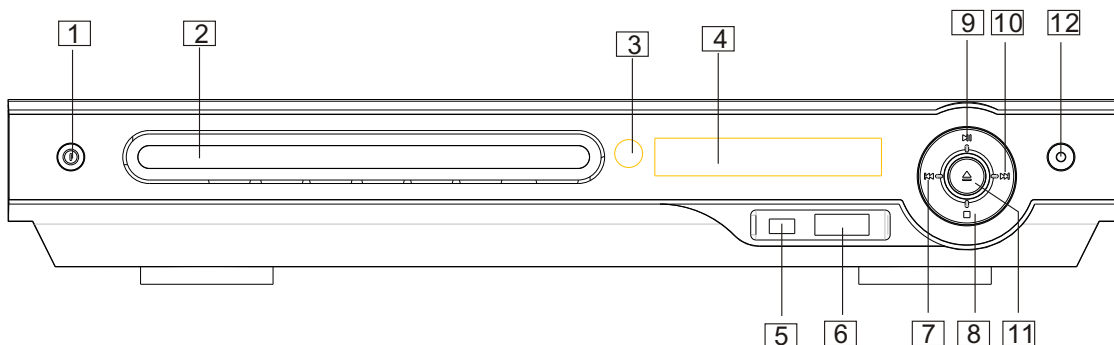
To extend the service life of the laser head, the unit includes a unique laser-head over-current protection system, ensuring a constant laser current.

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Identification of Controls

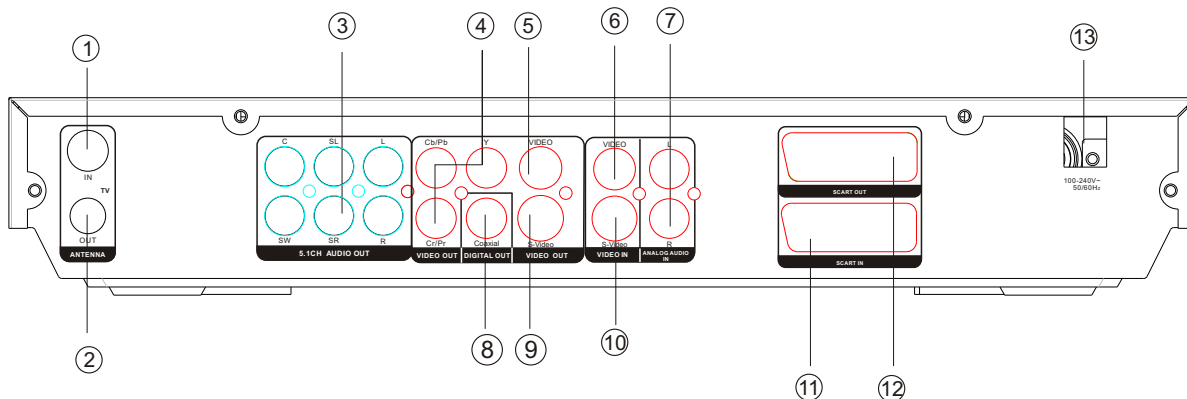
FRONT PANEL



- 1. POWER Button
- 2. DVD Door
- 3. IR(Remote Sensor)
- 4. LED
- 5. 1394 DV INPUT
- 6. USB INPUT

- 7. PREV Button
- 8. STOP Button
- 9. PLAY/PAUSE Button
- 10. NEXT Button
- 11. OPEN/CLOSE Button
- 12. RECORD Button

REAR PANEL



- 1. TV Antenna Input
- 2. TV Antenna Output
- 3. 5.1CH Audio Output
(L,R,SL,SR,C,SW)
- 4. Component Videos Output
(Y, Cr/Pr, Cb/Pb)
- 5. Video Output

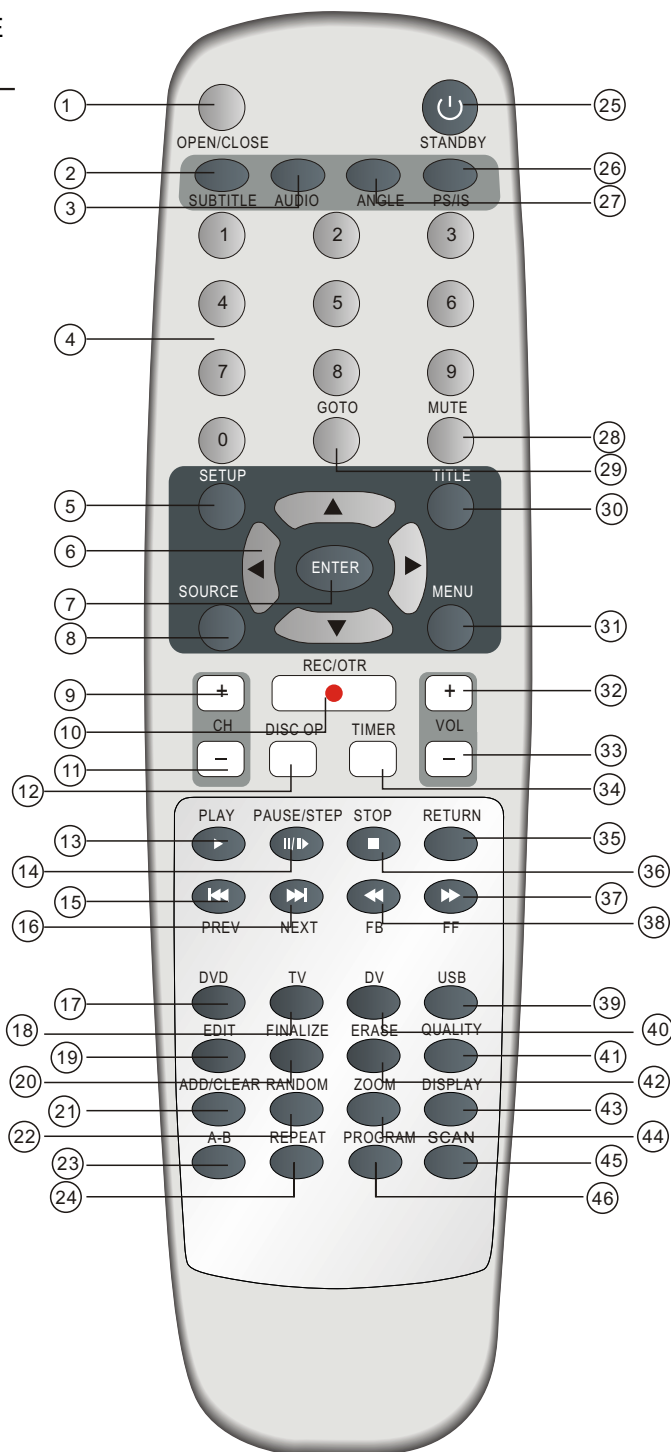
- 6. Video Input
- 7. Analog Audio In (Rear Left/Right)
- 8. Coaxial Output
- 9. S-video Output
- 10. S-video Input
- 11. SCART Input (only for Europe)
- 12. SCART Output (only for Europe)
- 13. AC100-240V~ 50/60Hz

The Remote Control

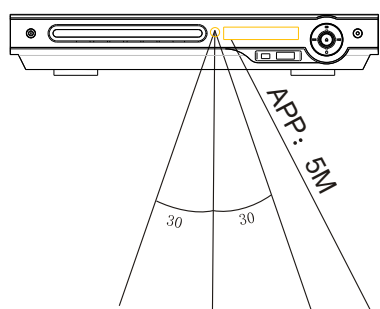
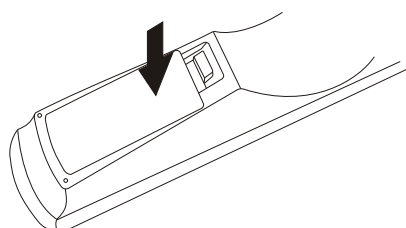
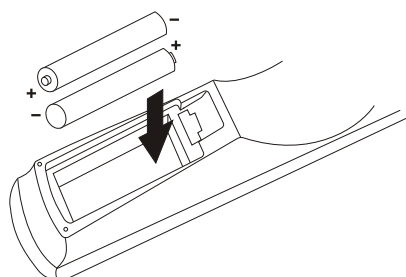
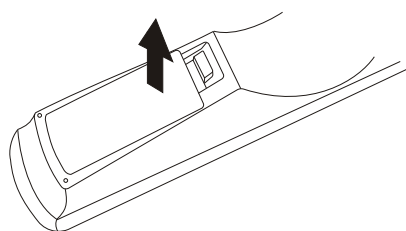
REMOTE CONTROL

THE INSTRUCTIONS BELOW DESCRIBE THE FUNCTIONS OF THE REMOTE CONTROL

- 1.OPEN/CLOSE
- 2.SUBTITLE
- 3.AUDIO
- 4.NUMBERS
- 5.SETUP
- 6.DIRECTION
(UP/DOWN/LEFT/RIGHT)
- 7.ENTER
- 8.SOURCE
- 9.CHANNEL +
- 10.REC/OTR
(RECORD/ONE-TOUCHRECORD)
- 11.CHANNEL -
- 12.DISC OP
- 13.PLAY
- 14.PAUSE/STEP
- 15.PREV
- 16.NEXT
- 17.DVD
- 18.TV
- 19.EDIT
- 20.FINALIZE
- 21.ADD/CLEAR
- 22.RANDOM
- 23.A-B REPEAT
- 24.REPEAT
- 25.STANDBY
- 26.PS/IS
- 27.ANGLE
- 28.MUTE
- 29.GOTO
- 30.TITLE
- 31.MENU
- 32.VOLUME+
- 33.VOLUME-
- 34.TIMER
- 35.RETURN
- 36.STOP
- 37.FF
- 38.FB
- 39.USB
- 40.DV
- 41.QUALITY
- 42.ERASE
- 43.DISPLAY
- 44.ZOOM
- 45.SCAN
- 46.PROGRAM



THE REMOTE CONTROL



Battery Installation

1. Push downward and outward the leaf spring to remove the battery compartment cover.
2. Insert two AAA batteries according to the "+" and "-" markings.
3. Make sure the batteries have been properly installed, then close the battery compartment cover.

Notes:

Do not mix different types together, or old batteries with new batteries.

While the remote control will not be used for an extended period of time, remove the batteries to prevent possible corrosion.

To prevent corrosion resulting in damage, remove exhausted batteries immediately. Where the remote control doesn't appear to operate normally, replace both of the batteries.

Typical life for the batteries provided with this product is about 6-12 months. The life expectancy may vary according to the use status.

Use of the Remote Control

Point the remote control toward the remote sensor on your DVD home theater center. Upon receipt of the signal from the remote control, the equipment will operate accordingly.

The description in this Manual is based on the buttons on the equipment. You may use the counterparts on the remote control to do the same.

Notes:

Do not place this equipment in a place exposed to direct sunlight or strong light source like inverting fluorescent light, or else it may interfere with correct operation of the remote control.

When other similar remote control is used in the same room, or when this product is used near other equipment using infrared ray, interference with the operation of this remote control may occur.

Do not place any object on the remote control, or else it may cause unintentional depression of the buttons and waste the batteries unnecessarily.

The front of the chassis should not be glazed with colour glass, or else it may cause interference with normal operation of the remote control.

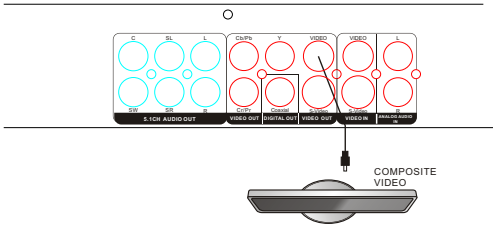
Any barrier between the remote control and remote sensor will inactivate any operation of the remote control.

The operating range between the remote control and the equipment shall be no more than 5 metres (16 feet). When the operating range becomes shorter, replace the batteries with new ones.

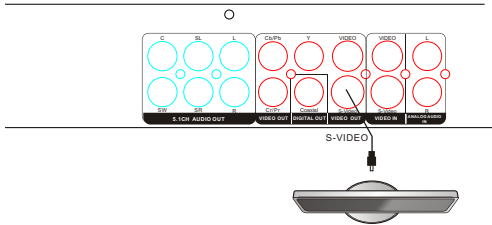
Connection

CONNECTION FOR VIDEO OUTPUT

Good - Composite Video

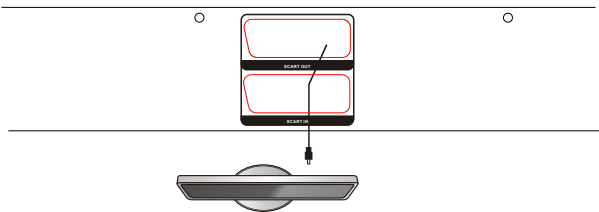


Better - S-Video

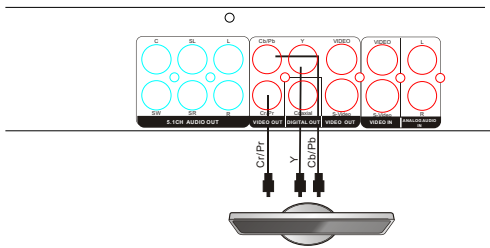


Do not connect the yellow video cable if using the S-Video cable.

Best - Scart RGB Video

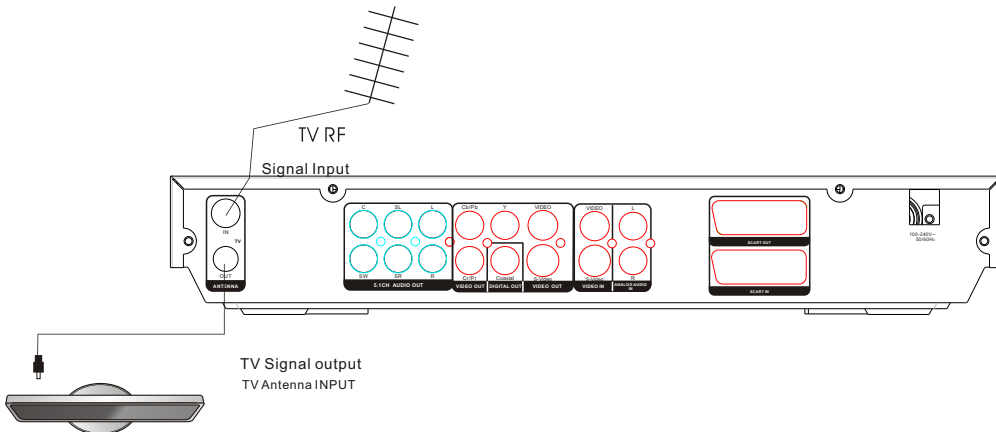


Best - Component Video



Scart RGB Video and Component Video can not be used at the same time.

CONNECTION FOR TV TUNER



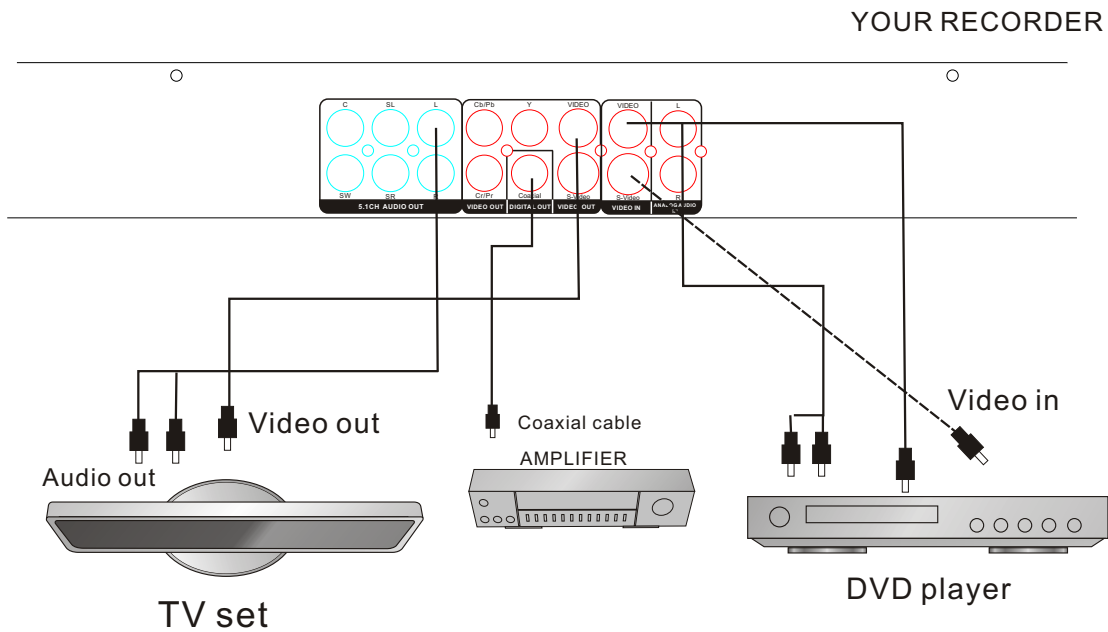
NOTE

- Refer to the manual of the connected TV.
- Turn off the power and unplug both units before setting up any connections.

Connection

THE RECORDER ALLOWS YOU TO ENJOY OR RECORD PROGRAMS WITH SIGNAL FROM AV SYSTEMS SUCH AS VCR, DVD PLAYER, ETC.

CONNECTION FOR AV SIGNAL (A/V REAR INPUT and DIGITAL AUDIO OUTPUT)



Connect your recorder with the S-Video cable, if the Signal Source has an S-Video input. Do not connect the yellow video cable if using the S-Video cable.

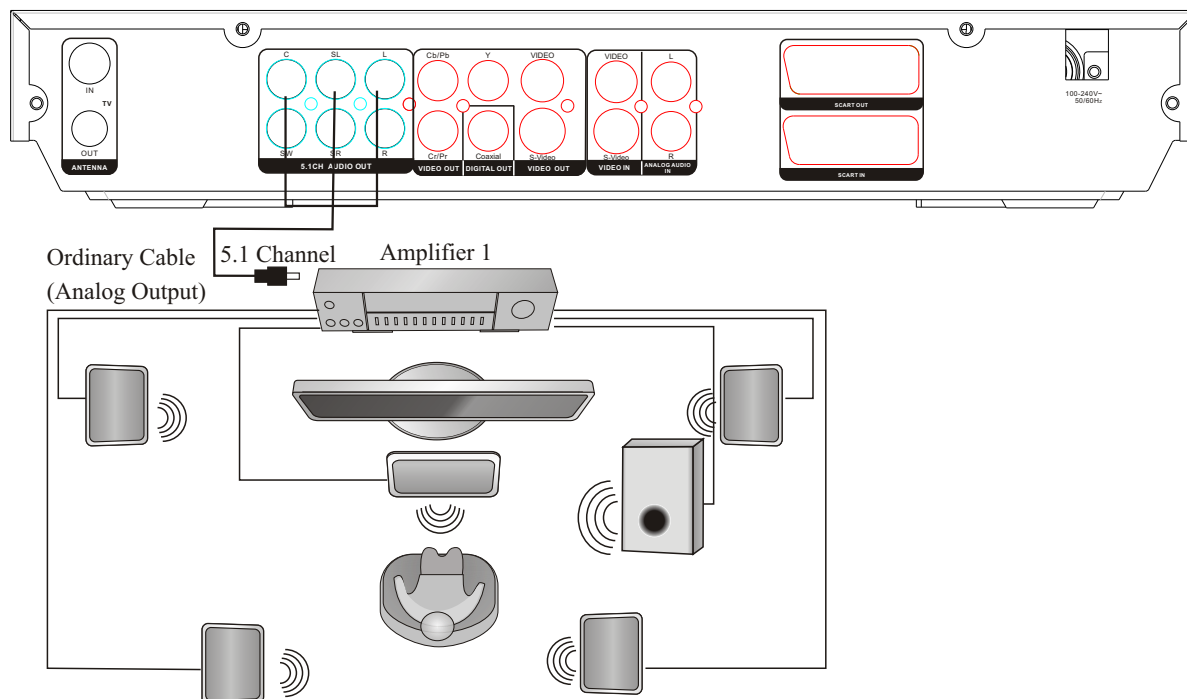
NOTE

- Refer to the manual of the connected system.
- Turn off the power and unplug both units before setting up any connections.

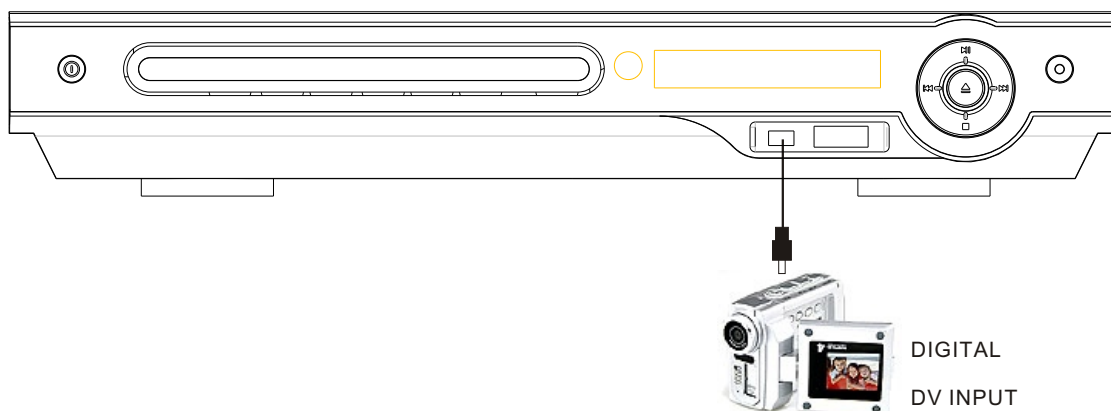
Connection

CONNECTION FOR AV SIGNAL (A/V FRONT INPUT)

The Rear Panel of the Unit



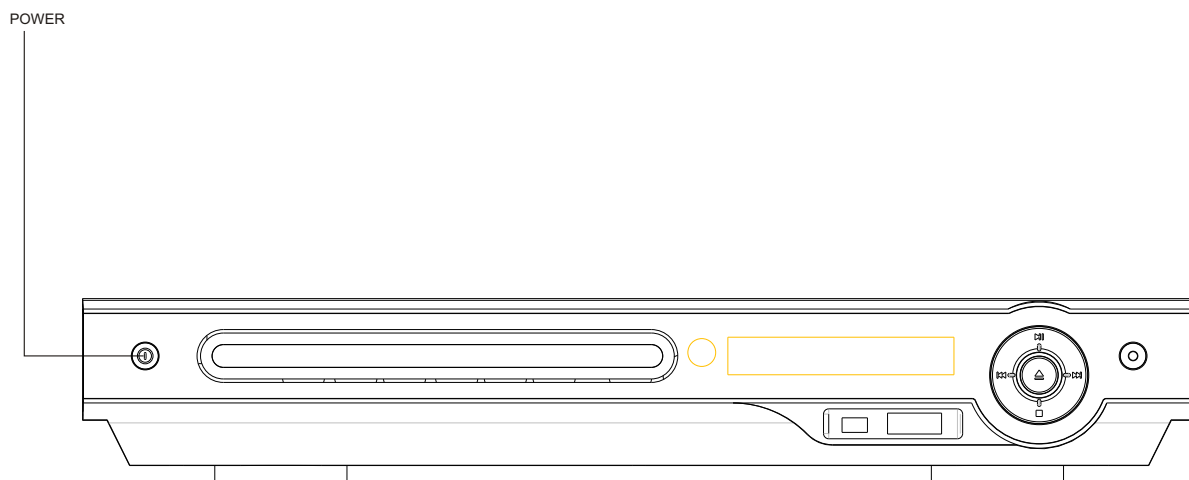
DVD RECORDER



NOTE

- Refer to the manual of the connected system.
- Turn off the power and unplug both units before setting up any connections.
- Turn off the power, connect the digital camera (refer to your instruction manual) Power on the DVD RW and Digital camera . Press “source” to activate the DV in for connection.

Connecting Power Supply



Before plugging the power cord into the AC outlet, check to make sure all of the connections have been properly completed. When they have been, carefully plug power cord into outlet.

Press the POWER button on the front panel to power the unit. The display panel will light.

When the unit is initially powered, a brief surge of electricity may cause interference with other electronic equipment on the same circuit. If this occurs, connect the unit to an outlet on a different circuit.

Basic Operation

SELECTING SOUND SOURCE

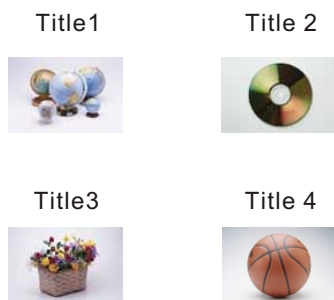
Press any function button (SOURCE, DVD, TV, DV, USB) to select the desired sound source. The appropriate symbol will appear in the display.

Note: The desired program source will not play unless it and the selected signal button coincide with the active program source signal input.

Playing Back a Disc

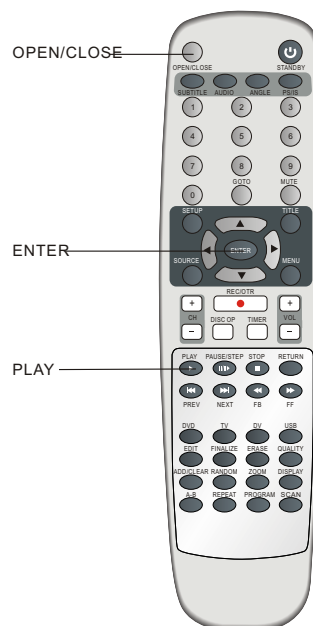
PLAYING A NORMAL DVD DISC

1. Power on your recorder.
2. Insert a DVD disc.
3. Press direction keys or the number buttons to select the title.



4. Press the **ENTER** or **PLAY** button.
The DVD video player will start playback from the title selected.

5. To remove the disc, first press the **STOP** button twice, press the **OPEN/CLOSE** button.

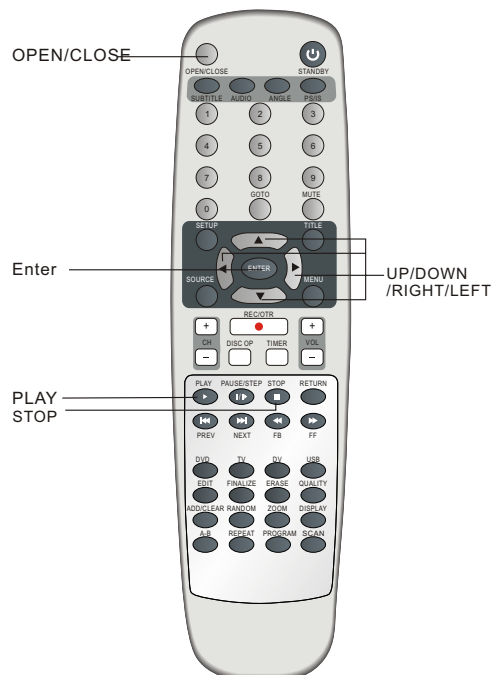


PLAYING A DVD+RW OR DVD+R DISC

1. Power on your recorder.
2. Press the **OPEN/CLOSE** button
This will open the disc tray and allow for the placement of a playable disc with the playback side down.
3. Press the **OPEN/CLOSE** button again
The index pictures will appear on the screen.
4. Use direction keys (**UP/DOWN/RIGHT/LEFT**) to highlight the title for you desired.
5. Press the **ENTER** or **PLAY** button to start playback of the title for you selected.
6. Stop playback
Press the **STOP** button once to pre-stop the player, press the **PLAY** button to resume playing from the stopping point. Press the **STOP** button twice to **STOP**.

Note:

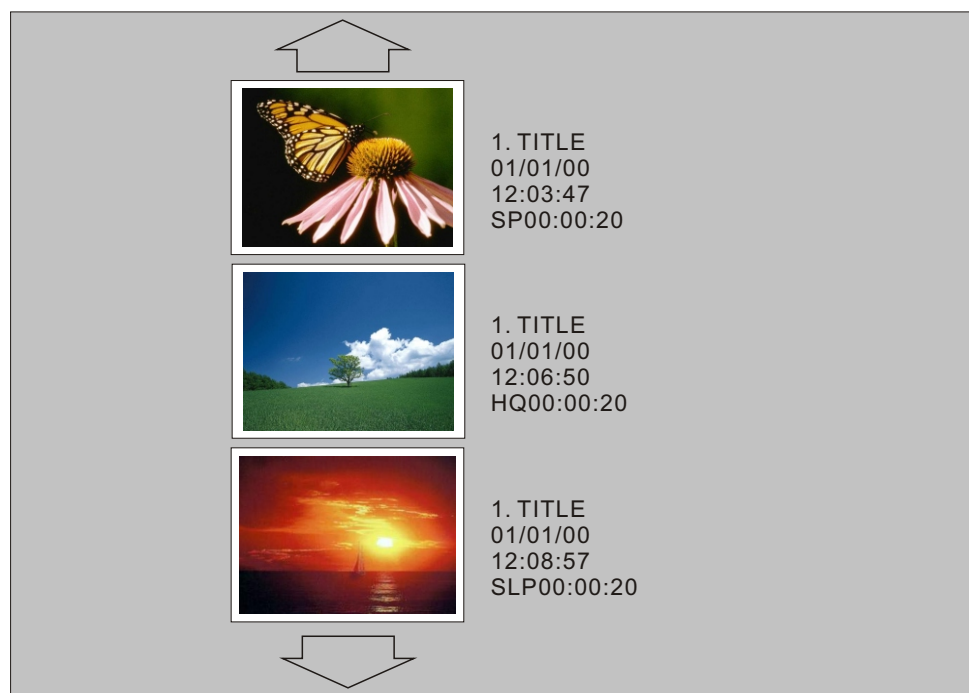
After finishing playback all titles contained on a DVD+RW or DVD+R disc, it will return to the Index Picture Screen.



Playing Back a Disc

PLAYING A DVD+RW OR DVD+R DISC

Index Picture Screen



Description:

1. The name of the pre-recorded. The default is TITLE.
2. The date and time of the record.
3. Title time of the record.
4. The quality.
5. The time of length for the record

1. 1. TITLE
2. 01/01/00
3. 12:03:47
4. SP 00:00:20
5. _____

NAVIGATION FUNCTION

All **playback** operation can be realised by the navigation. During playback, press the DISPLAY button twice or the NAVIGATION button once to access the control MENU:

► DVD	
MODE	Normal ►
Trick mode	Play
TITLE	35/41
CHAPTER	01/01
AUDIO	01/02-OTH
SUBTITLE	Off
ANGLE	01/01
T-TIME	00:00:00-00:00:00

Playing Back a Disc

The details of every function is as follows:

Press the RIGHT/LEFT button to highlight one icon and press the ENTER button to enter , after pressing the UP/DOWN button to select item, press the ENTER button to confirm it.

Press the DISPLAY button again to cancel the control bar.

MODE Normal ▶

Playback Mode Set your appreciated playback mode such as PROGRAM, RANDOM and various repeat mode.

Trick mode Play

Playback control Control playback by various setting such as FAST FORWARD, FAST REVERSE, PAUSE, STOP, etc.

TITLE 35/41

Title Select an available title by inputting numbers.

CHAPTER 01/01

Chapter Select an available chapter by inputting numbers.

AUDIO 01/02-OTH

Audio Select your desired Audio setting, if available.

SUBTITLE Off

Subtitle Select an available Subtitle by inputting numbers.

ANGLE 01/01

Angle Select your desired camera angle, if available.

T-TIME 00:00:00-00:00:00

Timer Goto the point you want to start from by inputting the time.

GENERAL FEATURES

1.Fast forward playback

Repeatedly press the FWD(▶▶)button during normal playback.

The speed will change with each press.

Press the **PLAY** button to resume normal playback.

FF2→ F4→F16→FF32
↑NORMAL PLAY↓

2.Fast reverse playback

Repeatedly press the REV(◀◀) button during normal playback.

The speed will change with each press.

Press the **PLAY** button to resume normal playback.

FB2→ FB4→ Fb16→ Fb32
↑NORMAL PLAY↓

3.Pause playback

Press the **PAUSE/STEP** button during normal playback to pause and press the **PLAY** button to resume normal playback.

4.Frame advance

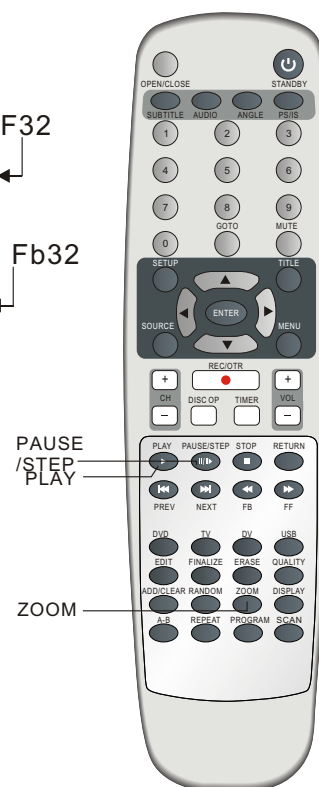
Press the **PAUSE/STEP** button twice during normal playback.

One frame is advanced when pressing the **PAUSE/STEP** button.

Press the **PLAY** button to resume normal playback.

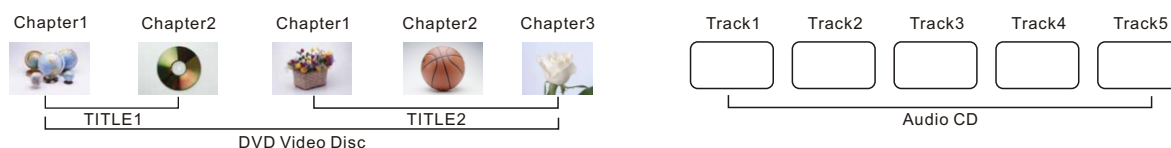
Note:

The above features vary depending on the disc type such as MP3, Audio CD, etc.



Locating a Specific Title, Chapter or Track

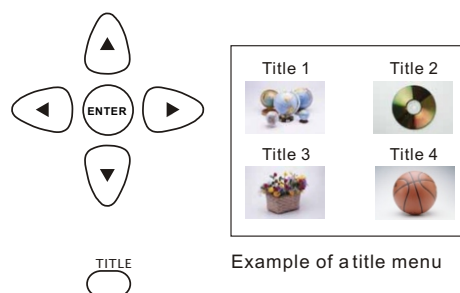
DVD VIDEO DISCS ARE NORMALLY DIVIDED INTO TITLES AND SUB-DIVIDED INTO CHAPTERS. SIMILARLY, CD'S (AUDIO, HDCD, and MP3) ARE DIVIDED INTO TRACKS. YOU CAN CONVENIENTLY LOCATE ANY SPECIFIC TITLE, CHAPTER, OR TRACK WITH THIS DVD PLAYER.



LOCATING A TITLE USING THE TITLE MENU

You can locate a specific title using the title menu function, if a DVD video disc contains a title menu.

1. Press the **TITLE** button
On the TV screen, the title menu will appear.
2. Press the **▲/▼/◀/▶** button to select the title that you want to
3. Press the **ENTER** button
This will cause the DVD video player to start playback from chapter 1 of the title selected.



NOTICE

- There are some discs that do not respond to this function.
- If different instructions appear on the TV screen, follow those instructions. The instructions above are describe as basic procedure. Procedure may depend on the contents of the disc.

LOCATING A SPECIFIC CHAPTER OR TRACK

This player allows you to locate consecutive chapters or tracks.

Repeatedly Press the SKIP◀◀ or ▶▶ button to display the requested chapter or track

The player starts playback from the selected chapter or track.

PREV NEXT
◀◀ ▶▶

How to locate proceeding chapters or tracks

- When you press the **SKIP◀◀** button, the player starts playback from the beginning of the preceeding chapter or track.

How to locate succeeding chapters or tracks

- When you press the **SKIP▶▶** button, the player starts playback from the beginning of the succeeding chapter or track.

Notice: on some discs the titles may not display the sub-divided chapters.

Locating a Specific Title, Chapter or Track

LOCATING A TITLE

If a DVD video disc contains title numbers, you can locate a specific title by directly selecting a title number.

1. Press the GOTO button once during playback.

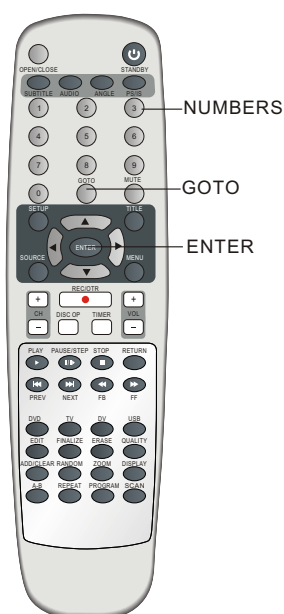
The control bar will display on the screen.

► CHAPTER---

2. To select your desired Chapter, input the number of available chapter, then press the ENTER button to confirm it.

e.g. To select Chapter2

► CHAPTER- -2



3. To select your desired title, press the GOTO button twice to highlight the icon ► TITLE:-- and input the number of available title, then press the ENTER button.

► TITLE:--

4. If you want to start playback from some time of point, press the GOTO button three times to highlight the icon ► TIME-: --:-- ,and input the available time, then press the ENTER button.

► TIME-: --:--

Note:

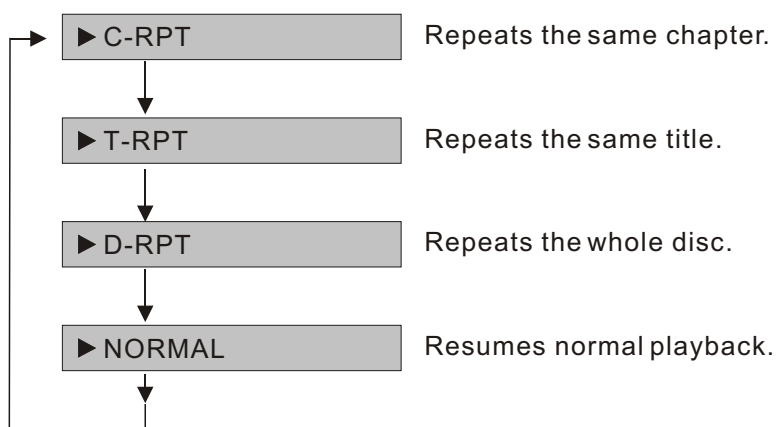
- The function is invalid on MP3 disc.
- For CD disc, GOTO is used for track/time selection.

Playing Repeatedly

THIS RECORDER ALLOWS YOU TO PLAYBACK A SPECIFIC TITLE, CHAPTER, TRACK, OR SEGMENT REPEATEDLY. (TITLE REPEAT, CHAPTER/TRACK REPEAT, A-B REPEAT)

HOW TO REPEAT A TITLE, CHAPTER, OR TRACK

1. Press the **REPEAT** button during playback.
The repeat mode changes, each time you press the **REPEAT** Button.



HOW TO REPEAT A SPECIFIC SEGMENT

1. Press the **A-B** button beginning of the segment in which you want to repeat playback (point A).

2. Press the **A-B** button again at the end of the segment (point B)

The recorder will automatically return to point A and start to repeat playback to the selected segment (A-B)

3. Press the **A-B** button three times to resume normal playback.

Note:

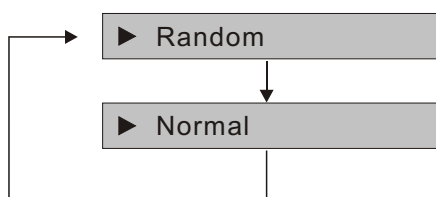
- There are two repeat modes for MP3/CD disc. On CD disc, they are track repeat and disc repeat, and on MP3 disc, they are repeat song and repeat directory.

Playing in Random Order

THIS RECORDER ALLOWS YOU TO PLAYBACK TITLES, CHAPTERS WITHIN A TITLE, OR TRACKS IN RANDOM ORDER.

PLAYING TITLES IN RANDOM ORDER

1. During normal playback press the RANDOM button.
The player will start random playback now.



2. Press the RANDOM button again to resume normal playback.



Note:

- The RECORDER will go to another chapter or track and start playback, if you press the SKIP button (⏮, ⏭), during random playback.

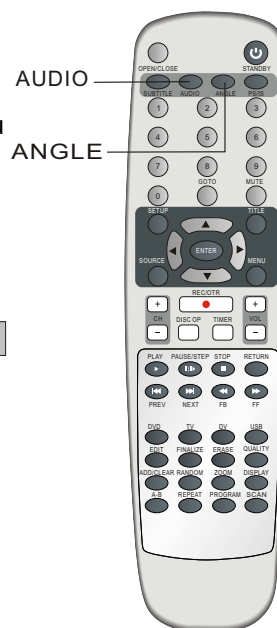
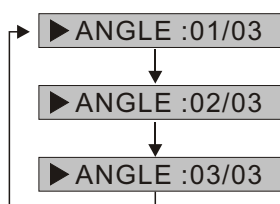
Selecting Camera Angles, Languages & Audio Settings

HOW TO CHANGE THE CAMERA ANGLE

If the DVD disc was recorded with multiple camera angles information, you have the option to change the camera angle of the scene which you are watching.

Press the ANGLE button while playing back a scene recorded with multiple angles.

- You may only press the ANGLE button when the angle icon ► ANGLE :01/03 is shown on the monitor.
- Each time you press the ANGLE button, the angle will be changed.



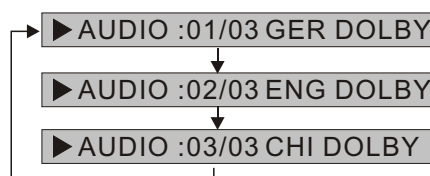
Note:

- The angle function will not work on the DVD video discs that do not contain multiple angles information.
- During still playback, you are able to change the camera angle. When you resume to normal playback, the camera angle will change to the new setting.
- The angle icon indicator will illuminate while playing back a title that contains at least one scene recorded from multiple angles.

HOW TO SELECT A LANGUAGE & PLAYBACK AUDIO SETTING

This RECORDER allows you to select a preferred language and sound recording system from the DVD video disc.

1. Press the **AUDIO** button during playback
2. Press the **AUDIO** button repeatedly to cycle through the options



Note:

- The RECORDER returns to the initial default settings when you turn on the RECORDER or replace a disc.
- The RECORDER plays a default sound when unsupported format is selected.
- On the MP3/CD disc, the AUDIO is used for the selection of left, right and stereo.

Playing in a Favorite Order

THIS RECORDER ALLOWS YOU TO PROGRAM UP TO 99 ITEMS INTO MEMORY AND THEN PLAY BACK IN THIS ORDER. (PROGRAM/PLAYBACK)

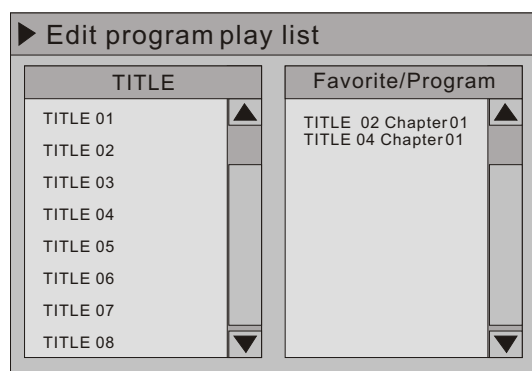
HOW TO SET TITLES, CHAPTERS, OR TRACKS IN A FAVORITE ORDER

1. Press the **DISPLAY** button twice to access the control bar, or directly press the **PROG** button to display the edit program play list.

2. Highlight **MODE** Normal by pressing the **RIGHT/LEFT** button, press the **ENTER** button.

3. Use the **UP/DOWN** button to select **PROGRAM** and press the **ENTER** button, two columns will appear on screen.

- The left column displays all titles on the disc.



- The right column allows you to edit titles in your favorite order.

2. In the left column, use the **UP/DOWN** button to select one title, and press the **ADD/CLEAR** button to add it to the right column.

You can also select one chapter by pressing the **ENTER** button after highlighting the title.

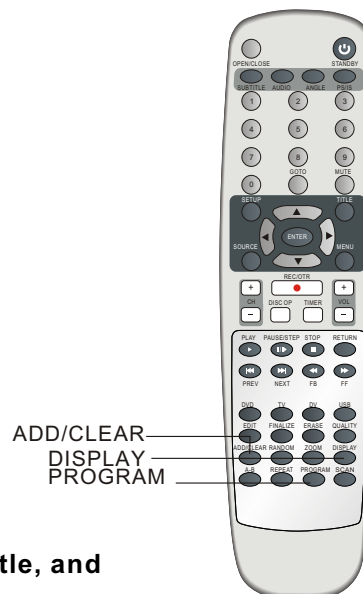
3. To clear one title you have added in the right column, highlight the one in the right volume and then press the **ADD/CLEAR** button to clear it. Use the **RIGHT/LEFT** button to move the cursor between the column.

4. Press the **PLAY** button to return the program play back.

5. Press the **DISPLAY** button twice to access the control bar

Select **MODE** Program use **UP/DOWN** to select **NORMAL** and press

the **ENTER** button to resume normal playback.

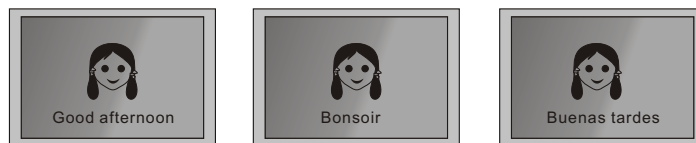


Note:

- On the MP3/CD disc, there are some differences on OSD.

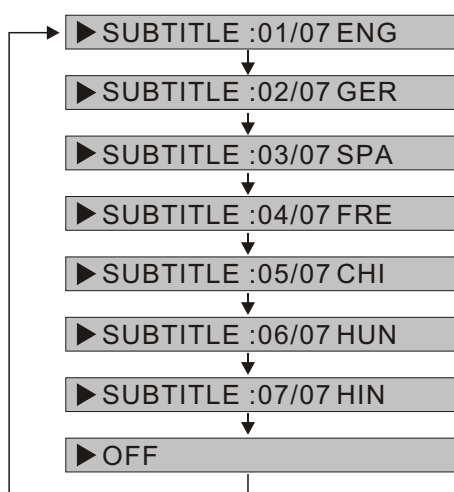
Selecting Subtitles

THIS RECORDER ALLOWS YOU TO DISPLAY THE SUBTITLES FROM THOSE INCLUDED ON THE DISC ON YOUR TV SCREEN.



HOW TO DISPLAY SUBTITLES

Press the SUBTITLE button during playback to choose one of the subtitles available on the disc, or turn the subtitle off.



Note:

- Due to the nature of some DVD, you may not be able to turn off the subtitles as they will appear on screen automatically.
- As you press the SUBTITLE button, the subtitles may not appear immediately during some scenes.
- If the subtitles continue to show on your TV even after the DVD has been turned off, please check the closed caption settings on your TV.

Using the On-Screen Display

THIS RECORDER ALLOWS YOU TO VIEW STATUS AND DISC INFORMATION ON YOUR TV SCREEN.

CHECKING THE OPERATIONAL STATUS

With this function you can view on your TV the following information:

- Play back status
- Current title
- Current chapter
- Current language
- Current title Time

Press the DISPLAY button once during DVD playback.

▶ Normal Play T01/25 C06/21 AU01/03 00:26:48

→ PLAYBACK STATUS

▶ Normal Play T01/25 C06/21 AU01/03 00:26:48

→ CURRENT TITLE/TOTAL TITLE

▶ Normal Play T01/25 C06/21 AU01/03 00:26:48

→ CURRENT CHAPTER/TOTAL CHAPTER

▶ Normal Play T01/25 C06/21 AU01/03 00:26:48

→ CURRENT LANGUAGE

▶ Normal Play T01/25 C06/21 AU01/03 00:26:48

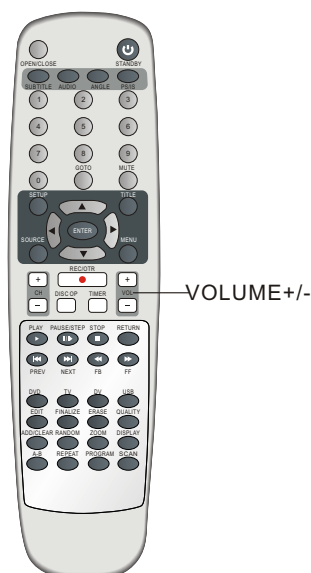
→ CURRENT TITLE TIME



Using the Volume or Mute Function

This recorder allows you adjust the sound level, or mute the sound.

- How to adjust the sound level
Press the VOL+ or VOL- button to increase or decrease the sound output level, MAX 20 step to adjust.
- How to mute the sound
Press the mute button to mute the sound.
Press it again to cancel mute.

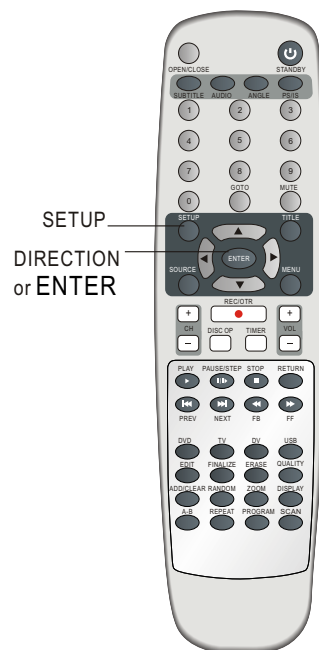


Setting the Parental Lock

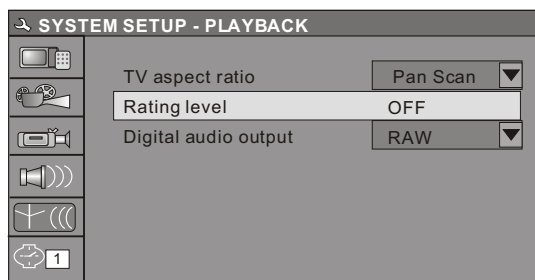
YOU CAN USE THE PARENTAL LOCK FUNCTION ONLY WITH DVD EQUIPPED WITH THE PARENTAL LOCK FEATURE

SETTING THE PARENTAL LOCK

DVD equipped with the Parental Lock function are rated according to their content. The content allowed by the Parental Lock level will vary from disc to disc. For example, if the disc allows it, you could edit out violent scenes unsuitable for children and replace them with more suitable scenes, or lock out playback of the disc all together.



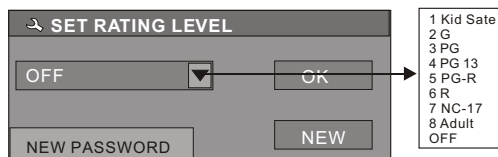
1. Press the **STOP** button twice during playback.
2. Press the **SETUP** button during stop status.
3. Highlight the **PLAY** icon by pressing the **RIGHT/LEFT** button.
The menu appears on the TV screen.



4. Use the **UP/DOWN** button to **ENTER** Rating Level, press the **ENTER** button.
5. Input your password of numbers, highlight **OK** and press the **ENTER** button.

The pre-set password is 6666

6. Press **SELECT**, the sub-menu of Set Rating Level appears, use the **UP/DOWN** button to select one rating, press the **ENTER** button to confirm it.



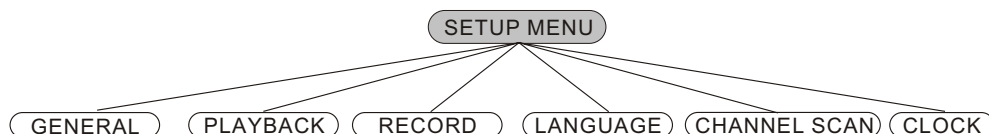
7. Highlight **OK** and press the **ENTER** button to save your setting.
8. Press the **SETUP** button to exit setup, press the **PLAY** button to start

TO CHANGE YOUR PASSWORD:

1. Follow step 1-5 to select **New**.
2. Enter new password.
3. Re-enter to confirm your new password.
4. Highlight **OK** and press the **ENTER** button to save it.
5. Press the **SETUP** button to exit.

Customising Function Settings

THIS PLAYER ALLOWS YOU TO CUSTOMISE THE PERFORMANCE TO YOUR PERSONAL PREFERENCES.



DISPLAYING THE SETUP MENU SCREEN

The SETUP MENU screen asks you to select a setting category from General, Speaker, Audio and Preferences. The selected category will provide you the setting details using the following page.

Main Page		
GENERAL	General Setup	
	Screen Saver	On/Off
	Progressive/Interlace	Interlace/Progressive
	Video output	YUV/RGB
	Country	finland/france/germany.....
	Video output format	PAL/NTSC
	Restore factory settings	OK
PLAYBACK	Playback Setup	
	TV aspect ratio	16:9/Pan Scan/Letter box
	Rating level	Off/8:Adult.....
	Digital audio output	RAW/LPCM
	Close captions	Off/On
RECORD	Record Setup	
	Auto Chapter Marker	On/Off
	Default quality	SLP/EP/SP/HQ
LANGUAGE	Language Setup	
	OSD language	English/French/Spanish/German/.....
	Menu language	English/Chinese/...../Original
	Subtitle language	Off/English/Chinese/...../Original
CHANNEL SCAN	Channel Scan Setup	
	Default TV System	PALB/G/PAL D/K
	Scan Channels	SCAN
	Modify channel information	EDIT
	Sort channel order	SORT
CLOCK	Clock Setup	
	Date(dd/mm/yy)	01/08/05
	Time(hh:mm:ss)	01:15:01
	Divx(r) vod	ok

1. Press the **SETUP** button during stop status.
2. Press the direction keys (**UP/DOWN/RIGHT/LEFT**) to select category (highlight), then press the **ENTER** button.
3. Press the **SETUP** button to exit the setup menu.

Recording Options

CHANNEL SEARCH

To record TV programs, you should search TV channels first.

1. Press the **SCAN** button to access the **CHANNEL SCAN** menu.

2. Use the **UP/DOWN** button to highlight **SCAN** and press the **ENTER** button.

It will search channels automatically.

During auto-searching, press the **STOP** button to cancel searching.

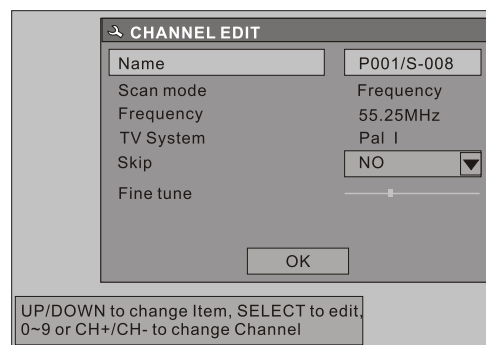
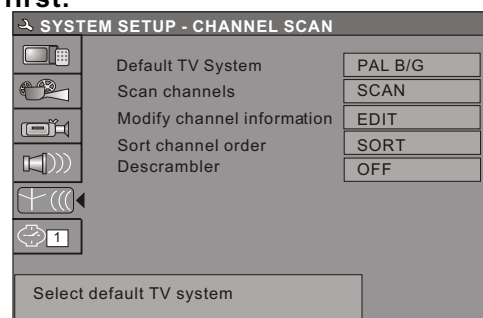
3. To browse the found channels, use the **UP/DOWN** button to highlight **EDIT** and press the **ENTER** button to setup it, press the **UP/DOWN** button to name, and you can also input numbers, then press the **ENTER** button to confirm it.

In the **SKIP** column, The channel cannot be found will be **YES**.

4. If you want to skip one channel, select the corresponding channel. Use the **UP/DOWN** button to highlight the skip and press the **ENTER** button, press the **UP/DOWN** button to highlight the yes, and press the **ENTER** button.

5. Use the **UP/DOWN** button to highlight the **OK** and press the **ENTER** button.

6. Press the **SETUP** button again to exit.



WATCHING ENCRYPTED CHANNEL

1. Connect the decryptbox to **SCART** input.
2. Connect the TV to **SCART** output.
3. Then set "Decrambler" to "on" in setup menu, now you can watch the encrypted channel and you can switch the source use the "TV" key on the remote control.

SETUP RECORD QUALITY

1. Press the **SETUP** button during stop status.
2. Press the direction keys (**UP/DOWN/RIGHT/LEFT**) to select.
3. Select default quality.

HQ: Perfect quality, nearly 60 minutes in a blank disc

SP: Standard play quality, nearly 120 minutes in a blank disc

EP: Extend play, nearly 240 minutes in a blank disc

SLP: Standard long play, nearly 360 minutes in a blank disc

NORMAL RECORDING

1. Make connections illustrated in pages 8 -12.
2. Insert a recordable **DVD+RW** or **DVD+R** disc into the recorder.
3. Press the **DV**, **TV** or **SOURCE** button to select the input source which you have connected as step 1.

F-CVBS: Front, Audio/Video Input (on the front panel)

R-CVBS: Rear Audio/Video Input (on the rear panel)

SCART: Rear SCART input (on the rear panel).

R-SV: Rear S-Video (on the rear panel)

TV: (you can select it by pressing **CHANNEL +/-** or input the assigned number of the channel to select your desired one directly)

DV: Digital vidicon

4. Press the **REC/OTR** button to start recording.

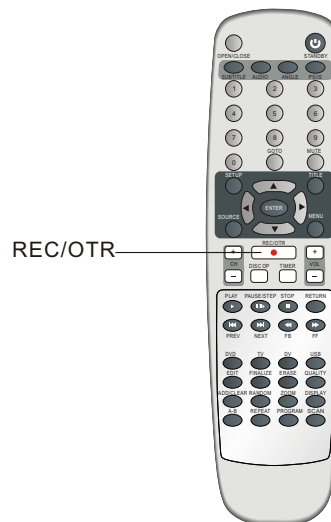
If you want to stop recording, press **STOP**.

If the **DVD+RW** or **DVD+R** is new, it will take about three minutes to stop.

Recording Options

ONE-TOUCH RECORD

1. During normal recording, press the REC/OTR button, the recorder will automatically stop in 30 minutes.
2. The recording time will extend for another 30 minutes with each press.
The length of recording time is determined by disc capacity and record quality.
With your setting, if it will exceed the capacity of the disc, OTR will be canceled, and switched to normal record.
3. If you want to stop recording, press the STOP button.



HOW TO SWITCH TO PLAYBACK MODE

When the recording has finished, you can press the PLAY button to switch to normal playback mode.

CLOCK SETUP

1. During stop status, press the SETUP button to access the Setup Menu.

2. Use RIGHT/LEFT to highlight the CLOCK icon.

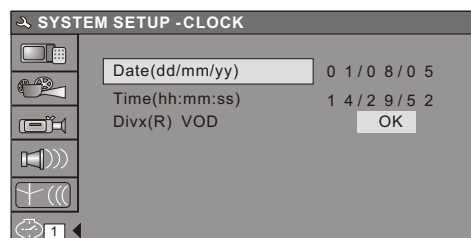
3. With Date (dd/mm/yy) highlighted, press the ENTER button, and input the local date by numbers, press the ENTER button again.

4. With Time (hh:mm:ss) highlighted, press the ENTER button, and input the local time of numbers, press the ENTER button again.

5. DivX(R) VOD password, press the ok button to obtain 8 codes & website address.
From the DivX website and by using the password code, you can download the film that you want to watch onto your computer and burn it to the DVD+RW DVD+R Disc to watch the film on the RW Recorder.

NOTE:

You can only watch numbers of films that you have paid for. After that, you have to repeat the above step.



Recording Options

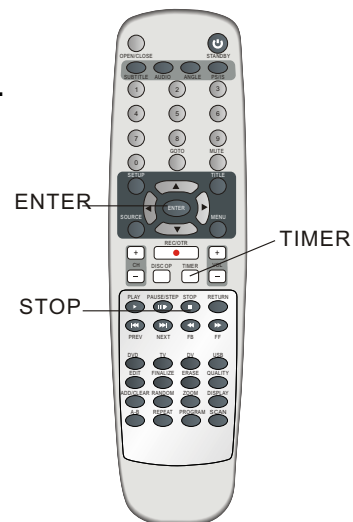
TIMER RECORD

1.First setup the clock of your system as “CLOCK SETUP” on page 29.

It is recommended to setup your local date and time.

2.Press the TIMER button, the record scheduler will pop up.

Record scheduler							
		Source	Quality	Date	Start	End	PDC
W	1	DV	SP	12/01/03	14:41	15:11	OFF
W	2	Rear CVBS	SP	DAILY	07:03	08:33	OFF
W	3	Ch057	HQ	12/31/03	12:44	13:05	OFF
	4						
	5						
	6						



Note:

- If you want to delete a schedule, highlight it, press the ADD/CLEAR button.

2.Use the UP/DOWN button to select one schedule, and press the ENTER button to access Item Editor as below:

In each item you can also use direction keys to highlight and press the ENTER button to choose your setting:

Signal input source, details see page 28, step 3.

Record quality, details see

page 28 setup record quality.

Record frequency, once, daily or weekly.

dd/mm/yy

Start time for recording

End time for recording

PDC

Item Editor	
Source	DV
Quality	SP
mode	once
date	0 1/0 1/0 0
Start	1 4 : 4 1
End	1 5 : 1 1
PDC	OFF
<div>OK</div> <div>Cancel</div>	

3.Highlight the item and press the ENTER button to Confirm to save your setting.

4.Five minutes before the program scheduled time, Recording Prompt will appear.

Select “CONFIRM” to continue , or “CANCEL” to stop. If no action taken within the time limit, the scheduled program recording will start.

Note:

- In standby mode, your recorder can wake up in 3 minutes before recording.
- During recording, you can press the STOP button to suspend the recording.
- ADVD+RW/DVD+R can record for MAX up to 360 minutes.

EDITING A TITLE OF DVD+RW

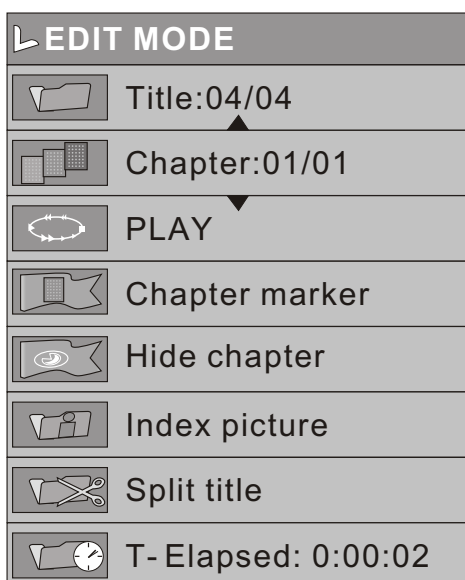
1.Insert a recorded DVD+RW on the disc tray.

The Index Picture screen pops up.

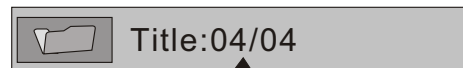
2.Use the direction keys to highlight the title which you want to edit.

3.Press the EDIT button, the edit bar appears on the screen while playing back.

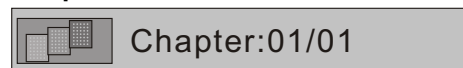
Press the RIGHT/LEFT button to highlight one icon and enter it, press the UP/DOWN button to select a sub-item.



View current title/total title



View current chapter/total chapter



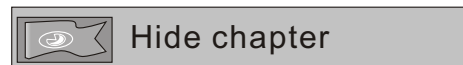
Current operation status



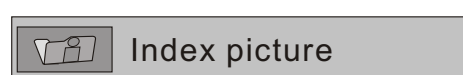
Chapter editing Select to add one chapter, or delete the current/all chapters, details see the next page.



Chapter hide or unhide Select to hide the current chapter, details see the next page



Title face or Title name Select to set the current image played back to the face of the title or select to name the current title, details see the next page.



Divide current to 2 titles at current point



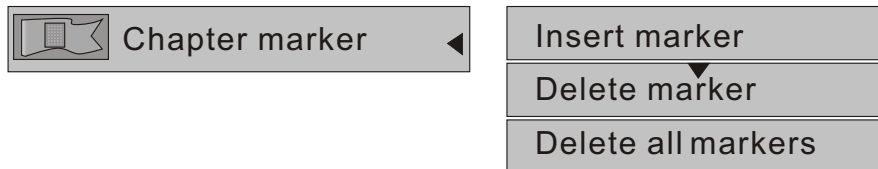
Title Timer



4.Press the EDIT button again to quit the menu.

CHAPTER EDITING

From the control bar, select the fourth icon, press the **ENTER** button repeatedly. It will cycle as follows:



When **Insert marker** is selected by pressing the **ENTER** button, a new chapter marker will be added to the current point.

When **Delete marker** is selected by pressing the **ENTER** button, the marker of the current chapter will be deleted.

When **Delete all markers** is selected by pressing the **ENTER** button, all of the chapter markers will be deleted.


Note:


From the second icon in the control bar, the above operation can be viewed.

If only one chapter is available in the current title, there is only **Insert marker** to select.

CHAPTER HIDE OR UNHIDE

From the control bar, select the fifth icon, press the **ENTER** button.

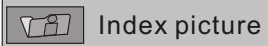
When the icon displays  **Hide chapter**, it shows the current chapter is visible, and you can select it to hide it by pressing the **ENTER** button.

When the icon displays  **Unhide chapter**, it shows the current chapter is invisible, and you can select it to unhide it by pressing the **ENTER** button.


TITLE ICON AND SPLIT TITLE

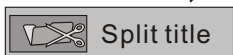
From the control bar, select the sixth icon, press the ENTER button .

When you want to set the current frame as the icon of the current title which miniature picture will appear in the Index Picture Screen, Press the **ENTER** button with  Index picture displayed.



From the control bar, ENTERthe seventh icon, press the ENTER button .

When  Split title is selected by pressing the ENTER button, a new title marker will be added to the current point.



EDIT TITLE NAME

1.Insert a recorded DVD+RW on the disc tray.

The Index Picture screen pops up.

2. Use the direction keys to highlight the title which you want to edit.

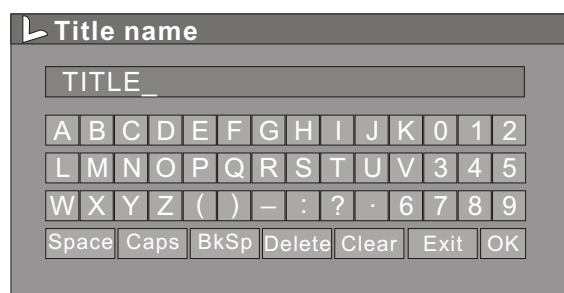
3. Press the RIGHT button, the edit bar appears on the screen while playing back.

Press UP/DOWN to highlight one icon and SELECT it.

4. From the control bar, select the third icon, press the ENTER button .

On the screen, there appears a keyboard:

Play title
Edit title
Rename title
Erase title
Overwrite title
Overwrite disc
Append title



Press the direction keys (UP/DOWN/RIGHT/LEFT) to highlight the one which you want to input, and press the **ENTER** button to confirm it.

The control bars of the last line in the keyboard is editing command.

Select OK to save the name.

Note:

The maximum length of the title name is up to 9 characters.

EDITING A DISC OF A DVD+RW

1. Insert a DVD+RW on the disc tray.

2. Press the DISC OPER button to access the disc editing menu.

3. With each icon highlighted by pressing the UP/DOWN button, the corresponding description of each operation will display on the screen, such as Erase disc, Rename disc, Record a new title, Overwrite disc, etc.

4. Press the enter button to run the operation.

DVD+RW Display

PLAY
Rename disc
Erase disc
Record a new title
Overwrite disc
Lock disc

DVD+R Display

Play
Rename disc
Record a new title
Finalize disc

EDITING A DISC OF A DVD+RW OR DVD+R

Play

Press the Enter button to playback from the disc.

Erase disc

ERASE (only DVD+RW)

Press the Enter button to begin erasing.

Rename disc

Press the direction keys (UP/DOWN/RIGHT/LEFT) to highlight the one which you want to input, and press the ENTER button to confirm it.

The control bars of the last line in the keyboard is for edit command. Select OK to save the name.

Note:

The maximum length of the title name is up to 9 characters.

Disc name

W_

A	B	C	D	E	F	G	H	I	J	K	0	1	2
L	M	N	O	P	Q	R	S	T	U	V	3	4	5
W	X	Y	Z	()	-	:	?	.	6	7	8	9
Space	Caps	BkSp	Delete	Clear	Exit	OK							

Lock disc

LOCK(only DVD+RW)

When the icon display LOCK, it shows you can lock your current disc. If you have locked your disc, you can't make further changes any more except play it back, but you can unlock it by pressing UNLOCK.

Finalise disc

Finalise(only DVD+R)

Highlight the icon and press the ENTER button. It will take a few minutes to finalise the disc.

Note:

If a DVD+R has been finalised, you can not record or edit DVD+R any more. If you want to make your disc compatible with the other DVD player, you should go on FINALISE operation.

Specifications

DVDR recorder

TV System	NTSC/PAL
Compatible Discs	DVD+R, DVD, CD, Mp3, DVD+RW, CD-R, CD-RW
Recordable discs format	DVD+RW, DVR+R
Resolution Ratio	Greater Than 500 lines
Video S/N Ratio	65dB
Frequency Response	fs (96KHz/24bit) 4Hz - 44KHz: +/-2dB
Audio S/N Ratio	95dB
Degree of Distortion	<0.01%
D/A Converter	192KHz/24bit
Video Out	1Vp-p
S-Video Out	Y: 1Vp-p(75Ω) C: 0.3Vp-p(75Ω);
Audio Out	2.0V ⁺⁰ ₋₁ V 5.1 Channel, 2 Channel mixed
Digital Audio Output Connections	Coaxial SCART, CVBS DV, S-Video

Remote Control

Transmitter	Infrared Ray
Signal Range	Approximately 15'
Power Source	2 AAA Batteries

General

Power Supply	AC 100-240V~ 50/60Hz
Consumed Power	35W

Because its products are subject to continuous improvement, we reserves the right to modify product design and/or specifications without notice and without incurring any obligations.

SYMPTOMS AND CORRECTION

Symptom	Correction
No power	<ul style="list-style-type: none"> • Connect the power plug into the wall outlet securely.
No picture	<ul style="list-style-type: none"> • Verify the connection from the DVD video output to the TV video input. Then Switch TV to appropriate mode(video 1) • Connect the videocable into the jacks securely. Refer to your television manual.
No sound	<ul style="list-style-type: none"> • Check the connection between the DVD player and the TV set, amplifier, or any other unit it is connected to. • Check to ensure the TV and amplifier are in the correct mode.
The playback picture has occasional distortion	<ul style="list-style-type: none"> • A small amount of picture distortion may appear because of a poor quality video/sound transfer to disc. This is especially true of some discs Manufactured between 1997-1998. • Scratched disc
Brightness is unstable or noises are produced on playback pictures	<ul style="list-style-type: none"> • Connect the DVD player directly through the TV and not through any other source. What you're viewing is the effect of the copy protection circuitry required on all DVD players. • If you don't have a video input on your TV, you must purchase an adapter.
The DVD video player does not start playback	<ul style="list-style-type: none"> • Place the disc with the graphics side up. • Place the disc on the disc tray correctly. • Make sure the disc is free from scratches & fingerprints. • Press the SETUP button to turn off the menu screen. • Cancel the parental lock function or change the parental lock level. (The Pre-set password is 6666.) • Turn the power off then disconnect the power plug and reinsert it back into the wall. Retry again.
MP3 won't read disc or It skips	<ul style="list-style-type: none"> • Return disc as the software edition used may not be compatible with the player. Use new editions of software such as Voyetra Audiostation 4, Adaptec's "Easy CD Creator", NTI or Roxio's Toast Titanium. • Make sure MP3 file are not encoded with a variable bit rate such as provided by Real Networks.
The remote control does not work Properly	<ul style="list-style-type: none"> • Replace the batteries with new ones.
The recorder cannot record.	<ul style="list-style-type: none"> • The type of the disc is wrong, it's not a DVD+RW or DVD+R disc. • The disc is recorded full. • The disc (DVD+R, DVD+RW) is locked, it should be unlocked. • The DVD+R has been finalised.
Some keys do not work	<ul style="list-style-type: none"> • The type of the disc is wrong, it's not a DVD+RW or DVD+R disc. • The unit is in record mode or it is recording.
The image is distorted.	<ul style="list-style-type: none"> • The setup of interlaced or progressive scan is wrong. • Press the I/P button to switch from each other.



DVD + ReWritable



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