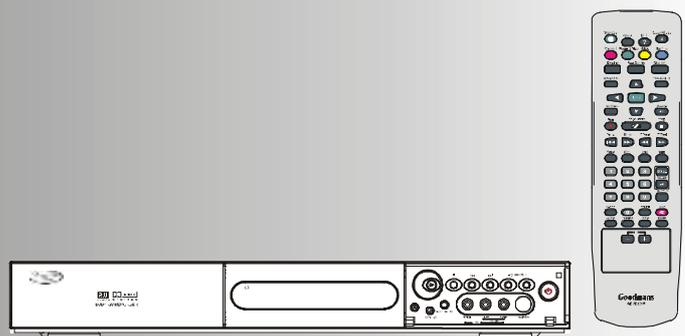


Goodmans



GDVD303R

Digital Versatile Disc Recorder
with Remote Control

User Guide



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Important Safeguards



For your own safety read following instructions carefully before attempting to connect this recorder to the mains.

Mains Supply: 230V ~ 50Hz - AC only

This unit is designed to operate on a **230V-50Hz** supply only. Connecting it to other power sources may damage it. Ensure that the supply corresponds to the information on the rating label at the rear of the recorder.

This component system may be fitted with a non-rewireable plug. If it is necessary to change the fuse in a non-rewireable plug the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a replacement, available from the manufacturer, is obtained. It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug.

If the plug needs to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions below. The plug must then be disposed of safely, as insertion into a 13A socket is likely to cause an electrical hazard.

IMPORTANT

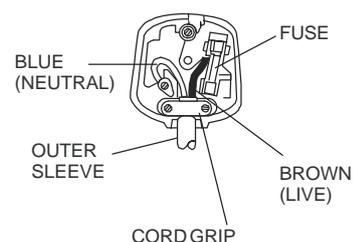
The wires in the mains plug should be connected as shown in the diagram.

The colours of the wires in the mains lead of the unit may not correspond with the coloured markings identifying the terminals in your plug. Connect them as follows:-

The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red.

There should be no connection to the earth terminal of your plug. If a 13 Amp (BS 1363) Plug is used, a 3 Amp Fuse must be fitted, or if any other type of Plug is used a 3 Amp or 5 Amp Fuse must be fitted, either in the Plug or Adaptor, or on the Distribution Board.



This symbol means that this unit is double insulated. An earth connection is not required.

DANGER

LASER SAFETY

CAUTION : USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM

This unit employs a laser. Only a qualified service person should remove the cover or attempt to service



CAUTION

To prevent electric shock, disconnect from the mains before removing cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

To achieve the utmost in enjoyment and performance, please read this manually carefully before attempting to operate the unit in order to become familiar with its features, and assure you years of faithful, trouble free performance and listening pleasure.

Important Notes

- Keep instructions the safety and operating instructions should be retained for future reference.
- Avoid installing the unit in locations described below:
 - Exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
 - On top of other stereo equipment that radiate too much heat.
 - Places lacking ventilation or dusty places.
 - Places subject to constant vibration.
 - Humid or moist places.
- Make sure not to obstruct the ventilation opening.
- Operate turning controls and switches as instructed in the manual.
- Before turning on the power for the first time, make certain the power cord is properly installed.
- Store your DVDs in a cool area to avoid damage from heat.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product.

Refer any servicing to qualified personal.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personal.

(Continued to next page)



Important Notes

Hearing is very important to you and to us so please take care when operating this equipment. It is strongly recommended that you follow the listed guidelines in order to prevent possible damage or loss of hearing.

ESTABLISH A SAFE SOUND LEVEL

- Over time your hearing will adapt to continuous loud sounds and will give the impression that the volume has in fact been reduced. What seems normal to you may in fact that be harmful. To guard against this **BEFORE YOUR HEARING ADAPTS** set the volume at a low level.
- Slowly increase the level until you can hear comfortably and clearly and without distortion.
- Damage to your hearing is accumulative and is irreversible..
- Any ringing or discomfort in the ears indicates that the volume is maybe too loud.

Once you have established a comfortable listening level, **DO NOT INCREASE THE SOUND LEVEL FURTHER.**

The following list of typical sound levels may assist you in recognising just how loud you have set the volume level.

DECIBEL Level(dB)	Example
30dB	Quiet library ,soft whisper.
40dB	Living room , fridge freezer bedroom away from traffic.
50dB	Normal conversation, quiet office, light traffic.
60dB	Electric sewing machine.
70dB	Vacuum cleaner, hair dryer, noisy restaurant.
THE FOLLOWING NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE	
80dB	Average city traffic, alarm clock buzzer at 2 feet, food mixer.
90dB	Motorcycle heavy goods vehicle, petrol lawn mower.
100dB	Pneumatic drill, chair saw, garbage truck, discotheque/night-club.
120dB	Rock band concert, thunderclap fast train passing by.
PERMANENT LOSS OF HEARING	
140dB	THRESHOLD OF PAIN GUNSHOT 2 feet away, Jet plane taking off.



Important Safeguards (continued)



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



DANGEROUS VOLTAGE

Conductor dangerous voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.



ATTENTION

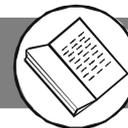
The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING : TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

Note:

This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

Important Safety Instructions



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

(Possible region codes:)



There are 6 regions (also called “ locals ”).

Each DVD player and disc will be played in one region ONLY.

- 1: Canada, U.S., U.S. Territories
- 2: Japan, Europe, South Africa, Middle East (including Egypt)
- 3: Southeast Asia, East Asia (including Hong Kong)
- 4: Australia, New Zealand, Pacific Islands, Central America, Mexico, South America, Caribbean
- 5: Former Soviet Union, Indian Subcontinent, Africa (also North Korea, Mongolia)
- 6: China

Never make or change connections with the power switched on.

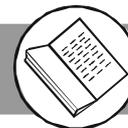
WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

CAUTION VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM (WARNING LOCATION: INSIDE ON LASER COVER SHIELD)



Precautions



Please read these precautions before operating this unit.

■ Power cord protection

To avoid any malfunctions of the unit, and to protect against electric shock, fire or personal injury, please observe the following.

- Hold the plug firmly when connecting or disconnecting the AC power cord.
- Keep the AC power cord away from heating appliances.
- Never put any heavy object on the AC power cord.
- Do not attempt to repair or reconstruct the AC power cord in any way.

■ Placement

Avoid placing the unit in areas of:

- direct sunlight or heating radiators, or closed automobiles
- high temperature (over 35°C) or high humidity (over 90%)
- much dust as the internal parts may be seriously damaged.

■ Non-use periods

When the unit is not being used, turn it off. When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

■ No fingers or other objects inside

- Touching internal parts of this unit is dangerous, and may cause serious damage to the unit. Do not attempt to dis-

semble the unit.

- Do not put any foreign object on the disc tray.

■ Keep away from water/magnet

- Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage could occur.
- Never bring a magnet or magnetized object near the unit.

■ Stacking

- Place the unit in a horizontal position, and do not place anything heavy on it.

■ Condensation

Moisture may form on the lens in the following conditions:

- immediately after a heater has been turned on
- in a steamy or very humid room
- when the unit is suddenly moved from a cold environment to a warm one If moisture forms inside this unit, it may not operate properly. In this case, turn on the power and wait about one hour for the moisture to evaporate.

■ If there is noise interference on the TV while a broadcast is being received

Depending on the reception condition of the TV, interference may appear on the TV monitor while you watch a TV broadcast and the unit is left on. This is not a malfunction of the unit or the TV. To watch a TV broadcast, turn off the unit.



About This Manual

Thank you for purchasing this DVD Recorder. We sincerely hope you can enjoy the pleasure of recording and playing back pictures through this quality unit with only certain simple operations to follow. Through this DVD Recorder, you can watch DVDs, play audio CDs, or watch TV shows through external devices. What is more, you can record programs to DVD+R or DVD+RW discs.

This DVD Recorder supports the following Media Formats:

--Playable disc format

- DVD, DVD+R, DVD+RW, DVD-R, DVD-RW, VCD, SVCD, CD-DA, Mixed CD-DA, Audio CD, JPEG file disc and Kodak Picture disc.

--Recordable disc format

- DVD+RW (Application Programme)
- DVD+R

NOTE:

Some discs may encounter problems during playback possibly due to mal production or external damage. If the discs are self-burn, self-copy or are non-original, we can not guarantee that they will be playable.

How to Proceed in This Manual

Using the DVD recorder and its features may be confusing at first. Please follow the order below to help you get through the important stages of getting set up so you can start using your DVD recorder as soon as possible.

1 Check the contents of the package.

Refer to the section of “ General Information ” in the manual that was included with this unit. You should have the items listed in the section.

2 Get acquainted with the recorder.

Refer to the sections of “ Function Overview ” in the manual. It will let you get familiar with the parts and buttons on the main unit and remote control as you proceed throughout the manual.

3 Make the necessary connections.

Refer to the section of “ Basic Connection ” in the manual. It will guide you how to make the connections with external audio and video device.

4 Set the necessary settings from the initial setup menu.

Before you operate the DVD recorder, refer to the section of initial Settings in the manual. It will provide on-screen menus with different options to let you select the proper settings corresponding to the system.

5 Record a disc.

You can record your favourite shows from local cable TV, or music and picture from an external audio and video device on both DVD+R and DVD+RW media. Refer to section of Chapter 2-2 Recording in the manual.

6 Play back a disc.

After making all the connections and menu setups, you can start to play DVD, DVD+R, DVD+RW, DVD-R, DVD-RW, JPEG photo CD, Video CD or CD discs with the recorder. Refer to section of Chapter 3 Playback Features in this manual.

7 Benefit all the available features.

You can obtain all the benefits from advance features given by this recorder. Refer to section of Chapter 3 Playback Features in the manual.



Features

- Built-in Dolby Digital decoder, supporting Dolby Pro Logic and Virtual Surround
- 2 Channel audio out
- TV tuner receiver
- Support DVD+RW, DVD+R, SVCD, VCD1.1, VCD2.0, CDR, CDRW discs
- DVD navigation and SVCD, VCD2.0 PBC controlling functions
- VFD front panel display and OSD menu display
- Full function remote control
- Scart loop through

DVD region code

DVD recorders and discs are designed with region numbers which dictate the region (printed on the rear panel). If the region number does not match the region number in your DVD recorder, you will not be able to play the disc. If you try to play the DVD, the message "WRONG REGION NUMBER" will appear on OSD.

This unit is set to Region 2

Discs that can be played

- DVDs
Disc are general recorded with multi-titles.
Titles may be subdivided into chapters.
- Video CD (version 2.0, 1.1,) / SVCD
Disc are general divided into tracks.
- Audio CDs / Kodak picture CD
Disc are divided into tracks.

Note

- You cannot play CD-G, CD-EXTRA, , CD-ROM and DVD-ROM discs.
- You cannot play illegally produced discs.
- You cannot play scratched discs.
- You cannot play disc that are dusty, soiled or marked with fingerprints.

DISC can be recorded

- DVD+R (Digital Versatile Disc + recordable)
- DVD+RW (Digital Versatile Disc + rewritable)

Glossary of disc terms

- Title (DVD)
The longest sections of a picture or a music piece on a DVD; a movie, ect., for a picture piece on a video software; or an album, etc., for a music piece on and audio software. Each title is assigned a title number enabling you to locate the title you want.
- Chapter (DVD)
Sections of a picture or a music piece that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want. Depending on the disc, no chapters may be recorded.

- Track (Video or audio CD)
Sections of a picture or a music piece on a VIDEO or a CD. Each track is assigned a track number enabling you to locate the track you want.

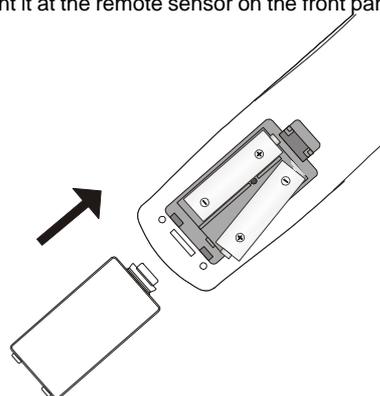
Supplied Accessories

Check that you have the following items:

- Aerial Loop through cable
- Remote control
- AA batteries
- Owner's manual
- Scart Cable

Inserting Batteries into the Remote Control

You can control the system using the supplied remote. Insert two batteries by matching the + and - on the batteries. When using the remote, point it at the remote sensor on the front panel of this system.



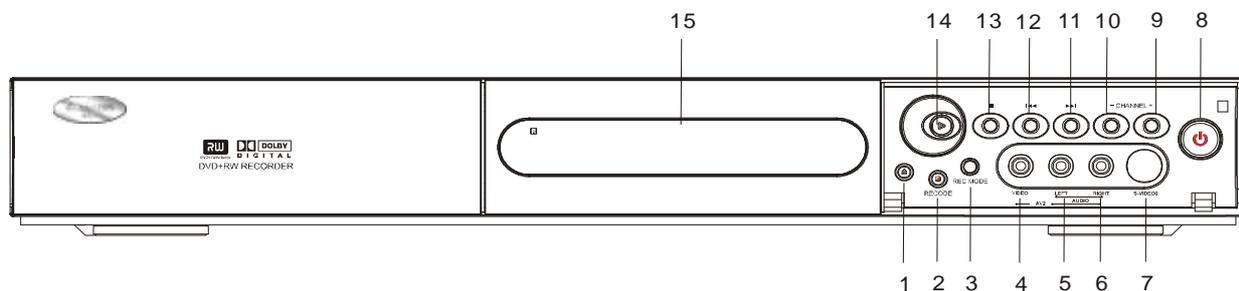
Note

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you will not use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.



Function Overview

Front panel



1-OPEN/CLOSE

Press to open/close disc tray.

2-RECORD

Press to record.

3-REC MODE

Select the record mode

4-VIDEO IN (AV2 IN)

Video input jack

5-AUDIO IN (L)

Audio input jack(left channel)

6-AUDIO IN (R)

Audio input jack(right channel)

7-S-VIDEO IN

S-video input jack

8-STANDBY/ON

To switch the unit to standby and power on mode

9- CHANNEL (+)

Press to select next TV channel

10- CHANNEL (-)

Press to select previous TV channel

11- NEXT

Press to select the next track or chapter.

12- PREV

Press to select the previous track or chapter.

13- STOP

Press to stop playback except for timer recording.

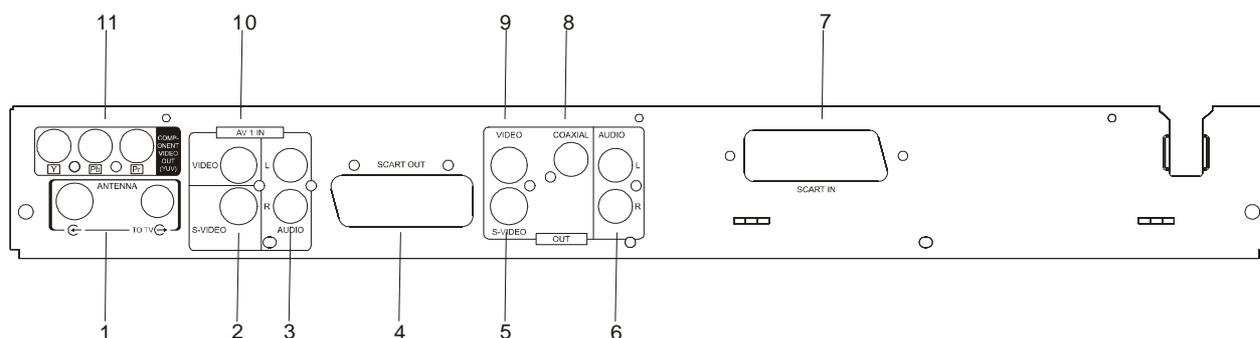
14- PLAY/PAUSE

Press to play or pause the playback.

15- FL

Fluorescent Display.

Back panel



1-ANTENNA

Connect TV aerial and RF loop through cable here

2-S-VIDEO (IN)

S-video input jack

3-AUDIO IN (Left and Right)

Audio input jacks

4-SCART OUT (TO TV)

Scart output jack

5-S-VIDEO (OUT)

S-video output jack

6-AUDIO OUT (Left and Right)

Audio output jacks

7-SCART IN (Connect a Freeview or Sky box here)

Scart input jack

8-COAXIAL OUT

Coaxial digital audio output

9-VIDEO OUT

Video output jack

10-VIDEO IN

Video input jack

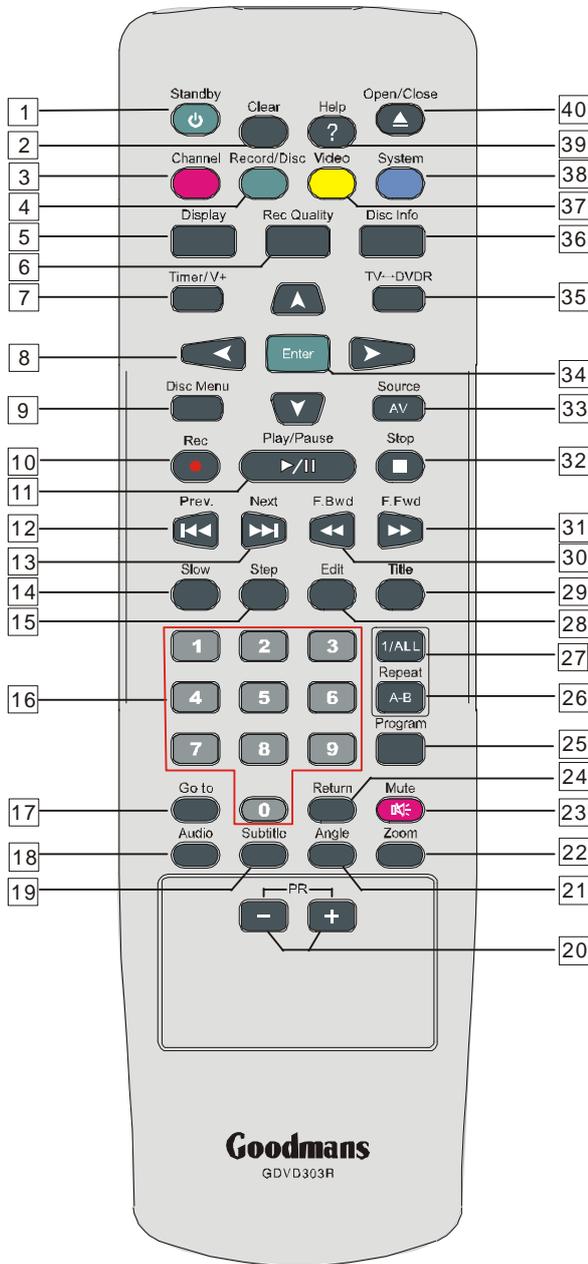
11-COMPONENT VIDEO IN

Component video input jacks

Function Overview



Remote control



1. **Standby** : switches the unit between standby and on.
2. **Clear** : press to clear what you select or input.
3. **Channel**: press to enter channel setup menu.
4. **Record/Disc**: press to enter Record/Disc setup menu.
5. **Display**: press to show the playing information about the disc.
6. **Rec Quality**: press to select the record quality before recording.

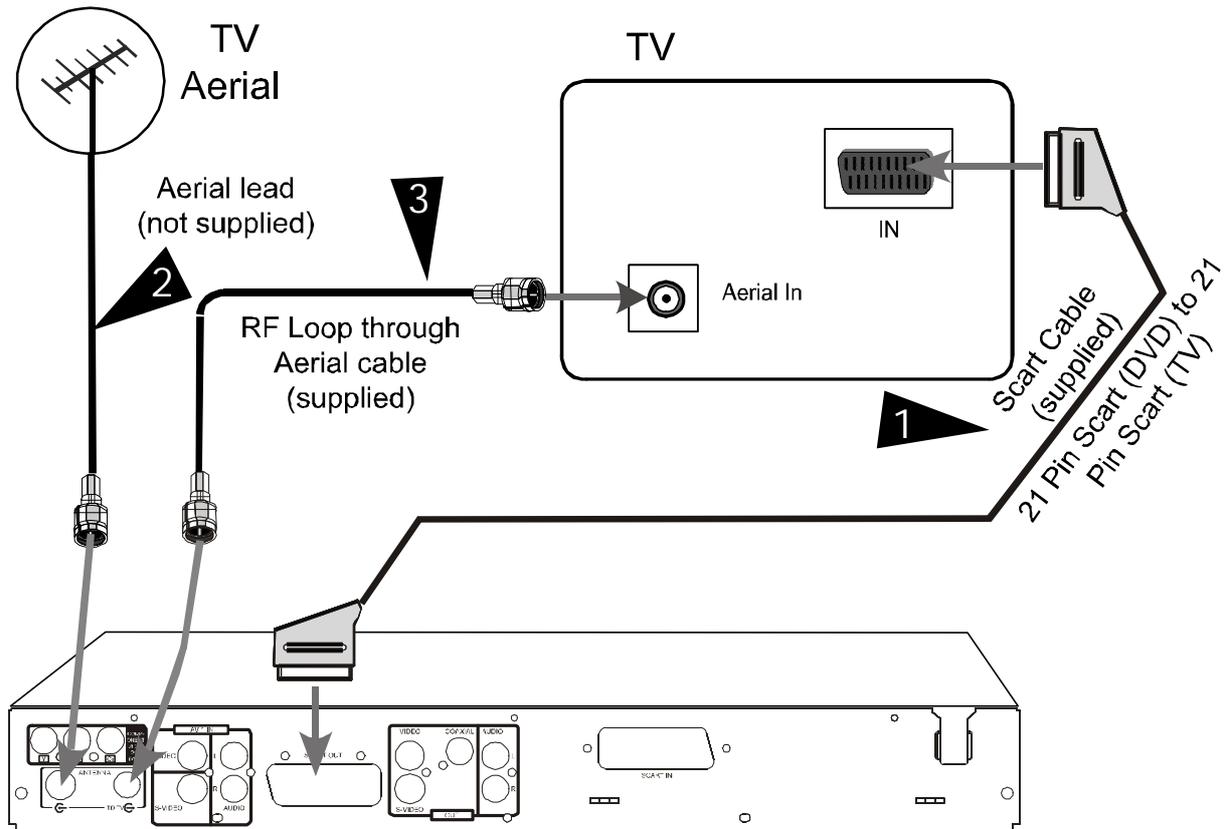
7. **Timer/V+** : press to start timer recording or enter Video Plus.
8. **Directional arrow buttons** : select the item you want.
9. **Disc Menu** : press to select the root menu and PBC ON/OFF.
10. **Record** : press to start record.
11. **Play/Pause** : press to start or pause playback.
12. **Prev.** : skip to previous chapter or track.
13. **Next** : skip to next chapter or track.
14. **Slow** : select the forward/backward slow speed playback.
15. **Step** : press to view playback frame by frame.
16. **Number Keys** : used in DVD menu and CD track selection.
17. **Go to**: go to the desired starting title, chapter, track or time.
18. **Audio** : changes the audio channels of a VCD or CD if available, or selects stereo, left or right audio channel of a VCD disc.
19. **Subtitle** : access various subtitle language in DVD.
20. **PR +/-** : press to select upper/lower TV program channel.
21. **Angle** : access various camera angles on DVD.
22. **Zoom** : press to enlarge the picture.
23. **Mute** : press to shut off the sound or to restore the sound.
24. **Return** : return back to the menu (VCD only).
25. **Program** : program the tracks in your own order (only VCD and CD)
26. **A-B** : repeat a certain segment between A and B.
27. **1/ALL** : allow you to repeat a title, a chapter, a song or all songs on the disc (usually used on music discs).
28. **Edit** : press to edit what you record.
29. **Title** : displays the title menu if available (DVD only)
30. **Fast Backward** : press to do fast backward search.
31. **Fast Forward** : press to do fast forward search.
32. **Stop** : stops by momentarily or fully.
33. **Source** : press to select your desired source.
34. **Enter** : press to enter a command or confirm a selection.
35. **TV<-->DVDR** : press to transfer between TV and DVD mode.
36. **Disc Info** : press to show some informations of recorded disc.
37. **Video** : press to enter Video setup menu.
38. **System** : press to enter System setup menu.
39. **Help** : press to enter Help Information menu.
40. **Open/Close**: open or close the disc tray.



Basic Scart Connection

Connect scart cable to the scart out socket of the recorder. Connect the other end to the Scart / AV socket located on the TV.

Note: Scart cable supplied. All other cables shown are not supplied.
These cables may be purchased from most hifi / electrical stockists.



Basic Connection



IMPORTANT!

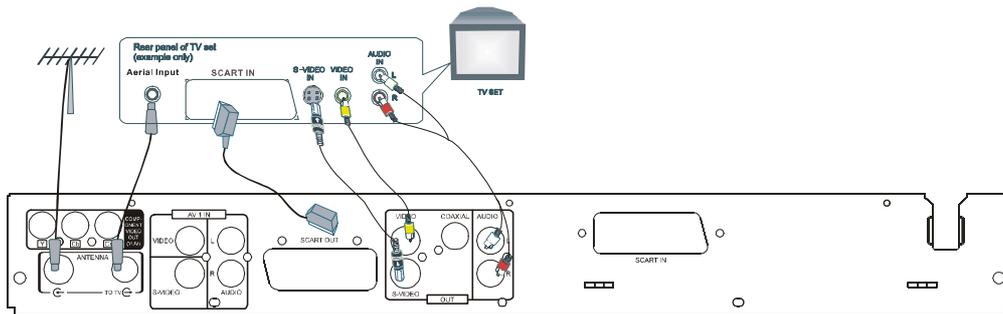
- Before connecting the AC power to the wall outlet, ensure that all other connections have been made.
- Never make or change any connections with the power switched on.

Note: Scart cable supplied. All other cables shown are not supplied. These cables may be purchased from most hifi / electrical stockists.

Connect your DVD recorder to TV set

If your TV set has a VIDEO OUT socket, connect your TV with a Video cable.

1. Disconnect the TV aerial from the TV and insert it into the ANTENNA IN socket located at the rear of the recorder.
2. Insert the supplied Aerial loop through cable to the ANTENNA OUT socket and the other end to the TV aerial IN socket.



Connect your DVD recorder to additional devices, using second Scart socket **(Configuration A)**

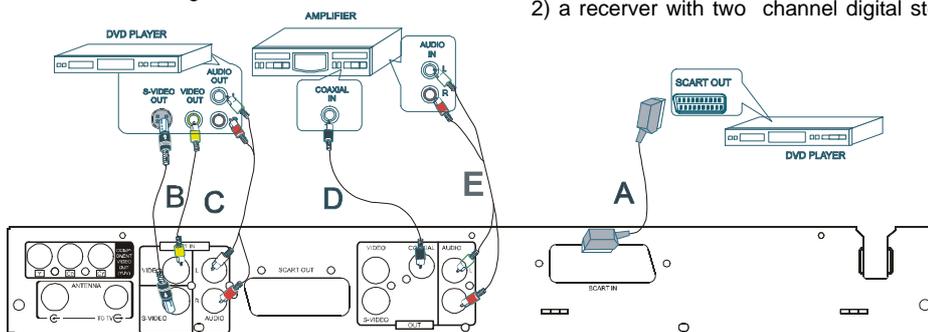
You can connect additional devices such as Sky Box, decoders, DVD player, etc. to the Scart In, then you can see the picture from the additional device on your TV set. At the same time, you can record the program from the additional device.

Connect your DVD recorder to an Amplifier with 2 channels and surrounding audio input. **(Configuration E)**

The analogue audio sockets AUDIO OUT are located at the back of the DVD recorder.

These can be used connect the following:

- 1) a receiver with Dolby Surround Prologic
- 2) a receiver with two - channel analogue stereo



Connect your DVD recorder to additional devices, using Video socket **(Configuration B/ C)**

You can connect additional devices such as decoders, camcorders, etc. to the S-video / Video and Audio in, then you can see the picture from the additional device on your TV set. At the same time, you can record the program from the additional device.

Connect your DVD recorder the digital audio socket to Audio devices **(Configuration D)**

At the back of the DVD decoder there are digital output socket Digital DVD recorder.

These can be used connect the following:

- 1) an A/V receiver or A/V amplifier with digital multi-channel sound decoder
- 2) a receiver with two channel digital stereo



Basic Connection

Connect your DVD recorder to VCR or a similar recording equipment

You can use this unit as the source player or as the recording deck.

Connection for recording from other equipment

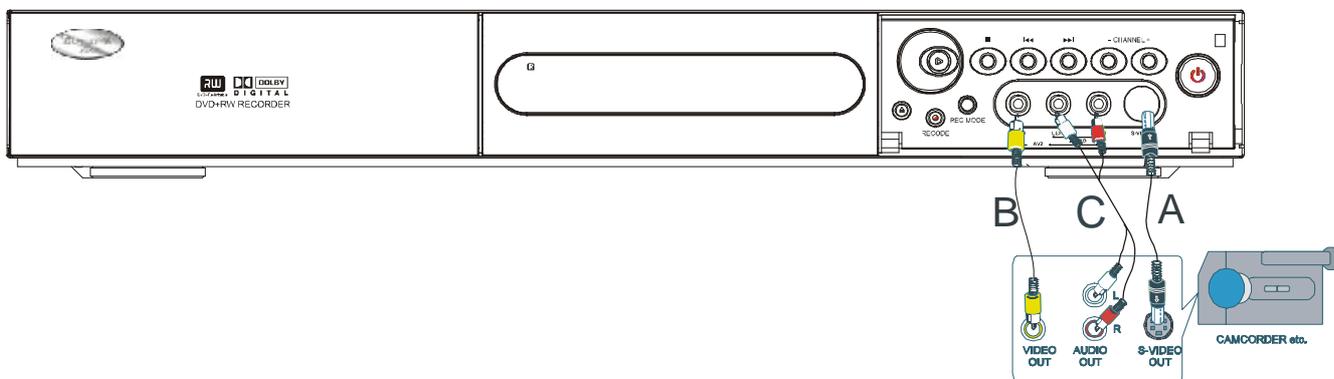
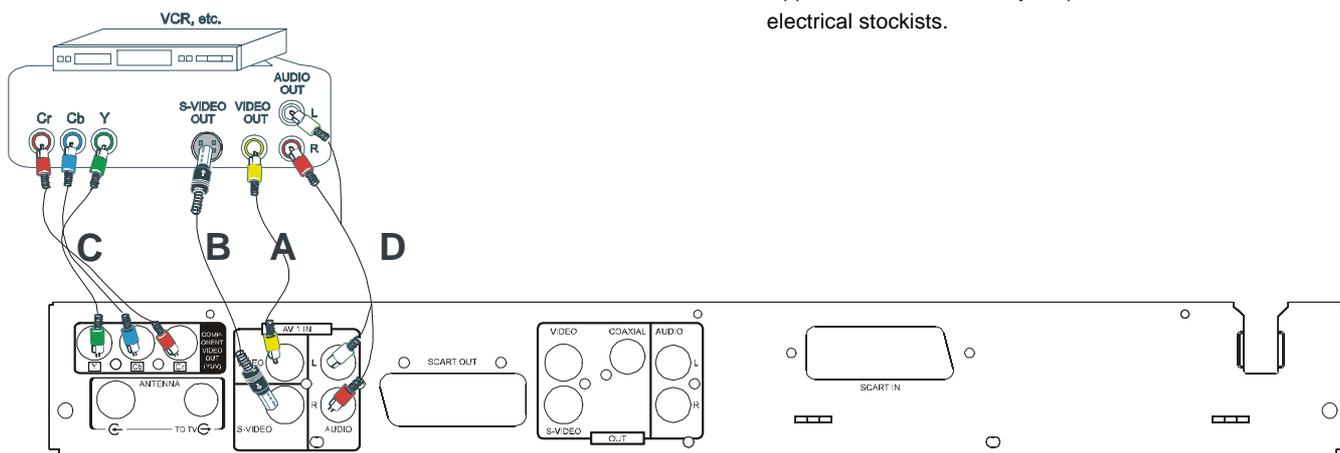
You can connect additional devices such as decoders, camcorders, etc. to the S-video /Video/component and Audio in, then you can see the picture from the additional device on your TV set. At the same time, you can record the program from the additional device.

1. Connect to the AV IN by a video cable.(configuration A+D)
2. Connect to the AV IN by a s-video cable.(configuration B+D)
3. Connect with component video cable.(configuration C+D)

4. Connect to a camcorder etc. by a video/s-video/DV IN. To copy camcorder recordings, you can use the front sockets. These sockets are located behind the flap on the left hand side.

- **Best picture Quality(Configuration A)**
If you have a DV or digital 8 camcorder, connect the DV IN of the DVD recorder to the appropriate DV output on the Camcorder.
- **Very good picture Quality (Configuration B+D)**
If you have H18 or S-VHS (c) camcorder, connect the S-Video 2 of the DVD recorder to the S-VHS output on the camcorder. you must also connect the audio input L AUDIO R on the DVD recorder to Audio output on the camcorder.
- **Good picture Quality(Configuration C+D)**
If your camcorder only have a single Video output (compositeVideo, CVBS), connect the Video(AV 2) of the DVD recorder to the Video output on the camcorder. you must also connect the audio input L AUDIO R on the DVD recorder to Audio output on the camcorder.

Note: Scart cable supplied. All other cables shown are not supplied. These cables may be purchased from most hifi / electrical stockists.



1-1 Initial Setting



Turn on your TV then turn on the recorder. The TV should show the EASY SETUP guide. If this does not show then press the AV button on your TV until the Picture shown below is seen.

Select Language

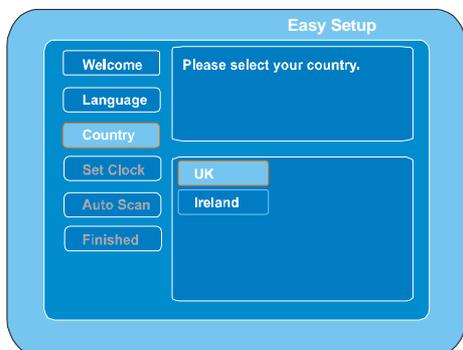
1. " Easy Setup " screen appears on the TV screen, press **Enter** to confirm, " Language " is highlighted.



2. Press **▲/▼** repeatedly to select language then press **Enter** to confirm, " Country " is highlighted.

Select Country

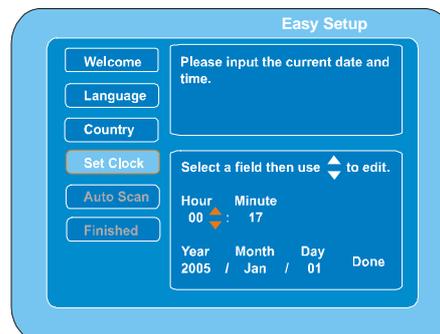
1. Select " Country " , and press **▲/▼** repeatedly to select country.



2. Press **Enter** to confirm, " Set Clock " is highlighted.

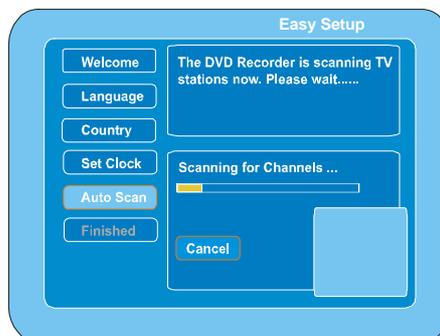
Setting Clock

1. Select " Set Clock " and press **Enter**.
2. Press **◀/▶/▲/▼** repeatedly (or number buttons) to set the date and time.
3. Press **▶** to select " Done" , and then press **Enter** , " Auto Scan " is highlighted and begin to auto scan channels.



Setting Auto Scan

1. Select " Auto Scan " .
2. Press **Enter**, auto memory channel scanning screen appears and starts to memorize all the channels available in your area.



Note: If you don't want it, press **Enter** to cancel.

3. Please wait and " Finished " is highlighted when the scanning is finished.



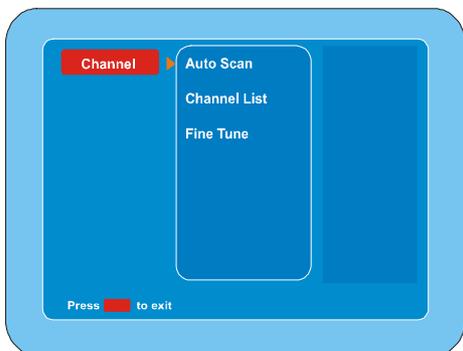
4. Press **Enter** to finish the initial setup and enter monitor mode.



1-2 Channel Setup

(Channel ---> Auto Scan, Channel List & Fine Tune)

1. Press **Channel** , “ Channel ” screen appears on the TV screen.
2. Press **Enter** or **▶** , “ Auto Scan ” is highlighted.
3. Press **▲/▼** repeatedly to select the item.



Note: The recorder will auto enter into TV mode after auto scanning all channels.

Auto Scan

Auto Scan is a tuner search and allows a channel to be confirmed. During initial setup, this DVD Recorder will select available TV channels. Yet, if more channels become available in your area, you may need to repeat the Auto Scan to update the available channels.

Note:

- While doing Auto Scan, it will erase and replace all previously stored channels.
- Before doing Auto Scan, make sure your TV connections has been made properly.
- For Details on how to make TV connection to your DVD Recorder, please refer to the Basic Connection.

1. Select “ Auto Scan ” .
2. Press **Enter** or **▶** , a message screen appears.



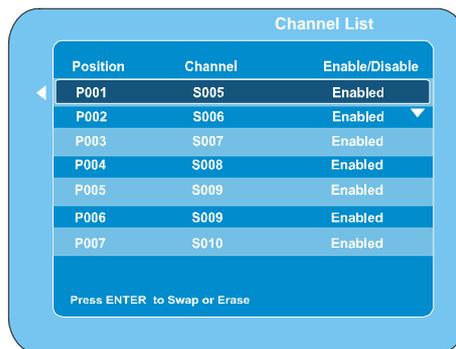
“ Yes ” is highlighted.

Note: If you want to cancel it, press **▶** to select “ No” , and then press **Enter**.

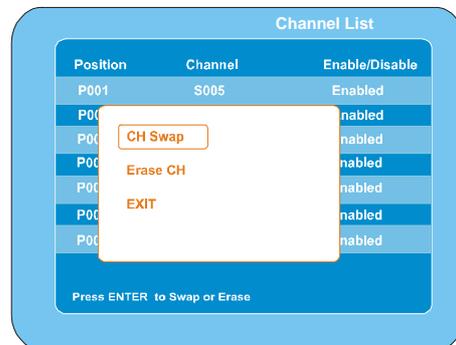
3. Press **Enter**, auto memory channel scanning screen appears and starts to memorize all the channels available in your area.

Channel List Setting

1. Select “ Channel List ” .
2. Press **Enter** or **▶** , “ Channel List” screen appears.



3. Press **▲/▼** to select the channel you want to edit, and then press **Enter**,the edit menu appears on TV screen.“ CH Swap” is highlighted.



1-3 Record/Disc Setup



Channel Setup (continued)

4. Select “ CH Swap ” and press **Enter**, then press **◀/▶/▲/▼** to select your desired position and press **Enter** to confirm. The previous channel will be moved to the new position.

Note: If you want to receive or not receive the channel, press **▲/▼** to select “ Erase CH ” and then press **Enter**, “ Enabled ” or “ Disabled ” appears.

5. Select “ Exit ” and press **Enter** to return to “ Channel ” screen.

Fine Tune Setting

1. Select “ Fine Tune ” .
2. Press **Enter** or **▶** , the fine tune screen appears.



3. Use **◀/▶** to move the cursor and fine tune the selected channel to get a more wonderful vision.
4. Press **▼** to select “ Done ” and press **Enter** to confirm.

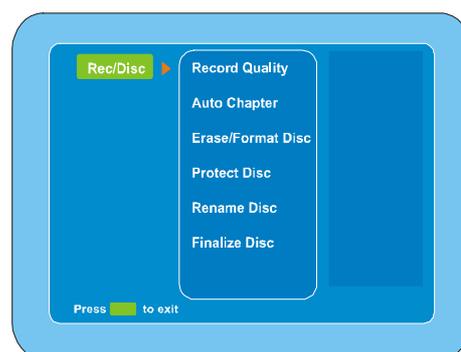
Note :

If it is not necessary, select “ Cancel ” and then press **Enter**.

The Record/Disc Setting OSD will vary when a disc is not inserted, a DVD+R, or a DVD+RW disc.

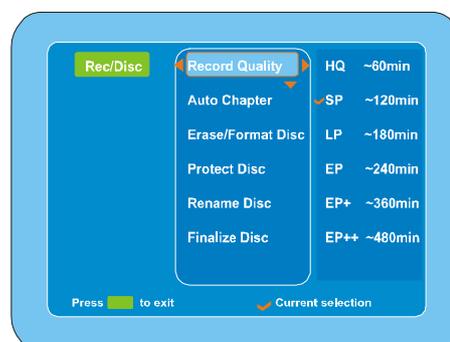
(Rec/Disc ----> Record Quality, Auto Chapter, Erase/Format Disc, Protect Disc, Rename Disc & Finalize Disc)

1. Press **Record/Disc** , “ Rec/Disc ” screen appears on the TV screen.
2. Press **Enter** or **▶** , “ Record Quality ” is highlighted.
3. Press **▲/▼** repeatedly to select the item.



Record Quality Setting

1. Select “ Record Quality ” .
2. Press **Enter** or **▶** to select the sub menu, then press **▲/▼** to select the desired quality.



Recording Quality	Record time (minutes)
HQ (High Quality):	60
SP (Standard mode) :	120
LP (Long Play):	180
EP (Extended Play):	240
EP+ (Extended Play Plus):	360
EP+ +(Extended Play Plus):	480

Note :

- The record times are an estimate and actual times may differ.



1-3 Record/Disc Setup (continued)

- The record time may differ depending on the recording conditions.
 - Recording a program with poor reception, or a program or video source of low picture quality
 - Recording on a disc that has already been edited
 - Recording only a still picture or just sound

3. Press **Enter**, “ ” appears, the Recording Quality is set.
4. Press **◀** to return to “ Record Quality ” .

Auto Chapter Setting

When recording starts, the title is split into chapters automatically. You can choose the time of each chapter by this step.

1. Select “ Auto Chapter ” .
2. Press **Enter** to select the sub menu, then press **▲/▼** to select the item you want.

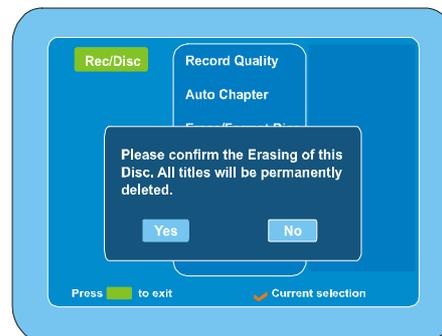


3. Press **Enter**, “ ” appears.
4. Press **◀** to return to “ Auto Chapter ” .

Erase / Format Disc Setting (DVD+RW)

You can erase all titles on the disc , but the disc name and format will remain the same.

1. Select “ Erase/Format Disc ” then press **Enter** , a message appears.

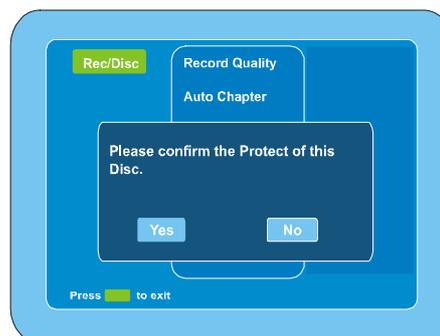


2. Press **◀** to to select “ Yes ” .
Note : If it is not necessary, select “ No” and then press **Enter**.
3. Press **Enter** to start to erase, then please wait until erasing is finished.

Protect Disc Setting (DVD+RW)

You can protect a disc from accidental erasure or editing.

1. Select “ Protect Disc ” then press **Enter** , a message appears.



2. Press **◀** to to select “ Yes ” .
Note : If it is not necessary, select “ No” and then press **Enter**.
3. Press **Enter** , A message appears.

Updating disc information. Please wait...

- “ Menu ” screen returns.
- “ Protect Disc ” is change to “ Unprotect Disc ” .
- 4. To exit, press **Record/Disc**.



Rename Disc Setting (DVD+RW & DVD+R)

You can enter up to 10 characters for a disc name.

1. Select “Rename Disc”, then press **Enter**, “New Disc Name” screen appears.



2. Press ◀/▶/▲/▼ to select the letter or number, then press **Enter**, the character appears in the box.
3. Repeat steps 2 to make the new title name (up to 10 characters).

Note: If it is not necessary, select “Cancel” and press **Enter**.
If you make a mistake, select “Delete” or “Clear”, and press **Enter**.

- Delete : Every time **Enter** is pressed, the last character of the title name is deleted.
 - Clear : **Enter** is pressed, the title name is cleared at once.
4. Press ▼ to select “Done”, then press **Enter**, wait until “Rename disc. Please wait...” disappears on the TV screen. “Menu” screen returns.

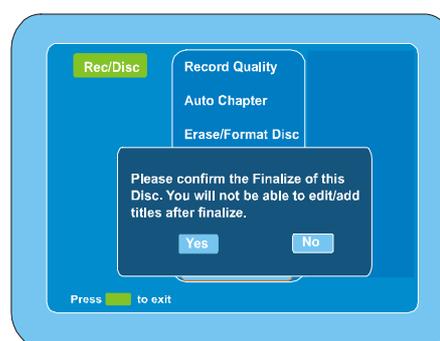
Finalize Disc Setting (DVD+R)

After you finalize the disc, you can play the disc on other DVD players. It can be used as DVD-Video disc. But it is not guaranteed.

CAUTION :

After you finalize a DVD+R disc, you cannot edit or record on the disc. Finish all the editing before you start to finalize the disc.

1. Select “Finalize Disc” then press **Enter**, a message appears.



2. Press ◀ to select “Yes” .
Note : If it is not necessary, select “No” and then press **Enter**.
3. Press **Enter** to start to finalize, then please wait until finalizing is finished. “Menu” screen returns.

Notes :

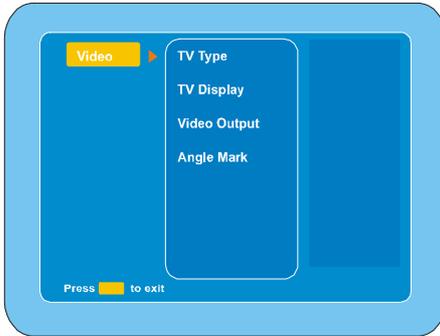
- This unit may not be able to finalize the disc if it was recorded on other DVD recorders or PCs.
- You do not need to finalize the disc again once the disc has been finalized with this unit.
- Depending on the condition of the disc, recording, or the unit, discs may not be played even if the discs are finalized.



1-4 Video Setup

(Video ---> TV Type, TV Display, Video Output & Angle Mark)

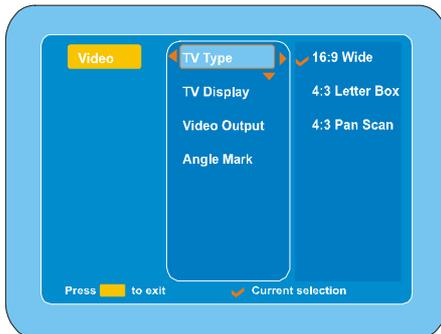
1. Press **Video** , “ Video ” screen appears on the TV screen.
2. Press **Enter** or **▶** , “ TV Type ” is highlighted.
3. Press **▲/▼** repeatedly to select the item.



TV Type Setting

The kind of TV set (4:3 or 16:9) connected to this DVD Recorder can be selected.

1. Select “ TV Type ” .



2. Press **Enter** or **▶** to select the sub menu, then press **▲/▼** to select the appropriate setting for your TV screen size.

4:3 (Pan Scan)

Select when a conventional TV set is connected.

When the wide screen disc is played back, it displays pictures cropped to fill to your TV screen. The left and right edges are cut off.

4:3 (Letter Box)

Select when a conventional TV set is connected.

When the wide screen disc is played back, the black bands appear at the top and bottom of screen.

16:9 (Wide TV)

Select when a wide screen TV set is connected.

Played in FULL size. (Setting the wide screen TV to FULL mode is also necessary.)

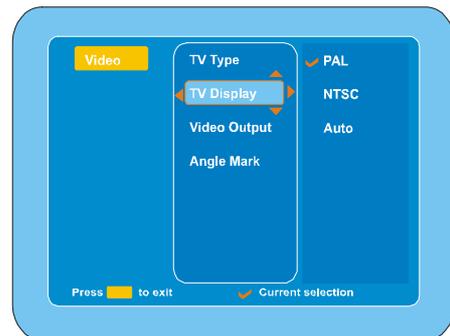
Notes:

- The screen size may differ depending on the DVD video discs.
- If you select Wide TV to get rid of the black bands on screen when wide screen disc is played back, picture may be slightly distorted.
- In some discs, even if Normal/PS is selected, the black bands may remain on the screen.

3. Press **Enter**, “ ” appears, the TV type is set.
4. Press **◀** to return to “ TV Type ” .

TV Display Setting

1. Select “ TV Display ”
2. Press **Enter** or **▶** to select the sub menu, then press **▲/▼** to select the appropriate setting for your TV screen size.



AUTO

Select this if the connected TV set is compatible with both NTSC and PAL . The output format will be consistent with the video signal of the disc.

NTSC

Select this if the connected TV set is NTSC system.

It will change the video signal of a PAL video disc and output to NTSC system.

PAL

Select this if the connected TV set is PAL system.

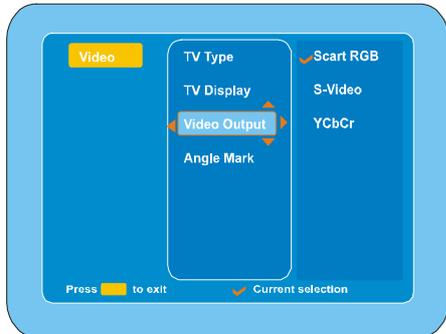
It will change the video signal of an NTSC disc and output to PAL format.

3. Press **Enter**, “ ” appears, the TV display is set.
4. Press **◀** to return to “ TV Display ” .



Video Output Setting

1. Select “ Video Output ” .
2. Press **Enter** or **▶** to select the sub menu, then press **▲/▼** to select “ Scart RGB ” , “ S-Video ” or “ YCbCr ” .



Scart RGB

Select “ Scart RGB ” when you have connected the Scart Out of this recorder to TV via Scart cable. This will provide a better viewing result.

S-Video

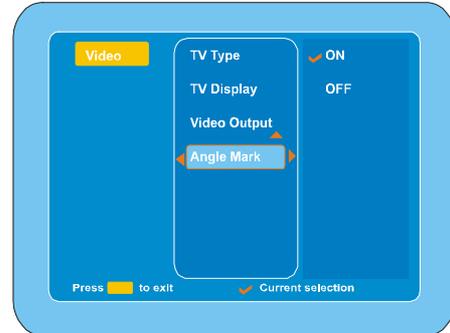
Select S-Video when you have connected S-Video Out jacks of this recorder to S-Video In jacks of your TV .

Select S-Video Only if your TV does not provide Progressive nor component jacks.

3. Press **Enter**, “ ” appears.
4. Press **◀** to return to “ Video Output ” .
5. To exit, press **Video**.

Angle Mark Setting

1. Select “ Angle Mark ” .
2. Press **Enter** or **▶** to select the sub menu, then press **▲/▼** to select “ ON ” or “ OFF ” .



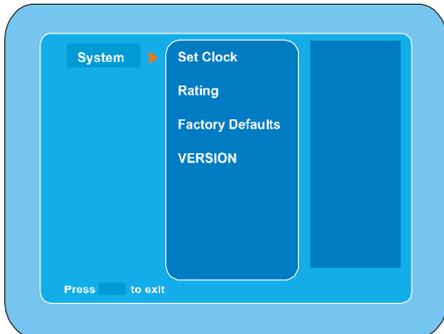
3. Press **Enter**, “ ” appears.
4. Press **◀** to return to “ Angle Mark ” .



1-5 System Setup

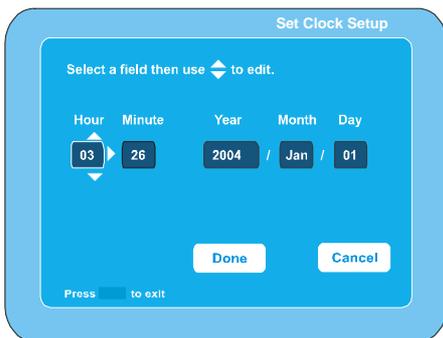
(System ----> Set Clock, Rating, Factory Defaults & Version)

1. Press **System** , “ System ” screen appears on the TV screen.
2. Press **Enter** or **▶** , “ Set Clock ” is highlighted.
3. Press **▲/▼** repeatedly to select the item.



Clock Setting

1. Select “ Set Clock ” .
2. Press **Enter** or **▶** to select “ Manual ” and press **Enter** again, “ Set Clock Setup ” screen appears.



3. Press **◀/▶/▲/▼** repeatedly (or number buttons) to set the date and time.
4. Press **▶** to select “ Done ” or “ Cancel ” , and then press **Enter** , “ Manual ” returns.

Rating Setting

A built-in viewer rating setting enables you to lock the videos that you do not want children to view. For example, if you set it to PG-13 then the recorder will not play the videos rated PG-R, NC-17 or Adult unless the correct pass word is entered.

Notes :

- “ Password ” is set to “ 3308 ” before shipping from the factory.
- You may need extra instructions during the setting. If a message appears, please follow the instructions displayed on the TV screen.

1. Select “ Rating ” .
2. Press **Enter** or **▶** to enter sub menu.
3. Use number buttons to enter the password and press **Enter**.

Parental Control

MPAA (Motion Picture Association of America) Guideline is a rating system that provides advanced cautionary information to parent about the content of movie programs.

The parental lock level is equivalent to the following MPAA Rating System.

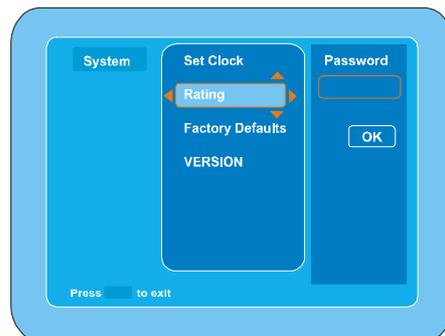
- 1 G (General audiences)
- 3 PG (Parental guidance suggested)
- 4 PG-13 (Parents strongly cautioned)
- 6 PG-R (Restricted)
- 7 NC-17 (No one 17 and under admitted)
- 8 Adult
- No Parental

Some DVD-Video discs contain a restriction level which enables parents to prevent playback of discs by children. This unit is equipped with a password designed to prevent children changing the level.

You cannot play DVD-Video discs rated higher than the level you selected unless you cancel the parental lock function. For example, when you select “ 5 ” level, the unit will not play discs with ratings of “ 6 ” , “ 7 ” , “ 8 ” .

Note:

DVD video discs may or may not respond to the parental lock settings. Make sure this function works with your DVD video discs.



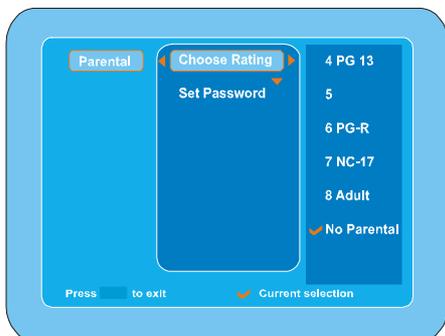
Note : If you use this unit for first time, enter [3], [3], [0] and [8]. Because the initial password is set to “ 3308 ” before shipping from the factory.

4. Press **▼** repeatedly to select “ OK ” .
5. Press **Enter** , the Parental screen appears. then press **◀/▶/▲/▼** to select “ Choose Rating ” or “ Set Password ” .



Choose Rating

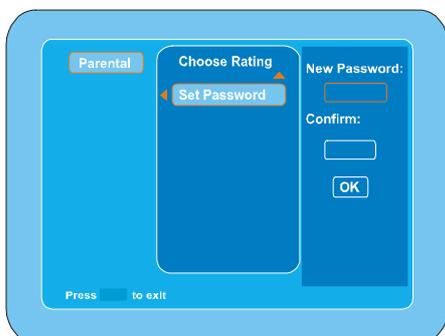
1. Select “ Choose Rating ” .
2. Press **Enter** or **▶** to select the sub menu, then press **▲/▼** to select the parental lock level.



3. Press **Enter**, “ ” appears.
Note : After inserting a parental disc and loading, you should be requested to enter the password again to double confirm your playback.

Set Password

1. Select “ Set Password ” .
2. Press **Enter** or **▶** , “ New Password ” screen appears in right column.

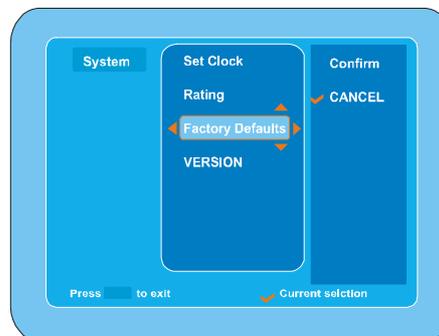


3. Use number buttons to set new password your desired (maximum 4 numbers) and press **Enter** , the Confirm column is highlighted. then enter the same password as above.
4. Press **Enter** to select “ OK ” , then press **Enter** to confirm and “ Set Password ” returns, the new password is set.
5. Press **◀** to return to “ Rating ” .

Factory Defaults Setting

You may re-set the previous settings in System to the default setting.

1. Select “ Factory Defaults ” .

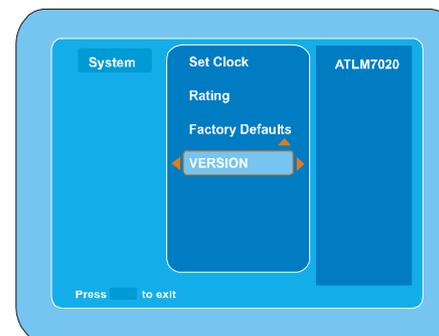


2. Press **Enter** or **▶** to enter sub menu.
Note : If you want to select factory defaults, select “ Confirm ” ,
 If you want to keep current setting, select “ CANCEL ” .
3. Press **◀** to return to “ Factory Defaults ” .

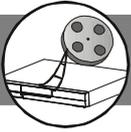
Note : After selecting “ Confirm ” , this DVD Recorder will reset every setup item in the setup menu. When factory default is done, the machine will automatically reboot and EASY SETUP will appear on TV screen.

Version Setting

1. Select “ Version ” .



2. Press **Enter** or **▶** to enter.
3. Press **◀** to return to “ Version ” .



2-2 Recording

2-1 Before Recording

Preparations

- Turn on the TV and select the video input source. Refer to your TV' s owner manual.
- Check that the disc has enough available space for recording.
- Do not touch the disc tray while it is moving.
- Never place anything except a disc on the disc tray. Foreign objects can damage the unit.
- Do not apply excessive force to the disc tray.
- Only one disc must be placed on the disc tray at a time.
- Only blank oneself recorder DVD can be used.

When operation buttons are pressed, that operation is displayed on the TV screen. The display turns off after several seconds.

1. Press **Standby** to turn the unit on.
 - “ Goodmans ” logo appears on the TV screen.
 - “ POWER ON ” ---> “ LOADING ” ---> “ NO DISC ” appears on the FL display.

2. Press **Open/Close** to open the disc tray.
 - “ OPEN ” appears on the TV screen.

Note : To open or close the disc tray, be sure to press **Open/Close**. Do not press the disc tray with your hand.

3. Place a DVD+RW or DVD+R disc (label facing up) to be recorded on the disc tray.

4. Press **Open/Close** again to close the disc tray.
Please wait until “ CLOSE ” ---> “ DISC LOADING ” --->“ STOP” disappears on the TV screen.

- If a blank disc is used for first time, “ Goodmans ” logo screen remains.
- If the disc is recorded once before, a title menu screen may appear.
- “ DVD RW ” (or “ DVD ”) and “ SP ” (or “ HQ ” ,“ LP ” , “ EP ” ,“ EP+ ” or “ EP++ ”) appear on the FL display.
- Blank DVD+RW may take a while longer before “ STOP ” disappears on the TV screen.

5. Press **Rec Quality** to select the Record Quality (“ HQ ” , “ SP” , “ LP” , “ EP ” ,“ EP+ ” or “ EP++ ”).

Recording TV Programs

Before pressing **TV** , select the **Record Quality** (“ HQ ” , “ SP ” , “ LP” , “ EP” , “ EP+” or “ EP++”)first by setting “ Rec/Disc Setup ” or by pressing **Rec Quality** on the remote control and set **Auto Scan**.

1. Press **TV<->DVDR** to receive the TV program, “ MONITOR ” appears briefly on the TV screen (indicating the DVD recorder is searching the input signal which you want to record.)
2. To select the channel, do one of the following :
 - Press **PR** + or - .
 - Press the number button(s) and then press **Enter**.

Examples:

To select Channel 6: Press [0] and [6].

To select Channel 12: Press [1] and [2].

The channel number appears on the FL display

3. Press **RECORD** on the unit to start recording.

- “ RECORDING ” appears briefly on the TV screen.
- Elapsed recording time appears on the TV screen.
- The REC indicator lights.

Recording continues until you stop the recording or the disc is full.

Note :

Press DISPLAY repeatedly until the elapsed recording time disappears on the TV screen, if necessary.

4. To stop recording
 - Press **■** during recording.
 - Please wait until “ PLEASE WAIT...” disappears on the TV screen.

Note :

It takes a while to complete closing the disc. You may not watch TV program while closing.

A title menu screen appears on the TV screen.

- The TV program is recorded on the disc.
- The additional recording information is also stored on the disc.

Then the recording is completed.

Notes :

- You cannot change the channel or record quality during recording.
- The record time is estimate and actual time may differ.
- Recording makes on open space on the disc. Data will not be overwritten.
- You cannot record a program with copy-protection.

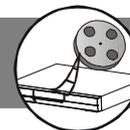
To watch another TV while recording

Press **TV<->DVDR** or **Source** repeatedly to select TV source on the screen.

- “ TV ” appears on the FL display.
- Use your original TV remote control to select the channel on your TV.

Note :

If you do not want to watch TV while recording, you can turn off the TV. If using a cable box, make sure to leave it on.



Timer Recording

The program timer switches the unit on and off to record a TV program at a preset time.

Use programmed recording to automatically start and stop recording at a later date. The DVD recorder will switch to the right program number and begin recording at the correct time.

1. Set the record program(s) first.

1. Insert a DVD+RW or DVD+R disc (label facing up) to be recorded on the disc tray.
2. Press **Timer/V+**, “ VCR Plus Record ” screen appears on the TV screen,press **▶** to select “ Program List ”, then press **Enter**, “ My Record List ” screen appears.



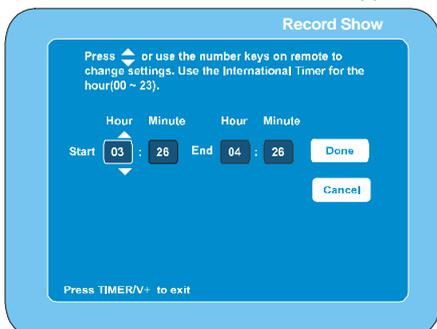
3. Press **Enter** ,“ Record Show ” screen appears on the TV screen.



4. Press **▲/▼** to select the item (Record Time, Frequency, Input Source, Channel, Quality & Title)

Setting Record Time

1. Select “ Record Time ” .
2. Press **Enter** , the start and end time screen appears.

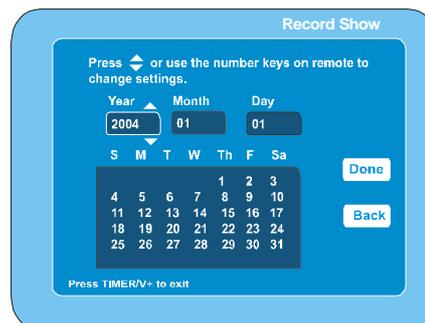


3. Press **▲/▼** (or the number buttons on the remote control) to set the start and end times and press **◀/▶** to move the cursor.

4. Press **▶** to select “ DONE ” , then press **Enter**, the record time is set. The “ Record Show ” screen returns.

Setting Frequency

1. Select “ Frequency ” .
2. Press **Enter**, the Record Show screen appears.
3. Press **▲/▼** to select the “ Once ” or “ Repeat ” .
4. If select “ Once ” , Press **Enter** or **▶** to select “ Continue ” then press **Enter** , the calendar screen appears.



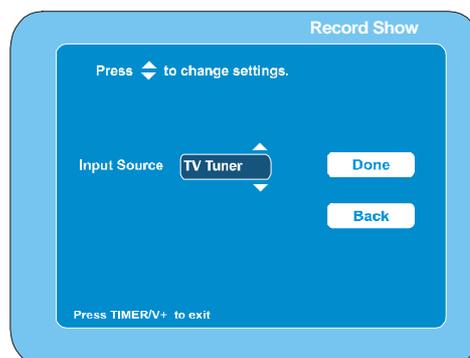
5. Press **▲/▼** (or the number buttons on the remote control) to set the record date and press **◀/▶** to move the cursor.
6. If select “ Repeat ” , Press **Enter** , then the week screen appears.

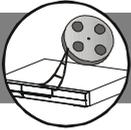


7. Press **▶** to select “ DONE ” , then press **Enter**, the record date is set. The “ Record Show ” screen returns.

Setting Input Source

1. Select “ Input Source ” .
2. Press **Enter** , the Input Source screen appears.





2-2 Recording (continued)

Timer Recording (continued)

- Press **▲/▼** to select “ Channel ”, “ Scart VID ” “ Scart RGB ”, “ AV1 ”, “ AV2 ”, “ S-Video1 ”, “ S-Video2 ”.
- Press **Enter** or **▶** to select “ DONE ”, then press **Enter**, the recording input source is selected. The “ Record Show” screen returns.

Setting Channel

- Select “ Channel ”.
- Press **Enter**, the Channel screen appears.



- Press **▲/▼** to select your desired channel.
- Press **Enter** or **▶** to select “ DONE ”, then press **Enter**, the recording channel is selected. The “ Record Show” screen returns.

Setting Quality

- Select “ Quality ”.
- Press **Enter**, the Quality screen appears.



- Press **▲/▼** to select “ HQ(1hr) ”, “ SP(2hr) ”, “ LP(3hr) ”, “ EP(4hr) ”, “ EP+(6hr) ” or “ EP++(8hr) ”.
- Press **Enter** or **▶** to select “ DONE ”, then press **Enter**, recording quality is set. The “ Record Show” screen returns.

Setting Title

- Select “ Title ”.
- Press **Enter**, title screen appears.



- Press **Enter** again, new title screen appears



- Press **◀/▶/▲/▼** to select the letter or number, then press **Enter**.
- Repeat step 4 to make a title name (up to 10 characters).

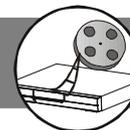
Note : If you make a mistake, select “ Delete ” or “ Clear ”, and press **Enter**.

- Delete :** Every time **Enter** is pressed, the last character of the title name is deleted.
 - Clear :** **Enter** is pressed, the title name is cleared at once.
- Press **▼** to select “ DONE ”, then press **Enter**, title screen returns. The new title name appears.
 - Press **▶** to select “ DONE ”, then press **Enter**, The “ Record Show” screen returns.

After all the item setting are completed , press ▼ to select “ Done ” and then press Enter key. (If you want to cancel it, select “ Cancel ” and then press Enter key.)

2. Edit My Recording List

- Press **Timer/V+**, “ VCR Plus Record ” screen appears on the TV screen, press **▶** to select “ Program List ”, then press **Enter**, “ My Record List ” screen appears



Timer Recording (continued)



If the list is correct:

- Press **Timer** to exit.

If you want to edit it:

- Press \uparrow/\downarrow to select the item you want to edit.
- Press \leftarrow/\rightarrow to select " Edit " .
- Press **Enter**, " Edit My Record List " screen appears.

If you want to delete it.

- Press \uparrow/\downarrow to select the item you want to delete.
- Press \leftarrow/\rightarrow to select " Del " .
- Press **Enter**, a message appears on the screen.



- Select " Confirm " to delete the item. If you do not want, select " Cancel " .

3. Press STANDBY to turn the power off.

Recording standby mode is set.

- The present time appears on the FL display.
- When the timer ON time arrives, the power turns on automatically and recording starts.
- When the timer OFF time arrives, the power turns off automatically and it is set to the standby mode.

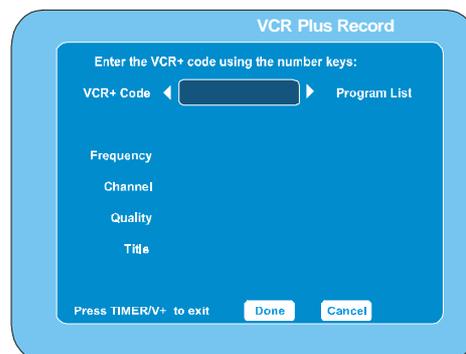
Notes :

- If there is not enough space on the disc, as much of the program as possible will be recorded on the disc.
- Be sure to check and/or change the disc after every timer recording has been completed.

Video Plus

All the information needed by the DVD recorder for programing is contained in the video plus numbers. This 9-digit video plus number is found in most TV listing magazines. Pls follow the steps below:

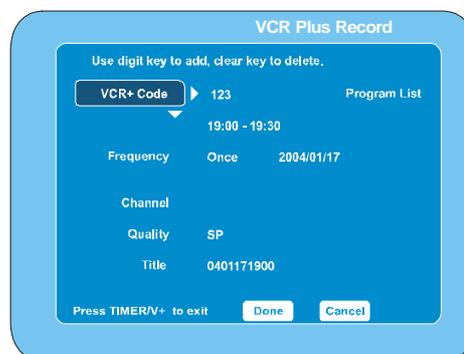
1. Press **Timer/V+** , " VCR Plus Record " screen appears.



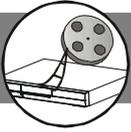
2. Use the number buttons on remote control to enter the video plus number and then press \leftarrow , the decoded information appears. You can press $\leftarrow/\rightarrow/\uparrow/\downarrow$ to change the information. (" Frequency" , " Channel " , " Quality " , " Title ")

Notes:

- This number is up to 9 digits long and can be found next to the start time of the TV programme in your TV listing magazines.



3. Press \downarrow to select " Done " to confirm.
4. To exit , press **Timer/V+**.
5. Load a DVD (unprotected) ready for recording. The current disc is checked.
6. Press **STANDBY/ON** to switch off. The programmed recording will only function properly when the DVD recorder has been switched using the STANDBY/ON button.



2-2 Recording (continued)

Recording from an External Source

Preparations:

- Please connect this DVD Recorder to your TV, and connect outer equipment to this DVD Recorder. (For details please refer to the Basic Connection.)
- Remember to use an open and recordable DVD+RW or DVD+R disc.

1. Load a recordable DVD+RW or DVD+R onto the disc tray.
2. Press **Source** repeatedly to select “ VIDEO1 IN ”, or “ VIDEO2 IN ” for the equipment you have connected.
 - “ VIDEO1 ” or “ VIDEO2 ” appears on the FL display.
3. Start playback on the other equipment.
4. Press **Rec** at the point you want to start recording.
 - Recording starts.
5. To pause recording
Press **▶/||** during recording and press it again to restart recording.
6. To stop recording
 - Press **■** during recording.
 - Please wait until “ PLEASE WAIT... ” disappears on the TV screen.

Note :

It takes a while to complete closing the disc. You may not watch TV program while closing.

CAUTION:

Almost all videos and DVD softwares on sale have a copyprotection. You cannot record them using this unit.

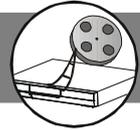
One Touch Recording (OTR)

Use this function to make a one touch recording which means that the recording quality is not needed to set for record. During the recording you can repeatedly press the **Rec** button on your remote control or on the front panel to have a duration of recording from 5 minutes to 480 minutes. The longest duration time is 480 minutes. Each time pressing **Rec** button, the relative information will show on TV screen, such as “ RECORDING TO 005 MINUTES ”, you can refer to them. When you press **Rec** button and “ OTR OFF ” appears on TV screen, your recording returns to normal recording mode.

Note :

- The record times are an estimate and actual times may differ.
- The record time may differ depending on the recording conditions.
- This function depend on the disc memory and the record quality.

2-3 Editing



Edit function can ONLY work on DVD+RW or DVD+R discs. Once you insert a DVD+RW or DVD+R disc, a title menu appears on the screen. All the video clips you have recorded will be shown on this menu as different titles.

- Name of the recording. If the TV station does not transmit a name, only the channel number and time will be stored as the name.
- Length of the recording.
- Recording quality.
- Date of the recording.

1. Insert a recorded DVD+RW or DVD+R on the disc tray. Press **Play/Pause** after the disc is loading. The Index Picture screen appears on the TV screen.



2. Press ◀ / ▶ to highlight the title which you want to edit.
3. Press **Edit**, the edit screen appears.



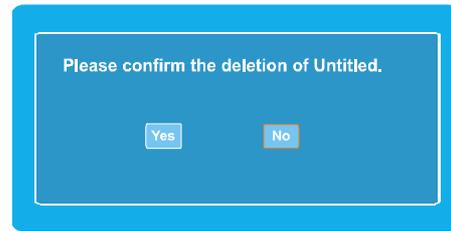
4. Press ▲ / ▼ to select the item.

Play Title (DVD+RW & DVD+R)

Select “ PLAY TITLE ” , then press **Enter** , the selected title starts playback.

Title Delete (DVD+RW)

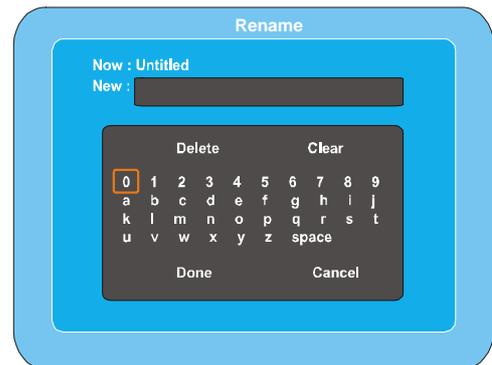
1. Select “ TITLE DELETE ” , then press **Enter** , a message appears.



2. Press ◀ to select “ Yes ” .
Note : If it is not necessary, select “ No ” and then press **Enter**.
 3. Press **Enter** , then please wait until “ PLEASE WAIT...” disappears on the TV screen.
- The title menu (with “ DELETED ”) screen returns.

Title Rename (DVD+RW & DVD+R)

1. Select “ TITLE RENAME ” , then press **Enter** , “ Rename ” screen appears.



2. Press ◀ / ▶ / ▲ / ▼ to select the letter or number , then press **Enter** , the character appears in the box.
3. Repeat step 2 to make the new title name (up to 10 characters).

Note :If it is not necessary, select “ Cancel ” and press **Enter**. If you make a mistake, select “ Delete ” or “ Clear ” , and press **Enter**.

- **Delete** : Every time **Enter** is pressed, the last character of the title name is deleted.
 - **Clear** : **Enter** is pressed, the title name is cleared at once.
4. Press ▼ to select “ Done ” , then press **Enter** , wait until “ PLEASE WAIT...” disappears on the TV screen.
 - The title menu (with “ RENAME ”) screen returns.
 5. To exit , press **Edit**.



3 Playback Features

Preparations

1. When you complete all the connections, plug the AC power cord of the player.
2. Press **Standby** to switch on the main power.
3. Press **Source** to select the input source.
4. Press **Open/Close** to open the disc tray, insert a disc into the tray, then press it again to close the disc tray.
5. Press **Mute** to shut off the sound. To restore the volume, press it again.
6. Press **Help** to view the help informations.

Start or Pause Playback

- Press **▶/||** to start playback.
 - To pause playback, press **▶/||** again.
- Note :** Some discs will start playing automatically, and others will display the menu on the TV screen. use the **◀ / ▶ / ▲ / ▼** to select the track, or press the number keys (**0 ~ 9**) to go to the desired track/chapter.

Stopping Playback

For DVD discs

- Press **■** once during playback.
1. "PRESS PLAY TO CONTINUE" appears briefly on the TV screen.
 2. When you press **Play/Pause**, playback starts automatically from the point where you stopped. "PLAY" appears briefly on the TV screen.
- Note :** Some discs may not resume playback.
- Press **■** twice during playback.
1. "MONITOR" appears briefly on the TV screen and enter into monitor mode.
 2. When you press **Play/Pause**, "PRESS PLAY TO CONTINUE" appears briefly on the TV screen, press **Play/Pause** again, playback starts from the point where you stopped.

For DVD+RW / DVD+R discs

- Press **■** once during playback.
1. "PRESS PLAY TO CONTINUE" appears briefly on the TV screen.
 2. When you press **Play/Pause**, playback starts automatically from the point where you stopped. "PLAY" appears briefly on the TV screen.
- Press **■** twice during playback, "STOP" appears briefly on the TV screen and then TITLE menu return.
 - Press **■** third time during playback, the recorder enter into monitor mode.

For VCD / CD discs

- Press **■** once during playback. The unit stops completely.

Fast Playback

1. Press **◀◀** or **▶▶** to do fast reverse or fast forward search. Each time the button is pressed, the playback speed changes as follows:
 - **For DVD discs**

- ▶▶ fast forward : FF2X, FF 4X, FF 6X, FF 8X(4 steps).
- ◀◀ fast reverse : FR 2X, FR 4X, FR 6X, FR 8X(4 steps).

- **For VCD / CD discs**

- ▶▶ fast forward : FF 2X, FF 4X, FF 8X, FF 16X(4 steps).
- ◀◀ fast reverse : FR 2X, FR 4X, FR 8X, FR 16X(4 steps).

2. Press **▶/||** to return to normal playback.

Skip Playback

During playback press **◀◀ / ▶▶** repeatedly to skip to previous or next track/chapter.

Slow Motion Playback

1. During playback press **Slow I▶** repeatedly to select the forward (or reverse) slow speed playback.
The playback speed changes as follows :
 - **For DVD discs**
SF2X SF4X SF8X SR2X SR4X SR8X PLAY
SF2X ...
 - **For VCD discs**
SF1X SF2X SF3X STEP BWD SF1X SF2X ...
2. Press **Play/Pause ▶/||** to return to normal playback.

Step Playback (Frame by Frame Advance Playback)

- **Only for DVD / VCD**
1. During playback, press **Step** repeatedly to view playback frame by frame. Each time the button is pressed, the picture advances one frame.
 2. Press **▶/||** to return to normal playback.

Repeat Playback

Press **1/ALL** during playback (or programmed playback) of the title (or track) you want to repeat. Each time the button is pressed, the repeat mode will be changed as follows :

- **For DVD discs**

CHAPTER REPEAT ON:

Repeat of the chapter being played

TITLE REPEAT ON:

Repeat of the title being played

REPEAT OFF

Normal playback mode

- **For VCD / CD discs**

REP-ONE:

Repeat of the track being played

REP-ALL:

Repeat all tracks

REPEAT OFF:

Normal playback mode

Note : The function for VCD discs only available for PBC OFF mode.



3 Playback Features (continued)



A-B Repeat Playback

This function can play a specific section in a chapter/track repeatedly.

1. Press **A - B** at the starting portion you want.
2. Press **A - B** again at the end portion you want. The specific section will now repeat continuously.
3. Press **A - B** the third time to return to normal playback.

Notes :

- The A and B can be set only within the same chapter/track.
- After performing repeat play, be sure to press the **Stop** button . Otherwise, the disc will play continuously.

Using DVD Title menu

Some DVD discs may contain two or more titles. If the disc has a title menu recorded on it, you can start playback from the selected movie title.

1. Press **Title** , The title menu screen will appear (if the disc contains it).
2. Press **◀ / ▶ / ▲ / ▼** (or the number buttons) to select the desired title.
3. Press **Enter** to playback the selected title.

Using Disc Menu

● **For VCD / CD discs**

Press **Disc Menu** to turn the MENU ON or OFF.

1. The system will set the PBC function to ON automatically and showing PBC menu.
2. Press **Disc Menu** to switch PBC OFF(If the disc is playing, the playback will stop), using numeric key (0~9) to select the track you want to playback.

● **For DVD disc**

Press **Disc Menu** to make the playback go back to the title menu of disc. " ROOT MENU " will appear on OSD for 2 seconds.

Note : When the PBC is set to ON , you can not use the numeric buttons to select track directly.

Return (Go back to the menu screen)

Press **Return** when playing a VCD disc with PBC ." BACK TO MAIN PAGE " is shown on the TV screen, and then the menu appears.

Go to (Title, Chapter, Track or Time search)

This function allows you to start playing at any title,chapter,track or time on the disc.

Note : This function is only available in the same track.

- **For DVD discs** (DVD+RW & DVD+R do not support Time search function)

1. Press **Go to**.
2. Press **◀ / ▶** to select TITLE or CHAPTER search or press **Go to** again to enter time search.
eg : TITLE 01 / 28 CHAPTER 015 / 035
TITLE 01 / 02 TIME __ : __ : __

3. Use numeric key (0~9) to input the specific title, chapter or elapsed playing time at which you want to begin playback.
4. Press **Enter**.

● **For VCD / CD discs (only in PBC OFF mode)**

1. Press **Go to**.
2. Use numeric key (0~9) to input the specific elapsed playing time at which you want to begin playback.
eg : GO TO __ : __

Display the playback information

You can check information about the disc, such as the total number of the titles or chapters or tracks or time, using the Display function. The information you want appears on the TV screen or/and on the front panel display.

When playing back a DVD disc

1. Press **Display** repeatedly to show the relative information on TV screen. (The display will disappear after a few seconds.)

```
TITLE 02 / 05 CHAPTER 001 / 006
00 : 34 : 56

TITLE REMAIN
00 : 34 : 56

CHAPTER ELAPSED
00 : 01 : 23

CHAPTER REMAIN
00 : 03 : 21
```

2. Press **Display** again, the information display is off.

Note : Depending on the DVD, the title number or chapter number or time may not appear or you may not be able to change the display. The DISPLAY function for VCD discs only available for PBC OFF mode.

When playing back a VCD or CD

1. Press **Display** repeatedly to show the relative information on TV screen. (The display will disappear after a few seconds.)

SINGLE ELAPSED---->SINGLE REMAIN ----> OFF
(only in PBC ON mode)

SINGLE ELAPSED ----> SINGLE REMAIN ----> TOTAL ELAPSED
----> TOTAL REMAIN ----> OFF
(only in PBC OFF mode)

2. Press **Display** again, the information display is off.

Subtitle (Selecting Subtitle Language)



3 Playback Features (continued)

This operation works only with discs on which multiple subtitle languages are recorded.

1. Press **Subtitle** repeatedly during playback to select the different subtitle language.
2. If the subtitle language is not necessary, press **Subtitle** to select " SUBTITLE OFF " .

Notes :

- In some cases, the subtitle language is not changed to the selected one.
- When a disc supporting closed caption is played, the subtitle and the closed caption may overlap each other on the TV screen . In this case, turn the subtitle off.
- When the desired language is not selected even if the button is pressed, the language is not available on the disc.
- When the power is turned on or the disc is replaced , select the subtitle language again.

Audio (Selecting Audio Soundtrack Language)

This operation works only with discs on which multiple audio soundtrack languages are recorded.

Press **Audio** repeatedly during playback to select the desired audio language appears on the TV screen.

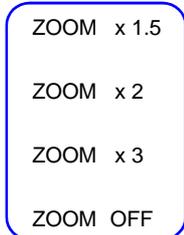
Notes :

- When the desired language is not selected even if the button is pressed, the language is not available on the disc.
- When the power is turned on or the disc is replaced, select the language again.
- If the language is not recorded on the disc, only the available language on the disc will be heard.

Zooming

This function allows you to enlarge the picture on the TV screen and to pan through the enlarged image.

1. Press **Zoom** repeatedly to select a zoom factor as below:



2. To pan through the enlarged image, press **◀ / ▶ / ▲ / ▼** buttons to move the zoomed picture left, right, up or down.

Angle (Viewing from a Desired Camera Angle)

- Some DVD-Video discs may contain scenes which have been shot simultaneously from a number of different camera angles.
- The jacket or case of discs that are recorded with angles will

be marked.

- For these discs, the same scenes can viewed from each of the different angles.

Press the **Angle** button to change the scenes from one angle to other angle(s).

For example: 1/4, 2/4, 3/4, 4/4.

Programmed Playback

You can play the contents of the disc in the order you want by programming the order of the tracks to be played. Up to 99 tracks can be stored. This function is only available in VCD(only in PBC OFF mode)/CD mode.

1. Press **■** to stop playback.
2. Press **Program** to enter program mode.
 - " PROGRAM P00:00 " appears on the TV screen.
 - " PROG " icon appears on the FL display.
3. Use the number buttons (**0 ~ 9**) to input the track number in the order you want. and then press **Enter** to confirm.
 - " PROGRAM PXX:YY " appears on the TV screen.
 - The Track No. " YY " is set to the No. " XX " program.

Note : If you make a mistake, press **Clear** to eliminate the number you have input.
4. Repeat step 3 as above to select other tracks.
5. Press **▶/||** to start programmed playback.
 - When all programmed selections have been played, the unit stops automatically.
 - The programmed contents are retained in memory. If press **▶/||** again, programmed playback starts again.
6. To stop programmed playback, press **■** .
7. To cancel programmed playback, press **■** and then press **Program**.

KODAK Picture CD Playback

With KODAK Picture CD, it's easy to turn film into pictures you can email from your PC and view on this unit.

1. Press **Open/Close** to open the disc tray.
 2. Load the disc with the label facing up on the disc tray.
 3. Press **Open/Close** again to close the disc tray.
- If you press **▶/||** during the slide show, the slide show stops temporarily. " Pause " appears. Press **▶/||** again to resume the slide show.
 - If the picture appears upside down, sideways, etc. Press **◀ / ▶ / ▲ / ▼** as follows:
 - ▶ : Rotate it 90 degrees clockwise.
 - ◀ : Rotate it 90 degrees counterclockwise.
 - ▲ : Change it to the vertically reversed image picture.
 - ▼ : Change it to the mirror reversed image picture.
 - If you press **◀◀ / ▶▶** during the slide show, it skips to the previous picture or next picture.
 - To stop the slide show, press **■**. The thumbnail pictures appear.

3 Playback Features (continued)



- After the last picture has been displayed, the thumbnail pictures appear on the TV screen.

To start the slide show from the thumbnail pictures

1. Press ◀/▶/▲/▼ to move the cursor to the desired picture.
 - To go to the previous or next thumbnail pictures, press I◀◀/▶▶I
2. Press **Enter** (or ▶/|| (Play)) to start the slide show from the selected picture.

JPEG CD Playback

You can also view digital images from JPEG files on disc created by your computer.

1. Load the disc with the label facing up on the disc tray.
2. Press ▲/▼ to select the folder or file, and press **Enter** or press number buttons to select the file.

The slide show starts

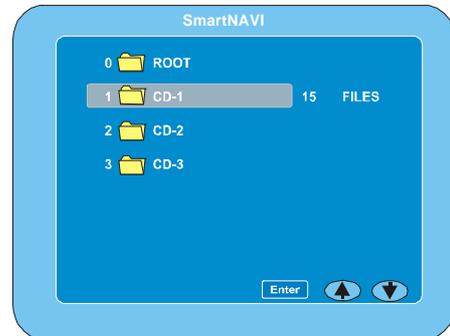
- If you press ▶/|| during the slide show, the slide show stops temporarily. “ Pause ” appears. Press ▶/|| again to resume the slide show.
- If the picture appears upside down, sideways, etc. Press ◀/▶/▲/▼ as follows:
 - ▶ : Rotate it 90 degrees clockwise.
 - ◀ : Rotate it 90 degrees counterclockwise.
 - ▲ : Change it to the vertically reversed image picture.
 - ▼ : Change it to the mirror reversed image picture.
- If you press I◀◀/▶▶I during the slide show, it skips to the previous picture or next picture.
- To stop the slide show, press ■. The thumbnail pictures appear.

KODAK Picture CD / JPEG Picture Zoom

1. Press ▶/|| at the desired picture.
2. Press **Zoom**. “ ZOOM ON ” appears briefly on the TV screen.
3. Press ◀◀/▶▶ to select the desired picture size.
4. To return to the original size, press **Zoom** again. “ ZOOM OFF ” appears briefly on the TV screen.

MP3 CD Playback

1. Load the disc with the label facing up on the disc tray.
 - File list screen appears.



2. Press ▲/▼ to select the folder or file, and press **Enter** or press number buttons to select the file.
 - If the folder is selected, the file menu of the selected folder appears.
 - If the file is selected, the selected file playback starts. (“ Play ” appears briefly on the TV screen).
3. Repeat step 2 to select the file in the folder, if necessary.

Stopping Playback

- Press ■ during playback.
- “ Stop ” appears briefly on the TV screen.

Pause

- Press ▶/|| during playback.
- “ Pause ” appears briefly on the TV screen and “ || ” appears on the FL display.
- Press ▶/|| again to return to normal playback.

File Skip

- Press I◀◀/▶▶I repeatedly during playback to skip to previous or next file.

Repeat Playback

- Press 1/ALL in the stop mode.
- Each time the button is pressed, the repeat mode will be changed as follows.
Rep-one --> Folder Repeat --> Disc Repeat -->Repeat off
--> Rep-one -->...

To Display the Elapsed Playing Time

- Press **Display** in the playback mode.
- Each time the button is pressed, various playing time appears.
 - “ Chapter Elapsed ” and elapsed playing time
 - “ Chapter Remain ” and remaining playing time
 - “ OFF ”



4-1 Troubleshooting Guide

If you experience any of the following difficulties while using the system, use this troubleshooting guide to help you remedy the problem. While any problem persists, consult your nearest service center.

No power.

- Is the power cord firmly plugged into the power outlet?
- One of the safety mechanisms may be operating. In this event, unplug the player from the power outlet briefly and then plug it in again.

No picture.

- Check that the system is connected securely.
- The video connecting cord is damaged. Replace it with a new one.
- Make sure you connect the system to the video input connector on the TV.
- Make sure you turn on the TV.
- Make sure you select the video input on the TV so that you can view the pictures from this system.

Noise(interference) appears in the picture.

- Clean the disc.
- If video from this system has to go through your VCR to get to your TV, the copy-protection applied to some DVD programs could affect picture quality. If you still experience problems after checking your connections, please try connecting your DVD system directly to your TV S-Video input, if your TV is equipped with this input.

The aspect ratio of the screen cannot be changed even though you set "TV Type" in the Video menu when you play a wide picture.

- The aspect ratio is fixed on your DVD disc.
- If you connect the system with the S-Video cable, connect directly to the TV. Otherwise, you may not change the aspect ratio.
- Depending on the TV, you may not be able to change the aspect ratio.

The remote does not function.

- Remove any obstacles between the remote control and the system.
- Move the remote control closer to the system.
- Point the remote control at the remote sensor on the front panel.
- Replace all the batteries in the remote control with new ones if they are weak.
- Check that the batteries are loaded correctly.



Handling Precautions

- Hold the disc by the edges so the surface will not be soiled with fingerprints. (A)
Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ball-point pen or other writing utensils.
- Do not use record cleaning sprays, benzene, thinner, static electricity prevention liquids or any other solvent.
- Be careful not to drop or bend the disc.
- Do not install more than 1 disc on the disc tray.
- Do not try to close the disc tray when the disc is not installed properly. (B)
- Be sure to store the disc in its exclusive case when not in use.

If the surface is soiled (C)

Wipe gently with a soft, damp (water only) cloth.

When wiping discs, always move the cloth from the center hole toward the outer edge. (If you wipe the discs using a circular motion, circular scratches are likely to occur, which will cause noise.)

If the disc is brought from a cold to a warm environment, moisture may form on the disc.

Wipe this moisture off with a soft, dry, lint-free cloth before using the disc.

Improper disc storage

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight
- Humid or dusty areas
- Areas directly exposed to a heat outlet or heating appliance

Playable disc format

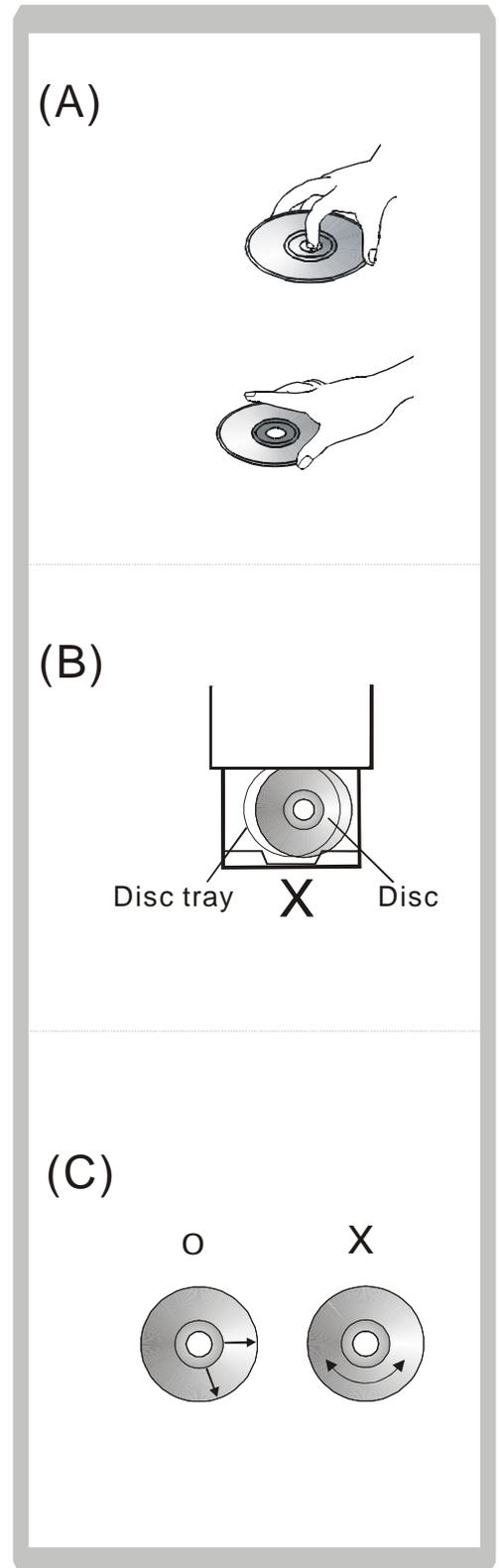
- DVD, DVD+RW, DVD+R, DVD-RW, DVD-R, VCD, SVCD, CD-DA, Mixed CD-DA, Audio CD, JPEG file disc and Kodak Picture Disc.

Recordable disc format

- DVD+RW (Application Programme)
- DVD+R

Maintenance

- Be sure to turn the unit off and disconnect the AC power cord before maintaining the unit.
- Wipe this unit with a dry soft cloth.
If the surfaces are extremely dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzene, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust.





4-3 Definition of Terms

Angle

Recorded onto some DVD discs are scenes which have been simultaneously shot from a number of different angles (the same scene is shot from the front, from the left side, from the right side, etc.). With such discs, the ANGLE button can be used to view the scene from different angles.

Chapter Number

These numbers are recorded on DVD discs. A title is subdivided into many sections, each of which is numbered, and specific parts of video presentations can be searched quickly using these numbers.

DVD

These refer to a high-density optical disc on which high-quality pictures and sound have been recorded by means of digital signals. Incorporating a new video compression technology (MPEG II) and high-density recording technology, DVD enables aesthetically pleasing full-motion video to be recorded over long periods of time (for instance, a whole movie can be recorded).

DVD has a structure consisting of two 0.6 mm thin discs which are adhered to each other. Since the thinner the disc, the higher the density at which the information can be recorded, a DVD disc has a greater capacity than a single 1.2 mm thick disc. Since the two thin discs are adhered to each other, there is the potential to achieve double-sided play sometime in the future for even longer duration play.

DVD+R

This means DVD+Recordable. These Discs can be recorded and finalized only once.

DVD+RW

This means DVD+ReWritable. These Discs can be recorded on repeatedly.

Subtitles

These are the printed lines appearing at the bottom of the screen which translate or transcribe the dialogue. They are recorded on DVD discs.

Time Digit

This indicates the play time which has elapsed from the start of a disc or a title. It can be used to find a specific scene quickly. (It may not work with some discs.)

Title Number

These numbers are recorded on DVD discs. When a disc contains two or more movies, these movies are numbered as title 1, title 2, etc.

Track Number

These numbers are assigned to the tracks which are recorded on audio CDs. They enable specific tracks to be located quickly.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.