



ADVR171S

Instruction Manual

DVD+RW/+R PLAYER/RECORDER

AKURA HELP-LINE

Call the number below if you have any difficulties operating this product.
01422 263273

Please Read This Manual.

We recommend that you read this manual carefully before connecting your DVD Video Recorder and operating it for the first time.

Keep the manual in a safe place for future reference.

Important Safety Instructions

- 1 **Read these instructions.**
- 2 **Keep these instructions.**
- 3 **Heed all warning.**
- 4 **Follow all instructions.**
- 5 **Do not use this apparatus near water.**
- 6 **Clean only with dry cloth.**
- 7 **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.**
- 8 **Do not install near any heat sources** such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 **Do not defeat the safety purpose** Do not remove the mains plug fitted. If it is damaged it must be replaced by a competent engineer. Do not remove the "Earth pin" as this is central to your safety. If the plug fitted does not fit the mains outlet, please consult your local dealer.
- 10 **Protect the power cord** from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 **Only use attachments/accessories** specified by the manufacturer.
- 12 **Unplug this apparatus** both from the mains supply and aerial connection in the event of a Thunder storm or if going on holiday.
- 13 **Refer all servicing** to qualified service personnel.
Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14 **Battery use CAUTION** - To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:
 - Install all batteries correctly, observing their polarity. Ensure they are fitted as marked on the handset.
 - Do not mix batteries (old and new or carbon and alkaline, etc.).
 - Remove batteries when the unit is not used for a long time.

Disposing of batteries. Do not throw onto a fire. Consult your local authority regarding safe disposal.

15 To reduce the risk of fire or electric shock, Do not expose this apparatus to rain or moisture.

16 This appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.

17 Power Lines - An outdoor antenna should be located away from power lines.



CAUTION

- The ventilation holes should not be blocked or covered.
- Keep naked flames and Lighted candles away from the player.
- Do not place Vases or other vessels filled with water on the apparatus. Do not use in a high humidity environment. Do not splash water or other liquids into the player.
- The mains plug is used at the Final connection. Access should be easily available.

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General Information

Features

- Built-in Dolby Digital decoder, supporting Dolby Pro Logic and Virtual Surround
- 5.1Channel audio out
- TV tuner receiver
- Conforming DVD, SVCD, VCD1.1, VCD2.0, MP3, CDR, CDRW discs
- DVD navigation and SVCD, VCD2.0 PBC controlling functions
- VFD front panel display and OSD menu display
- Full function remote control

DVD region code

DVD players 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 player, 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.

The region number for this DVD player is **2**

Discs that may be played

- DVDs
Discs are generally recorded with multi-titles.
Titles may be subdivided into chapters.
- Video CD
Discs are generally divided into tracks.
- Audio CD's
Discs 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.

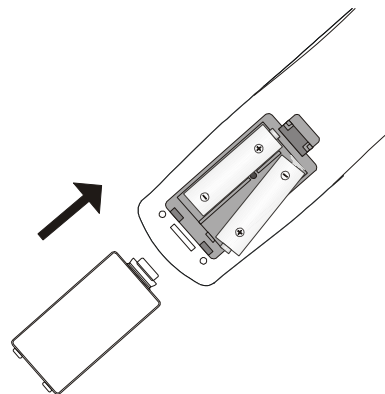
Supplied Accessories

Check that you have the following items:

- 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 AA 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

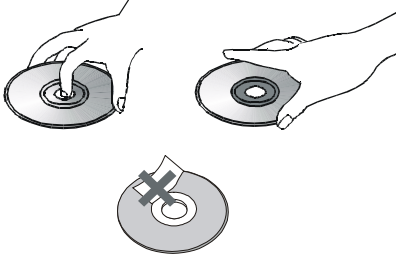
- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause 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.

Notes on disc

Disc handling precautions

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.
- Do not stick paper or tape on the disc.

If there is glue (or a similar substance) on the disc, remove the glue completely before using the disc.



- Do not expose the disc to direct sunlight or sources such as hot air ducts, or leave it in a car parked in direct sunlight as there can be considerable rise in temperature inside the car.
- After playing, store the disc in its case.
- Do not write on the label side with a ball-point pen or other writing utensils.
- Be careful not to drop or bend the disc.

Disc cleaning precautions

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center to out.




- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

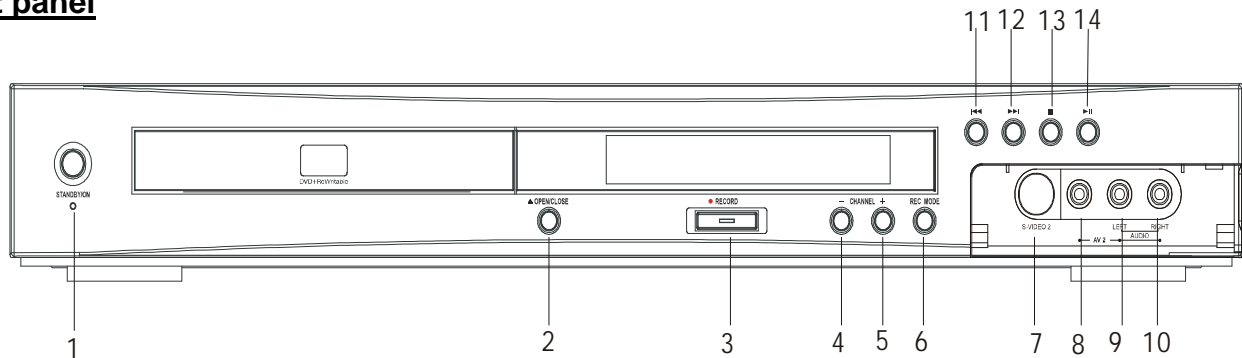
Disc installing precautions

- Do not install more than 1 disc on disc tray.
- Do not place the disc on the tray up-side down.
- Do not try to close the disc tray when the disc is not installed properly.

Conventions about this manual

- Instructions in this manual describe the controls on the system. You can also use the controls on the remote control if they have the same or similar names as those on the system.
- The types of functions and operations that can be used for a particular disc vary depending on the features of that disc. In some cases, these functions and operations may differ from the descriptions given in this Operations Manual. In this event, follow the instructions given on the screen. This Operations Manual only covers basic disc operations.
- For some operations, the  icon may appear on the screen. This indicates that the operation described in this Operations Manual is not permitted for the current disc.
- The drawings about the TV screen and front panel display used in this Operations Manual are purely for the purposes of explanation. The actual displays may differ slightly from what are shown here.

Front panel



1-STANDBY/ON

To switch the Unit to standby and power on mode

2-OPEN/CLOSE

Press to open/close disc tray.

3-RECORD

Press to record.

4-CHANNEL (-)

Press to select previous TV channel

5-CHANNEL (+)

Press to select next TV channel

6-REC MODE

Select the record mode

7-S-VIDEO

S-video input jack

8- VIDEO

Video input jack

9- AUDIO IN (L)

Audio input jack(left channel)

10- AUDIO IN (R)

Audio input jack(right channel)

11- PREV

Press it to select the previous track or chapter.

12- NEXT

Press it to select the next track or chapter.

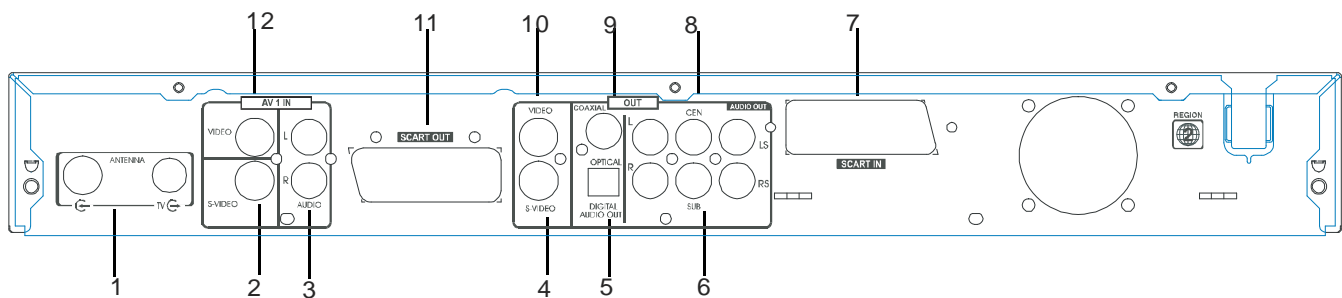
13- STOP

Press to stop playback except for timer recording.

14- PLAY/PAUSE

Press it to play or pause the playback.

Back panel



1-ANTENNA

Connect RF ANTENNA to TV set

2-S-VIDEO (IN)

S-video input jack

3-AUDIO IN (L and R)

Audio input jacks

4-S-VIDEO(OUT)

S-video output jack

5-OPTICAL OUT

Optical digital audio output

6-SUBWOOFER

Connect the Amplifier Sub terminals

7- SCART IN

S-cart in jack

8- AUDIO OUT

Connect the Amplifier Audio input

9- COAXIAL OUT

Coaxial digital audio output

10- VIDEO OUT

Video input jack

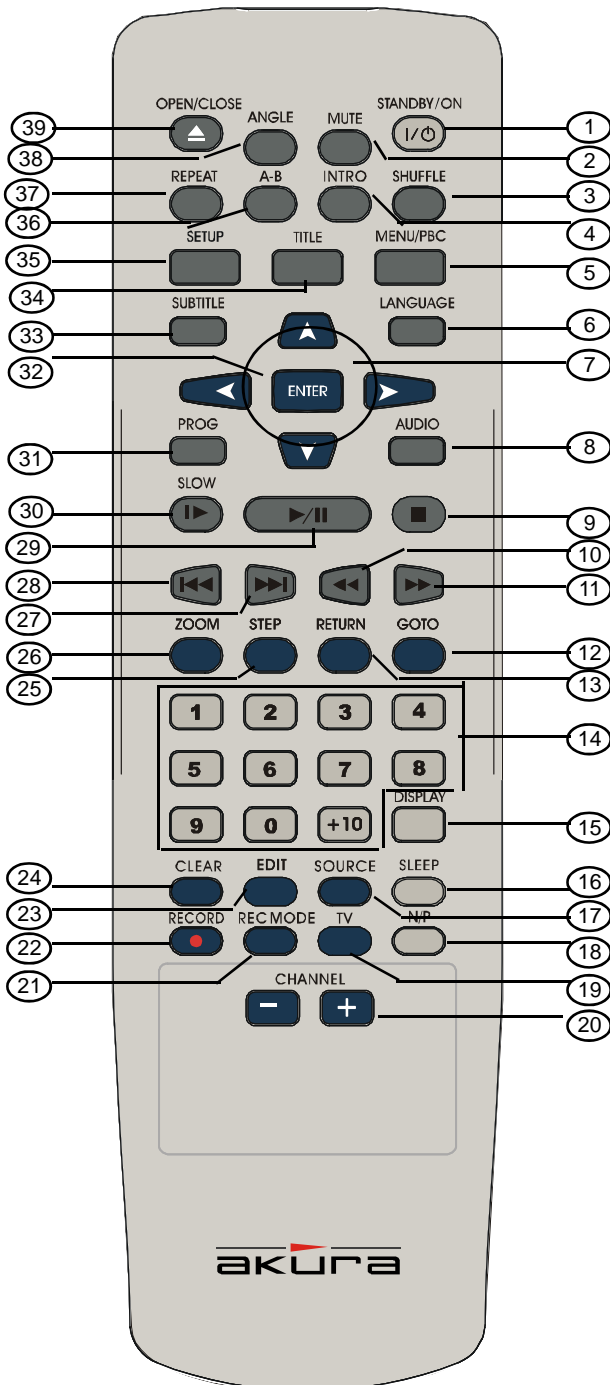
11- SCART OUT

S-cart out jack

12- VIDEO IN

Video input jacks

Remote control



- ① **STANDBY** : Switches the player "On" and to "standby".
- ② **MUTE** : Mutes and restores the audio.
- ③ **SHUFFLE** : press to play the tracks at random.
- ④ **INTRO** : Plays several seconds of each track during stop mode (CD and VCD only).
- ⑤ **MENU/PBC** : press to select the subtitle(root) menu.

- ⑥ **LANGUAGE**: select a different audio language or direction.
- ⑦ **Directional arrow buttons**: press to select the item you want.
- ⑧ **AUDIO** : changes the audio channels of a VCD or CD if available.
- ⑨ **STOP** : stops play momentarily or completely.
- ⑩ **FAST BACKWARD** : Fast backward search.
- ⑪ **FAST FORWARD**: Fast forward search.
- ⑫ **GOTO**: go to the desired starting title, chapter, track or time.
- ⑬ **RETURN** : return back to the menu (VCD only).
- ⑭ **NUMERIC KEYS** : used in DVD menu and CD track selection.
- ⑮ **DISPLAY** : press to show the playing information about the disc.
- ⑯ **SLEEP** : To set the timer on the unit.
- ⑰ **SOURCE** : press to select your desired source.
- ⑱ **N/P**: Selects PAL, NTSC, MULTI & P-SCAN systems.
- ⑲ **TV** : Switches from DVD to TV.
- ⑳ **CHANNEL- /+** : press to select lower/upper TV program channel.
- ㉑ **REC MODE** :press to select the record mode before recording.
- ㉒ **RECORD** : press to start record.
- ㉓ **EDIT** : press to edit what you record.
- ㉔ **CLEAR** : press to clear what you select or input.
- ㉕ **STEP** : press to view playback frame by frame
- ㉖ **ZOOM** : press to enlarge the picture.
- ㉗ **NEXT SKIP** : skip to next chapter or track.
- ㉘ **PREV SKIP**: skip to previous chapter or track.
- ㉙ **PLAY/PAUSE** : press to start or pause playback.
- ㉚ **SLOW** : select the forward/backward slow speed playback.
- ㉛ **PROG** : program the tracks in your own order.
- ㉜ **ENTER** : press to enter a command or confirm a selection.
- ㉝ **SUBTITLE** : access various subtitle language in DVD.
- ㉞ **TITLE** : displays the title menu if available (DVD only)
- ㉟ **SETUP** : enter into the SETUP menu.
- ㊱ **A-B** : repeat a certain segment between A and B.
- ㊲ **REPEAT** : allow you to repeat a title,a chapter, a song or all songs on the disc.
- ㊳ **ANGLE**: access various camera angles on DVD.
- ㊴ **OPEN/CLOSE**: open or close the disc tray.

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.

Connect your DVD recorder to TV set

If your TV set has a VIDEO OUT socket, connect your TV with a Video cable . (Configuration A+C+D)

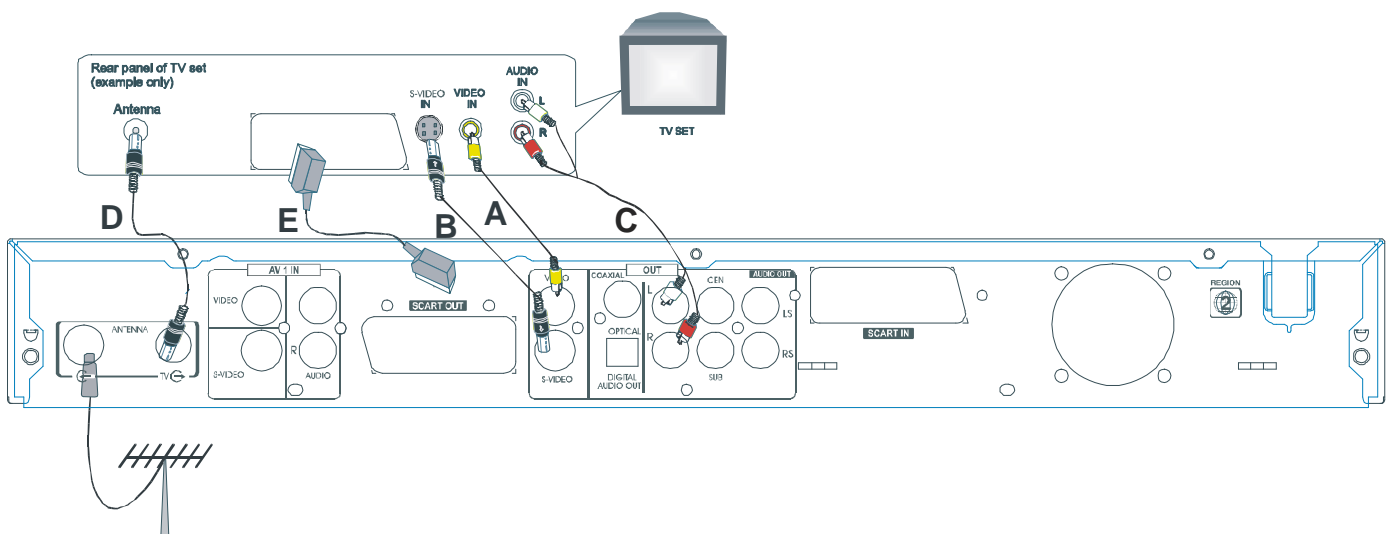
1. Insert ANTENNA cable into ANTENNA socket at the back of the DVD recorder.
2. Insert one end of the supplied aerial cable to the ANTENNA OUT at the back of the DVD recorder and the other end into the aerial input socket at the back of the TV set.
3. Plug one end of the supplied Video cable into the yellow Video (CVBS) output socket at the back of the DVD recorder and the other end into the Video in or AV in socket on the TV set .
4. Insert one end of the supplied Audio cable into the Red/White socket OUT L AUDIO R at the back of the DVD recorder and the other end into the Audio input (usually red/white)socket on the TV set.

If your TV set has a SCART socket , connect your TV with a Scart cable .(Configuration E)

1. Insert ANTENNA cable into ANTENNA socket at the back of the DVD recorder.
2. Insert one end of the supplied aerial cable to the TV socket at the back of the DVD recorder and the other end into the aerial input socket at the back of the TV set.
3. Plug scart cable into the corresponding scart socket at the back of the TV set and the scart socket (SCART OUT).

If your TV set has a S-Video socket , connect your TV with a S-Video cable .(Configuration B+C+D)

1. Insert ANTENNA cable into ANTENNA socket at the back of the DVD recorder.
2. Insert one end of the supplied aerial cable to the ANTENNA OUT at the back of the DVD recorder and the other end into the aerial input socket at the back of the TV set.
3. Plug one end of a S-Video cable into the S-Video 1 output socket at the back of the DVD recorder and the other end into the S-Video input socket on the TV set .
4. Insert one end of the supplied Audio cable into the Red/White socket OUT L AUDIO R at the back of the DVD recorder and the other end into the Audio input (usually red/white)socket on the TV set.



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

You can connect additional devices such as 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 5.1 channels and surrounding audio input. (Configuration D)

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

These can be used to 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.

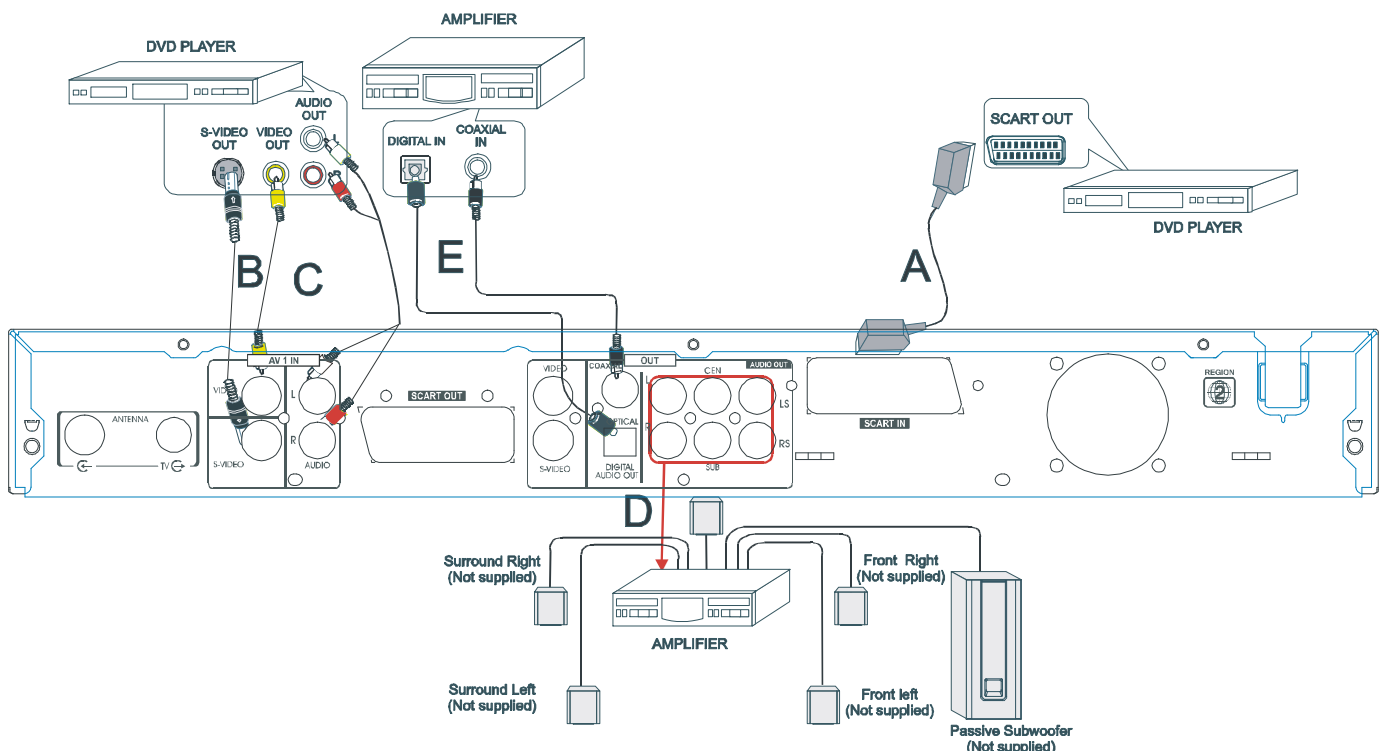
Connect your DVD recorder to the digital audio socket of an audio device, (Configuration A+E)

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

These can be used to 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

Note. Do not connect both audio leads at once.



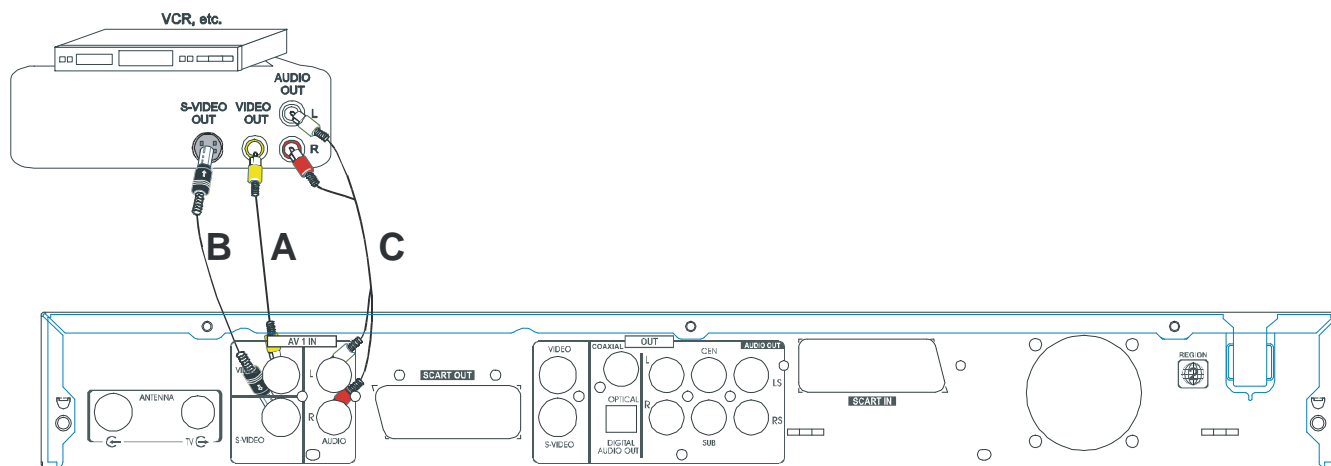
Connect your DVD recorder to VCR or a similar recording equipment

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.

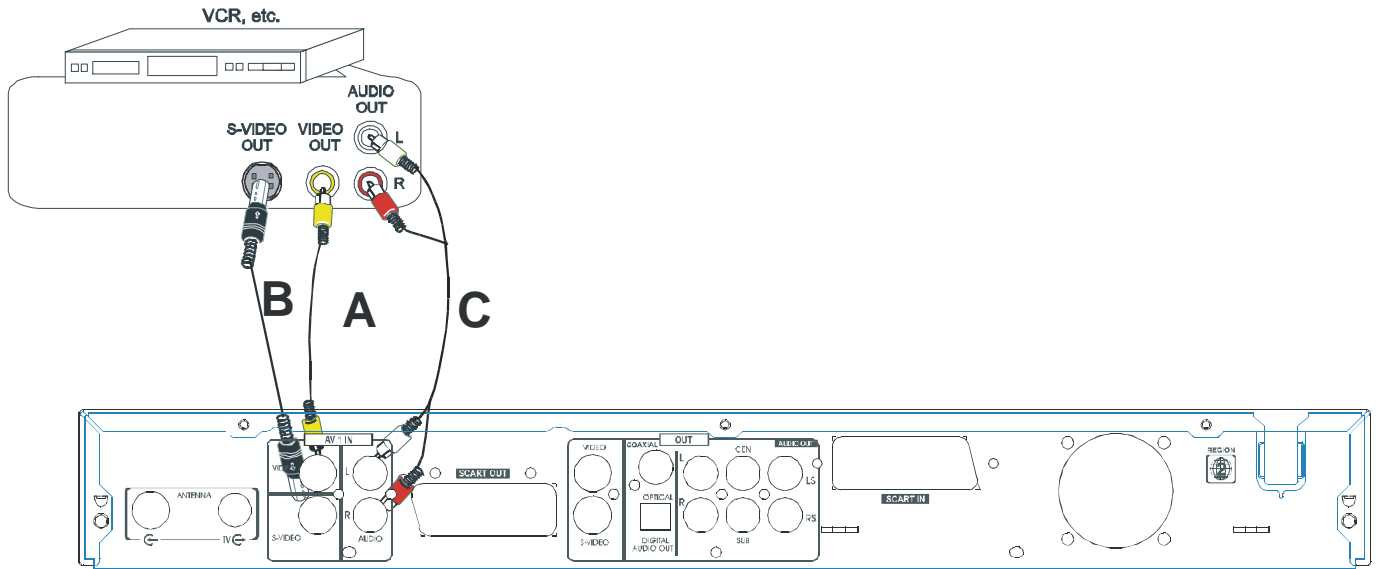
1. Connect to the AV IN by a video cable.(configuration A+C)
2. Connect to the AV IN by a s-video cable.(configuration B+C)
3. Connect with component video cable.(configuration C)



Connection for recording from other equipment

Connect a VCR or similar recording equipment to the OUT jacks.

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

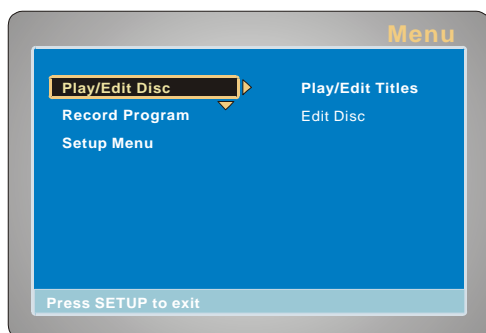


BEFORE INITIAL SETTING

The Setup menu is displayed on the TV screen, this enables you to customize the DVD system to your particular requirement. If the preferred options selected are not available on the disc, then the discs own preference will be used.

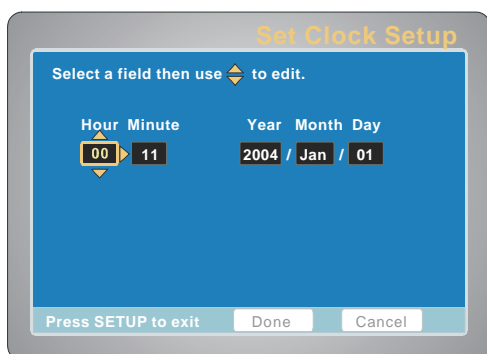
- Turn on the TV and select the appropriate video input to suit the connections made previously. (refer to your TV owners manual.)
- Press [■] before setting if the unit is receiving the TV program.

1. Press [Standby/On] to turn on the unit.
2. Press [SETUP] in no disc mode or full stop mode.
3. Use [◀/▶/▲/▼] to select item you want.
4. Press [ENTER] to confirm the selection.
5. To exit setup menu, press [SETUP] again.



Setting the clock

1. Press [SETUP] in no disc mode or full stop mode, " Menu" screen appears on the TV screen.
2. Press [▼] to select " Setup Menu ", then press [ENTER] or [▶], " recording Setup" is highlighted.
3. Press [ENTER] or [▶] again, " Recording Setup " screen appears.
4. Press [▼] to select " Set Clock ", then press [ENTER] or [▶], " Set Clock Setup " screen appears.
5. Press [◀/▶/▲/▼] repeatedly (or number buttons) to set the date and time.
6. Press[▶] to select " Done" or " Cancel ", and then press [ENTER], " Recording Setup " returns.
7. To exit, press [SETUP].
8. Press [Standby/On] to turn off the unit, the clock appears on the FL display.

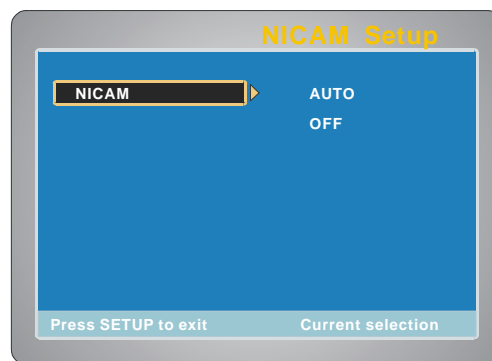


Setting the channel

1. Open " Recording Setup " screen (Repeat steps 1 ~ 3 of " Setting the clock").
2. Press [▼] to select " Channel Setup ", then press [ENTER] or [▶] to select the sub menu.
3. Press [▲/▼] to select the item.

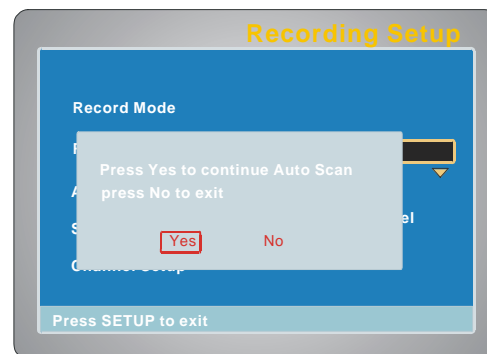
★ NICAM

1. Select " Nicam " .
2. Press [ENTER] or [▶], " Nicam Setup " screen appears.
3. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select " AUTO " or " OFF " .
4. Press [ENTER], " v " appears.
5. Press [◀] repeatedly to return to " Recording Setup " screen.



★ Auto CH Scan

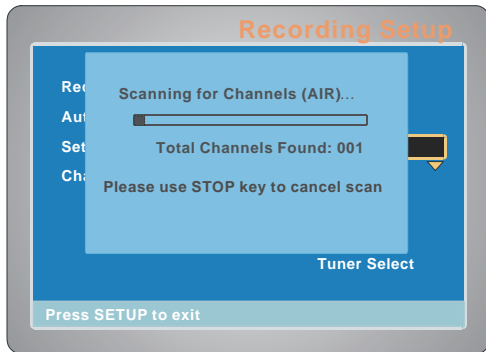
1. Select " Auto CH Scan " .
2. Press [ENTER] or [▶], a message screen appears.



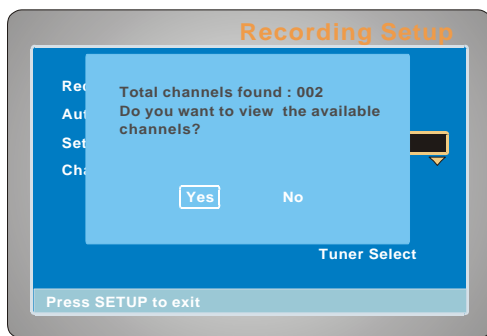
" Yes" is highlighted.

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.



Please wait until the confirmation screen appears.



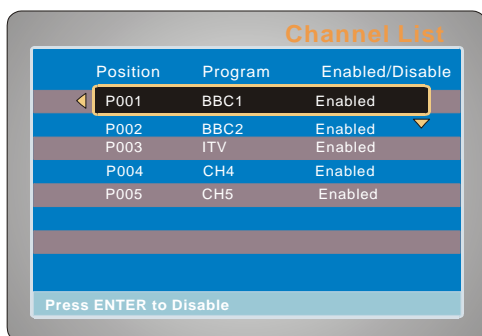
“ Yes ” is highlighted.

Note: If you don't want it, press [▶] to select “ No ”, and then press [ENTER].

4. Press [ENTER], “ Channel List ” screen appears.
5. Press [◀] to return to “ Recording Setup ” screen.

★ Channel List

1. Select “ Channel List ” .
2. Press [ENTER] or [▶], “ Channel List” screen appears.



Note: If you want to receive or not receive the channel, press [▲/▼] to select the channel, and then press [ENTER], “ Enabled ” or “ Disabled ” appears.

3. Press [◀] to return to “ Recording Setup ” screen.

★ Modify Channel

When “Auto tuning” is in operation some stations that are received may not be of good quality, i.e. noisy or ghosty, probably signals from another area. Also the stations received will probably not be in the correct order, i.e. BBC1 may be in location P005 instead of P001. To enable you to delete unwanted stations and move the wanted ones to the correct location.

1. Select “ Modify Channel ” .
2. Press [ENTER] or [▶] and the “ Modify Channel ” screen will appear.
3. Press [▲/▼] to select an unwanted channel. (this is seen in the background).
4. Press [▶], then [▼] to select “ Delete Channel ” .

ADD Channel : The selected channel is added.

Fine Tuning : “ Fine Tuning ” screen appears.

Press [◀ / ▶] to adjust it.

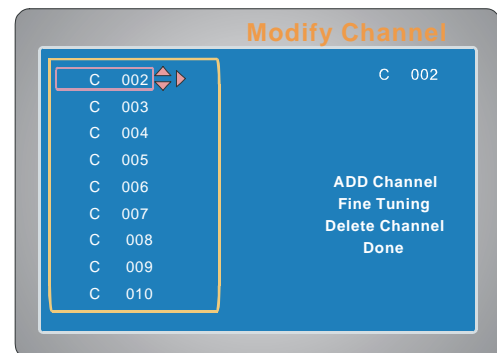
Press [▼] to select “ Done ” and then press [ENTER].

Delete Channel: The channel is deleted.

5. Press “Enter”. You will notice that that channel has disappeared and the lightened number has turned to grey.

6. To remove all the unwanted channels, proceed from 3 to 5.

If you want to confirm the channel, open the “ Channel List ” screen(see the below column).



★ **Moving the wanted stations to the correct location**

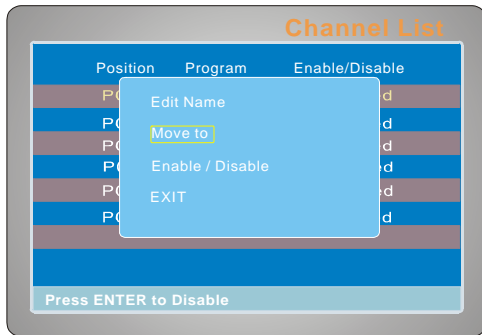
All television stations have "Channel numbers" i.e. in Yorkshire BBC1 = CH44. In London BBC1 = CH26. It is necessary to determine which TV station is allocated which channel number.

Your local TV listing guide will give the channel numbers for your area. If you cannot still find the information, proceed as follows :

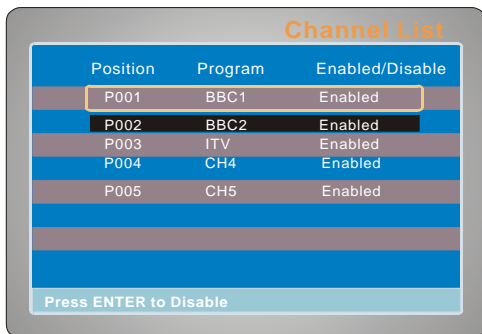
1. Access the "Modify Channel" menu.
2. Move the cursor to each highlighted number in turn.
3. By looking at the picture in the background, determine which station it is, by the programme content. (a local tv guide will help).
4. Note all the highlighted numbers and which station it is.
5. Select "Back" and press "Enter". This will bring you back to the "Recording setup" menu.

(Moving the stations)

1. Move the cursor to "Channel list" and press "Enter".
2. Using the list you have made, move the cursor to the station number which had BBC1 as its channel. Press "Enter".
3. A box will now be displayed , select "Move to" and press "Enter". The box will now disappear and the highlighted selection will turn darker.



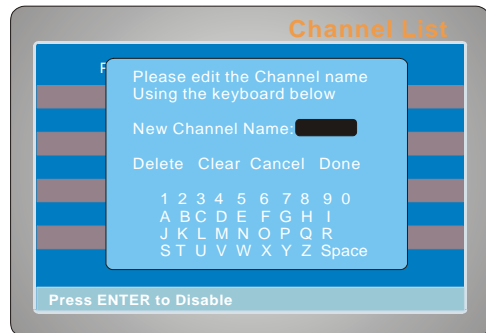
4. Using the "▲" button, move the cursor to P001, and press "Enter". You will notice that the station with BBC1 has now moved to location P001.
5. Using the "▼" button, move the cursor to the Channel number that had BBC2 as its station number.
6. Continue to move all programme numbers by repeating 2 to 5 until all the programmes are in their correct locations. In the UK this is normally P001 = BBC1. P002 = BBC2. P003 = ITV. P004 = CH4. P005 = CH5. If there are other stations you wish to keep, these are usually kept from P006 upwards.
7. To exit the "Channel list" press "◀" button.



★ **NAMING STATIONS**

When all the stations are in their correct locations, you may wish to rename them, thus P001 would become BBC1. Proceed as follows:

1. From the "Recording setup" menu select "Channel list? And press "Enter".
2. The cursor will now highlight P001. Press "Enter".
3. A small text box will now be displayed. Select "Edit name? and press "Enter".
4. A Box showing the "Alphabet" will be displayed, also a box with the title "New Channel name". You must delete whatever text is in that box.
5. Move the cursor to the "Clear" box and press "Enter".
6. Move the cursor to the first letter that you wish to enter, "B" and press "Enter". "B" will now be displayed in the box. When all the letters and numbers have been selected and entered (BBC1). Now move the cursor to "Done".
7. The screen will now revert to "Channel list" and where "Program" is shown "BBC1" will now be displayed.
8. To rename all the other stations, repeat instructions 2 -7.
9. When all the station have been named, press "Setup" and the recorder will revert to "TV".



INITIAL SETTINGS

DVD Control

This is a setup for playing back DVD-Video discs.

(DVD Control --> Disc Menu, Angle Mark, Audio, Subtitle & Parental Control)

1. Press [SETUP] in no disc mode or full stop mode, " Menu" screen appears on the TV screen.
2. Press [▼] to select " Setup Menu" , then press [ENTER] or [▶], " Recording Setup" is highlighted.
3. Press [▼] to select " DVD Control" , then press [ENTER] or [▶], " DVD Control Setup" screen appears.
4. Press [▲/▼] repeatedly to select the item.



★ Setting Disc Menu

1. Select " Disc Menu" .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the desired language.
Note: **Disc** — The first priority language of the disc.
3. Press [ENTER], " v " appears, the disc menu language is set.
4. Press [◀] to return to " Disc Menu" .



★ Setting Angle Mark

To show the angle mark when playing back DVD-Video discs (recorded with multi-angle), select this setting.

1. Select " Angle Mark" .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select " ON" or " OFF" .

3. Press [ENTER], " v " appears.
4. Press [◀] to return to " Angle Mark" .



★ Setting Audio

1. Select " Audio" .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the desired language.
Note : **Disc** — The first priority language of the disc.
3. Press [ENTER], " v " appears, the disc audio language is set.
4. Press [◀] to return to " Audio" .



★ Setting Subtitle

1. Select " Subtitle" .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the desired language.
Note: **Disc** — The first priority language of the disc.
3. Press [ENTER], " v " appears, the disc subtitle language is set.
4. Press [◀] to return to " subtitle" .



★ Setting Parental Control

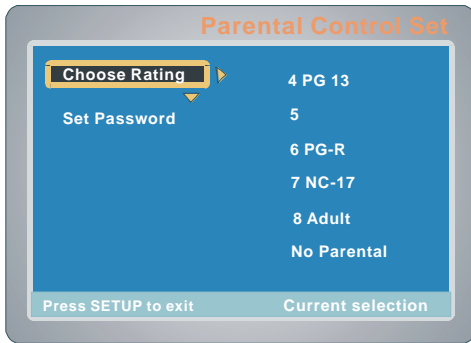
Notes :

- “ Password ” is set to “ 0000 ” 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 “ Parental Control ” .
2. Press [ENTER] or [] to select the sub menu, then press [▲/▼] to select “ Choose Rating ” or “ Set Password ” .

★ Choose Rating

1. Select “ Choose Rating ” .
2. Press [ENTER] or [], “ Parental Control Set ” screen appears.

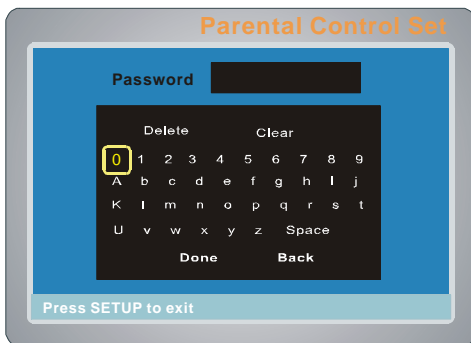


Note : If you want to cancel the setting, select “ Back ” and press [ENTER], “ DVD Control Setup ” screen returns.

3. Press [◀/▶/▲/▼] and press [ENTER] to enter the password.

Note : If you use this unit for first time, enter [0], [0], [0] and [0]. Because the initial password is set to “ 0000 ” before shipping from the factory.

4. Press [▼] repeatedly to select “ OK ” .
5. Press [ENTER], the parental lock level screen appears.



6. Press [ENTER] or [] to select the sub menu, then press [▲/▼] to select the parental lock level.
7. Press [ENTER], “ v ” appears.
8. Press [◀] twice to return to “ DVD Control Setup ” screen.

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 ” .

If you forget the password...

1. Enter [+10],[+10],[+10], and [+10]. (The numbers do not appear in the box.)
It returns to the original factory setting“ 0000 ”
2. Enter a new password and set the parental lock level again.

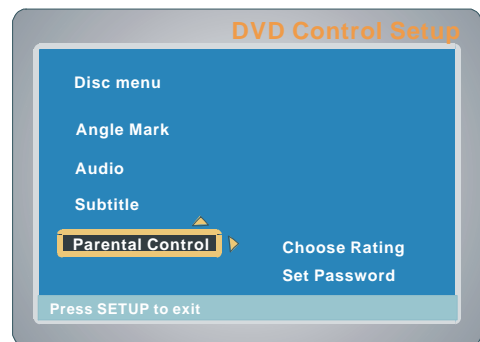
Note:

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

Set Password

1. Select “ Set Password ” .
2. Press [ENTER] or [], “ Parental Control Set ” screen appears.

Note : If you want to cancel the setting, select “ Back ” and press [ENTER], “ DVD Control Setup ” screen returns.



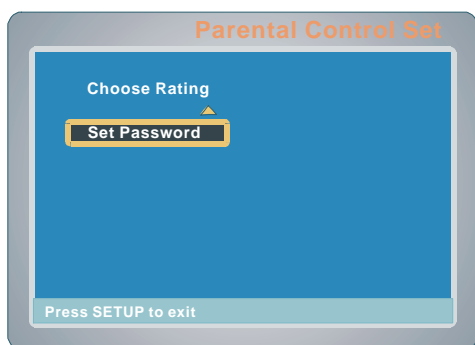
3. Press [◀/▶/▲/▼] and press [ENTER] to enter the password.

Note: If you use this unit for first time, enter [0], [0], [0] and [0].

Because the initial password is set to “0000” before shipping from the factory.

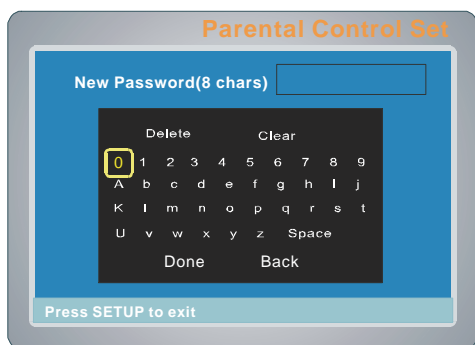
4. Press [▼] repeatedly to select “OK”.

5. Press [ENTER], the parental lock level screen appears.



6. Press [▼] to select “Set Password”.

7. Press [ENTER], the New Password screen appears.



8. Press [◀/▶/▲/▼] and press [ENTER] to enter the password. (maximum 8 characters or numbers).

9. Press [▼] repeatedly to select “OK”.

10. Press [ENTER], the Confirm Password screen appears.

11. Press [▲] to return to the character list, then enter the same password as above.

12. Press [▼] repeatedly to select “OK”, then press [ENTER], the new password is set.

13. Press [◀] to return to “DVD Control Setup” screen.

Note: If you want to cancel the setting, select “Back” and then press [ENTER], “DVD Control Setup” screen returns.

14. To exit, press [SETUP].

General

This is on-screen language setting. In this instruction manual, the language in on-screen display is English.

If you change the language, please follow the selected language in on-screen display.

(General ---> Menu Language)

★ Setting Menu Language

1. Press [SETUP] in no disc mode or full stop mode, “Menu” screen appears on the TV screen.

2. Using [▼] to select “Setup Menu”, then press [ENTER] or [▶], “Recording Setup” is highlighted.

3. Press [▼] to select “General”, then press [ENTER] or [▶], “General Setup” screen appears.

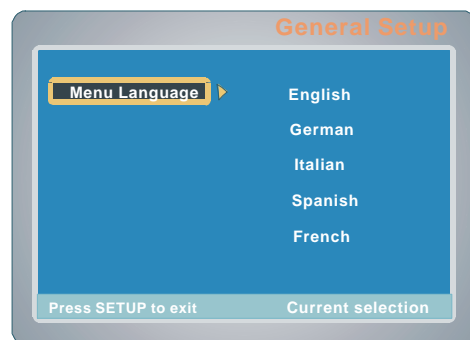


4. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the desired language.

5. Press [ENTER], “v” appears, the menu language is set.

6. Press [◀] to return to “Menu Language”.

7. To exit, press [SETUP].

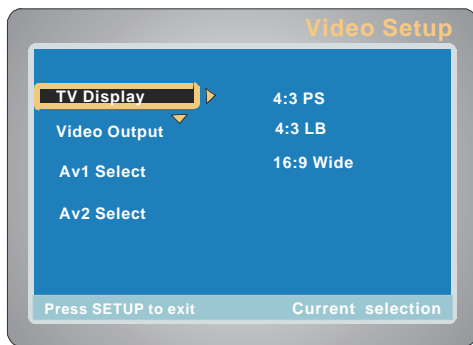


Video

(Video ---> TV Display , Video Output, AV1 Select, AV2 Select)

★ Setting TV Display

1. Press [SETUP] in no disc mode or full stop mode, “ Menu” screen appears on the TV screen.
2. Press [▼] to select “ Setup Menu ”, then press [ENTER] or [▶], “ Recording Setup” is highlighted.
3. Press [▼] to select “ Video ”, then press [ENTER] or [▶], “ Video Setup ” screen appears.
4. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the appropriate setting for your TV screen size.



★ 4:3 PS(Panscan)

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 LB(Letterbox)

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

Select when a wide screen TV set is connected. Played in FULL size. (Setting the wide screen TV to FULL mode is also necessary.)

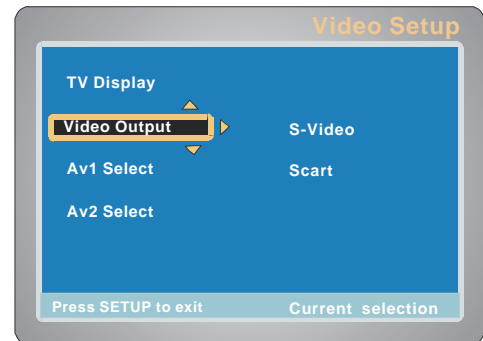
Notes:

- The screen size may differ depending on the DVD video discs.
- If you select 16:9 Wide 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 4:3 PS is selected, the black bands may remain on the screen.

5. Press [ENTER], “ v ” appears, the TV display is set.
6. Press [◀] to return to “ TV Display ” .

★ Setting Video Output

1. Select “ Video Output ” .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select output mode.
3. Press [ENTER], “ v ” appears.
4. Press [◀] to return to “ Video Output ” .
5. To exit, press [SETUP].

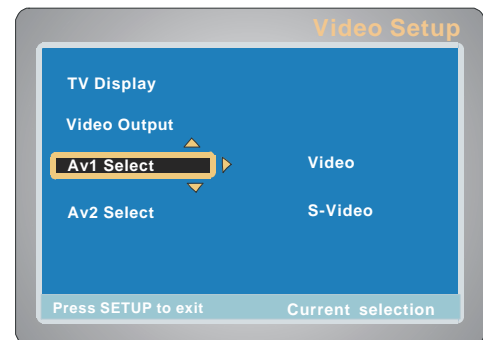


When the 1st AV input (AV1 IN) or 2nd AV input (AV2 IN) jacks are connected, you must set as follows:

(AV Select ---> AV1 Select & AV2 Select)

★ Setting AV1 Select and AV2 Select

1. Press [SETUP] in no disc mode or full stop mode, “ Menu” screen appears on the TV screen.
2. Using [▼] to select “ Setup Menu ”, then press [ENTER] or [▶], “ Recording Setup” is highlighted.
3. Press [▼] to select “ Video ”, then press [ENTER] or [▶], “ Video Setup ” screen appears
4. Press [▲/▼] to select “ AV1 Select ” or “ AV2 Select ” .
AV1 Select : When AV1 IN jacks are used
AV2 Select : When AV2 IN jacks are used

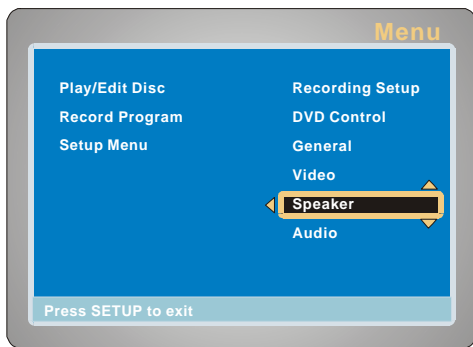


5. Press [ENTER] or [▶] to select the sub menu.
6. Press [▲/▼] to select “ Video ” or “ S-Video ” input jack.
Video: Using VIDEO input jack
S-Video: Using S-VIDEO input jack
7. Press [ENTER], “ v ” appears.
8. Press [◀] to return to “ AV1 Select ” or “ AV2 Select ” .
9. Repeat steps 1 ~ 5 as necessary.
10. To exit, press [SETUP].

Speaker

(Speaker ---> Down Mix, Center, Rear, Subwoofer, Center Delay, Rear Delay, Speaker Test)

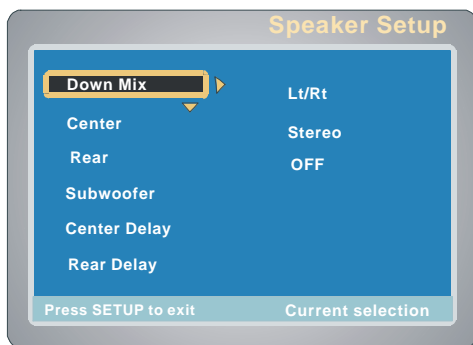
1. Press [SETUP] in no disc mode or full stop mode, " Menu" screen appears on the TV screen.
2. Press [▼] to select " Setup Menu ", then press [ENTER] or [▶], " Recording Setup" is highlighted.
3. Press [▼] to select " Speaker ", then press [ENTER] or [▶], " Speaker Setup " screen appears.



★ Setting Down Mix

To play a DVD disc recorded with surround multi-channel audio correctly, select either one according to your audio system.

1. Select " Down Mix " .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the desired item.
3. Press [ENTER], " v " appears, the disc down mix is set.
4. Press [◀] to return to " Down Mix " .

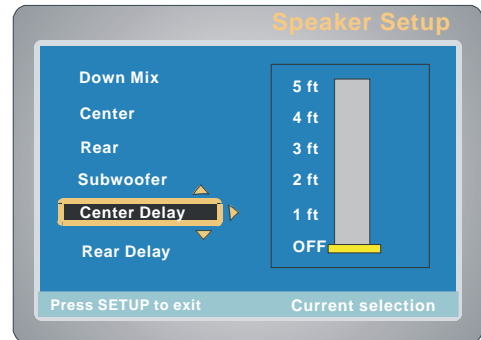


★ Setting Center, Rear, Subwoofer

1. Select " Center ", " Rear " or " Subwoofer " .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the " ON " or " OFF " .
3. Press [ENTER], " v " appears .

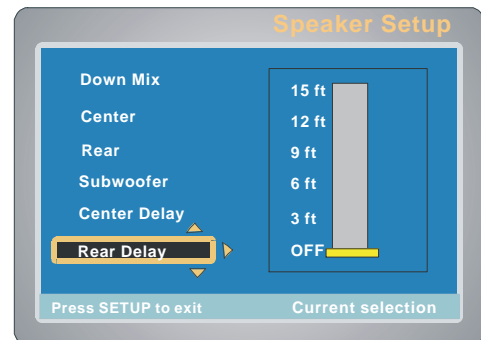
★ Setting Center Delay

Selects the center Channel delay time for Doby Digital audio.the Options are 5 ft,4 ft,3 ft,2 ft,1 ft off.



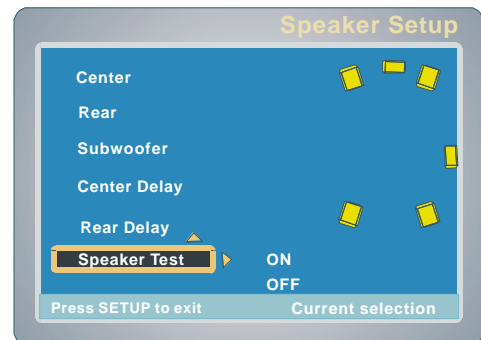
★ Setting Rear Delay

Selects the Rear Channel delay time for Doby Digital audio .the Options are 15 ft,12 ft,9 ft,6 ft,3 ft off.



★ Speaker Test

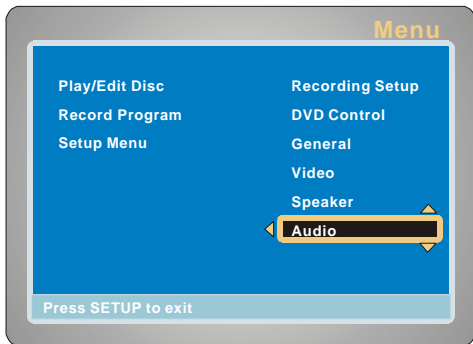
Selects the Speaker Test and listening to the sound from front right, center, front left, subwoofer, rear left, rear right speaker.



Audio

(Audio ---> Digital Out & DRC & Pro Logic)

1. Press [SETUP] in no disc mode or full stop mode, " Menu" screen appears on the TV screen.
2. Press [▼] to select " Setup Menu ", then press [ENTER] or [▶], " Recording Setup" is highlighted.
3. Press [▼] to select " Audio ", then press [ENTER] or [▶], " Audio Setup " screen appears.



★ Setting DRC (Dynamic Range Control)

Selects the dynamic range control to fit the listening situation of the audience.

1. Select " DRC " .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select " OFF " , " STD " .

- OFF: Off position
- STD: When connecting the amplifier to the AUDIO OUT jacks (not DIGITAL AUDIO OUT jacks).



★ Setting Digital Out

Digital output selection enables you to switch on or off the digital output. The Default setting is OFF.

1. Select " Digital out " .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select " OFF " or " ON " .
3. Press [ENTER], " v " appears.



4. Press [◀] to return to " Digital out " .

3. Press [ENTER], " v " appears.
4. Press [◀] to return to " DRC " .
5. To exit, press [SETUP].

★ Setting Pro Logic

1. Select " Pro Logic " .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select " ON " or " OFF " or " Auto " .



3. Press [ENTER], " v " appears.
4. Press [◀] to return to " Pro Logic " .
5. To exit, press [SETUP].

Recording

This DVD recorder is going to make your life more convenient. It operates in a similar way to a VCR, with the exception that the picture and sound quality is far superior.

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 recordable media can be used.

1. Press [STANDBY/ON] to turn the unit on.
 - "AKURA" 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.

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.
 - If a blank disc is used for first time, "AKURA" 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" or "EP+") appear on the FL display.
 - Blank DVD+Rs may take a while longer before "STOP" disappears on the TV screen.

Recording Setup

This is a setup for recording on a DVD+RW or DVD+R disc. **(Recording Setup ---> Record Mode & Auto Chapter)**

1. Press [SETUP] in no disc mode or full stop mode, "Menu" screen appears on the TV screen.
2. Press [▼] to select "Setup Menu", then press [ENTER] or [▶], "Recording Setup" is highlighted.
3. Press [ENTER] or [▶] again, "Recording Setup" screen appears.



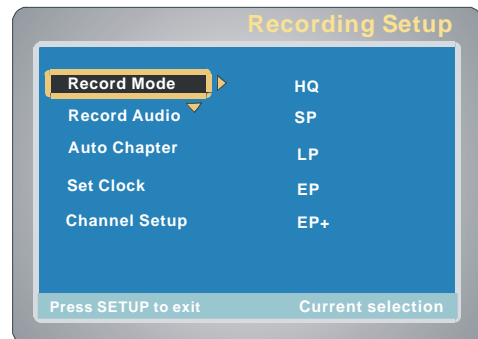
★ Setting Record Mode

1. Select "Record Mode".
2. Press [ENTER] or [▶] to select the sub menu, then press [▲/▼] to select the desired record mode.

Record mode	Record time (minutes)
HQ :	60
SP (Standard mode) :	120
LP :	180
EP :	240
EP+ :	360

Note :

- The record times are an estimate and actual times may differ.
- The record time may differ depending on the recording conditions.
 - Recording a program with poor reception, or a program or v-ideo source of low picture quality
 - Recording on a disc that has already been edited
 - Recording only a still picture or just sound

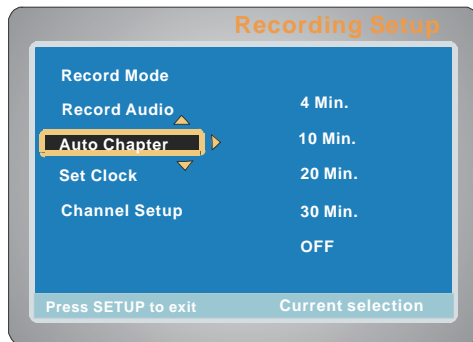


3. Press [ENTER], "v" appears, the record mode is set.
4. Press [◀] to return to "Record Mode".

★ Setting Auto Chapter

When recording starts, the chapters in the title are made automatically on the disc by this setting.

1. Select “ Auto Chapter ” .
2. Press [ENTER] or [▶] to select the sub menu, then press [▲ / ▼] to select the desired time.



3. Press [ENTER], “ v ” appears.
4. Press [◀] to return to “ Auto Chapter ” .
5. To exit, press [SETUP].

Recording TV Programs

Before pressing TV, select the **Record Mode** (“ HQ ” , “ SP ” , “ LP ” , “ EP ” or “ EP+ ”) first by setting “ Recording Setup ” or by pressing [REC MODE] on the remote control and set **Auto Chapter**.

1. Press [TV] 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 [CHANNEL + or -].
 - Press the number button(s).Examples:
 - To select Channel 6: Press [6].
 - To select Channel 12: Press [1] and [2].
 - To select Channel 110: Press [1], [1] and [0].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 “ CLOSING ” ---> “ PLEASE WAIT... ” --->“ S-TOP ” 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 mode 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 [SOURCE] repeatedly to select TV source on the screen.

- “ CH ” icon 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.

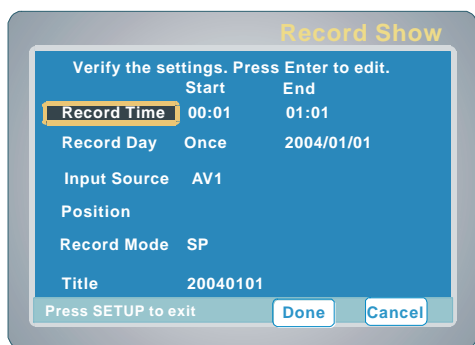
Use programmed recording to automatically start and end recording at a later date. The DVD recorder will switch to the right program number and begin recording at the correct time.

1. Set the record program(s) first.

(Record Status---->Record Time, Record Day, Input Source, Position, Record Mode & Title)

Note : The clock must be set before this setting.

- (1) Press SETUP in no disc mode or full stop mode, " Menu " screen appears on the TV screen.
- (2) Press ▼ to select " Record Program " , then press ENTER or ► , " Record Status " is highlighted.
- (3) Press ENTER or ► , " Record Show " screen appears.



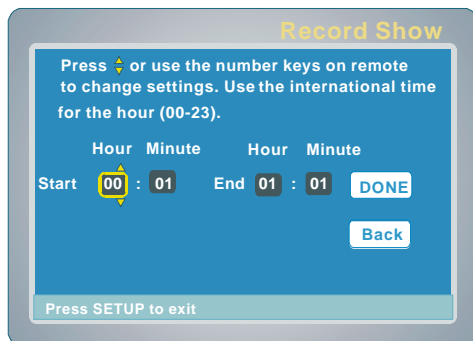
- (4) Press ▲/▼ to select the item (Record Time, Record Day, Input Source, Position, Record Mode & Title).



★ Setting Record Time

Note : If you have set " Record Status " already, open " Record List " to check the list. Remove the unnecessary program from the list first.

1. Select " Record Time " .
2. Press ENTER, the start and end time screen appears.



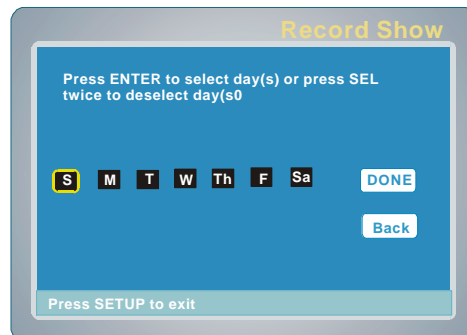
3. Press ▲/▼ (or the number buttons on the remote control) to set the start and end times and press ◀ / ▶ to move the cursor.
4. Press ► to select " DONE " , then press ENTER, the record time is set. The " Record Show " screen returns.

★ Setting Record Day

1. Select " Record Day " .
2. Press ENTER, the Record Show screen appears.
3. Press ▲/▼ to select the " Once " or " Repeat " .
4. If select " Once " , Press ENTER, then the calendar screen appears.

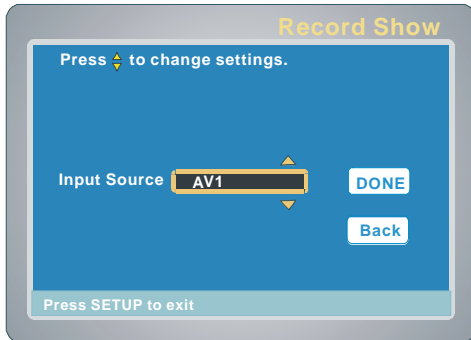


5. Press ▲/▼ (or the number buttons on the remote control) to set the record date and press ◀ / ▶ to move the cursor.
6. If select " Repeat " , Press ENTER, then the week screen appears.
7. Press ► to select " DONE " , then press ENTER, the record date is set. The " Record Show " screen returns.



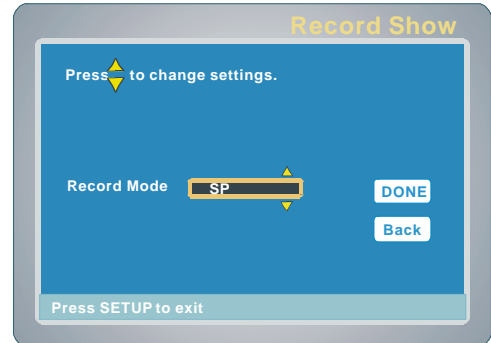
★ Setting Input Source

1. Select " Input Source " .
2. Press ENTER, the Input Source screen appears.



★ Setting Record Mode

1. Select " Record Mode " .
2. Press ENTER, the Quality screen appears.



3. Press ▲/▼ to select " HQ " , " SP " , " LP " , " EP " or " EP+ " .
4. Press ENTER or ► to select " DONE " , then press ENTER, record mode is set. The " Record Show " screen returns.

★ Setting Title

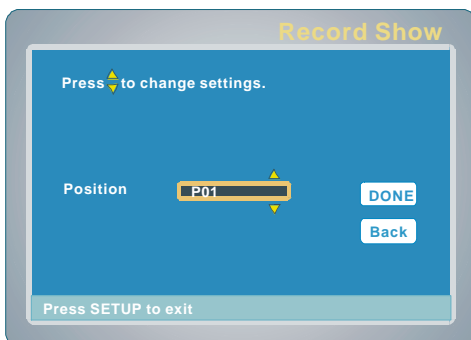
1. Select " Title " .
2. Press ENTER, title screen appears.



3. Press ▲/▼ to select " Tuner " , " Scart VID " " Scart RGB " " AV1" or " AV2 " .
4. Press ENTER or ► to select " DONE " , then press ENTER, the recording input source is selected. The " Record Show " screen returns.

★ Setting Position

1. Select " Position " .
2. Press ENTER or ► , a message screen appears.



3. Press ENTER again, new title screen appears



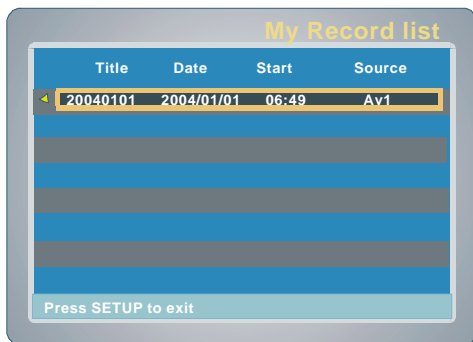
4. Press ◀/▶/▲/▼ to select the letter or number, then press ENTER.
5. Repeat steps 4 to make a title name (up to 10 characters).
Note : If you make a mistake, select " Delete " or " Clear " , and press ENTER.
 - Delete : Every time ENTER is pressed, the last character of the title name is deleted.
 - Clear : ENTER is pressed, the title name is cleared at once.

6. Press ▼ to select “ DONE ” , then press ENTER, title screen returns. The new title name appears.
7. Press ▶ to select “ Back ” , then press ENTER, The “ Record Show ” screen returns.

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

2. Recording List

- (1) Press SETUP in no disc mode or full stop mode,“ Menu ” screen appears on the TV screen.
- (2) Press ▼ to select “ Record Program ” , then press ENTER or ▶ , “ Record Status ” is highlighted.
- (3) Press ▼ to select “ Record List ” , “ My Record List ” screen appears.

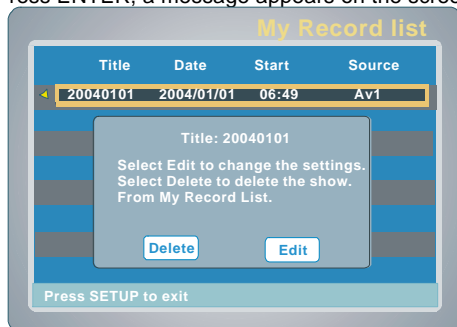


★ If the list is correct...

- Press ◀ to return to the previous screen.
- To exit, press SETUP.

★ If you want to delete or edit it...

- Press ▲/▼ to select the item you want to delete or edit.
- Press ENTER, a message appears on the screen.



- Do one of the followings:

Delete :

- Select “ Delete ” .
- Press ENTER, the confirmation screen appears.
- Select “ Confirm ” .
- Press ENTER , “ My Record List ” screen returns.

Edit :

- Select “ Edit ” .
- Press ENTER, “ Edit My Record List ” screen appears.
- Edit the items again.

- Press ◀ to return to the previous screen.
- To exit, press SETUP.

Timer Recording (Continue)

4. Press STANDBY/ON to turn the power off.

Recording standby mode is set.

- The preset time will appear 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.

Recording from an External Equipment (VCR, etc.)

- **Connect a VCR or other equipment to the AV1 IN or AV2 IN jacks first.**
- **Select “ Video ” or “ S-Video ” in “ AV Select ” screen.**

1. Load the disc.
2. Press SOURCE repeatedly to select “ VIDEO1 IN ”, or “ VIDEO2 IN ” for the equipment you have connected.
 - “ VIDEO1 IN ” or “ VIDEO2 IN ” appears on the FL display.
3. Start playback on the other equipment.
4. Press RECORD ● at the point you want to start recording.
 - Recording starts.
5. To pause recording
Press ►/II during recording and press it again to restart recording.
6. To stop recording
 - Press ■ during recording.
 - Please wait until “ CLOSING ” ---> “ PLEASE WAIT... ” ---> “ S-TOP ” 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 are allowed to press the RECORD button on your remote control or on the front panel to have a duration of recording from 30 minutes to 120 minutes.

In this one touch recording mode each pressing RECORD button can add 30 minutes to your record. While the longest duration time in this mode is 120 minutes.

Note: This function depend the disc memory and the record mode.

Playback Features

★ Preparations

1. When you complete all the connections, plug the AC power cord of the player.
2. Press STANDBY/ON 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 TV or AV receiver to increase or decrease the volume level.
6. Press MUTE to shut off the sound. To restore the volume, press it again.

★ Start or Pause Playback

- Press ►/II .
- To pause playback, press ►/II 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, +10) to go to the desired track/chapter.

★ Stopping Playback

For DVD / DVD+RW / DVD+R

- 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.

Note : Some discs may not resume playback.

- Press ■ twice during playback.
1. “ STOP ” appears briefly on the TV screen and playback stops completely.
 2. When you press PLAY/PAUSE, playback starts from the beginning of the disc.

For VCD / CD

- 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 / DVD+RW / DVD+R discs
 - ▶▶ fast forward : FF 2X, 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 ►/II to return to normal playback.

★ Skip Playback

During playback press **I◀◀/▶▶I** repeatedly during playback to skip to next or previous 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 / DVD+RW / DVD+R discs
SF 2X → SF 4X → SF 8X → SR 2X → SR 4X → SR 8X → PLAY → SF 2X → ...

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

★ Step Playback (Frame by Frame Advance Playback)

For DVD-Video / DVD+RW / DVD+R

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 **REPEAT** 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 / DVD+RW / DVD+R discs
CHAPTER REPEAT ON/REP 1:
Repeat of the chapter being played
TITLE REPEAT ON/REP ALL:
Repeat of the title being played
REPEAT OFF
Normal playback mode
- For VCD / CD discs
REP-ONE/REP 1:
Repeat of the track being played
REP-ALL/REP ALL:
Repeat all tracks
REPEAT OFF:
Normal playback mode

★ A-B Repeat Playback

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

1. Press **A - B** at the starting point you want.
2. Press **A - B** again at the end point 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 the DVD TITLE menu

Some DVDs 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 menu.
3. Press **ENTER** to playback the selected menu.

★ Using MENU/PBC

- For VCD discs
Press this button to turn the **MENU ON** or **OFF**.
 1. The system will set the **PBC** function to **ON** automatically and showing **PBC** menu.
 2. Press **MENU/PBC** to switch **PBC OFF**(If the disc is playing, the playback will stop), using numeric key (0-9, +10) to select the track you want to playback.
- For DVD / DVD+RW / DVD+R disc
Press this button 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**. The **Go BACK TO MAIN PAGE** is shown on the TV screen, and then the menu appears.

★ GOTO (Title, Chapter, Track or Time search)

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

- For DVD / DVD+RW / DVD+R discs
 1. Press **GOTO**.
 2. Press **◀ / ▶** to select **TITLE** or **CHAPTER** search or press **GOTO** again to enter time search.
eg : **TITLE 01 / 28 CHAPTER 015 / 035**
TITLE 01 / 02 TIME -- : -- : --
 3. Use numeric key (0-9, +10) to input the specific title, chapter or elapsed playing time at which you want to begin playback.
 4. Press **ENTER**.

- For VCD / CD discs
 1. Press **GOTO**.
 2. Use numeric key (0-9, +10) to input the specific elapsed playing time at which you want to begin playback.
eg : **GOTO --:--**

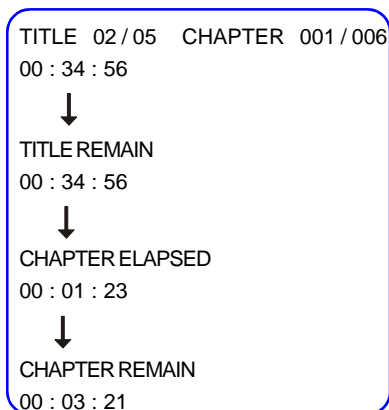
Note: With VCD discs this function is only available in **PBC OFF** mode. The VCD/CD will only **GOTO** within the same track.

★ 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 / DVD+RW / DVD+R

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

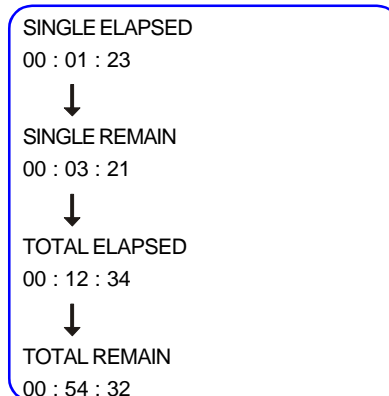


2. Press DISPLAY again, the information display is off.

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 GOTO/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.)



2. Press DISPLAY again, the information display is off.

★ Subtitle (Selecting Subtitle Language)

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.

★ Language

When the playing disc is a DVD story disc with multi-language, you can press this button repeatedly to select the preferred language for audio recorded.

Notes :

- You cannot switch languages if there is only one language recorded on the disc.
- The maximum number of audio languages stipulated by the manufacturers is 8/8.

★ 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:

ZOOM x 1.5
↓
ZOOM x 2
↓
ZOOM x 3
↓
ZOOM OFF

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 be 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.

★ Intro play mode

This function allows you to scan playback all of the tracks about 10 seconds for each track.

1. Press ■ to stop playback.
2. Press INTRO to switch intro function ON, and the playback will automatically.
3. To stop intro playback, press ■ .
4. To cancel intro playback, in stop mode to press PLAY to switch off.

★ Shuffle playback

You can playback CD tracks in random order.

1. Press ■ to stop playback.
2. Press SHUFFLE to turn on shuffle function.
3. Press ▶/|| to start shuffle playback.
4. To stop shuffle playback, press ■ .
5. To cancel shuffle playback, press SHUFFLE to switch off.

★ 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 CD/VCD mode.

1. Press ■ to stop playback.
2. Press PROGRAM to enter program mode.
“PROG” icon appears on the FL display.
3. Use the number buttons (0 ~ 9, +10) to input the track number in the order you want.
 - “ 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 ■ again.

★ Sleep timer setting

The sleep timer enables the system to switch to standby mode automatically at a preset time.

- Press SLEEP repeatedly to select a preset time as following:

30(minutes) 60 90 120 OFF 30 ..

★ MP3 CD Playback

1. Load the disc with the label facing up on the disc tray.
 - “ SmartNAVI ” 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 “ II ” appears on the FL display.
- Press ►/|| again to return to normal playback.

File Skip

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

Repeat Playback

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

To Display the Elapsed Playing Time

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

★ Picture CD Playback

With 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 I◀◀/▶▶I during the slide show, it skips to the next picture or previous picture.
- To stop the slide show, press ■ . The thumbnail pictures appear.
- 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 next or previous 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 next picture or previous picture.
- To stop the slide show, press ■ .

★ Picture CD / JPEG Picture Zoom

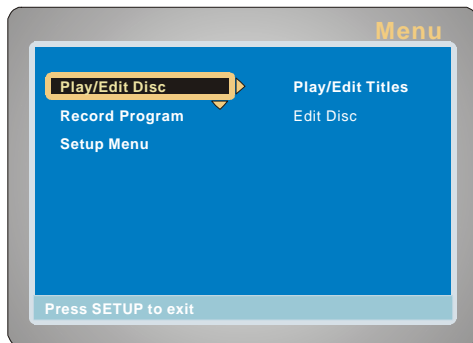
1. Press ■ at the desired picture.
2. Press ZOOM. “ ZOOM ON ” appears briefly on the TV screen.
3. Press ◀◀/▶▶ to select the desired picture size.
4. To return to the original size, press ZOOM again.
 - “ ZOOM OFF ” appears briefly on the TV screen.

Managing the disc contents

When a recording is made to disc, the following information is also stored at the beginning of the recording:

- 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.
- Record mode.
- Date of the recording.

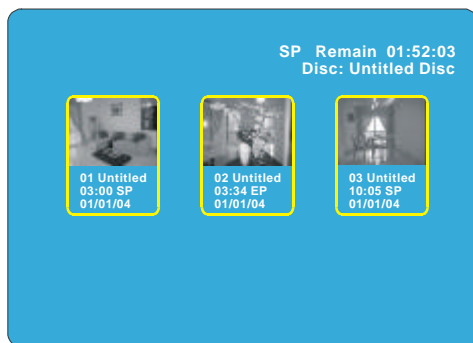
1. Press SETUP in no disc mode or full stop mode, " Menu " screen appears on the TV screen, " Play/Edit Disc " is highlighted.



2. Press ENTER or ▶ to select the sub menu,

Playing/Edit Titles

1. Select " Play/Edit Titles " in " Menu " screen, then press ENTER, " TITLE MENU " appears briefly on the TV screen. The title menu screen appears.



2. Press ◀ / ▶ to select the TITLE first.
3. Press EDIT, the edit screen appears.



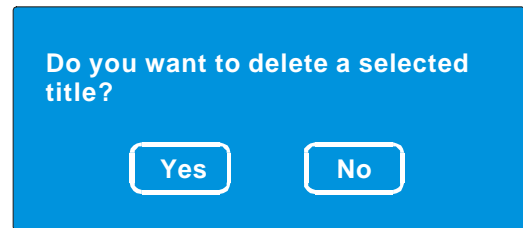
4. Press ▲ / ▼ to select the item.

★ PLAY TITLE (DVD+RW / DVD+R)

Select " PLAY TITLE " , then press ENTER, the selected title starts playback.

★ TITLE DELETE (DVD+RW)

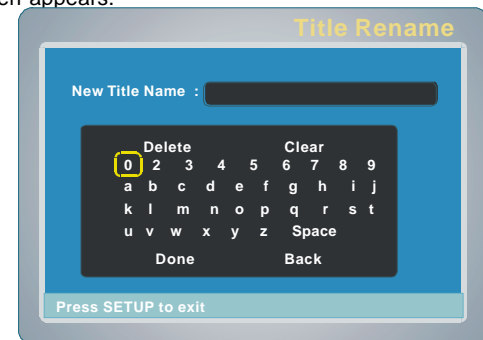
1. Select " TITLE DELETE " , then press ENTER, a message appears.



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)

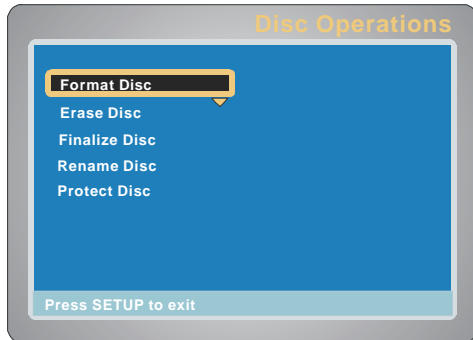
1. Select " TITLE RENAME " , then press ENTER, " Rename " screen appears.



2. Press ◀ / ▶ / ▲ / ▼ to select the letter or number, then press ENTER, the character appears in the box.
3. Repeat steps 2 to make the new 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.
4. Press ▼ to select " Done " , then press ENTER, wait until " PLEASE WAIT..." disappears on the TV screen.
- The title menu (with " DELETED ") screen returns.
5. To exit, press SETUP.

Edit Disc

1. Select “ Play/Edit Titles ” in “ Menu ” screen, then press ENTER, “ Disc Operations ” screen appears.

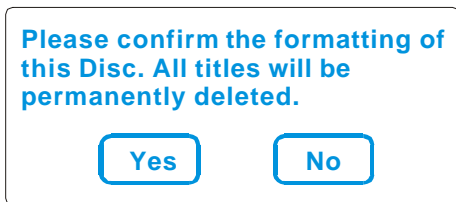


2. Press ▲/▼ to select the item.

★ Format Disc (DVD+RW)

You can delete all titles and create a blank disc.

1. Select “ Format Disc ” then press ENTER, a message appears.



2. Press ◀ to select “ Yes ” .

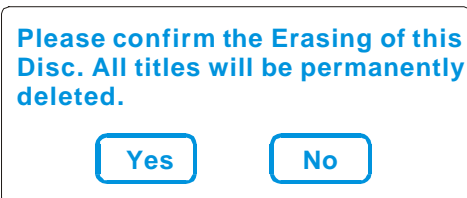
Note : If it is not necessary, select “ No ” and then press ENTER.

3. Press ENTER to start to format, then please wait until formatting is finished.
- “ Disc Operations ” screen returns.

★ Erase Disc (DVD+RW)

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

1. Select “ Erase 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 erase, then please wait until erasing is finished.
- “ Disc Operations ” screen returns.

★ Finalize Disc (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.

- “ Disc Operations ” 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.

★ Rename Disc (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 you make a mistake, select “ Delete ” or “ Clear ” , and press ENTER.

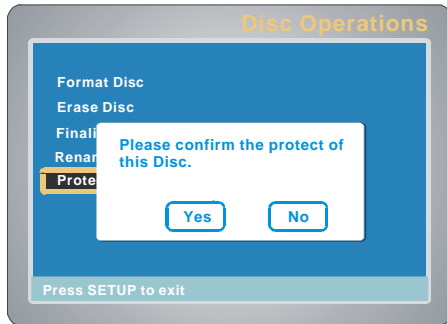
- Delete : Every time ENTER is pressed, the last character of the title name is deleted.
- Clear : ENTER is pressed, the title name is cleared at once.

4. Press ▼ to select “ Done ” , then press ENTER, wait until
“ Rename disc. Please wait....” disappears on the TV screen.
- “ Disc Operations ” screen returns.

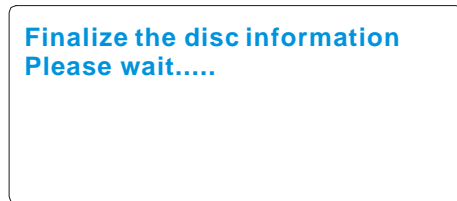
★ Protect Disc (DVD+RW)

You can protect a disc from accidental erasure or editing.

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



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



- “ Disc Operations ” screen returns.
 - “ Protect Disc ” is changed to “ Unprotect Disc ” .
4. Press ◀ , “ Menu ” screen returns.
 5. To exit, press SETUP.

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.

1. Is the power cord firmly plugged into the power outlet?
2. 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.

1. Check that the system is connected securely.
2. The video connecting cord is damaged. Replace it with a new one.
3. Make sure you connect the system to the video input connector on the TV.
4. Make sure you turn on the TV.
5. 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.

1. Clean the disc.
2. 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 DISPLAY" in the SETUP menu when you play a wide picture.

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

There is no sound or only a very low-level sound is heard.

1. Check that the speakers and components are connected securely.
2. Make sure that you have selected the correct source on the system.
3. Press MUTE button on the remote control if the red STANDBY LED on the front panel is turned on.
4. The protective device on the system has been activated because of a short circuit. Turn off the system, eliminate the short-circuit problem and turn on the power again.
5. The audio connecting cord is damaged. Replace it with a new one.

1. The system is in pause mode or in slow-motion play mode, or fast forward or fast reverse is performed. Press PLAY/PAUSE (▶/⏸) to return to normal play mode.
2. Check the speaker settings.

The left and right sounds are unbalanced or reversed.

1. Check that the speakers and components are connected correctly and securely.
2. Adjust front balance parameter using SELECT.

Severe hum or noise is heard.

1. Check that the speakers and components are connected securely.
2. Check that the connecting cords are away from a transformer or motor, and at least 3 meters away from a TV or fluorescent light.
3. Move your TV away from the audio components.
4. The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol.
5. Clean the disc.

The surround effect is difficult to hear when you are playing a Dolby Digital sound track.

1. Check the speaker connections.
2. Depending on the DVD disc, the output signal may at times be monaural or stereo even if the sound track is recorded in Dolby Digital format.

The sound comes from the center speaker only.

1. Depending on the disc at times the sound may come from the center speaker only. This is normal.

No sound is heard from the center speaker.

1. Adjust the center speaker volume.

No sound or only a very low-level sound is heard from the rear speakers.

1. Adjust the rear speaker volume.

The remote does not function.

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

Maintenance

WARNING:

FOR YOUR PERSONAL SAFETY, BE SURE TO DISCONNECT THE AC POWER CORD BEFORE PROCEEDING WITH ANY MAINTENANCE OR CLEANING.

Cleaning the cabinet

Use a clean soft cloth moistened with plain lukewarm water and wrung dry. Never use benzol, benzene or other strong chemical cleaners since these could damage the finish of your unit. It is important that no liquid reaches the inside of the unit.

Specifications

Specification subject to change without prior notice.

Playable discs

DVD+RW
DVD+R
DVD-VIDEO
VIDEO CD
Audio CD (CD-DA)
MP3 CD
Picture CD

Recordable discs

DVD+RW
DVD+R

Video recording format

DVD+RW Video Format

Audio recording format

MPEG Audio

Recording time (DVD+RW, Version 1.2)

HQ: Approx. 60 minutes
SP (Standard mode): Approx. 120 minutes
LP: Approx. 180 minutes
EP: Approx. 240 minutes
EP+: Approx. 360 minutes

TV system

PAL standard system

Tuner channel range

VHF: 2-13
UHF: 14-69
CATV: 1-125

RF converter

Built-in VHF converter

Time indication

24-hour system

Timer

1 year/15-event programmable

Outputs

VIDEO: 1.0 Vp-p (75 .)
S-VIDEO:
Y: 1.0 Vp-p (75 .)
C: 0.286 Vp-p (75 .)
DIGITAL AUDIO:
Optical & Coaxial
AUDIO (L/R):
2 V rms

Inputs

AV1 IN :
VIDEO: 1.0 Vp-p (75 .)
S-VIDEO:
Y: 1.0 Vp-p (75 .)
C: 0.286 Vp-p (75 .)
AUDIO (L/R): 2 V rms
AV2 IN :
VIDEO: 1.0 Vp-p (75 .)
S-VIDEO:
Y: 1.0 Vp-p (75 .)
C: 0.286 Vp-p (75 .)
AUDIO (L/R): 2 V rms

Power requirements

AC: 230V - 50 Hz

Power consumption

28 Watts