

SAFETY INFORMATION

NOTE:

This player can be used only where the power supply is 230V~, 50Hz. It cannot be used elsewhere.

CAUTION:

DVD/CD PLAYER IS A CLASS 1 LASER PRODUCT. HOWEVER THIS DVD/CD PLAYER USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE DVD/CD PLAYER CORRECTLY AS INSTRUCTED.

WHEN THIS DVD/CD PLAYER IS PLUGGED TO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENING OF THE DISC TRAY AND OTHER OPENINGS TO LOOK INTO THE INSIDE OF THIS PLAYER.

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

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF, REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PLAYER TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

**CLASS1
LASER PRODUCT**



(Back of player)

CAUTION -LASER RADIATION WHEN OPEN.
DO NOT STARE INTO BEAM.

ATTENTION -RAYONNEMENT LASER EN CAS D'OUVERTURE.
NE PAS REGARDER DANS LE FAISCEAU.

VORSICHT -LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET.
NICHT IN DEN STRAHL BLICKEN.

ADVARSEL -LASERSTRÅLING VED ÅBNING.
SE IKKE IND I STRÅLEN.

ADVARSEL -LASERSTRÅLING NÅR DEKSEL ÅPNES.
STIRR IKKE INN I STRÅLEN.

VARNING -LASERSTRÅLING NÅR DENNA DEL ÄR ÖPPNAD.
STIRRA EJ IN I STRÅLEN.

VARO! -AVATTAESSA OLET ALTTIINA LASERSÄTEILYLLE.
ÄLÄ TUJOTA SÄTEESEEN.

注意 - 当打开这里会出现激光,
请不要直视激光。

注意 - ここを開くとレーザー光が出ます。
レーザー光をのぞき込まないでください。



(Inside of player)

TABLE OF CONTENTS

1. SAFETY INFORMATION -----	1	12. PLAY DISCS IN VARIOUS WAYS -----	17
2. TABLE OF CONTENTS -----	2	• SELECT LANGUAGE -----	17
3. FEATURES -----	3	• MUTE -----	17
4. ABOUT MANUAL -----	4	• FAST PLAY -----	18
5. PLAYABLE DISCS -----	4	• SLOW PLAY -----	18
6. TERMS FOR DISCS -----	5	• REPEAT PLAY -----	19
7. BEFORE OPERATION -----	6	• SELECT SUBTITLES -----	20
8. PRECAUTIONS FOR DISC -----	6	• SELECT ANGLES -----	21
9. PREPARATIONS BEFORE OPERATION -----	7	• TIME SEARCH AND REMAINING TIME -----	22
• CHECK ACCESSORIES -----	7	• RESUME PLAY -----	23
• USE REMOTE CONTROL -----	7	• ZOOM PLAY -----	24
• FRONT PANEL -----	8	• PROGRAM PLAY -----	24
• DISPLAY -----	9	• SHUFFLE PLAY -----	26
• REAR PANEL -----	9	• DIGEST PLAY -----	26
• NAMES AND LAYOUT OF REMOTE CONTROLS -----	10	13. FUNCTION SETTING -----	27
10. CONNECTIONS -----	11	• DVD MENU SETTING -----	27
11. BASIC OPERATIONS -----	13	14. TROUBLESHOOTING -----	32
• PLAY DISCS -----	13	15. TECHNICAL SPECIFICATION -----	33
• SYSTEM SETTING -----	14		
• PAUSE -----	14		
• OSD -----	14		
• VOLUME CONTROL -----	15		
• DVD MENU PLAY -----	15		
• SELECT WITH NUMBER BUTTONS -----	16		

FEATURES

☐ **OUTSTANDING SOUND QUALITY**

Dolby Digital  system developed by Dolby Laboratories and DTS  developed by DTS Inc., features high quality surround sound, can be played in DVD or CD disc at home, to reproduce high quality sound effects.

☐ **HIGH DEFINITION**

The unit adopts MPEG2 coding format and brings the horizontal resolution over 500 lines.

☐ **UNIQUE FUNCTIONS**

Multi-angle and multi-language bring unique trick functions.

Parent lock makes it easy to control the content of discs.

☐ **SCREEN**

Ordinary screen and wide screen (16:9) are available.

☐ **COMPATIBILITY**

The unit can play DVDs, and is compatible with CDs.

☐ **ZOOM**

It can enlarge pictures twice or four times their size.

☐ **9-PICTURE DIGEST**

It can look through the content of discs and select to play.

☐ **MULTI-FUNCTIONS**

Fast forward, fast reverse, slow play, frame play, repeat play and program play.

☐ **TIME SEARCH**

It can search a specific part on a disc, especially good for watching fiction movies.

☐ **RESUME PLAY**

It can memorize the position where the disc is stopped and resume playback.

☐ **CONTENT DISPLAY**

It adopts (a coloured) fluorescent display and Spanish/English OSD, making the disc content clearer.

☐ **VIDEO OUTPUT**

Standard video, S-video signal output mode and easy system change.



☐ **AUDIO OUTPUT**

Analog audio output and coaxial digital audio output, can be connected with the appropriate amplifier to enjoy high quality sound effects.



ABOUT MANUAL

PRINCIPLES FOR WRITING

- This manual mainly introduces how to use buttons on the remote control.
- You may operate the unit if the buttons on the unit have the same or similar names as or to those on the remote control.
- The marks shown in the chart on the right are used in the manual.

MARK	INDICATION
	functions of DVD
	functions of CD

PLAYABLE DISCS

TYPE	MARK	CONTENT	SIZE	PLAYING TIME
DVD		audio+video (motion pictures)	12cm	about 2hrs (single-side disc) about 8hrs (double-side disc)
			8cm	about 80mins (single-side disc) about 160mins (double-side disc)
			12cm	about 74mins
			8cm	about 20mins
CD		audio	12cm	about 74mins
			8cm	about 20mins

REGION MANAGEMENT INFORMATION

This unit is designed and manufactured to respond to the Region Management information that is recorded on a DVD disc. The region number of this player is "2". If the region number described on the DVD discs does not correspond to the Region number of this player, the player will not play this disc. This player will play DVD discs made for "ALL" regions. Therefore, this player will play DVD discs marked with labels containing the region number "2" or "ALL".



(Region 2)



(Region ALL)

TERMS FOR DISCS

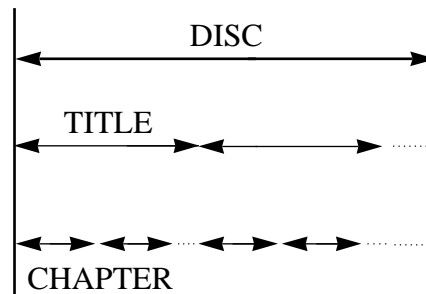
TITLE

The images or music of a DVD are divided into some units, among which title is the biggest one.

When playing a DVD, the movie is the title.

When playing a CD, the combined tracks make up the title.

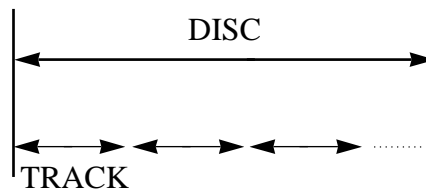
STRUCTURE OF DVD



CHAPTER

It is smaller than title among the units of a DVD. A title is made up of several chapters, and each chapter has a number for search. But some discs may not have numbered chapters.

STRUCTURE OF CD



TRACK

In a CD, each track has a number to enable search functions.

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.

BEFORE OPERATION

SECURITY

- Before operation, check if the voltage of the unit is in line with the local voltage.
- Hold the plug to disconnect it from the mains outlet. Do not pull the power cord.
- When the plug of the unit is connected to the mains outlet, the unit will be still connected to AC even if the power is turned off.
- Disconnect the plug as soon as liquid or objects enter the unit. The unit can not be used until being checked by experts.
- Do not open the cabinet as laser rays employed by the unit may damage eyes. Any servicing should be done by qualified service personnel.

PLACEMENT

- Put the unit where ventilation is good enough to prevent overheating.
- Never put the unit in direct sunlight or near heat sources.
- Put the unit horizontally, never put any heavy object on the unit.
- To protect the pickup, do not put the unit where there is dust. If there is dust on the pickup, use a cleaning disc to clean it. Paying particular attention to the operating instructions of the cleaning disc.

CONDENSATION

Moisture will appear on the pickup lens in the following cases:

- The unit is suddenly moved from a cold place to a warm place.
- The unit is put in a room with a heater, or in cold air from an air-conditioner.
- Using the unit in a humid place. In these cases, the unit can not work. Unload the disc and leave the unit on for about one hour to evaporate the moisture.

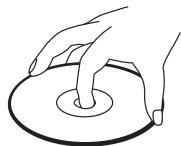
CLEANING

- Use a soft cloth with a little neutral detergent to wipe the cabinet, panel and controls. Never use abrasive paper, polishing powder, solvent like alcohol or gasoline.

PRECAUTIONS FOR DISC

HANDLING DISC

- To keep the disc clean, do not touch the playsides of the disc.
- Do not attach paper or tape to the disc.

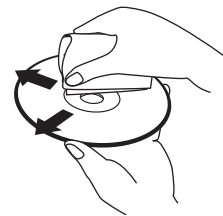


- Keep the disc away from direct sunlight or heat sources.
- Store the disc in a disc case after playback.

• 6 •

CLEANING DISC

- Before playback, wipe the disc outwards from the centre with clean cloth.



- Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray.

PREPARATIONS BEFORE OPERATION

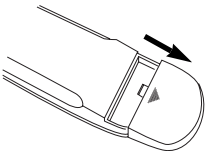
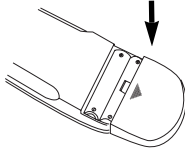
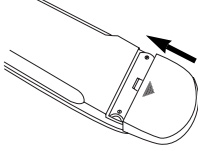
This part introduces the work to be done before operating the unit.

CHECK ACCESSORIES

Check if you have all the accessories after the carton is opened.

- Audio cord 1 (4-terminal)
- Video cord 1 (2-terminal)
- Remote control 1
- AAA batteries 2
- Owner's manual 1

USE REMOTE CONTROL

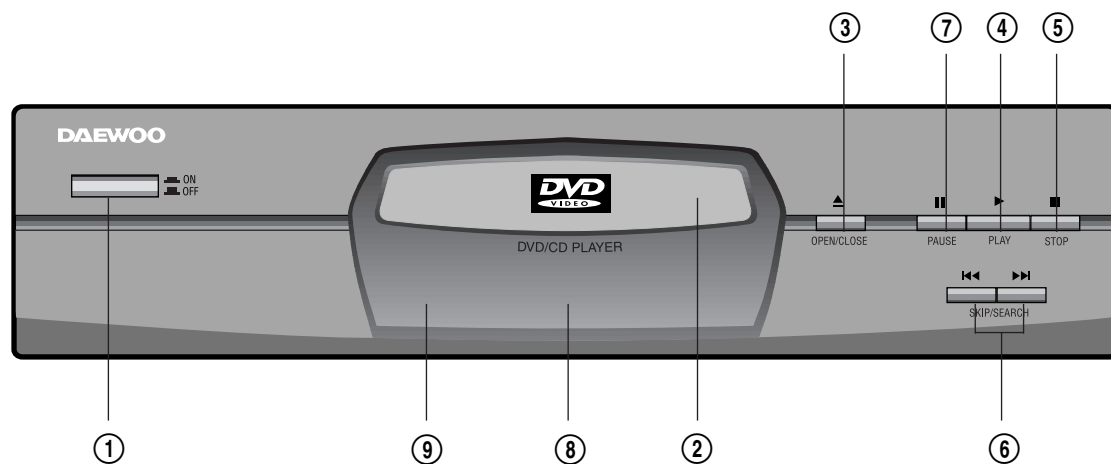
1. Open the battery compartment.	2. Insert two AAA batteries, make sure to match "+" and "-" of the batteries to the marks in the battery compartment.	3. Close the battery compartment.	4. Point the remote control at the remote sensor. It will operate up to a range of 7 metres and an angle of 30° either side of the remote sensor on the front of the player.
			

Notes:

1. Batteries can generally last for about 6 months. Change the batteries if the remote control does not work, or the operating range reduces.
2. If the remote control is not used for a long time, remove the batteries to prevent battery leakage.

PREPARATIONS BEFORE OPERATION (Continued)

FRONT PANEL



① POWER

② DISC TRAY

③ OPEN/CLOSE

④ PLAY

⑤ STOP

⑥ SKIP/SEARCH

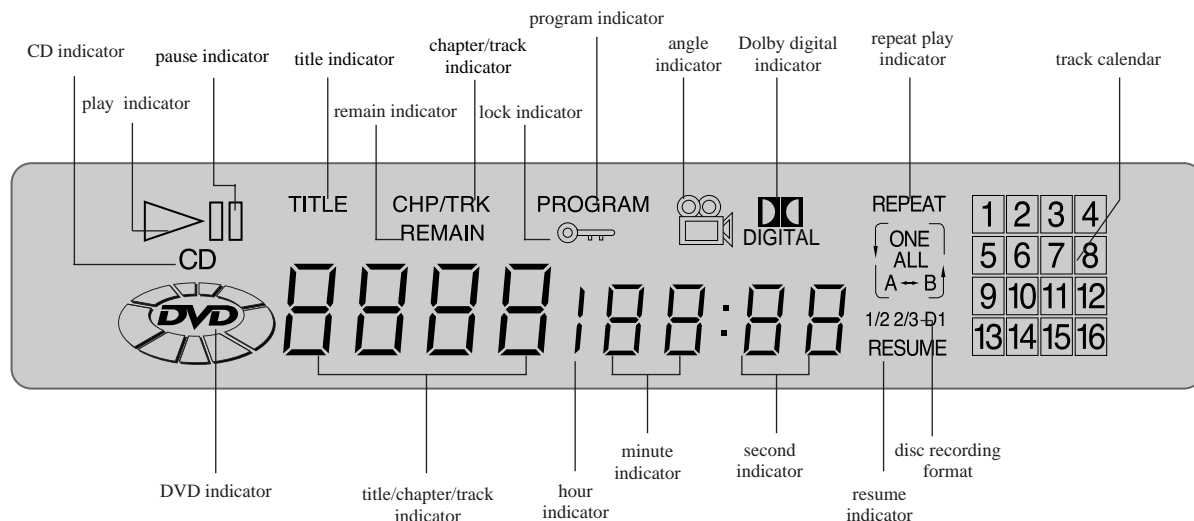
⑦ PAUSE

⑧ DISPLAY

⑨ REMOTE SENSOR

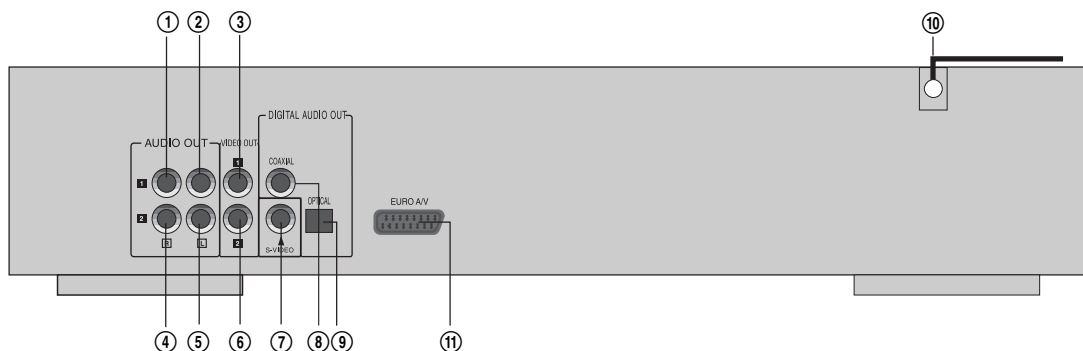
PREPARATIONS BEFORE OPERATION (Continued)

DISPLAY



Press **[DIMMER]**, the brightness of the display is reduced by half; press it once more, the display becomes dark. Press the button again, the display resumes brightness.

REAR PANEL

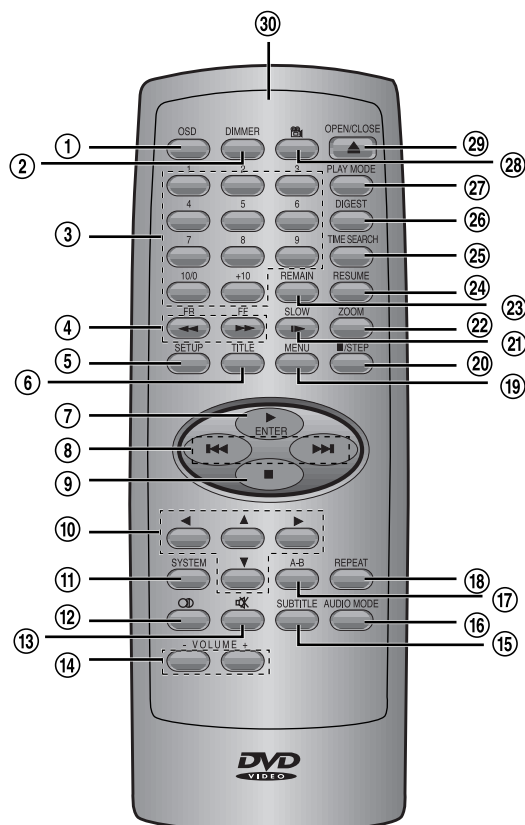


- ① AUDIO OUT1 R
- ② AUDIO OUT1 L
- ③ VIDEO OUT1
- ④ AUDIO OUT2 R
- ⑤ AUDIO OUT2 L

- ⑥ VIDEO OUT2
- ⑦ S-VIDEO
- ⑧ COAXIAL
- ⑨ OPTICAL
- ⑩ POWER SUPPLY CORD
- ⑪ EURO AV JACK

PREPARATIONS BEFORE OPERATION (Continued)

NAMES AND LAYOUT OF REMOTE CONTROLS



- ① OSD
- ② DIMMER
- ③ NUMBER BUTTONS
- ④ FF/FR
- ⑤ SET UP
- ⑥ TITLE
- ⑦ PLAY/ENTER
- ⑧ PREV/NEXT (SKIP/SEARCH)
- ⑨ STOP
- ⑩ DIRECTIONS
- ⑪ SYSTEM
- ⑫ LANGUAGE
- ⑬ MUTE
- ⑭ VOLUME (-/+)
- ⑮ SUBTITLE
- ⑯ AUDIO MODE
- ⑰ A-B REPEAT
- ⑱ REPEAT
- ⑲ MENU
- ⑳ PAUSE/STEP
- ㉑ SLOW PLAY
- ㉒ ZOOM
- ㉓ REMAIN
- ㉔ RESUME
- ㉕ TIME SEARCH
- ㉖ DIGEST
- ㉗ PLAY MODE
- ㉘ ANGLE
- ㉙ OPEN/CLOSE
- ㉚ REMOTE TRANSMITTER

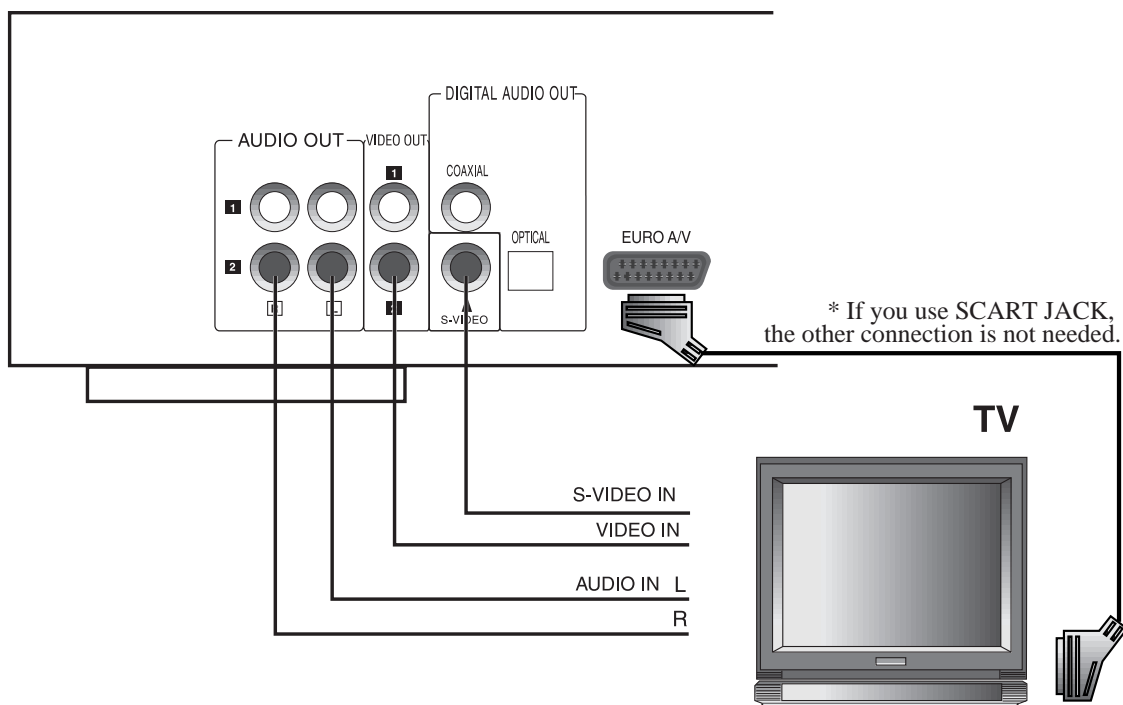
CONNECTIONS

Turn off all equipment before operation.

The unit has many kinds of output modes like A/V output, S-VIDEO output and digital signal output (OPTICAL, COAXIAL). You may select as you need.

CONNECTED TO A TV

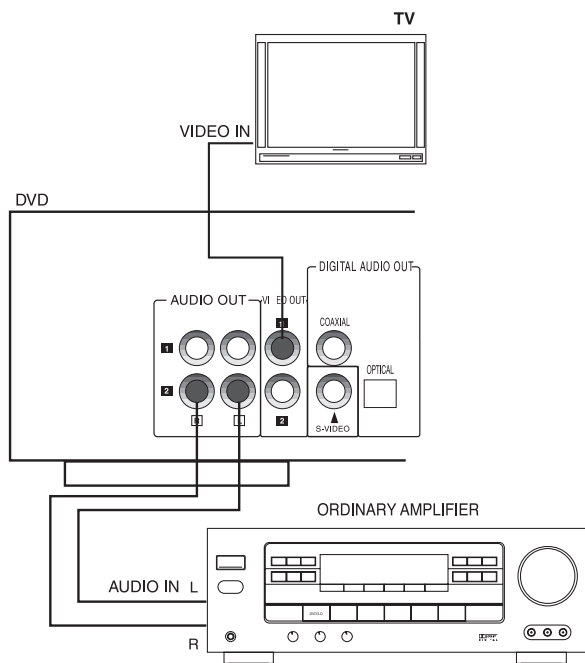
DVD



1. If the TV has S -VIDEO input, please connect the unit and the TV with S-video cord (not supplied). You do not have to utilise S-VIDEO but it will give clearer images.
NB : Ensure general setup part of the menu, has Scart format set to YC signal.
2. Set the unit. You have to set the unit according to the TV connected to it.
 - If the system of the TV is PAL, press **[SYSTEM]** and select PAL.
 - If the system of the TV is NTSC, press **[SYSTEM]** and select NTSC.
 - If the system of the TV is AUTO (multi-system), press **[SYSTEM]** and select AUTO.
 - Connect the unit to a wide-screen TV.
Set the "TV DISPLAY" to "16:9 WIDE " in the function setting column.
 - Connect the unit to an ordinary TV.
Set the "TV DISPLAY" to "4:3/PS" (Pan scan) or "4:3/LB" (Letter box) in the function setting column.

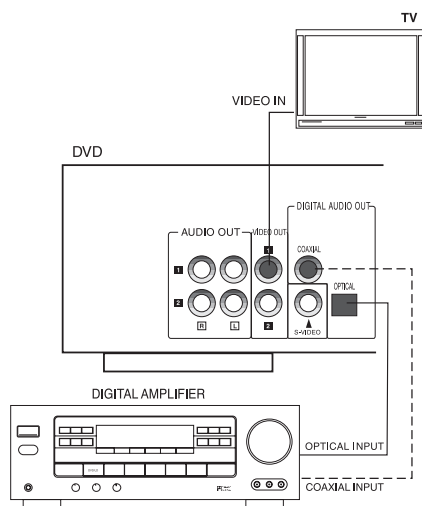
CONNECTIONS (Continued)

CONNECT TO AN ORDINARY AMPLIFIER



- There is no sound output from the port when a DTS disc is played.
- Refer to page 29 for the setting.

CONNECT TO AN AMPLIFIER WITH DIGITAL SIGNAL INPUT



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"DTS" and "DTS Digital Out" are trademarks of Digital Theatre Systems, Inc.

- Optical or coaxial can be selected at your option while connecting
- If you have a DTS decoder or processor, you can enjoy DVD disc or CD sound decoded by 5.1 channel DTS. ie : 5 surround speakers + 1 woofer
- Refer to page 29 for the setting.

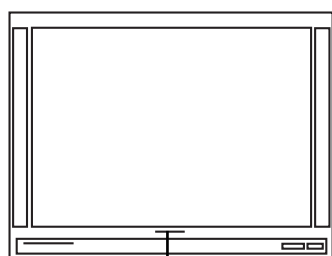
BASIC OPERATIONS

PLAY DISCS

TV/AUDIO SELECTION

Press  on the TV and audio system.

1. Press "TV/VIDEO" on the TV, select VIDEO mode (TV).



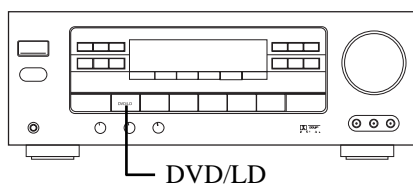
TV/VIDEO

- Select S-VIDEO mode if using an 'S' Video connection.

2. Select the right audio input on the amplifier.


- Each amplifier is different from another, please refer to the manual of the amplifier.

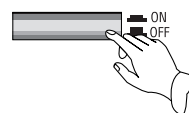
(e.g., connect the audio output of the DVD player to the DVD audio input of an amplifier.)




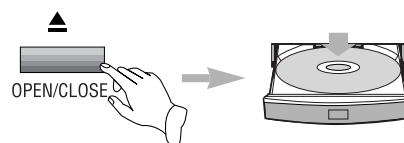
DVD/LD


Notes: This step can be cancelled if you do not connect it to the amplifier.

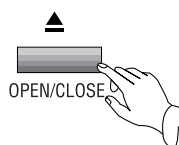
1. Press  to turn on the unit.



2. Press  to open the disc tray and load a disc with the label side.

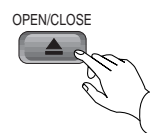


3. Press  again to close the disc tray. The unit begins to read the disc.




- FRONT PANEL -

or



- REMOTE CONTROL -


4. Press  to play the disc.

AFTER STEP4 IS FINISHED:

- **PLAY DVD**

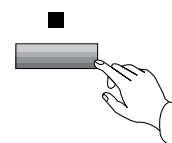
The TV screen shows the DVD menu and title menu.

- **PLAY CD**

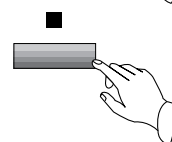
Press , the unit plays the disc according to the track numbers.



5. Stop playback.

Press .



- You have to press this button twice to stop the playback of a DVD.



6. Unload the disc and turn off the unit. Press  and  again

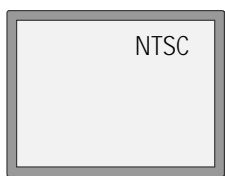
BASIC OPERATIONS (Continued)

SYSTEM SETTING

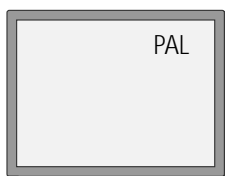
According to the system of the TV to be connected, set the system of the unit to make it match the TV.



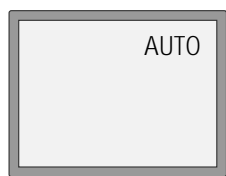
1. If the system of the TV is NTSC
: Press **SYSTEM**, select NTSC.
The screen shows:



2. If the system of the TV is PAL
: Press **SYSTEM**, select PAL.
The screen shows:



3. If the TV is multi-system
: Press **SYSTEM**, select AUTO.
The screen shows:



PAUSE

Press **II/STEP**.



• WHEN PLAYING DVD PICTURES

Press **II/STEP** to make the playback pause. Pressing **II/STEP** again moves the picture forward frame by frame.



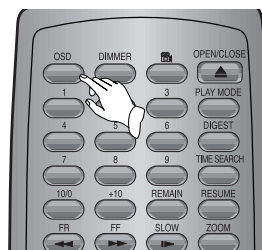
• WHEN PLAYING MUSIC CD

Press **II/STEP** to make the playback pause.

Press **ENTER** to resume playback.

OSD

Press **OSD**, when the unit is operated, the TV screen shows the operation functions and information about the disc.



- Remove the OSD, press **OSD** twice.

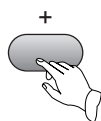
BASIC OPERATIONS (Continued)

VOLUME CONTROL

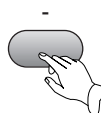
- Press **VOLUME** on the TV or amplifier to adjust the volume.
- Press **VOLUME** on the remote control.



1. Press + to raise the volume.



2. Press - to lower the volume.



DVD MENU PLAY



Some DVDs have title menus and chapter menus.

1. Press **MENU** or **TITLE**, the screen shows the menu.
Use direction buttons to select the desired item, then press **ENTER**.

2. Press **TITLE** once to return to the title menu; press it again to return to the current playback.

Press **MENU** once to return to the root menu; press it again to return to the current playback.

Notes:

- When  appears on the TV screen whilst pressing **TITLE**. The disc does not have the title list in the menu.
- When  appears on the TV screen whilst pressing **MENU**. The disc does not have the menu.

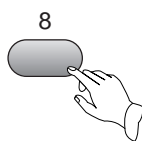
BASIC OPERATIONS (Continued)

SELECT WITH NUMBER BUTTONS (IN CASE OF CD)

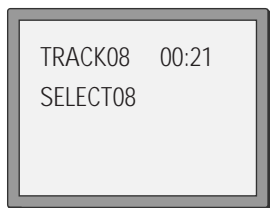
Load a disc. Press number buttons to select tracks after the unit finishes reading the disc.

1. If the track number is less than 10, just press buttons 1-10.

Example: press 8 to select track 8.



The screen shows:

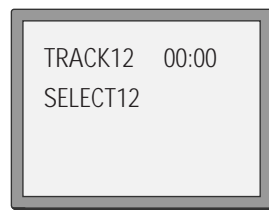


2. If the track number is over 10, press + 10 once and a button among 1-10.

Example: if you select track 12, press + 10 once and button 2.



The screen shows:

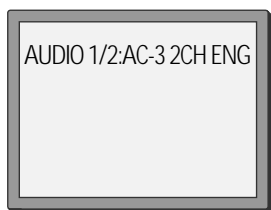




PLAY DISCS IN VARIOUS WAYS

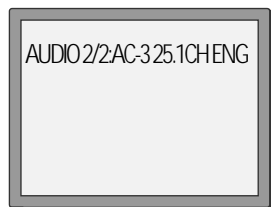
SELECT LANGUAGE

WHEN PLAYING DVD

Press , the screen shows as below.



Press  again. 




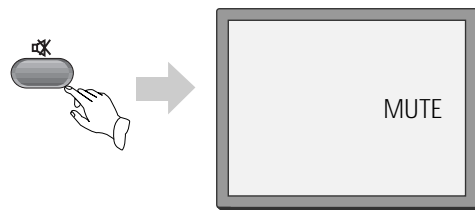
Different discs differ in languages.

MUTE

When playing a disc, this function can remove the sound.

1. REMOVE SOUND

Press , the screen shows "MUTE".



2. RESUME SOUND

Press  again.

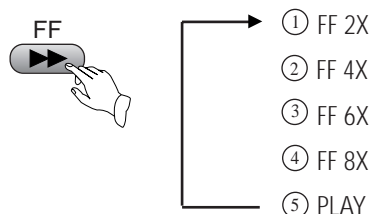
PLAY DISCS IN VARIOUS WAYS (Continued)

FAST PLAY

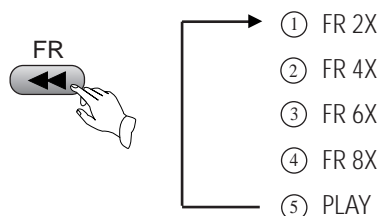
When playing a disc, you may play it in Cue or Review mode to find what you want.

WHEN PLAYING DVD

1. Press **FF** to play forward fast. (Cue)
Each time you press the button, the screen shows in order:



2. Press **FR** to reverse the disc fast. (Review)
Each time you press the button, the screen shows in order:



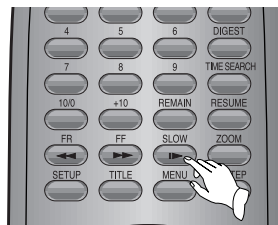
3. Press **ENTER** to switch back to normal play.

WHEN PLAYING CD

1. Press **FF** to play forward fast.
2. Press **FR** to reverse the disc.
3. Release **FF** (or **FR**) to play normally.

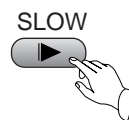
SLOW PLAY

Enjoy slow motions by the following steps.

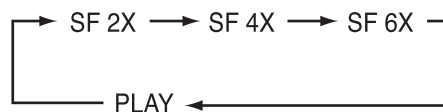


WHEN PLAYING DVD

1. Press **SLOW** to play slowly.



The screen shows in order:

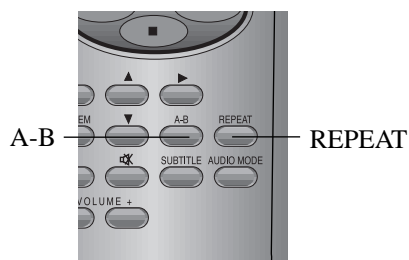


2. Press **ENTER** to play normally.

PLAY DISCS IN VARIOUS WAYS (Continued)

REPEAT PLAY

This function can be used to repeatedly play a title, chapter, track, disc or some parts on a disc.



3. Remove "REPEAT" function.
Press **REPEAT**, to remove the display on the screen.

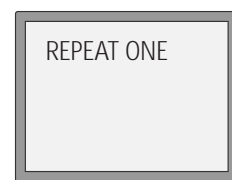
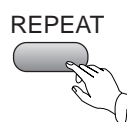
► CHAPTER REPEAT → TITLE REPEAT → OFF

■ CD

You may repeat a track.

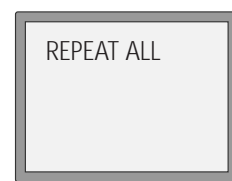
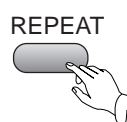
1. Repeat one track

Press **REPEAT**, the screen shows:
"REPEAT ONE".



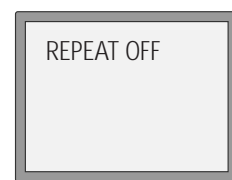
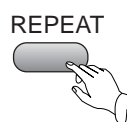
2. Repeat a CD

Press **REPEAT**, the screen shows:
"REPEAT ALL".



3. Remove "REPEAT" function

Press **REPEAT**, to remove the display on the screen



► REPEAT ONE → REPEAT ALL → REPEAT OFF

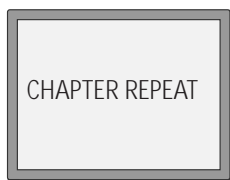
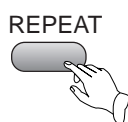
PLAYING A DISC REPEATEDLY

■ DVD

You may repeat a title or chapter.

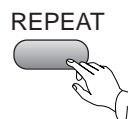
1. Repeat a chapter.

Press **REPEAT**, the screen shows:
"CHAPTER REPEAT".



2. Repeat a title

Press **REPEAT**, the screen shows:
"TITLE REPEAT"



PLAY DISCS IN VARIOUS WAYS (Continued)

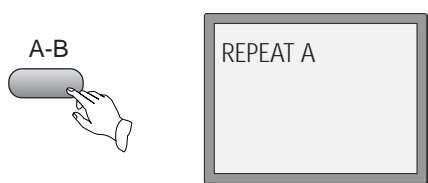
REPEAT SOME PARTS

You may press **[A-B]** to enjoy some parts repeatedly when playing a disc.

■ PLAY DVD

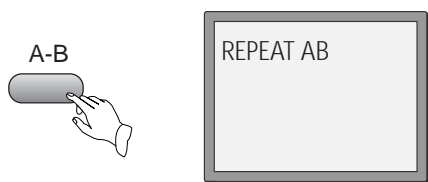
1. Set a starting point A.

The screen shows:



2. Set an end point B.

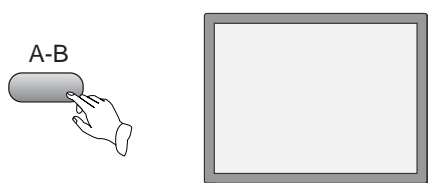
The screen shows:



Afterwards, the unit plays from A to B.

3. Remove A-B repeat

The screen shows:

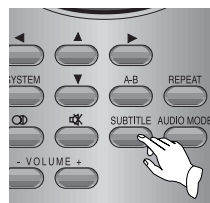


■ PLAY CD

1. Press **[A-B]** at the beginning of the required part until the screen shows "REPEAT A", set starting point A.
2. Press **[A-B]** at the end of the required part until the screen shows "REPEAT AB", set end point B. The CD will now play from A to B.
3. Press **[A-B]** again, repeat play is removed.

SELECT SUBTITLES

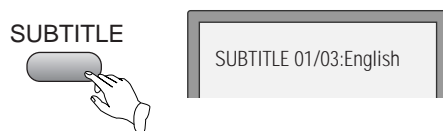
When playing a multi-subtitle DVD, you may select one subtitle to show it on the screen.



■ WHEN PLAYING DVD

1. Press **[SUBTITLE]** to select one.

The screen shows:



2. Remove the subtitle.

Press **[SUBTITLE]** until the screen shows "SUBTITLE OFF".

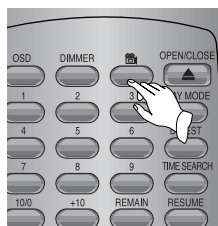
Notes:

- For some discs, subtitles can not be removed.
- Different discs differ in the languages of subtitles.
- If the subtitles of discs can not be selected, press **[SUBTITLE]**, the screen shows "NO SUBTITLE".

PLAY DISCS IN VARIOUS WAYS (Continued)


SELECT ANGLES

Some discs have images with different screen angles, you may select among them. For example, when you watch a running train, you may select to watch it from the front, the left window or the right window without stopping it.

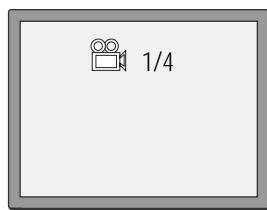


Example:

A DVD has four screen angles at your option.

1. Press  to select ANGLE1.

SCREEN




2. Press  to select other angles, the screen shows respectively:

 2/4 (select ANGLE2)

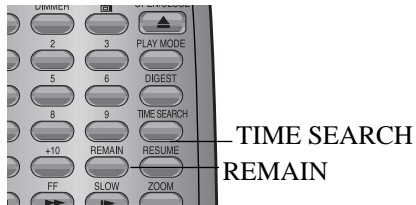
 3/4 (select ANGLE3)

 4/4 (select ANGLE4)

3. Resume normal playback. Press  until there is no display on the screen.

PLAY DISCS IN VARIOUS WAYS (Continued)

TIME SEARCH AND REMAINING TIME



TIME SEARCH

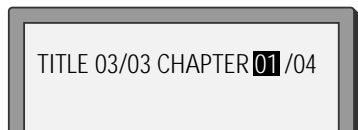
You may directly enter a time, title or chapter number to search fast on a disc, the unit plays from the point entered.

■ PLAY DVD

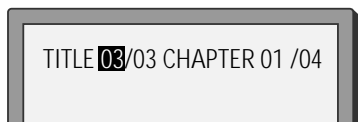
1. Search a title or a chapter.

Example: Search chapter 2 in title 2.

- Press **TIME SEARCH**, the screen shows:



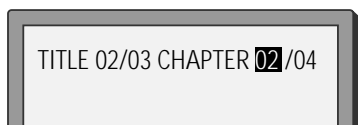
- Press the left or right button and move the cursor to illuminate the title number. The screen shows:



- Press button 2 to select title 2, the screen shows:

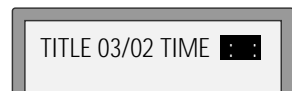


- Repeat the steps above, select chapter 2 in title 2.



2. Time search

- Press **TIME SEARCH** until the screen shows:



- Press number buttons to enter hour, minute and second.

Example: Enter 0,1,0,2,3,8

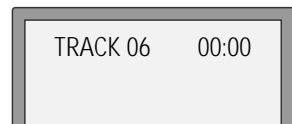
After setting, the disc is played from 01:02:38.

■ PLAY CD

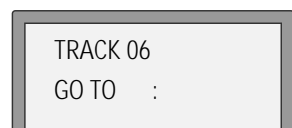
You can only enter a time to search the content from that time.

Example: Play from 00:01:38 of track 6.

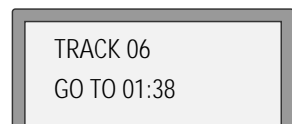
1. Press button 6 to select track 6. The screen shows:



2. Press **TIME SEARCH**, the screen shows:



3. Press button 0,1,3,8 to enter the time. The screen shows:



- The unit plays from 01:38 of track 6 after setting.
- Press **10/0** to enter 0.

PLAY DISCS IN VARIOUS WAYS (Continued)

REMAINING TIME

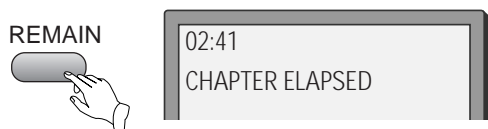
This function can be used to know the remaining time of a title, chapter or track.

■ DVD

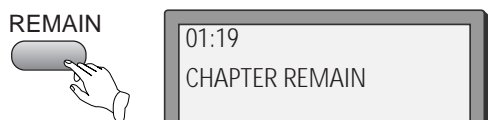
1. Press **REMAIN**, the screen shows the remaining time of the title.



2. Press **REMAIN**, the screen shows the playing time of the chapter.



3. Press **REMAIN**, the screen shows the remaining time of the chapter.



4. Press **REMAIN**, the screen shows:



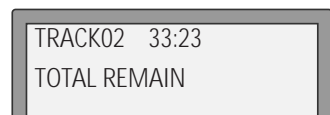
■ CD

Example: Check the remaining time when playing track 2.

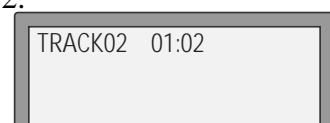
1. Press **REMAIN**, the screen shows the remaining time of the track.



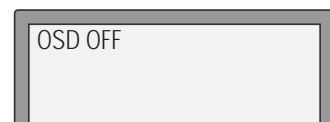
2. Press **REMAIN** again, the screen shows the remaining time of the disc.



3. Press **REMAIN** once more, the screen shows the playing time into track 2.



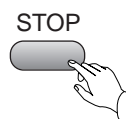
4. Press **REMAIN** once more, the screen shows:



RESUME PLAY

The unit can memorize the last point where it stops and resume playback from there.

1. Press **STOP** to stop playing.



2. Press **RESUME** to resume playback.



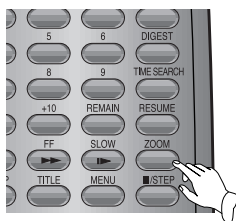
Notes:

1. This function does not work for any programmed playback.
2. This function is removed when the disc is unloaded or the unit is off.

PLAY DISCS IN VARIOUS WAYS (Continued)

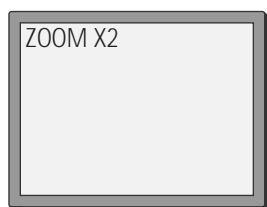
ZOOM PLAY

This function can be used to enjoy a motion or motionless picture.



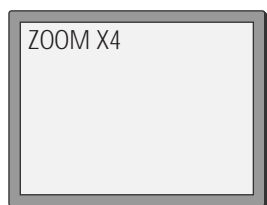
• DVD

1. Press **ZOOM** when playing a DVD, the screen shows:



The picture is enlarged twice as big.

2. Press **ZOOM** again. the screen shows:



The picture is enlarged four times as big.

3. Press **◀, ▲, ▼, ▶** to move the enlarged picture.
4. To resume the picture, press **ZOOM** once more, then screen shows "ZOOM OFF".

PROGRAM PLAY

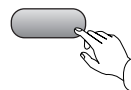
You may program the tracks on a disc and play them in the programmed order.



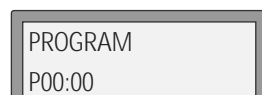
• WHEN PLAYING DVD

1. After the unit stops, press **PLAY MODE** to select.

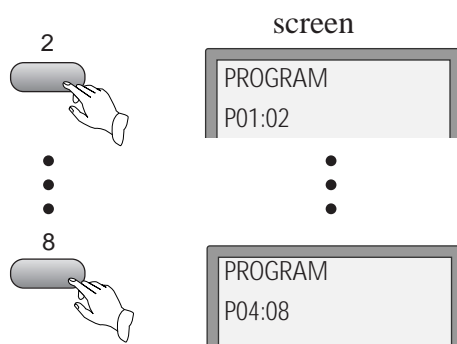
PLAY MODE



The screen shows:



2. Press number buttons in order, according to the titles (or chapters) to be programmed. Example: Press 2, 4, 6, 8.



Notes:

P * * : * *
 ————— title (chapter) number
 ————— program order

3. Press **ENTER** to start playing.

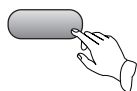
4. Press **■** to remove program play.

PLAY DISCS IN VARIOUS WAYS (Continued)

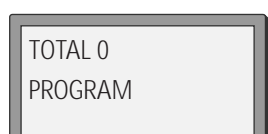
• WHEN PLAYING CD

1. After the unit stops, press **PLAY MODE** to select.

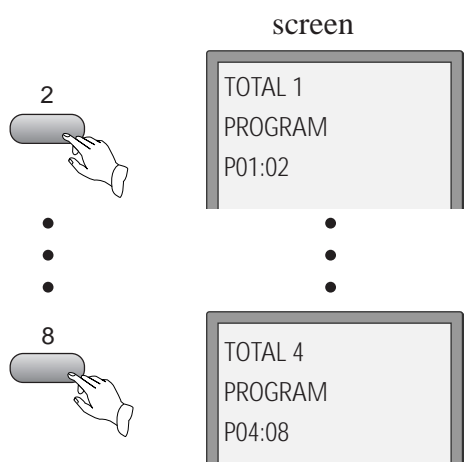
PLAY MODE



The screen shows:



2. Press number buttons in order, according to the track to be programmed.
Example: Press 2, 4, 6, 8.



Notes:

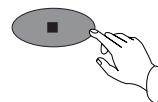
P * * : * *
 ————— track number
 ————— program order

3. Press **ENTER** to start playing.
4. Press **STOP** twice to remove program play.

SHUFFLE PLAY

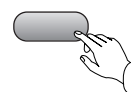
The unit can play by random orders.
The order is different each time.

1. Press **STOP** to stop playing.
You need to press **STOP** once more.



2. Press **PLAY MODE** twice to select a random order.

PLAY MODE



The screen shows:



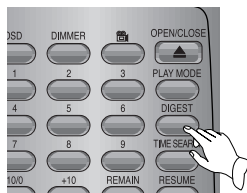
The screen shows "SHUFFLE".

3. Press **ENTER** to start shuffle play. The unit selects a track to play.
4. Remove shuffle play.
 - Press **STOP**.
 - Then press **PLAY MODE** until the screen shows "CONTINUE".

PLAY DISCS IN VARIOUS WAYS (Continued)

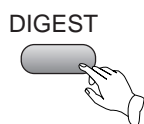
DIGEST PLAY

This function can be used to look through the content of the track or a disc.



• PLAYING DVD

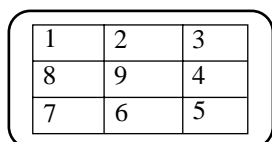
1. Press **DIGEST** after the unit stops.



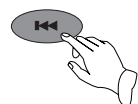
The screen shows:



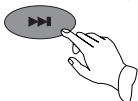
The unit begins to look through the titles (or chapters), and shows the starting picture of each title (or chapter) on the screen.



2. Press **◀◀**, **▶▶** to look at the previous or next picture.



PREVIOUS PAGE



NEXT PAGE

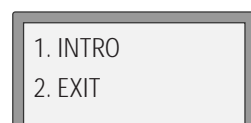
3. To remove digest, press **■** twice.

• PLAYING CD

1. Press **DIGEST** after the unit stops.

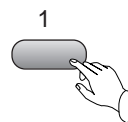


The screen shows:



2. Press number buttons to select a digest mode.

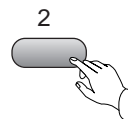
Press button 1 for intro mode.



The unit plays the first 15 seconds of each track one after another.

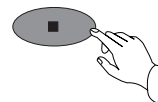
Press **◀◀**, **▶▶** to play the first 15 seconds at the previous or next track.

Press button 2 to exit from digest play.



3. Remove digest play.

Press **■**, digest play is removed and the unit stops.

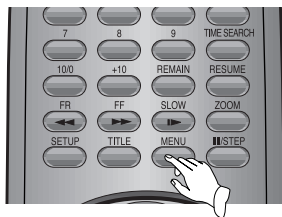


Notes : A CD only has "INTRO" function.

FUNCTION SETTING

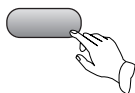
DVD MENU SETTING

According to the recorded information and external equipment, set the following functions for DVD to obtain the best playing status.

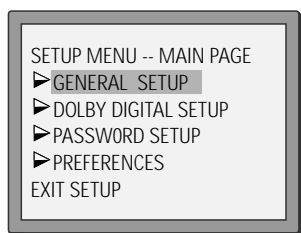


1. Press **SETUP** to set the main menu.

SETUP



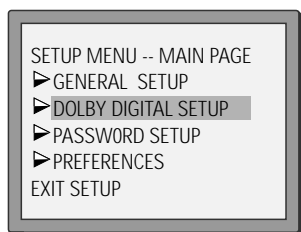
The screen shows:



2. Press direction buttons (▲, ▼) and press **ENTER** to confirm.

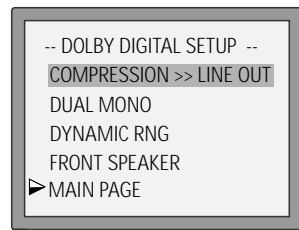
Example: Select "DOLBY DIGITAL SETUP"

- Press direction button ▼ to select. The screen shows:



- Press **ENTER** to confirm and enter "DOLBY DIGITAL SETUP".

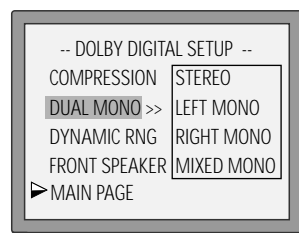
The screen shows:



After entering the menu, the unit automatically selects a column.

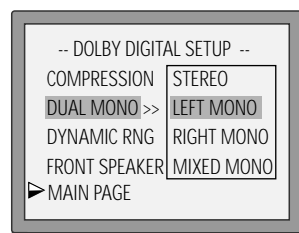
- Press the direction button ▼ to select "DUAL MONO".

The screen shows:



Press direction button ►, ▼ to select "LEFT MONO"

The screen shows:




- Press **ENTER** to confirm.



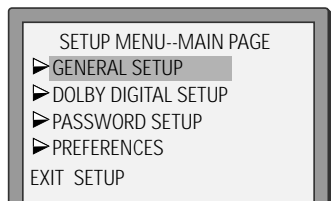
Set "DUAL MONO" in "DOLBY DIGITAL SETUP" to "LEFT MONO".

FUNCTION SETTING (Continued)

3.Exit from menus.

Using direction buttons go to
“►MAIN PAGE” menu,
then press .

The screen shows.



- To select “GENERAL SETUP” menu,
press ▲, then press .

GENERAL SETUP

The setting structure is as follows:

TV DISPLAY	>> 4:3 / PS 4:3 / LB 16:9 WIDE
SCART FORMAT	>> RGB OUTPUT YC SIGNAL COMPOSITE
TV TYPE	>> PAL AUTO NTSC
ANGLE MARK	>> ON OFF
OSD LANGUAGE	>> ENGLISH SPANISH
SPDIF OUTPUT	>> SPDIF OFF SPDIF/RAW SPDIF/PCM
CAPTIONS	>> ON OFF
SCREEN SAVER	>> ON OFF
MAIN PAGE	

■ TV DISPLAY

1. 4:3/PS

This is selected when the unit is
connected with a normal TV.
Wide-screen images are shown on the
screen, but with some parts cut
automatically.

• 28 •



2. 4:3/LB (LETTER BOX)

This is selected when the unit is
connected with a normal TV. Wide-
screen images are shown on the screen,
with black belt on the top and bottom.



3. 16:9 WIDE

This is selected when the unit is
connected with a wide-screen TV.



■ SCART FORMAT

Achieving the clearer and higher definition
picture than the normal composite output can
be done by selecting RGB. If you want to see
the picture in RGB, choose RGB and connect
to the TV set using SCART connector. To
make correct connection, refer to connections
page for connection to a TV. (If you want to
see the picture in S-Video, choose YC Signal
and connect to the TV set using S-Video cord.)

■ TV TYPE

You may select according to the colour
system of the TV to be connected.

- Select "PAL" for a PAL TV.
- Select "AUTO" for a multi-system TV.
- Select "NTSC" for a NTSC TV.

■ ANGLE MARK

This only works when there is an angle
mark on the disc.

- Select "ON", the screen shows the mark
when playing a DVD.
- Select "OFF", the mark is not shown.

FUNCTION SETTING (Continued)

■ OSD LANGUAGE

- ENGLISH

The OSD is in English.

- SPANISH

The OSD is in Spanish.

■ SPDIF OUTPUT

- SPDIF/OFF: No signal is output from the coaxial or optical port.
- SPDIF/RAW: Select this when the DVD player is connected with a power amplifier through optical or coaxial port, refer to page 12. When a Dolby Digital DVD, DTS DVD or MPEG DVD is played, the coaxial or optical port will output in the corresponding digital(Source code) format. The power amplifier to be connected must have Dolby Digital, DTS and MPEG decoding.
- SPDIF/PCM: Select this when the DVD player is connected with a 2-channel digital mode or stereo amplifier (refer to page 12 for the connection). When a Dolby Digital or MPEG DVD is played, the optical or coaxial port will output in PCM 2-channel format.

■ CAPTIONS

- ON

The hidden subtitle is shown.

- OFF

The hidden subtitle is turned off.

■ SCREEN SAVER

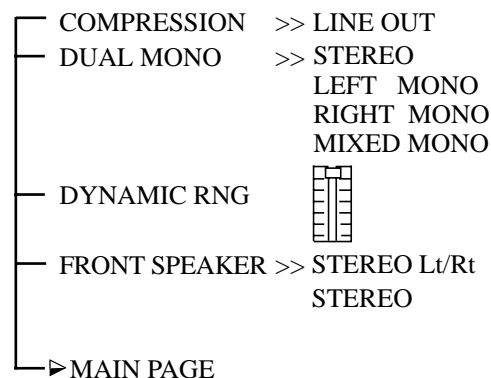
Start the screen saver, the screen saver image appears when the unit stops or the image is frozen for a few minutes. This saver can keep the screen from being damaged.

- ON: Start the screen saver.
- OFF: Remove the screen saver.

DOLBY DIGITAL SETUP

The setting structure is :

-- DOLBY DIGITAL SETUP PAGE --



■ COMPRESSION

- LINE OUT: Compress input signals linearly.

■ DUAL MONO

There is the output mode of the L and R signals of the set audio output. If it is set to "MIXED MONO", the function only works when the DVD being played is 5.1-channel.

■ DYNAMIC RNG (RANGE)

When the compression mode is set to "LINE OUT", this is selected to adjust linear compression rate to obtain the different compression results of the signals.

■ FRONT SPEAKER

- STEREO Lt/Rt
Select this when you play a disc with Dolby Pro Logic stereo, the disc signals can be decoded by the unit and reproduce realistic theatre effects in your room.
- STEREO
Select this, the audio output is ordinary stereo signals.

FUNCTION SETTING (Continued)

PASSWORD SETUP

The setting structure is :

- -PASSWORD SETUP - -

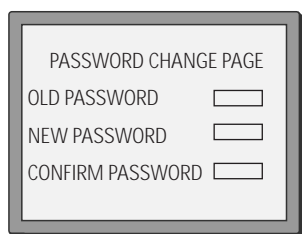
└─ PASSWORD >> CHANGE
└─ PASSWORD MODE >> ON
 OFF

■ PASSWORD MODE

- ON: The password works, "PREFERENCES" is dim and can not be selected.
- OFF: The password does not work, "PREFERENCES" can be selected.

■ PASSWORD CHANGE

Select this to adapt the code, the screen shows:



Enter a password according to the screen.

Notes:

The password is 99999 when the unit is turned on initially or you forget the password.

PREFERENCES

The setting structure is :

└─ AUDIO >> ENGLISH
 FRENCH
 SPANISH
 CHINESE
 JAPANESE
 ITALIAN
 RUSSIAN
 KOREAN
 GERMAN
 DUTCH
└─ SUBTITLE >> ENGLISH
 FRENCH
 SPANISH
 CHINESE
 JAPANESE
 ITALIAN
 RUSSIAN
 KOREAN
 GERMAN
 DUTCH
 OFF
└─ DISC MENU >> ENGLISH
 CHINESE
 FRENCH
 SPANISH
 JAPANESE
└─ PARENTAL >> 1. KID SAFE
 2. G
 3. PG
 4. PG 13
 5.
 6. PG-R
 7. NC-17
 8. ADULT
└─ DEFAULTS >> RESET

Notes:

To enter into the preference setting mode, press the STOP key twice.

FUNCTION SETTING (Continued)

■ SELECT LANGUAGE


If a language mentioned above is recorded on the disc, you can select audio, subtitle or disc menu languages. If not, the language recorded on the disc is shown.

■ PARENTAL

The content of a disc with lock function is evaluated by grades.

You may select an age control grade as you need.

Example: Select "KID SAFE", the scenes of violence inadvisable are not played to children.

For adults, the screen suggests you enter the code after pressing , you can watch if the code is right.

Notes: The code is set by yourself

■ DEFAULTS >> RESET

Each function setting returns to the initial status in the factory if you select this.

TROUBLESHOOTING

If you experience the following problems while using the unit, this troubleshooting guide can help you.

No sound

- Check if the unit is properly connected.
- Make sure you operate the TV or amplifier correctly.
- Make sure you have selected DVD player position on the amplifier.

No image

- Check if the unit is properly connected.
- Make sure you operate the TV correctly.
- Make sure you set the colour system correctly.

Bad sound quality

- Make sure the audio output mode is set correctly.
- Make sure the audio connection between the unit and amplifier is right.

Image rolls and no colour

- The colour system set by this unit does not match with that of TV. Press **SYSTEM** on the remote control to select the correct one.

Disc can not be played

- There is no disc in the unit.
- Insert the disc on the disc tray properly with the label side up.
- Clean the disc.
- Moisture has condensed in the unit. Remove the disc and leave the unit on for about one hour.

Remote control does not work

- Remove barriers between the remote control and the unit.
- Point the remote control at the remote control sensor of the unit.
- Replace the batteries with new ones.
- Reference page 7.

TECHNICAL SPECIFICATIONS

Laser		wavelength 650nm
Video system		NTSC /PAL/AUTO
Frequency response		20Hz ~ 20KHz
Signal/noise ratio		$\geq 85\text{dB}$
Audio distortion + noise		$\leq -80\text{dB}$ (1KHz)
Channel separation		$\geq 90\text{dB}$ (1KHz)
Dynamic range		$\leq 85\text{dB}$ (1KHz)
Output	Audio out (analog audio)	output level : 2V Load impedance : $10\text{K}\Omega$
	Audio out (digital audio)	output level : 0.5Vp-p Load impedance : 75Ω
	Video out	output level : 1Vp-p Load impedance : 75Ω , imbalance, negative polarity
	S-video out	output level : brightness (Y) 1Vp - p chromaticity (C) 0.286Vp-p Load impedance : 75Ω
Power supply		230V~, 50Hz
Power consumption		<20W
Dimensions		435 x 90 x 280 mm
Weight		Around 4Kgs

OWNER'S MANUAL

DS-2000D



DAEWOO GUARANTEE CONDITIONS

This product is guaranteed for 12 months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will be repaired free of charge during this period by the dealer from whom you purchased the unit. The guarantee is subject to the following provisions.

The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items such as bulbs etc.

The product must be correctly installed and operated in accordance with the instructions contained in the manual. It must be used solely for domestic purposes and within the boundaries of the United Kingdom.

The guarantee will be rendered invalid if the product is resold or has been damaged by inexperienced repair.

DAEWOO disclaims any liability for incidental or consequential damages.

The guarantee is in addition to and does not diminish your statutory or legal rights.

In the event of a breakdown please refer to your instruction manual and check all plugs, fuses and electricity supply.

Before requesting service please check the trouble shooting guide in the instruction book as visits where there is no fault found with the product could incur a charge even though the product is under guarantee.

AFFIX
STAMP
HERE

DAEWOO GUARANTEE DEPARTMENT

Leicester House

17, Leicester Street

Bedworth

Warwickshire CV12 8JP