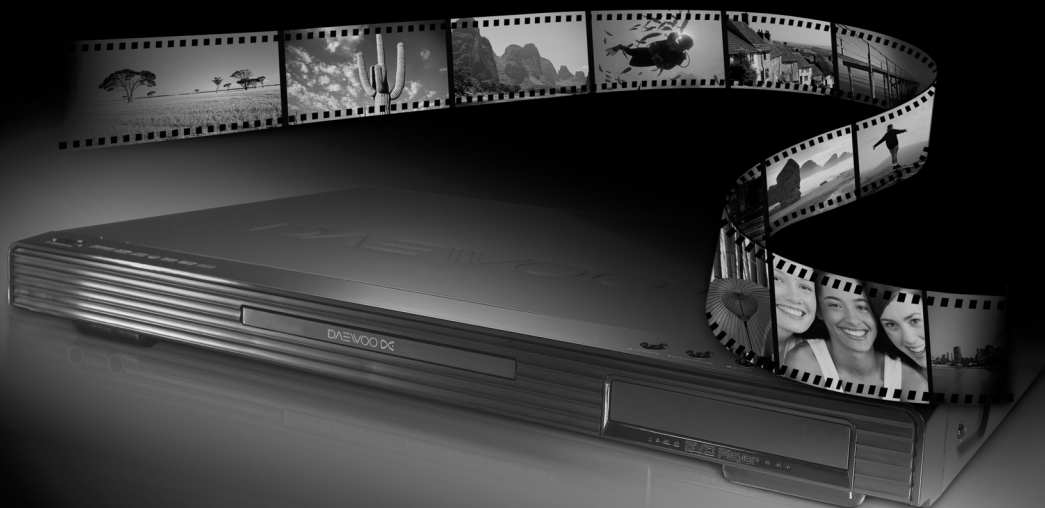


DAEWOO
ELECTRONICS



DVD PLAYER

INSTRUCTION MANUAL



DS-K601SA



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IMPORTANT SAFETY PRECAUTIONS

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



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



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

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

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

IMPORTANT FOR LASER PRODUCTS

- **LASER :** This Digital Video Disc Player employs a Laser System. To ensure proper use of this product please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location - see service procedure.

Use of control adjustments or the performance of procedures other than those specified may result in hazardous radiation exposure.

To prevent direct exposure to the laser beam, do not try to open the enclosure. Visible laser radiation when open and interlocks defeated.

DO NOT STARE INTO THE BEAM.

- **DANGER :** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
- **CAUTION :** Do not open the top cover. There are no user serviceable parts inside the Unit; leave all servicing to qualified service personnel.

**CLASS 1
LASER PRODUCT**

CAUTION: Any changes or modification in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ATTENTION: KEEPING THE STATUS OF STOP MORE THAN 5 MINUTES ENTERS SCREEN SAVE MODE. WHEN THE SCREEN SAVE MODE IS KEPT MORE THAN AN HOUR, THE SET ENTERS STAND-BY MODE.

CAUTION: Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

IMPORTANT SAFETY PRECAUTIONS

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

1 READ INSTRUCTIONS

All the safety and operating instructions should be read before the unit is operated.

2 RETAIN INSTRUCTIONS

The safety and operating instructions should be retained for future reference.

3 HEED WARNINGS

All warnings on the unit and in the operating instructions should be adhered to.

4 FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.

5 CLEANING

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

6 ATTACHMENTS/ACCESSORIES

Do not use attachments unless recommended by the unit's manufacturer as they may cause hazards.

Caution : Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

7 WATER AND MOISTURE

Do not use this unit near water- for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.

8 PLACEMENT

Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury to a child or adult as well as serious

PORTABLE CART WARNING
(symbol provided by
RETAC)



damage to the unit. Use this unit only with a cart, stand, tripod, bracket, or table recommended by the manufacturer.

8A

A unit and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the video product and cart combination to overturn.

9 VENTILATION

Slots and openings in the case are provided for ventilation to ensure reliable operation of the unit and to protect it from overheating. These openings must not be blocked or covered. These openings must not be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This unit should never be placed near or over a radiator or heat radiator. This unit should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10 POWER SOURCES

This unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your video dealer or local power company. For units intended to operate from battery power, or other sources, refer to the operating instructions.

11 GROUNDING OR POLARIZATION

This unit is equipped with a polarized alternating -current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way.

This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted without blade exposure. If you need an extension cord, use a polarized cord.

12 POWER-CORD PROTECTION

Power-supply cords should be routed so that they are not likely to be walked on or pinched

IMPORTANT SAFETY PRECAUTIONS

by items placed upon or against them, paying particular attention to cords at plugs and the point where they exit from the unit. MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

13 LIGHTNING

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

14 DISC TRAY

Keep your fingers well clear of the disc as it is closing. It may cause serious personal injury.

15 OVERLOADING

Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock.

16 OBJECT AND LIQUID ENTRY

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

17 BURDEN

Do not place a heavy object on or step on the product. The object may fall, causing serious personal injury and serious damage to the product.

18 DISC

Do not use a cracked, deformed or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.

19 SERVICING

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

20 DAMAGE REQUIRING SERVICE

Unplug this unit from the wall outlet and refer servicing to qualified service personnel under

the following conditions.

- A. When the power-supply cord or plug is damaged.
- B. If liquid has been spilled, or objects have fallen into the unit.
- C. If the unit has been exposed to rain or water.
- D. If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to its normal operation.
- E. If the product has been dropped or the cabinet has been damaged.
- F. When the unit exhibits a distinct change in performance-this indicates a need for service.

21 REPLACEMENT PARTS

When replacement parts are required, have the service technician verify that the replacements he uses have the same safety characteristics as the original parts. Use of replacements specified by the unit manufacturer can prevent fire, electric shock, or other hazards.

22 SAFETY CHECK

Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks recommended by the manufacturer to determine that the unit is in safe operating condition.

23 WALL OR CEILING MOUNTING



The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24 HEAT

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

FEATURES

⑥ OUTSTANDING SOUND QUALITY

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

⑥ HIGH DEFINITION

The unit adopts MPEG2 coding format and brings the high horizontal resolution.

⑥ UNIQUE FUNCTIONS

Multi-angle and multi-language bring unique trick functions.
Parent lock makes it easy to control the content of discs.

⑥ SCREEN

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

⑥ COMPATIBILITY

The unit can play DVD-video discs, and is compatible with CD, CD-G, CD-R, CD-RW, PIC-CD, MP3, DVD-R, DVD+R, DVD-RW, DVD+RW.

⑥ ZOOM

It can enlarge pictures or reduce pictures.

⑥ MULTI-FUNCTIONS

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

⑥ TIME SEARCH

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

⑥ RESUME PLAY

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

⑥ VIDEO OUTPUT

Standard video, S-video, component (progressive, interlace) video output mode.

⑥ AUDIO OUTPUT

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

ABOUT DISCS

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.

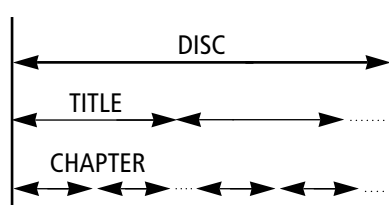
PLAYABLE DISCS

| | |
|----------------|---|
| DVD-video | Region number 4 or Region number ALL |
| DVD-R/+R | DVD video |
| DVD-RW/+RW | DVD video |
| DVD-ROM | DVD video |
| CD-G | Playback audio/ graphic files |
| CD-DA | Digital audio files |
| CD-R/ CD-RW | Digital audio/ MP3/ JPEG format files |
| CD-DA/JPEG/MP3 | Total disc capacity : over 4M, Each file : under 1M |
| CD-ROM | Digital audio/ MP3/ JPEG format files |

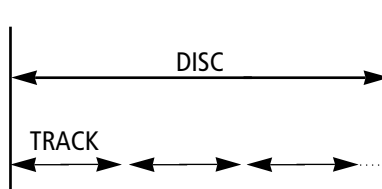
NONE PLAYABLE DISCS

| | |
|-----------|---------------------------------------|
| DVD-video | Different region number |
| DVD-ROM | Files for PC application / Data files |
| CD-ROM | Files for PC application / Data files |
| CD-MP3 | Files under windows format |
| DVD-RAM | All format |

STRUCTURE OF DVD



STRUCTURE OF CD



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.

ABOUT DISCS

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.

TRACK

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

SCENE

The menu pictures, motion and motionless pictures of a CD can be divided into some parts, these parts are scenes. Each scene has a number for search.

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 "4". 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 "4" or "ALL".



(Region 4)



(Region ALL)

MACROVISION

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. 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.

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.



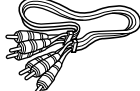

CLEANING DISC

- Before playback, wipe the disc outward from the centre with clean cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray.

BEFORE OPERATION

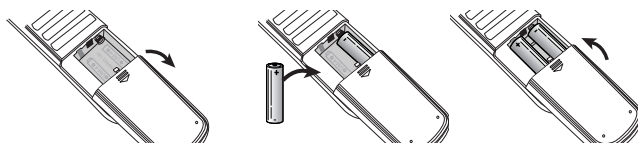
CHECK ACCESSORIES

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

| Remote control | AAA batteries | Video/Audio cord | Instruction manual |
|---|---|---|---|
|  |  |  |  |

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.



Note:

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

PREPARATIONS BEFORE OPERATION

FRONT PANEL



- ① **STANDBY/ON button**
To switch the unit On or Off when connected to AC power outlet.
- ② **OPEN/CLOSE button**
To open or close the disc tray.
- ③ **PLAY/PAUSE button**
To play the loaded disc. Press this button to go to the preferred item when the menu is displayed on the TV screen. Press this button in playback mode, the picture stops. This machine enters the playback pause mode.
- ④ **STOP button**
- ⑤ **PREV button**
To skip back from the current chapter (for DVD) or track (for CD).
- ⑥ **NEXT button**
To skip forward to the next chapter (for DVD) or track (for CD).
- ⑦ **DISPLAY**
Displays operation status.
- ⑧ **REMOTE SENSOR**
Receives a light signal from the remote control.

PREPARATIONS BEFORE OPERATION

REAR PANEL



① DIGITAL AUDIO OPTICAL OUT

Connects digital audio under play mode into an AV amplifier or a receiver equipped with digital audio decoder for you to enjoy the theatre-quality sound in your home.

② AUDIO OUT (L/R TRACK)

Two phono sockets for analogue 2 Channel audio in order to a TV or stereo amplifier.

③ VIDEO OUT

Connects composite video signal to input AV or PHONO sockets of TV or monitor to achieve high fidelity colour reproduction.

④ COMPONENT (Y.Pb.Pr)

Connects to TV or monitor equipped with Component input. In order to achieve a sharper and cleaner picture than when connected via VIDEO OUT (composite video).

⑤ POWER SUPPLY SOCKET WIRE

Creates POWER between wall outlet and the unit.

⑥ DIGITAL AUDIO COAXIAL OUT

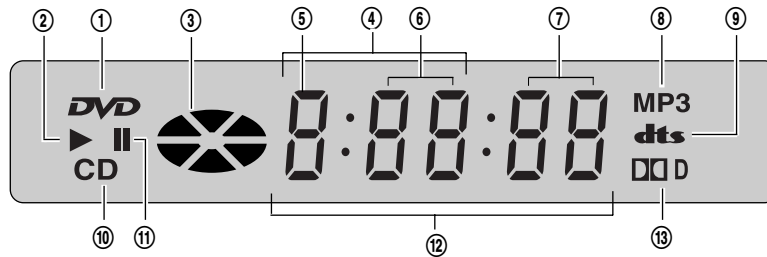
Connects digital audio under play mode into an AV amplifier or a receiver equipped with digital audio decoder for you to enjoy the theatre-quality sound in your home.

⑦ S-VIDEO OUTPUT

Connects to TV or monitor equipped with S-VIDEO input. In order to achieve a sharper and cleaner picture than when connected via VIDEO OUT (composite video).

PREPARATIONS BEFORE OPERATION

LED DISPLAY

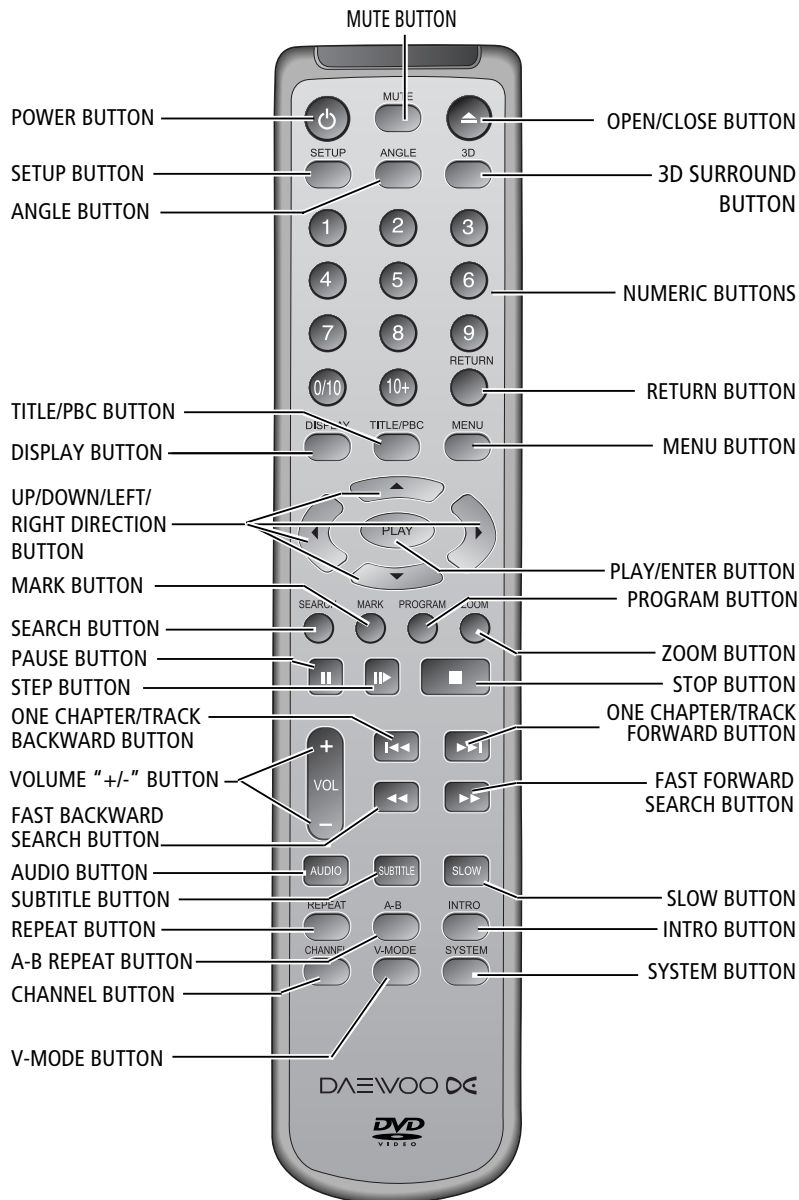


- | | |
|--|---|
| <p>① Recognized DISC TYPE indicator : DVD</p> <p>② PLAY indicator</p> <p>③ DISC LOAD/PLAY indicator This indicator is lit up after recognizing the disc.</p> <p>④ DVD/CD/MP3 indicator Indicates the title, chapter or track number.</p> <p>⑤ DVD/CD/MP3 indicator Indicates the hour.</p> <p>⑥ DVD/CD/MP3 indicator Indicates the minutes.</p> <p>⑦ DVD/CD/MP3 indicator Indicates the seconds.</p> <p>⑧ Recognized DISC TYPE indicator : MP3</p> <p>⑨ DVD AUDIO STREAM indicator : dts digital output</p> <p>⑩ Recognized DISC TYPE indicator : CD</p> <p>⑪ PAUSE indicator</p> | <p>⑫ NUMBER/ CHARACTER indicator Chapter, track number, and time are displayed in loading DVD/CD disc, while track number and time are displayed in loading MP3.</p> <p><i>OP EN</i> : Tray is opened <i>CL SE</i> : Tray is closed <i>LD RD</i> : Disc is loaded <i>NO dISC</i> : There is no disc in tray <i>ERR or</i> : Disc has some error</p> <p>⑬ DVD AUDIO STREAM indicator Indicates the audio type of the disc under play is DOLBY DIGITAL.</p> |
|--|---|

PREPARATIONS BEFORE OPERATION

NAMES AND LAYOUT OF REMOTE CONTROLS

* After setting the mode by using SETUP menu (for example, NTSC select in NTSC/PAL/AUTO setup), the setting is kept though you switch the unit off and turn it on.

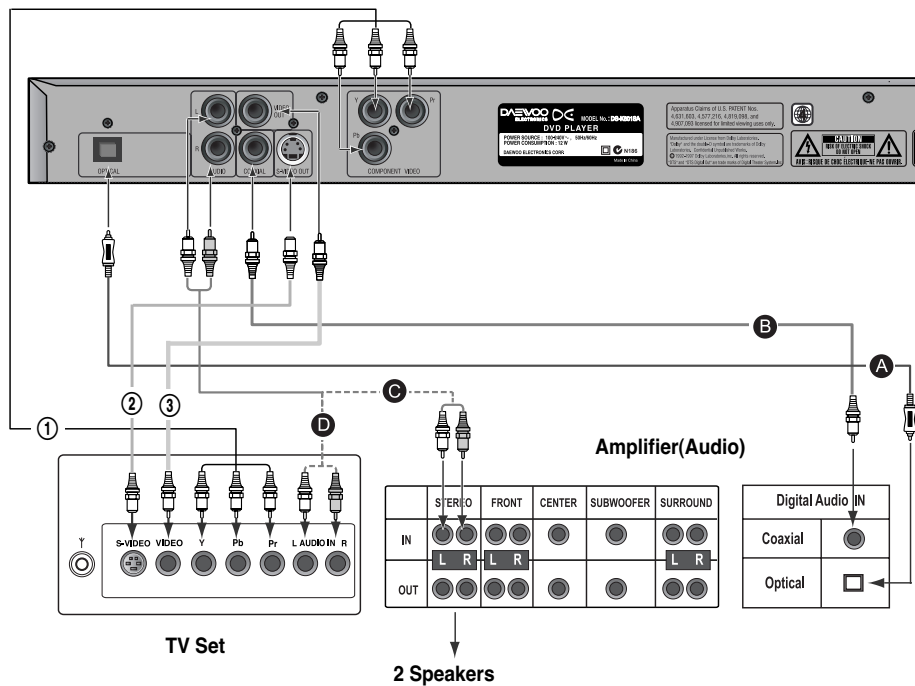


CONNECTIONS

Please turn off the power before connecting.

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

CONNECTED TO A TV AND AN AUDIO AMPLIFIER



Connects either ①+ A, ②+ A, ③+ A, ①+ B, ②+ B, ③+ B, ①+ C, ②+ C, ③+ C, ①+ D, ②+ D or ③+ D.

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished works.

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

BASIC OPERATIONS

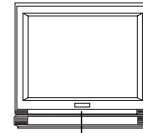
PLAY DISCS

Note:

The Step2 can be cancelled if you do not connect it to the amplifier.

- 1 Press "POWER" button on the TV and audio system, Press "TV/VIDEO" button on the TV, select VIDEO mode (TV).

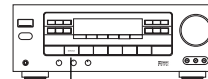
Select S-Video mode if using an S-VIDEO connection.



TV/VIDEO

- 2 Select the correct audio input on the amplifier.

- Each amplifier is different from another, please refer to the manual for the amplifier. (e.g., connect the audio output of the DVD player to the DVD audio input of an amplifier.)



DVD/LD

- 3 Press "STAND BY/ON" button on the front panel or "⏻" button on the remote control to turn the unit on.

- 4 Press "OPEN/CLOSE ▲" button to open the disc tray and insert the disc with its label upward. Press "OPEN/CLOSE ▲" button again to close the disc tray. The unit begins to read the disc. The TV screen shows the DVD menu and title menu.

- When playing a DVD, DVD menus and titles are displayed on TV screen.
- In the case of CD, the disc plays in order of its track number.

- 5 Stop playback.
Press ■.

- 6 Press ▲ to remove the disc.

BASIC OPERATIONS

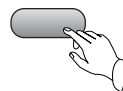
SYSTEM SETTING

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

In stop mode, press SYSTEM button on the remote control, then choose TV TYPE.

- When you press the [SYSTEM] button, the TV screen shows the information as : "If you want to change, press [SYSTEM] again." Press the [SYSTEM] button again, the video out system changes as follows.

SYSTEM

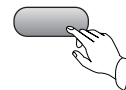


V-MODE (WHEN SELECTING INTERLACE, PROGRESSIVE OR S-VIDEO)

- In case of connecting the component, press the V-MODE on the remote control to select INTERLACE, PROGRESSIVE or S-VIDEO.

When you press the [V-MODE] button, the TV screen shows the information as : "If you want to change, press [V-MODE] again." Press the [V-MODE] button again to change the video mode.

V-MODE

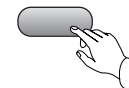


When you connect the Composite, picture is not displayed, press the V-MODE on the remote control to select Composite video.

DISPLAY

Each time you press the "DISPLAY" button when playing a disc, the TV screen shows the information as :

DISPLAY



DVD

Title Elapsed → Title Remain → Chapter Elapsed → Chapter Remain → Display Off

VCD

Single Elapsed → Single Remain → Display Off

CD

Single Elapsed → Single Remain → Total Elapsed → Total Remain → Display Off

MP3

Folder / Filelist

BASIC OPERATIONS

FAST PLAY

When playing disc, you may play it forward fast or reverse it fast to find what you need.

Note:

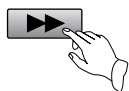
Press **PLAY** to play normally when playing fast.

Note:

The marked **FAST PLAY** speed on owner's manual and real fast play speed can be different depending on which disc you play.

1

Press **▶▶** to play forward fast. Each time you press the button, the speed of picture changes like the right sides.



① FF X2

② FF X4

③ FF X8

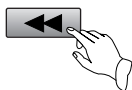
④ FF X16

⑤ FF X32

⑥ **▶**PLAY

2

Press **◀◀** to reverse the disc fast. Each time you press the button, the speed of picture changes like the right sides.



① FR X2

② FR X4

③ FR X8

④ FR X16

⑤ FR X32

⑥ **▶**PLAY

Note:

Press **PLAY** to play normally.

SLOW PLAY

Enjoy slow motions by the following steps.

Press "SLOW" button to play slowly.



DVD

SFX1/2 → SFX1/4 → SFX1/8 → SFX1/16 → SRX1/2 → SRX1/4 → SRX1/8 → SRX1/16



VCD

SFX1/2 → SFX1/4 → SFX1/8 → SFX1/16



Note:

Press **PLAY** to play normally.

PAUSE/ STEP

Press **PAUSE** **⏸** on the remote control to make the playback pause.

Pressing **STEP** **⏮** again moves the picture forward frame by frame.

BASIC OPERATIONS

SELECT AUDIO LANGUAGE

You can choose the language according to your choice when playing multi-language DVD.

Press "AUDIO" button, select different languages.



Audio 1/2 : AC3 2Ch English

- Note:**
1. Different disc has different languages
 2. You can press "AUDIO" button to choose the language you want when you play multi-language DVD discs.

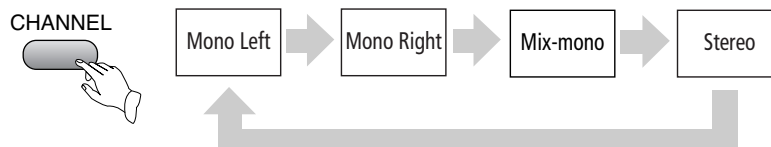
***Attention:**

Please select the AUDIO language in SETUP menu to keep the setting!!!

SELECT CHANNELS

You may select the right channel or left channel or stereo from a multi-channel.

Press "CHANNEL" button, the screen show alternately and select the desired audio channel:



Note:

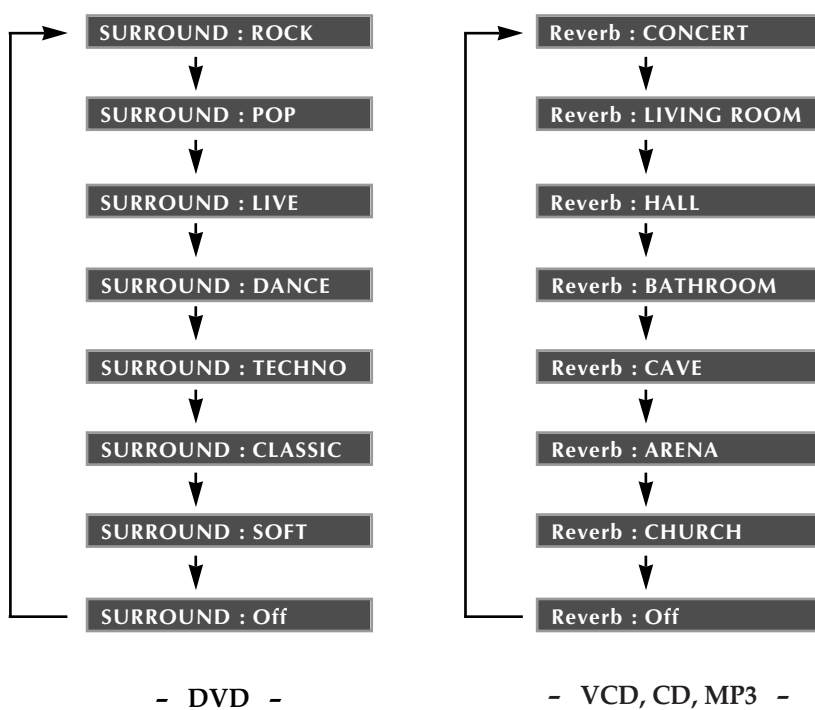
You can use channel function when you play the disc, you can choose mono audio output (left or right channel), stereo or mix-mono

BASIC OPERATIONS

SELECT 3D AUDIO

This function outputs 3D effects on the stereo audio analog output where 3D effects are broken down into 7 surround modes.

Keep pressing [3D] button till the preferred sound effect appears.
Every time you press [3D] button, the 3D sound is change as below.



PLAYING A DESIRED SCENE

TO SKIP SCENES IN A DISC

- 1 Press **▶▶I** to move to the next chapter (or track).
The current chapter (or track) moves to the next chapter (or track).

- 2 Press **I◀◀** to move to previous chapter (or track).
The current chapter (or track) moves to the previous chapter (or track) or first scene of current chapter (or track).

DIRECTLY MOVING TO A DESIRED TITLE (DVD, VCD)

Some movie discs may contain multiple titles. If the disc has a movie title menu recorded on it, the [TITLE/PBC] button can be used to select the movie title. Details of operation may differ depending on the disc used.

Note:

You can select the desired title directly by using number button.

- 1 Press the [TITLE/PBC] or [MENU] button .
A list of the titles on the disc is displayed.
If using some disc, the menu screen will appear only when the disc has PBC function and PBC ON is activated.



* In the case of PBC play, press RETURN to return to the sub-menu, press it again to return to the home menu.

- 2 Press the [PLAY] button after pressing the [**◀▶▲▼**] or number button to select the desired title.

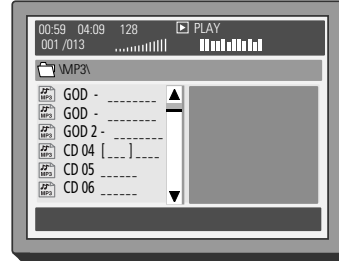
The selected title now starts playing.

PLAYING A DESIRED SCENE

PLAYING A DISC CONTAINING MP3 FILES

1 When a MP3 disc is loaded, MP3 menu screen is displayed automatically depending on MP3 disc's folder structure.

2 Use [◀▶▲▼] button to select the folder you want to play, and press the [PLAY] button.



This button allows you to see the file lists under the folder.

3 Use [◀▶▲▼] button to select a MP3 file and press the PLAY button then play will start automatically. When you know the file number, enter the MP3 file number using the numeric buttons on the remote control and then press [PLAY] button.

4 Press ▶▶ on the remote control to choose next file. Press ◀◀ for previous file.

When you know the file number, enter MP3 file number using the numeric buttons on the remote control and then press [PLAY] button.

PLAYING A DESIRED SCENE

REPEAT PLAY

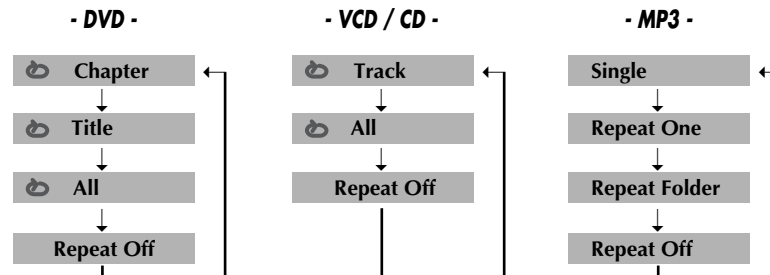
When play a disc, this function can be used to repeatedly play a title, chapter or disc.
Press "REPEAT" button, the screen shows orderly.

REPEAT



Note:

For the case of VCD disc, repeat playback starts only in PBC OFF mode.



- Chapter : Current chapter will play repeatedly.
- Title : Current title will play repeatedly.
- All : Current disc will play repeatedly.
- Track : Current track will play repeatedly.
- Repeat Off : Repeat playback will be cancelled.
- Single : The player will stop after finished playing the current item.
- Repeat One : Current item will play repeatedly.
- Repeat Folder : The items in the current directory will play repeatedly.

PLAYING A DESIRED SCENE

REPEATING A DEFINED PERIOD FROM A TO B

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

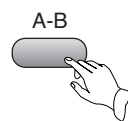
1 Press "A-B" to set a starting point A.

 A-

2 Press "A-B" twice to an end point B. Afterwards, the unit plays from A to B.

 A-B

3 Press "A-B" three times to remove A-B repeat.



SELECT A SUBTITLE LANGUAGE

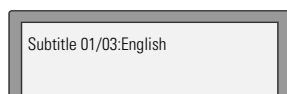
Note:

1. For some discs, subtitles cannot be removed.
2. Subtitle function is only available for some discs with subtitle recorders.

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

1 Keep pressing [SUBTITLE] button till the user's preferred language appears.

If a DVD disc includes subtitle information, every time the user presses [SUBTITLE] button, ENGLISH, FRENCH, SPANISH and others appear one by one.



2 Remove the subtitle.

Press SUBTITLE button until the screen shows "Subtitle Off".

PLAYING A DESIRED SCENE

SEARCHING

SEARCHING DVD WITH A TITLE/CHAPTER NUMBER OR A TIME

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

DVD



Press the [SEARCH] button in playback mode.

It shows current disc mode.

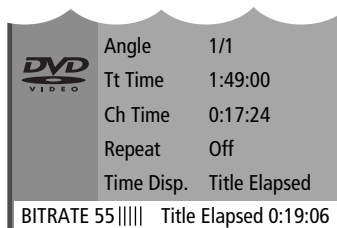
→ current title / total title

→ current chapter

→ current audio

→ current subtitle

•
•
•



→ current angle / total angle

→ total time

→ chapter time

→ repeat playback mode

→ time display

- If you want to search with a title or chapter number, select Title or Chapter using [▲/▼] button. Then press [PLAY].
- If you want to search with a total time or chapter time, select Tt Time or Ch Time using [▲/▼] button. Then press [PLAY].

Please enter the new title number, chapter number, Tt Time or Ch Time to be searched using the [0-9] buttons.

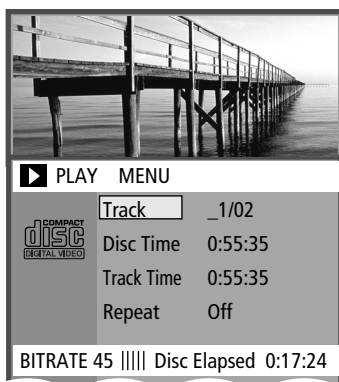
In completing entering, please press [SEARCH] button. PLAY starts from the selected position.

PLAYING A DESIRED SCENE

SEARCHING VCD WITH A DISC /TRACK TIME OR TRACK NUMBER

- Press the [SEARCH] button to play at a desired Time or Track.

VCD



Press the [SEARCH] button in playback mode.

It shows current disc mode.

→ current track / total track

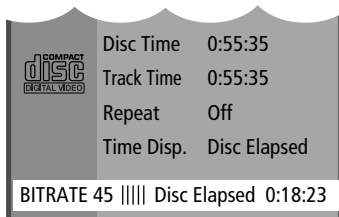
→ disc time

→ track time

→ repeat playback mode

→ time display

•
•
•



→ time display

- If you want to search with a Track number, select Track using [▲/▼] button. Then press [PLAY].
- If you want to search with a disc time or track time, select Disc Time or Track Time using [▲/▼] button. Then press [PLAY].

Please enter the new track number, Disc Time or Track Time to be searched using the [0-9] buttons.

In completing entering, please press [SEARCH] button. PLAY starts from the selected position.

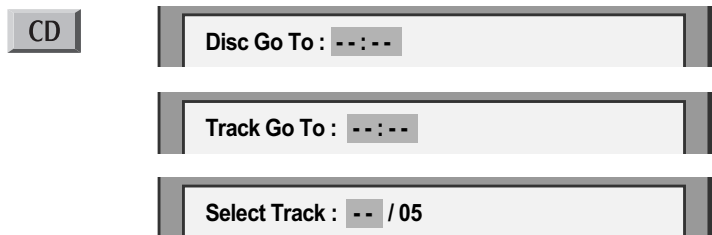
PLAYING A DESIRED SCENE

SEARCHING CD WITH A DISC /TRACK TIME OR TRACK NUMBER

- Press the [SEARCH] button to play at a desired Time or Track.

Press the [SEARCH] button to select SEARCH mode.

Press ◀ or ▶ button highlight desired item.



Disc Go To -- : -- Input disc time

Track Go To -- : -- Input track time

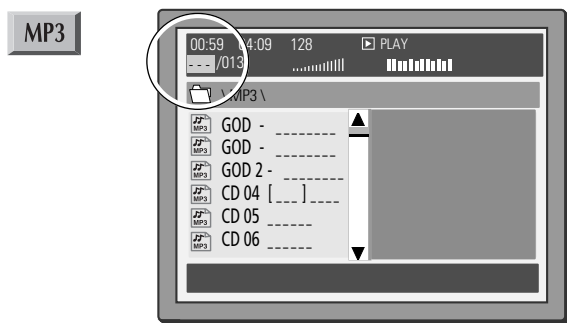
Select Track -- / 02 Input track number

In completing entering, please press [SEARCH] button. PLAY starts from the selected position.

SEARCHING MP3 WITH A FILE NUMBER

- Press the [SEARCH] button to play at a desired MP3 file number.

Press the [SEARCH] button to select SEARCH mode.



Please enter the new MP3 file number to be searched using the [0-9] buttons.

In completing entering, please press [SEARCH] button. PLAY starts from the selected position.

PLAY DISCS IN VARIOUS WAYS

SELECT ANGLE

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.

Keep pressing [ANGLE] button till the preferred angle appears.

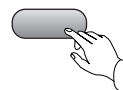
 2/4 (select ANGLE2)

 3/4 (select ANGLE3)

 4/4 (select ANGLE4)



ANGLE



Note: Multi Angle function is limited to a DVD disc supporting multi angle information.

ZOOM PLAY

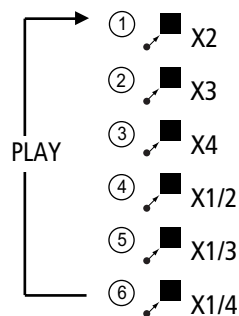
This function can be used to enjoy a motion or motionless picture.

- 1 Press "ZOOM" button when playing, the screen shows orderly:

ZOOM



- 2 Press "UP/DOWN/LEFT/RIGHT [◀▶▲▼]" button to move the enlarged picture.

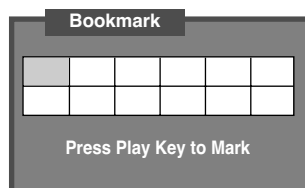


PLAY DISCS IN VARIOUS WAYS

BOOK MARK

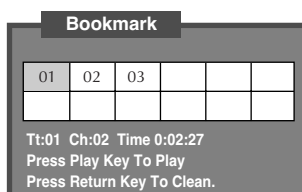
Storing a MARKER in memory is similar to marking your page in a book. It allows you to quickly return to any point on the disc.

- 1 Press MARK button, the screen will show the following frame:



- 2 Moving direction [◀▶▲▼] button to select the saving position on the screen. Press PLAY button to save the time tag.

- 3 Press MARK button when you need book mark function, then choose the item you want to resume playing, then press PLAY button to continue playing from the saving point.



- DVD -



- VCD, CD -

Note:

If you erase a book mark function, put the cursor in the position of the item you want to erase, press "RETURN" button.

PLAY DISCS IN VARIOUS WAYS

PROGRAM PLAY (DVD)

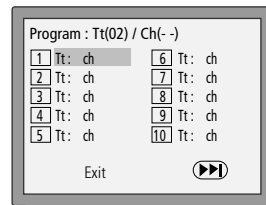
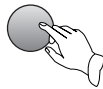
You may program the title and chapter on a disc and play them in the programmed order.

Note:

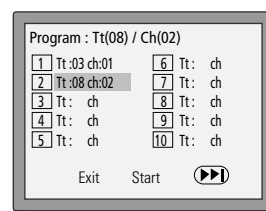
- First one is title, second one is chapter.
- If the disc has only one title, TT will not be displayed.

- 1 Press "PROGRAM" button, the screen shows:

PROGRAM



- 2 Input the sequence number you want to program playing.



- 3 After the programming is finished, move cursor to "START" by direction [◀▶▲▼] button and press "PLAY" button to start playing.

- 4 Press "STOP" button two times to remove program play.

* If you want to remove any program number, put the cursor in the position of the program number and press "RETURN" button.

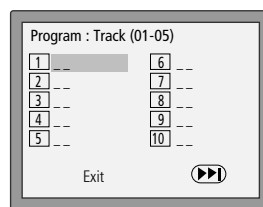
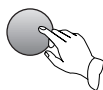
PLAY DISCS IN VARIOUS WAYS

PROGRAM PLAY (VCD/CD)

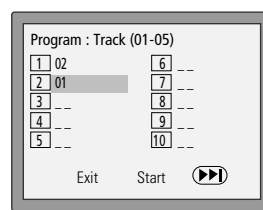
You may program the track on a disc and play them in the programmed order.

- 1 Press "PROGRAM" button, the screen shows:

PROGRAM



- 2 Input the sequence number you want to program playing.



- 3 After the programming is finished, move cursor to "START" by direction [◀▶▲▼] button and press "PLAY" button to start playing.

- 4 Press "STOP" button two times to remove program play.

* If you want to remove any program number, put the cursor in the position of the program number and press "RETURN" button.

PLAY DISCS IN VARIOUS WAYS

■ PLAY MP3, JPEG OR PICTURE CD

■ SELECT FILES

1 The screen will display right after the disc is loaded

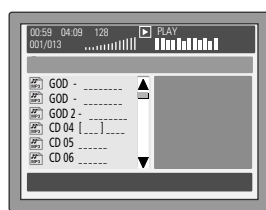
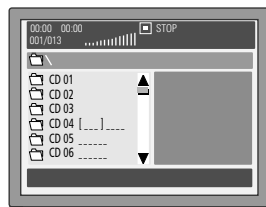
2 Each time you press the PROGRAM button, FOLDER and FILE LIST appear one by one.

At this time you can select the item in the list.

3 You can select the file you want using the direction [◀▶▲▼] buttons.

4 Press the PLAY button after selecting the file you want.

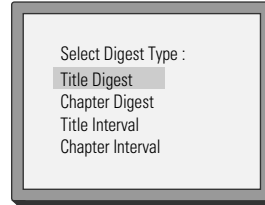
The file will be played back.



PLAY DISCS IN VARIOUS WAYS

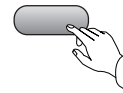
DIGEST PLAY (DVD)

1 Press "INTRO" button when the unit is playing disc, the screen shows :



2 Press direction [◀▶▲▼] button to select the digest type. And press "PLAY" button.

INTRO



- **TITLE DIGEST**

The player will play 5 seconds of each title. After moving the cursor in the position "--", using NUMERIC [0-9] buttons to select the desired title and press PLAY button. Then the player will begin to play from the title you selected. Or put the cursor in the position of desired picture and press PLAY button.

- **CHAPTER DIGEST**

The player will display the beginning picture of each chapter in current selected title.

- **TITLE INTERVAL**

Scan the story in the title from 00: 00 :00 on, the unit will play the disc every other 10 minutes.

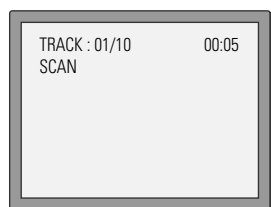
- **CHAPTER INTERVAL**

Scan the story in the current chapter from 00: 00 :00 on, the unit will play the disc every other 10 minutes.

PLAY DISCS IN VARIOUS WAYS

■ **DIGEST PLAY (CD)**

Press the INTRO button when the unit is playing a disc, the screen shows as below.



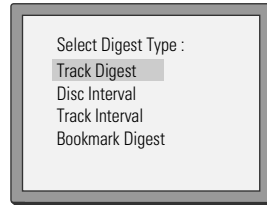
The player will play about 10 seconds of each track.

Press INTRO button to start the desired digest play.

PLAY DISCS IN VARIOUS WAYS

DIGEST PLAY (VCD)

1 Press "INTRO" button when the unit is playing disc, the screen shows :



2 Press direction [◀▶▲▼] button to select the digest type. And press "PLAY" button.

INTRO



- **TRACK DIGEST**

The player will play about 5 seconds of each track. Using NUMERIC [0-9] buttons to select the desired track and press PLAY button. Then the player will begin to play from the track you selected.

- **DISC INTERVAL**

Scan the story in the disc from 00:00:00 on, the unit will play the disc every other 10 minutes.

- **TRACK INTERVAL**

Scan the story in the track from 00:00:00 on, the unit will play the disc every other 10 minutes.

- **BOOKMARK DIGEST**

The player will play about 5 seconds of each scene to be marked. Using NUMERIC [0-9] buttons to select the desired mark and press PLAY button. Then the player will begin to play from the marker you selected.

PLAY DISCS IN VARIOUS WAYS

■ **PLAYING DivX DISC ON CD-R(W)**

- DivX refers to a new format of Audio/Video files available for playback over the internet because of the popularity to download music from DivX websites on to ones computer.

- 1 When a DivX disc is loaded, the DivX menu screen is displayed automatically depending on DivX disc's folder structure.
- 2 Move the cursor to DivX file you want to play and press play button.
- 3 On your disc, if there are many subtitles, press the [SUBTITLE] button for selecting subtitle you want to display.



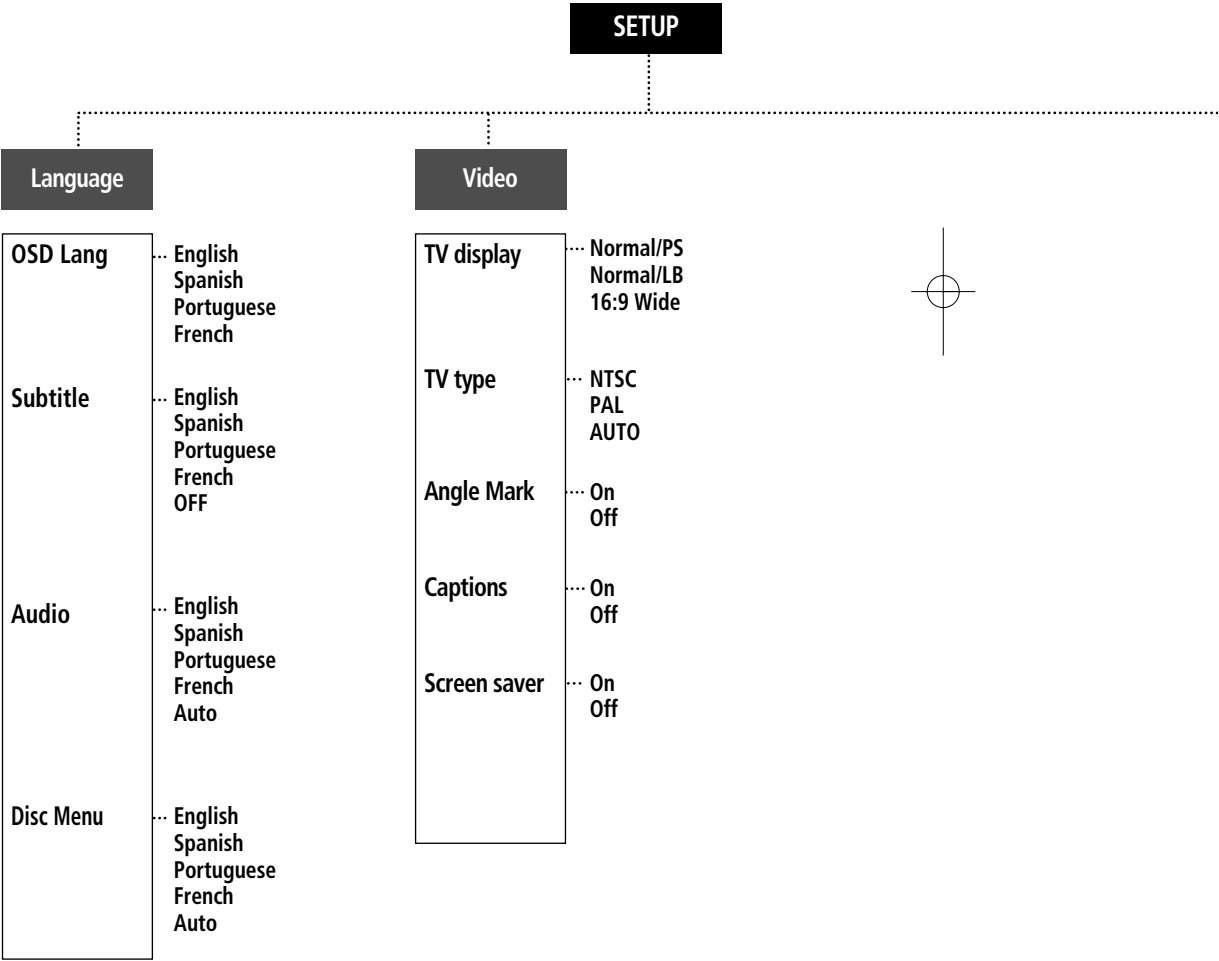
YOUR DVD PLAYER CAN PLAY;

- Picture DivX version: DivX 3.11, 4.x, 5.x, XviD, ISO-MPEG4, DivX PRO (**Excluding QPEL and GMC**)
- Subtitle file extension : It can support Smi, Srt, Sub, TXT.
- Subtitle Support language: It can display ENGLISH and some languages.

FUNCTION SETTING

MENU SETTING

According to the recorded information and external equipment, set the following functions for DVD to obtain the best playing status. Press "SETUP" button to set the main menu.



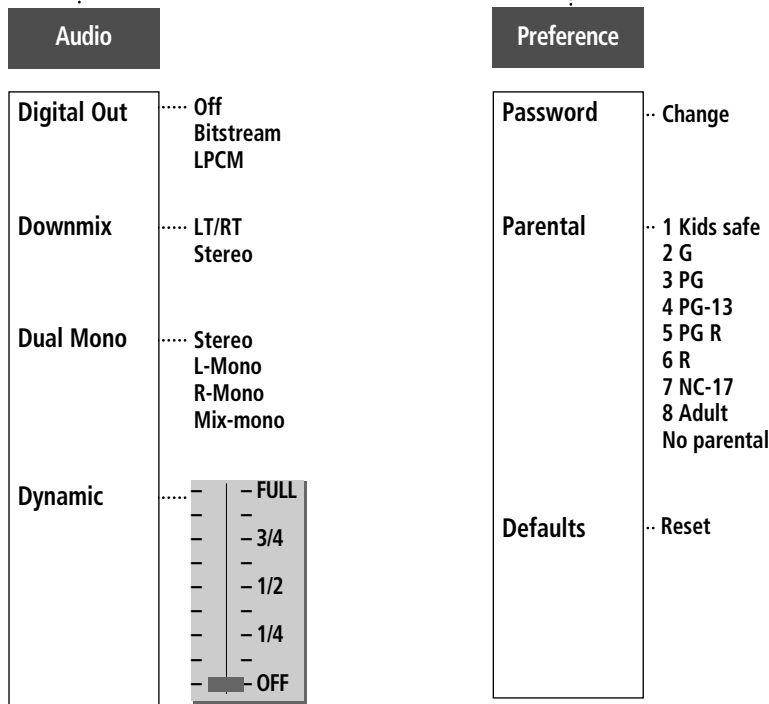
FUNCTION SETTING

BASIC NAVIGATION

To navigation through the setting on the screen, use the direction buttons to scroll through the list of settings and use "PLAY" button to select the high lighted function.

SETUP MENU

Press the SETUP button to enter the On Screen Display and to exit at any time. In each of the menus, selecting MAIN PAGE (SETUP menu) will immediately return you to the initial screen.



FUNCTION SETTING

■ LANGUAGE

Note:

"OSD" means
"On Screen
Display".

■ OSD LANG.

When select a language, the screen show this language.

For example, if you select ENGLISH, the OSD is in English.

■ SUBTITLE

- **Selecting Subtitle language.**

Please set it as the preferred language. In case the subtitle language is set and recorded in the DISC, it is automatically played in the set language in every playing. For example, English is set and recorded as subtitle language in the DISC, it is played in English.

■ AUDIO

- **Selecting an audio language.**

Set it as the preferred audio language. In case the audio language is set and recorded in the DISC, it is automatically played in the set language in every playing. For example, English is set and recorded as audio language in the DISC, it is played in English.

■ DISC MENU

- **Selecting Disc Menu language.**

Please set it as the preferred DISC MENU language. In case the DISC MENU language is set and recorded in the DISC, it is automatically played in the set language in every playing. For example, English is set and recorded as a DISC MENU language in the DISC, it is played in English.

FUNCTION SETTING

VIDEO

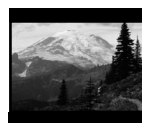
TV DISPLAY

1**NORMAL/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.

**2****NORMAL/LB**

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

**3****16:9 WIDE**

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



TV TYPE

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

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

■ CAPTIONS

The hidden subtitle is shown or turn off.

■ SCREEN SAVER

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

■ AUDIO

■ Digital Out

- **OFF**
No signal is output from the coaxial, optical port.
- **Bitstream**
Select this when the DVD player is connected with a power amplifier through optical or coaxial port. Please refer to the page 14. when a Dolby Digital DVD, DTS DVD or MPEG DVD is played, select this, the coaxial or optical port will output in the corresponding digital format (source code).
- **LPCM**
Select this when the DVD player is connected with a TV or a power amplifier through audio cord.

■ Down Mix

Select Down Mix mode to LT/RT or Stereo

FUNCTION SETTING

■ DUAL MONO

This is the output mode of the L and R signals of the set audio output. If it is set to "MIX MONO", the function only works when the DVD being played is 2.0-channel.

- **STEREO**

Choose this option, the audio output should be dummy stereo signal.

- **L-MONO**

- **R-MONO**

- **MIX-MONO**

■ DYNAMIC RANGE

Set "Off" to view a program in the dynamic range as recorded in disc. To hear loud sound softer and soft sound louder, set "Full".



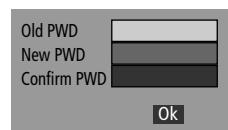
FUNCTION SETTING

PREFERENCE

PASSWORD

Select "PASSWORD" in PREFERENCE SETUP menu to setup password, input a password.

Enter a password according to the screen.



Old PWD
New PWD
Confirm PWD
Ok

Note:

- The password is 3308 when the unit is turned on initially or you forget the password.
- The password is set by yourself.

PARENTAL

The content of a disc with lock function is evaluated by grades. You can select an age grade as your need.

Example: Select "1 KIDS SAFE", the scenes of violence inadvisable to children are not played.

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

DEFAULT>> RESET

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

OTHERS

■ TROUBLESHOOTING

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

- **NO SOUND**
 - Check if the unit is connected securely.
 - Make sure you operate the TV or amplifier correctly.
- **NO IMAGE, IMAGE ROLLS AND NO COLOUR**
 - Check if the unit is connected securely.
 - Make sure you operate the TV correctly.
 - Make sure you set the colour system correctly.
- **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.
 - Replace the batteries with new ones.
 - Point the remote control at the remote control sensor of the unit.

- **ATTENTION: KEEPING THE STATUS OF STOP MORE THAN 5 MINUTES ENTERS SCREEN SAVE MODE. WHEN THE SCREEN SAVE MODE IS KEPT MORE THAN AN HOUR, THE SET ENTERS STAND-BY MODE.**

OTHERS

TECHNICAL SPECIFICATIONS

| | | |
|---------------------|------------------|--|
| Laser | | wavelength 650nm |
| Video | | PAL/AUTO/NTSC |
| Frequency response | | 20Hz ~ 20kHz (± 1 dB) |
| Signal/noise ratio | | ≥ 90 dB |
| Channel separation | | ≥ 85 dB (1kHz) |
| Dynamic range | | ≥ 80 dB (1kHz) |
| Output Audio | Analog | output level : $2.0 \pm 0/-0.2V_{rms}$ (Load impedance : 1,0k Ω) |
| | Digital | output level : $0.5 \pm 0.1V_{p-p}$ (Load impedance : 75 Ω) |
| Output Video | Composite | output level : $1.0 \pm 0.1V_{p-p}$ (Load impedance : 75 Ω , imbalance, negative polarity) |
| | S-video | output level : brightness (Luma) $1.0 \pm 0.1V_{p-p}$ chromaticity (Color) $0.286 \pm 20\%$ (Load impedance : 75 Ω) |
| | Component | Y: 1Vp-p, Pb/Pr: 0.7Vp-p (Load impedance : 75 Ω) |
| Power | | 100-240V~ 50/60Hz 12W |
| Dimensions | Body (W x H x D) | 430 x 38 x 280 mm |
| | Packing | 490 x 90 x 335 mm |
| Weight (Gross/ Net) | | 2.97Kg / 2.21Kg |

Notes : Design and specifications in this instruction manual are subjected to change without prior notice to improve quality and function.