

DVD PLAYER

INSTRUCTION MANUAL



DV-700S



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IMPORTANT SAFETY PRECAUTIONS

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
<p>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.</p>		



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.

<p>WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.</p> <p>CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.</p>

<p>IMPORTANT FOR LASER PRODUCTS</p>	
<ul style="list-style-type: none"> • LASER • DANGER • CAUTION 	<p>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.</p> <p>Use of control adjustments or the performance of procedures other than those specified may result in hazardous radiation exposure.</p> <p>To prevent direct exposure to the laser beam, do not try to open the enclosure. Visible laser radiation when open and interlocks defeated.</p> <p>DO NOT STARE INTO THE BEAM.</p> <p>Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.</p> <p>Do not open the top cover. There are no user serviceable parts inside the Unit; leave all servicing to qualified service personnel.</p>



<p>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.</p>
--

<p>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.</p>

<p>MACROVISION</p> <p>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.</p>
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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

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

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 ACCESSORIES

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

*PORTABLE CART WARNING
(symbol provided by RETAC)*



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 by items placed upon or against them, paying particular attention to cords at plugs and the point where they exit from the unit.

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.

IMPORTANT SAFETY PRECAUTIONS

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

- ④ **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.
- ④ **HIGH DEFINITION**
The unit adopts MPEG2 coding format and brings the high horizontal resolution.
- ④ **UNIQUE FUNCTIONS**
Multi-angle and multi-language bring unique trick functions.
Parent lock makes it easy to control the content of discs.
- ④ **SCREEN**
Ordinary screen and wide screen (16:9) are available.
- ④ **COMPATIBILITY**
The unit can play DVD-video discs, and is compatible with CD, CD-G, CD-R, CD-RW, PIC-CD, MP3 discs also can do DVD-R, DVD+R, DVD-RW, DVD+RW of video format.
- ④ **ZOOM**
It can enlarge pictures.
- ④ **MULTI-FUNCTIONS**
Fast forward, fast reverse, forward and reverse slow, frame play, repeat play and program play.
- ④ **TIME SEARCH**
It can search a specific part on a disc, especially good for watching fiction movies.
- ④ **RESUME PLAY**
It can memorize the position where the disc is stopped and resume playback.
- ④ **VIDEO OUTPUT**
Standard video, S-video, RGB signal output mode.
- ④ **AUDIO OUTPUT**
Analog audio output, coaxial and optical digital audio output, can be connected with the appropriate amplifier to enjoy high-quality sound effects.
- ④ **KARAOKE**
Microphone input, KARAOKE channel selection.

ABOUT DISC

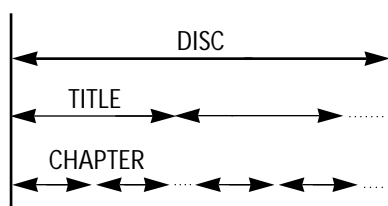
PRINCIPLES FOR WRITING

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.

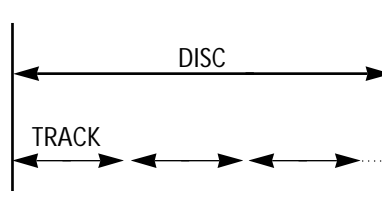
PLAYABLE DISCS / NONE PLAYABLE DISCS

Disc type	Playable	Restriction
DVD-video	Possible	Region number 2 or Region number All
CD-G	Possible	Playback audio/graphic file
CD-R/ CD-RW	Possible	* Not support discs 1. PC application files on CD-R or CD-RW 2. CD-ROM / DVD-ROM for PC application only 3. CD-MP3 files under windows format
CD-ROM/ DVD-ROM	Impossible	
MP3	Possible	
DVD-R/ DVD-RW	Possible	DVD video
DVD+R/ DVD+RW	Possible	DVD video
DVD+RW	Possible	DVD video
JPEG	Possible	Total disc capacity: over 4M, Each file : under 1M
DVD-RAM	Impossible	

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.

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 "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)

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.

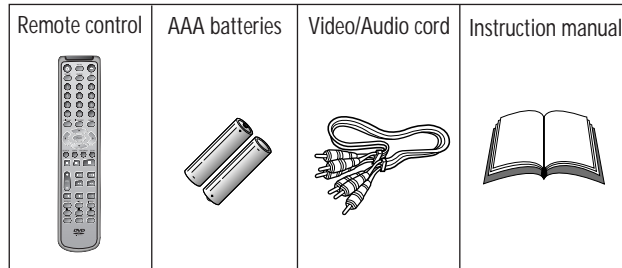
■ CLEANING DISC

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

BEFORE OPERATION

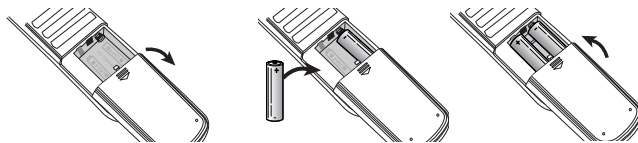
■ CHECK ACCESSORIES

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



■ 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.

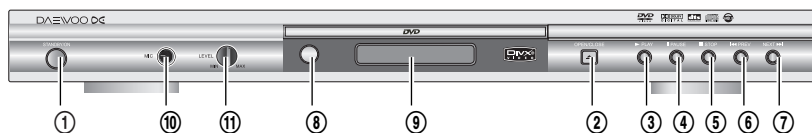


Note:

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

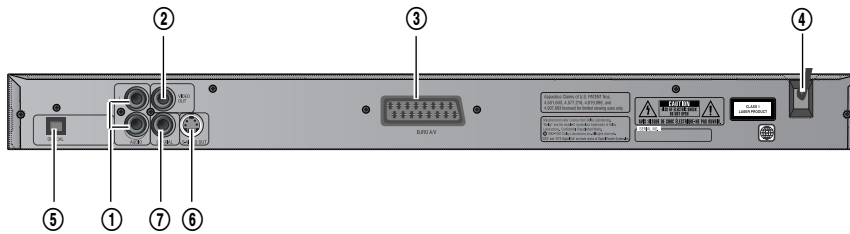
FRONT PANEL



- 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 button**
To play the loaded disc. Press this button to go to the preferred item when the menu is displayed on the TV screen.
- ④ **PAUSE button**
Used to view one frame at a time during play. Press PLAY button for normal play.
- ⑤ **STOP**
- ⑥ **PREV button**
To skip back from the current chapter (for DVD) or track (for CD).
- ⑦ **NEXT button**
To skip forward to the next chapter (for DVD) or track (for CD).
- ⑧ **REMOTE SENSOR**
Receives a light signal from the remote control.
- ⑨ **DISPLAY**
Displays operation status
- ⑩ **Microphone Jack**
- ⑪ **Microphone Level adjustment knob**

PREPARATIONS BEFORE OPERATION

REAR PANEL



① AUDIO OUT (L/R TRACK)

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

② VIDEO OUT

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

③ EURO AV JACK

If VIDEO OUT phono is not utilized, the SCART socket can be used to connect to a TV set, monitor or VCR.

④ POWER SUPPLY SOCKET WIRE

Creates POWER between wall outlet and the unit.

⑤ 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.

⑥ S-VIDEO OUTPUT

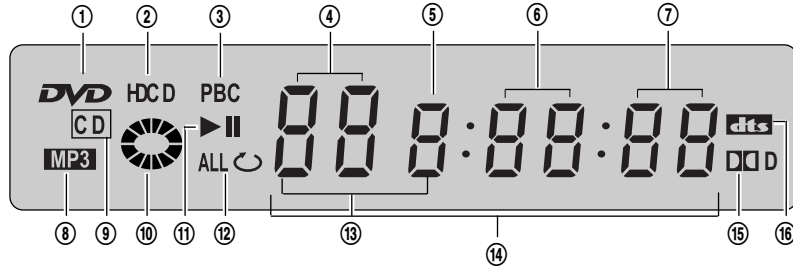
Connects to TV or monitor equipped with S-VIDEO input. In order to achieve a sharper and cleaner picture than when connected via VIDEO OUT (composite video).

⑦ 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.

PREPARATIONS BEFORE OPERATION

VFD

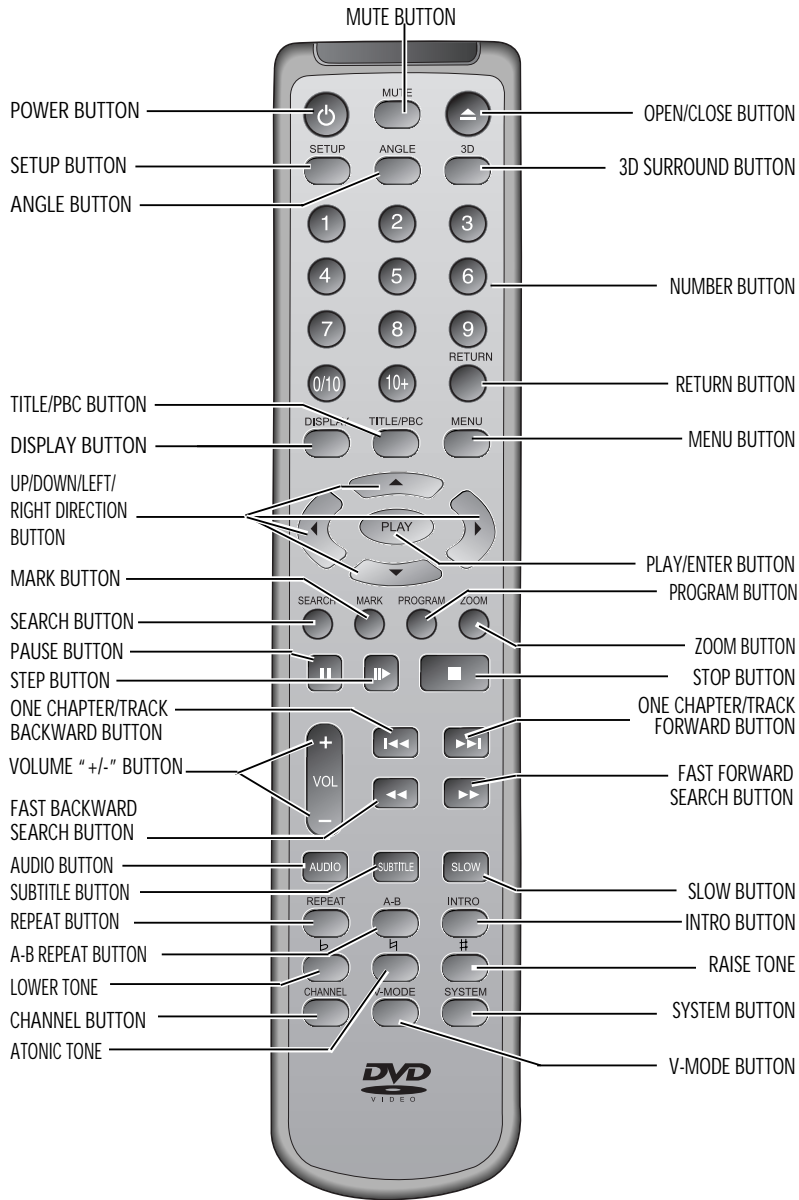


- | | |
|--|---|
| <p>① Recognized DISC TYPE indicator
: DVD</p> <p>② Recognized DISC TYPE indicator
: HDCD</p> <p>③ PBC indicator
This indicator is lit up in selecting PBC ON while this indicator disappears in selecting PBC OFF.</p> <p>④ DVD/CD indicator
Indicates the chapter or track number.</p> <p>⑤ DVD/CD indicator
Indicates the hour.</p> <p>⑥ DVD/CD indicator
Indicates the minutes.</p> <p>⑦ DVD/CD indicator
Indicates the seconds.</p> <p>⑧ Recognized DISC TYPE indicator
: MP3</p> <p>⑨ Recognized DISC TYPE indicator
: CD.</p> <p>⑩ DISC LOAD/PLAY indicator
This indicator is lit up after recognizing the disc.</p> | <p>⑪ PLAY/ PAUSE indicator</p> <p>⑫ REPEAT MODE indicator
 : In case you want to repeat and play a chapter or track.
ALL : In case you want to repeat and play a title or disc.</p> <p>⑬ MP3 indicator
Indicates the track number when MP3 disc is played</p> <p>⑭ 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>DP EN</i> : Tray is opened
<i>CLD SE</i> : Tray is closed
<i>LD Rd</i> : Disc is loaded
<i>NO dISC</i> : There is no disc in tray
<i>ErRor</i> : Disc has some error</p> <p>⑮ DVD AUDIO STREAM indicator
Indicates the audio type of the disc under play is DOLBY DIGITAL.</p> <p>⑯ DVD AUDIO STREAM indicator
:dts</p> |
|--|---|

PREPARATIONS BEFORE OPERATION

NAMES AND LAYOUT OF REMOTE CONTROLS

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

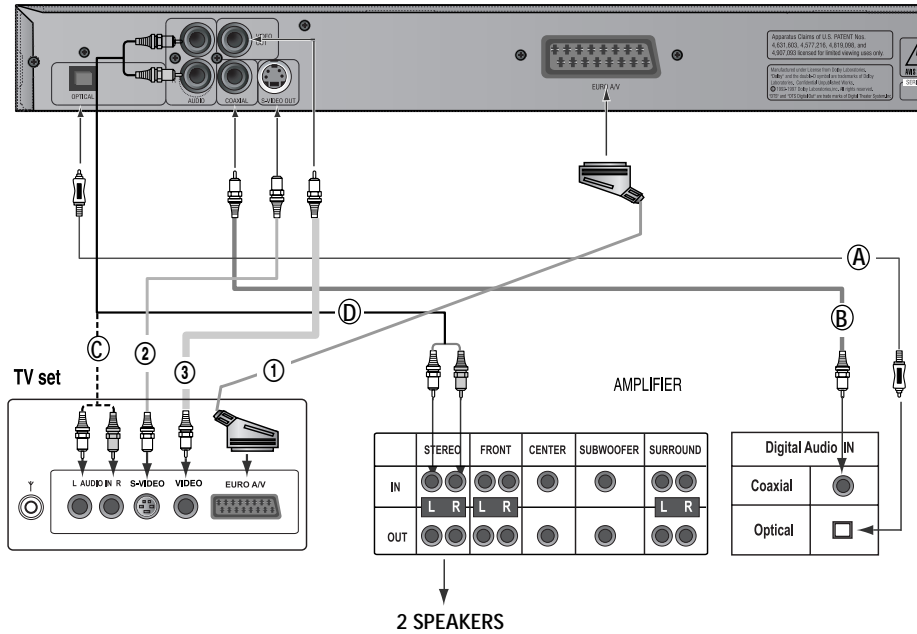


CONNECTIONS

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 (COAXIAL, OPTICAL). You may select as you need.

CONNECTED TO A TV AND AN ORDINARY AMPLIFIER



Connects either ①, ②+A, ③+A, ②+B, ③+B, ②+C, ③+C, 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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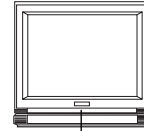
"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

BASIC OPERATIONS

■ PLAY DISCS

- 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.

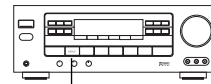


TV/VIDEO

Note:

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

- 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.

Press SYSTEM button on the remote control, then choose TV TYPE.

- Each time the user presses the [SYSTEM] button, the video output system changes as follows.
- 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 RGB or Composite)

- Press the V-MODE on the remote control to select RGB or Composite Video.



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

V-MODE



DISPLAY

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

DVD

TITLE ELAPSED → TITLE REMAIN → CHAPTER ELAPSED →
CHAPTER REMAIN → DISPLAY OFF

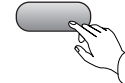
CD

SINGLE ELAPSED → SINGLE REMAIN → TOTAL ELAPSED → TOTAL REMAIN
→ DISPLAY OFF

MP3

CHAPTER ELAPSED → CHAPTER REMAIN → DISPLAY OFF

DISPLAY



BASIC OPERATIONS

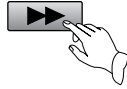
FAST PLAY

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.

- 1** Press **▶▶** to play forward fast. Each time you press the button, the speed of picture changes like those shown on the right.

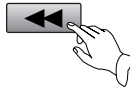


- ① FF X2
- ② FF X4
- ③ FF X8
- ④ FF X16
- ⑤ **PLAY**

Note:

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

- 2** Press **◀◀** to reverse the disc fast. Each time you press the button, the speed of picture changes like those shown on the right.



- ① FR X2
- ② FR X4
- ③ FR X8
- ④ FR X16
- ⑤ **PLAY**

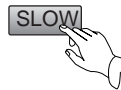
SLOW PLAY

Enjoy slow motions by the following steps.

Press "SLOW" button to play slowly.

Note:

Press **PLAY** to play normally.



• DVD

- ① SF X 1/2
- ② SF X 1/4
- ③ SF X 1/8
- ④ SR X 1/2
- ⑤ SR X 1/4
- ⑥ SR X 1/8
- ⑦ **PLAY**

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 a multi-language DVD.

Press "AUDIO" button, select different languages.



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



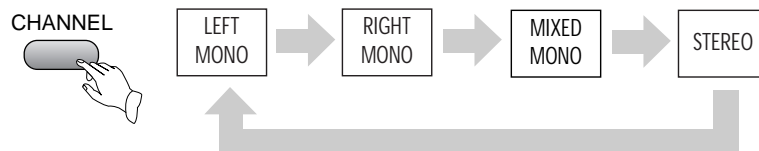
*Attention:

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

SELECT CHANNELS (CD, MP3)

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

Press the "CHANNEL" button, the screen shows alternately the choices below and select the desired audio channel:



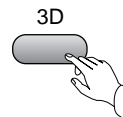
Note:

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

SELECTING 3D AUDIO

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

- 1 Press the [3D] button.
Every time the user presses the [3D] button, STANDARD, CLASSIC, JAZZ, ROCK, POPS, BALLAD and DANCE appear one by one.

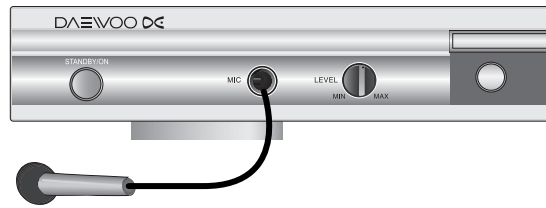


- 2 Select the desired 3D sound mode.

MICROPHONE CONTROL

Microphone Set up

- 1 Turn on Microphone Switch.
- 2 Connect the Microphone to the input socket on the front panel.

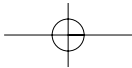


(not supplied)

- 3 Insert the Karaoke disc (label side uppermost) and select track to play.
- 4 Adjust the microphone level on the front panel of DVD.



- 5 Select either the Left, Right, Mixed or Stereo mode, using channel button on the remote control.
- 6 Adjust to a comfortable volume using the volume (+/-) button on the remote control of the DVD player and the volume on the Monitor/TV.

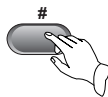


MICROPHONE CONTROL

TONE CONTROL

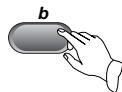
You may change the pitch to adapt to your voice

- Press **#** to raise the pitch.



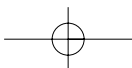
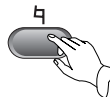
Each time you press the button, the pitch is raised by one step. It can be raised by 7 steps at the most.

- Press **b** to lower the pitch.



Each time you press the button, the pitch is lowered by one step. It can be lowered by 7 steps at the most.

- Retune to the preliminary atonic-tone.



PLAYING A DESIRED SCENE

■ TO SKIP SCENES IN A DISC

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

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.

- 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.

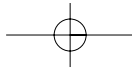


Note:

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

* 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, the MP3 menu screen is displayed automatically depending on MP3 disc's folder structure.
- 2 Use the direction 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 the direction button to select a MP3 file. 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 the [PLAY] button.
- 4 Press **▶▶** (▶) on the remote control to choose next PAGE (Folder, Files) in stop mode. Press **◀◀** (◀) for previous PAGE (Folder, Files) in stop mode.

When pressing **▶▶** or **◀◀** during play back mode, the next or previous file is played back.

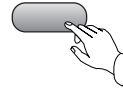
When you know the file number, enter MP3 file number using the numeric buttons on the remote control and then press the [PLAY] button.

REPEAT PLAY

When playing a disc, this function can be used to repeatedly play a title, chapter, track or disc.

Press the "REPEAT" button, the screen shows orderly.

REPEAT



Note:

Press REPEAT to cancel the repeat function.

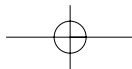
• DVD

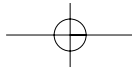


• CD



• MP3 (This function should be operated in stop mode.)





PLAYING A DESIRED SCENE

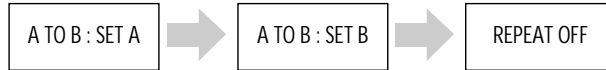
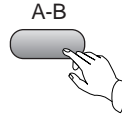
REPEATING A DEFINED PERIOD FROM A TO B (DVD)

Note:

A MP3 disc may not be repeated from A to B.

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

1. Press "A-B" to set a starting point A.
2. Press "A-B" twice for an end point B.
Afterwards, the unit plays from A to B.
3. Press "A-B" three times to remove A-B repeat.



SELECT A SUBTITLE LANGUAGE

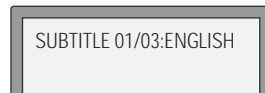
When you play a multi-subtitle DVD, you may select one subtitle to show it on the screen.

Note:

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

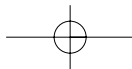
- 1** Keep pressing the [SUBTITLE] button till the user's preferred language appears.

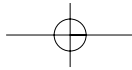
If a DVD disc includes subtitle information, every time the user presses the [SUBTITLE] button, ENGLISH, FRENCH, SPANISH and others appear one by one.



- 2** Remove the subtitle.

Press SUBTITLE until the screen shows "SUBTITLE OFF".





PLAYING A DESIRED SCENE

SEARCHING

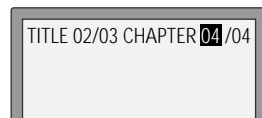
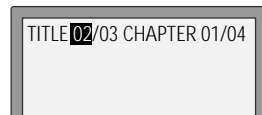
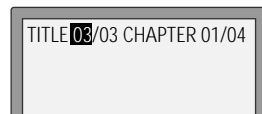
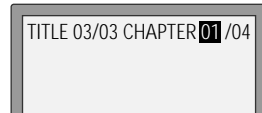
SEARCHING DVD WITH A TITLE or CHAPTER NUMBER

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

1 Search a title or a chapter.

Example: Search chapter 4 in title 2.

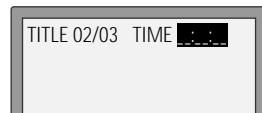
- Press SEARCH, the screen shows:
- Press the left direction button to move the cursor on title number.
- Press button 2 to select title 2, the screen shows:
- Press the right direction button and button 4 to select chapter 4.



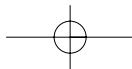
Press PLAY button, then the playback mode starts at chapter 4 of title 2.

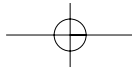
2 Time Search

- Press SEARCH twice, the screen shows:
- Press number buttons to enter hour, minute and second.



Press PLAY button, then playback mode starts at your enter time.





PLAYING A DESIRED SCENE

SEARCHING CD OR CD-R WITH A DISCS OR TRACK TIME

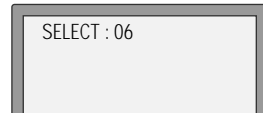
- You may directly enter a disc or track time to search fast on a disc. The unit plays from the point.

1 TRACK SEARCH

Press button 6 to select track 6.

The screen shows ;

“SELECT:06” and play track 6.



2 TIME SEARCH

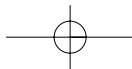
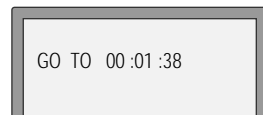
Example) to search time 1minute 38 seconds

Press SEARCH, the screen shows ;

“GO TO : _ : _ : _”.

Press button 0, 0, 0, 1, 3, 8 to enter the time, the screen shows ;

“GO TO : 00:01:38” and play at the time.



PLAY DISCS IN VARIOUS WAYS

SELECT ANGLE

Note:

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

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 the [ANGLE] button till the preferred angle appears.

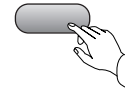
 2/4 (select ANGLE2)

 3/4 (select ANGLE3)

 4/4 (select ANGLE4)



ANGLE

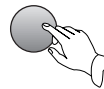


ZOOM PLAY

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

- 1 Press the "ZOOM" button when playing, the screen changes as shown on the right:

ZOOM



- ① ZOOM X1.5
- ② ZOOM X2
- ③ ZOOM X3
- ④ ZOOM OFF

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

MARK

Once memorising a scene, the user may watch it anytime.

Note:

If you erase a book mark function, press "MARK" button.

- 1 To memorise a scene,
 - press [MARK] button while DVD playing. The screen shows ; STORE MARK1.
 - Press direction button [▲/▼] to select the saving number, up to 3 scenes can be memorized.
 - Press PLAY button to memorize the scene.



- 2 To play a memorised scene, press [MARK] button twice. Press [▲/▼] button to get the desired scene and press PLAY(ENTER) button. Playback will start from the memorised position.

PLAY DISCS IN VARIOUS WAYS

PROGRAM PLAY (CD, MP3 only)

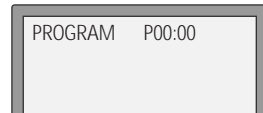
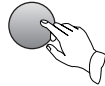


This function should be operated in stop mode.

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

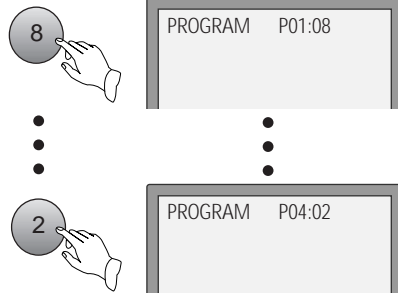
- After the unit stops, press PROGRAM to select.

PROGRAM



- Press number buttons in order, according to the track to be programmed.

Example: Press 8, play, 3, play, 5, play, 2, play



Note:

P * * : * *

— track number
— program order

- Press PLAY to start playing.

- Press PROGRAM at stop mode to remove program play.

PLAY DISCS IN VARIOUS WAYS

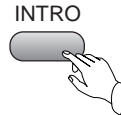
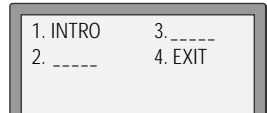
■ DIGEST PLAY (CD only)



This function should be operated in stop mode.

- 1 After the unit stops, press INTRO.

The screen shows:



- 2 Press number buttons to select a digest mode.

Press button 1 for intro mode.

The unit plays each scene for about 10–20 seconds.



■ PLAYING DivX DISC ON CD-R(W)

- 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 the subtitle file you want using the direction button and press the [SUBTITLE] button. A message shows on TV: " DIVX SUBTITLE SELECTED"
- 3 Move the cursor to the DivX file you want using the direction button and press the [PLAY] button. Then play will start automatically.

Press the [SUBTITLE] button again to exit the display of [SUBTITLE].



YOUR DVD PLAYER CAN PLAY:

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

PLAY DISCS IN VARIOUS WAYS

■ PLAY MP3 OR JPEG

Note:

If you go to Menu screen or File list during Playback mode, press STOP button.

■ SELECT TRACKS

1. The screen will display after the disc is loaded.
2. You can select the file you want using the direction buttons.
3. Press the PLAY button after selecting the file you want.

The file will be played back.

Note: You can also select the desired track using number buttons.

■ SELECT REPEAT PLAYBACK MODE

After the unit stops, press the REPEAT button to select "REPEAT ONE", "REPEAT FOLDER", "REPEAT DISC" and "REPEAT OFF".

- REPEAT DISC mode: repeat the disc
- REPEAT ONE mode: repeat the current item
- REPEAT FOLDER mode: repeat the items in the current directory

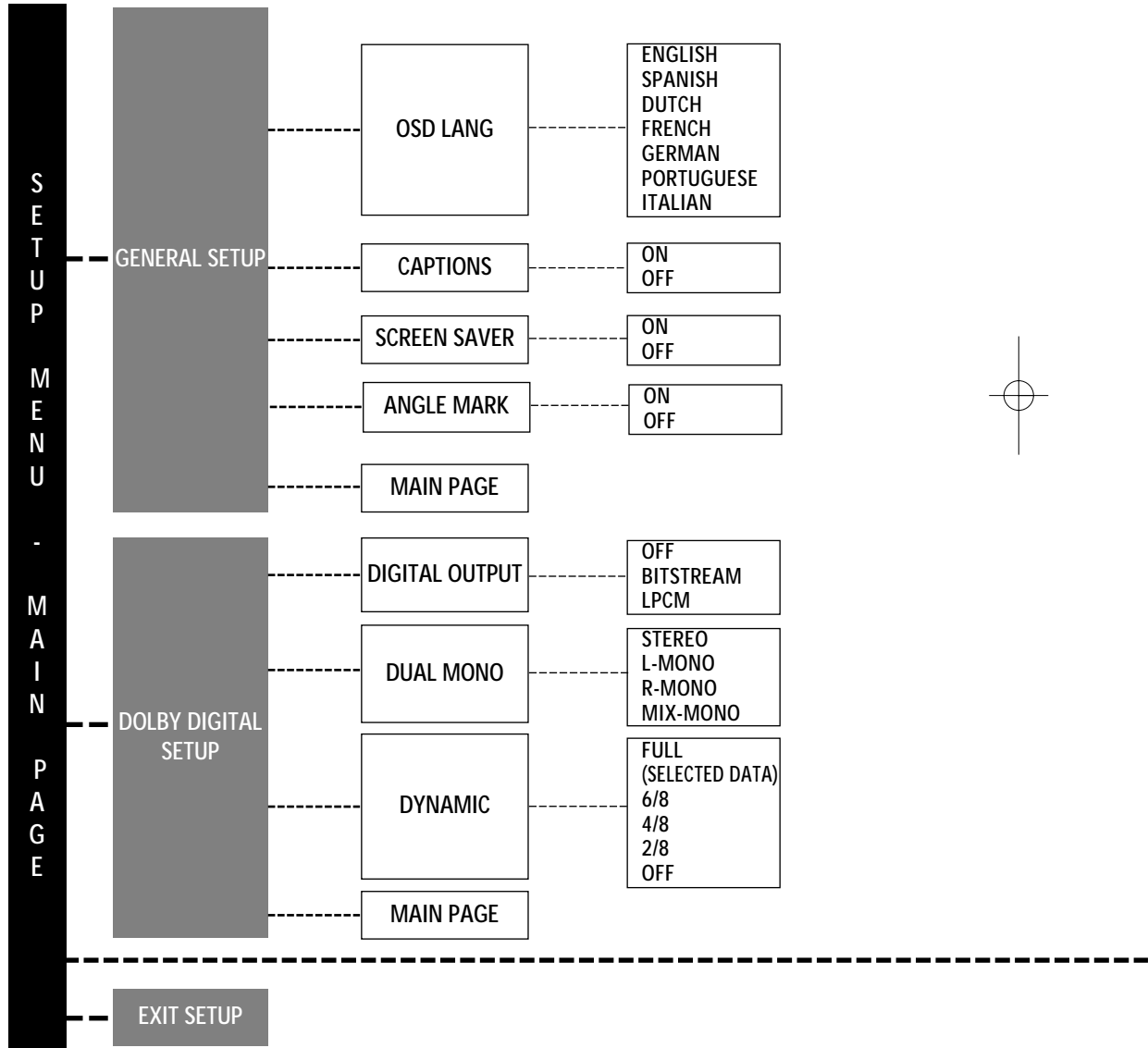
■ PLAY JPEG BY ZOOM OR ROTATING OPERATING

The screen will show "ZOOM ON" when you press the ZOOM button under playing status, the current picture can be zoomed by pressing ►► or ◀◀ button, and the screen will also show the zoom ratio of the picture (ZOOM 025 PCT, ZOOM 050 PCT, ZOOM 100 PCT, ZOOM 150 PCT, ZOOM 200 PCT). The picture will restore to the normal status if you press the PLAY button under the ZOOM status.

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.



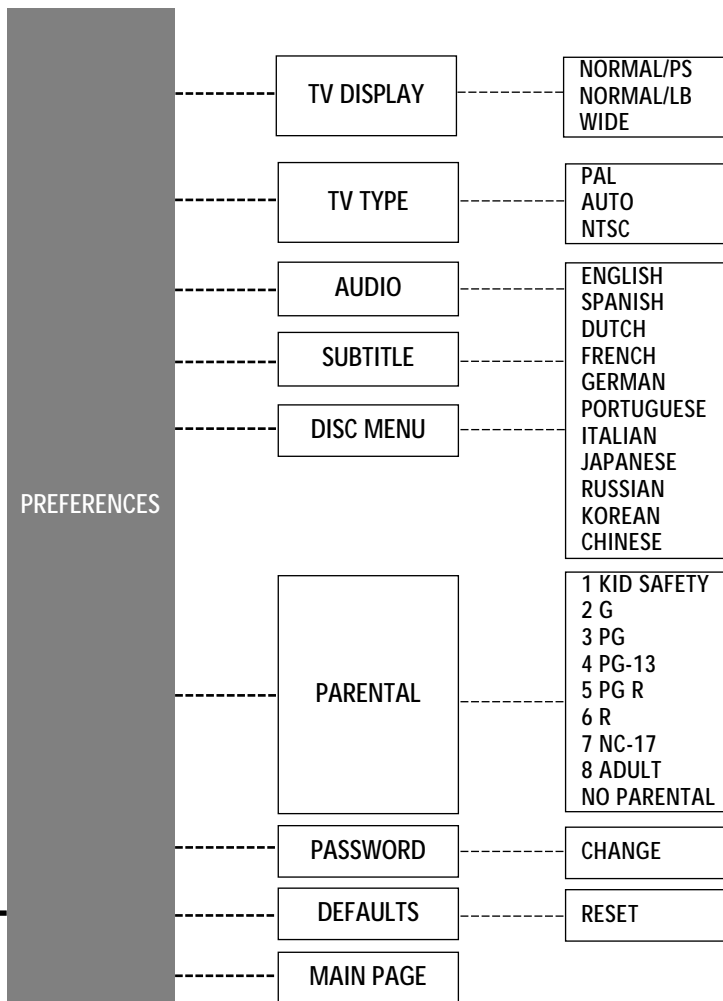
FUNCTION SETTING

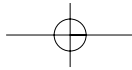
BASIC NAVIGATION

Navigate through the setting on the screen, use the direction buttons to scroll through the list of settings and use the "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

■ GENERAL SETUP

Note:

*"OSD" means
"On Screen
Display".*

■ OSD LANGUAGE

When you select a language, the screen shows this language.

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

■ CAPTIONS

The hidden subtitle is shown or turned off.

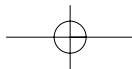
■ SCREEN SAVER

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

■ 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

■ DOLBY DIGITAL SETUP

■ DIGITAL OUTPUT

- **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). The power amplifier to be connected must have the function that can play the Dolby Digital, DTS and MPEG DVD.
- **LPCM**
Select this when the DVD player is connected with a TV or a power amplifier through an audio cord.

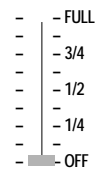
■ DUAL MONO

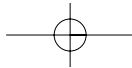
This is the output mode of the L and R signals of the set audio output. If it is set to "MIX-MONO", the function only works when the DVD being played is 2.0-channel.

- **STEREO**
Choose this option, the audio output should be a dummy stereo signal.
- **L-MONO**
- **R-MONO**
- **MIX-MONO**

■ DYNAMIC

Set "OFF" to view a program in the dynamic range as recorded in the disc. If you hear loud sounds softer and soft sounds louder, set "FULL".





FUNCTION SETTING

PREFERENCE SETUP

TV DISPLAY

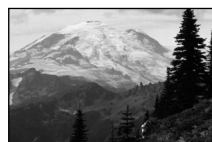
- 1** **NORMAL/PS**
This is selected when the unit is connected with a normal TV. Wide-screen images are shown on the screen, but with some parts cut automatically.



- 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** **WIDE**
This is selected when the unit is connected with a 16:9 wide-screen TV.



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.

AUDIO

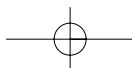
Selecting an audio language.

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

SUBTITLE

Selecting Subtitle language.

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



FUNCTION SETTING

■ DISC MENU

Selecting Disc Menu language.

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

■ 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 KID SAFETY", the scenes of violence inadvisable to children are not played.

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

Note:

The password is set by yourself.

Note:

The password is 3308 when the unit is turned on initially or you forget the password.

■ PASSWORD

Select a "PASSWORD" in the PREFERENCE SETUP menu to setup password, input a password. Enter a password according to the screen.

CHANGE PASSWORD	
OLD PASSWORD	<input type="text"/>
NEW PASSWORD	<input type="password"/>
CONFIRM PASSWORD	<input type="password"/>
PLEASE ENTER OLD PASSWORD	

■ DEFAULTS >> 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.
- **BAD SOUND QUALITY**
 - Make sure the audio output mode is set correctly.
 - Make sure the audio connection between the unit and amplifier is right.
- **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.
- **NO MICRO PHONE SOUND**
 - Switch on the microphone.
 - Turn the MIC LEVEL knob clockwise.
- **SCREAMING**
 - Keep the phone far away from the speaker
 - Turn down the volume
 - Turn down the volume of micro-phone.
- **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 : $2.0 \pm 0/-0.2$ Vrms (Load impedance : $1,0K\Omega$)
	Digital	output level : 0.5 ± 0.1 Vp-p (Load impedance : 75Ω)
Output Video	Composite	output level : 1.0 ± 0.1 Vp-p (Load impedance : 75Ω , imbalance, negative polarity)
	S-video	output level : brightness (Luma) 1.0 ± 0.1 Vp-p chromaticity (Colour) $0.286 \pm 20\%$ (Load impedance : 75Ω)
	RGB	0.5 Vp-p 75% white
Power supply		100-240V ~, 50/60Hz
Power consumption		< 12W
Dimensions (W x H x D)		430 x 38 x 260 mm
Weight (Gross/ Net)		About 3.5Kgs/ 2.6Kgs

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