

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



## 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 to persons.



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

## IMPORTANT SAFEGUARDS

- 1) Read Instructions - All the safety and operating instructions should be read before the product is operated.
- 2) Retain Instructions - The safety and operating instructions should be retained for future reference.
- 3) Heed Warnings - All warnings on the product and in the operating instructions should be adhered to.
- 4) Follow Instructions - All operating and use instructions should be followed.
- 5) Cleaning - Unplug this product 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 not recommended by the product manufacturer as they may cause hazards.
- 7) Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
- 8) Accessories - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- 9) A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
- 10) Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product 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.
- 11) Power Sources - This product 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 product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 12) Grounding or Polarization - This product may be 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 should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 13) 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, convenience receptacles, and the point where they exit from the product.
- 14) Lightning - For added protection for this product 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 product due to lightning and power-line surges.
- 15) Power lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 16) Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 17) Object and Liquid Entry - Never push objects of any kind into this product 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 product.
- 18) Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 19) Damage Requiring Service - Unplug this product 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 product,
  - c) If the product has been exposed to rain or water,
  - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
  - e) If the product has been dropped or damaged in any way, and
  - f) When the product exhibits a distinct change in performance - this indicates a need for service.
- 20) Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 21) Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 22) Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

PORTABLE CART WARNING  
(Symbol provided by RETAC)



S3125A

**INSTRUCCIONES EN ESPAÑOL INCLUIDAS.**

If you need additional assistance for set-up or operating  
after reading owner's manual, please call  
**TOLL FREE : 1-800-287-4871**

Please read before using this equipment.

## PRECAUTIONS

### LASER SAFETY

This player employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.

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

**CAUTION:** VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. DO NOT STARE INTO BEAM.

**LOCATION:** INSIDE, ON THE DECK MECHANISM.

**FCC WARNING-** This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

### RADIO-TV INTERFERENCE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1) Reorient or relocate the receiving antenna.
- 2) Increase the separation between the equipment and receiver.
- 3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4) Consult the dealer or an experienced radio/TV technician for help.

**This Class B digital apparatus complies with Canadian ICES-003.**

**Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.**

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

### A NOTE ABOUT RECYCLING

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with your local recycling regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.

### About Copyright

Unauthorized copying, broadcasting, public performance and lending of discs are prohibited.

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.

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## INTRODUCTION

### Supplied Accessories

- Remote control
- Two AA batteries
- Owner's Manual
- VIDEO/AUDIO cables

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

### Symbols Used in this Manual

The following symbols appear below in some headings and notes in this manual, with the following meanings!

**DVD-V**

: Description refers to playback of DVD video discs.

**CD**

: Description refers to playback of audio CDs.

**MP3**

: Description refers to playback of MP3 discs.

**QUICK**

: Description refers to the items to be set in the QUICK mode.

## ABOUT THE DISCS

### Playable Discs

The following discs can be played back on this DVD player.

- DVD video
- DVD-R/RW\*
- DVD+R/RW\*
- Audio CD
- CD-R/RW\*
- MP3\*

\*Depending on the types or the writing method of the medium some discs can not be played.

- Some DVD-R/RW, DVD+R/RW, or CD-R/RW discs made on personal computers, or on DVD recorders may not be played back properly due to the factors such as scratches, dirt or special properties of the disc.
- Discs made on personal computers may not be played back properly due to the different environment or the settings of the application you use. We recommend always to use the standardized, rightly formatted discs. (Please contact the sales agency for more detail).

This player conforms to the NTSC color system. You cannot play discs recorded in other color systems such as PAL or SECAM.

- Some discs include region codes as shown below.



- The number inside the symbol refers to a region of the world, and a disc encoded in a specific region format can only be played back on DVD player with the same region code.

For Customer Use:

Read carefully the information located at the bottom of your DVD player and enter below the Serial No. Retain this information for future reference.

Model No. DVD player

Serial No. \_\_\_\_\_

The following discs cannot be played back on this DVD player.

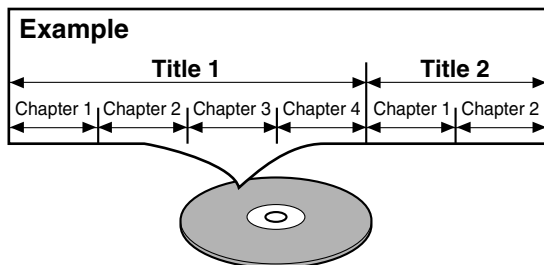
- DVD with region codes other than 1 or ALL.
- DVD-ROM
- DVD-RAM (Never play back, otherwise malfunction may result.)
- CD-ROM
- VSD
- CDV (Only plays back the audio part.)
- CD-G (Only plays back the sound.)
- CD-I (Never play back, otherwise malfunction may result.)
- SACD
- Photo CD (Never play back, otherwise malfunction may result.)
- Video CD (Never play back, otherwise malfunction may result.)

*Any other discs without compatibility indications.*

### Disc Types

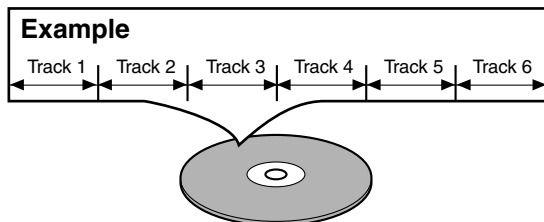
#### [DVD]

Data on a DVD is divided into sections called "titles", and then into subsections called "chapters", each of which is given a title or chapter number. Playback conditions are preset on some DVD video discs, and these playback conditions take priority over user operations on this player. If a function you selected do not run as desired, refer to the manual accompanying the disc.



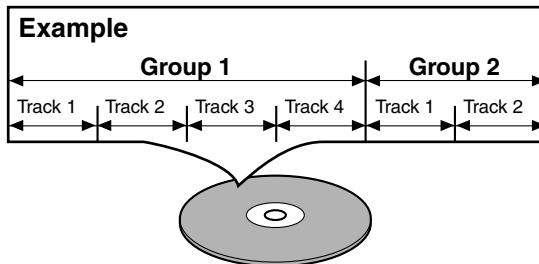
#### [Audio CD]

Data on an audio CD is divided into sections called "tracks", each of which is given a track number.



#### [MP3]

Data on a MP3 is divided into sections called "groups", and then into subsections called "tracks", each of which is given a group or track number.



## FEATURES

- **Dolby Digital sound**

This player can handle Dolby Digital surround sound having 5.1 channels when connected to a Dolby Digital decoder.

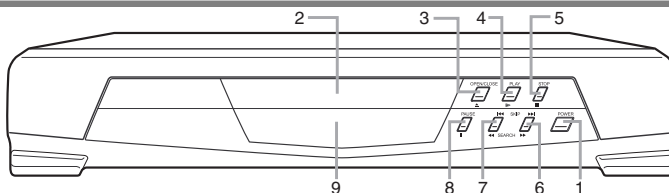
- **Still/fast/slow/step playback**
- **Random playback for audio CD and MP3**
- **Program playback for audio CD and MP3**
- **DVD menus in a desired language**
- **Screen saver/Auto power-off functions**  
The screen saver program starts when there is no input from the player for five minutes in the stop mode. When the screen saver program is activated for 30 minutes, the power is automatically turned off.
- **Subtitles in a desired language**
- **Selecting a camera angle**
- **Choices for audio language and sound mode**
- **Parental lock**
- **Automatic detection of discs**  
This player automatically detects if a loaded disc is DVD, audio CD or MP3 on disc.
- **Playing an MP3 disc**
- **Direct Search**
- **On-screen display**

Information about the current operation can be displayed on a TV screen, allowing you to confirm the currently active functions (such as program playback), on the TV screen using the remote control.

- **Search**  
Chapter search / Title search / Track search / Time search
- **Repeat**  
Chapter / Title / Track / Group / All / A-B
- **Zoom**
- **Marker**  
The part designated by user can be called back.
- **Resume Play**
- **Virtual Surround**
- **Component Video Out Jacks**  
Jacks located on the back of the DVD Player which are used to send high-quality video to a TV via Component Video In Jacks.
- **Dimmer**
- **Bit rate indication**
- **DRC (Dynamic range control)**  
You can control the range of sound volume.
- **Black Level Setting**

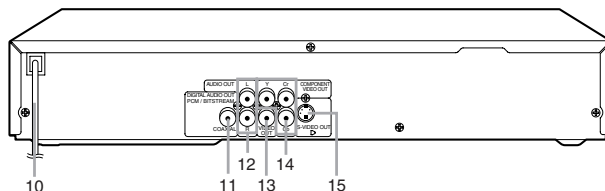
## FUNCTIONAL OVERVIEW

### FRONT PANEL



[Fig. 1]

### REAR VIEW

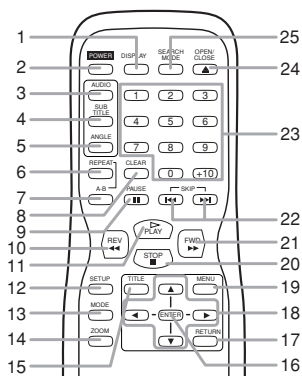


[Fig. 2]

1. **POWER**  
to switch the player to ON or OFF
2. **Disc tray**
3. **OPEN/CLOSE**  
to open/close the disc tray
4. **PLAY**  
to start or resume disc playback
5. **STOP**  
to stop playback
6. **SKIP ►►► / SEARCH ►►►**  
goes to next chapter or track during playback; press and hold for 1.5 seconds for a forward search
7. **SKIP ◄◄◄ / SEARCH ◄◄◄**  
goes to previous chapter or track during playback; press and hold for 1.5 seconds for a reverse search
8. **PAUSE**  
to pause the current disc operation
9. **Display**
10. **MAIN (AC Power Cord)**  
connect to a standard AC outlet
11. **COAXIAL (Digital audio out)**  
connect to AUDIO inputs of a digital (coaxial) audio equipment
12. **AUDIO OUT (Left/Right)**  
connect to AUDIO inputs of an amplifier, receiver or stereo system
13. **VIDEO OUT**  
connect to the Video Input of a TV.
14. **COMPONENT VIDEO OUT**  
connect to a TV with Component video in jacks.
15. **S-VIDEO OUT**  
connect to a TV with S-Video inputs

**Caution: Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the player.**

### REMOTE CONTROL

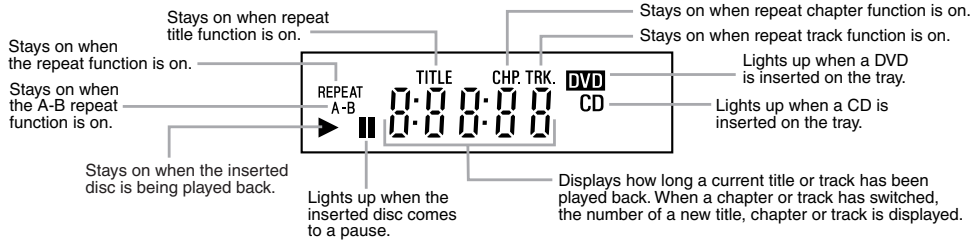


[Fig. 3]

1. **DISPLAY**  
to access or remove the display screen during DVD or Audio CD playback
2. **POWER**  
switch DVD player ON or OFF
3. **AUDIO**  
to choose audio languages or sound modes
4. **SUBTITLE**  
subtitle language DVD selector
5. **ANGLE**  
select DVD camera angle
6. **REPEAT**  
repeat chapter, track, title, all.
7. **REPEAT A-B**  
repeat a specific segment
8. **CLEAR**  
to reset the setting
9. **PAUSE**  
pause playback temporarily / frame-by-frame playback
10. **REV ◄◄**  
to view DVD picture in fast reverse motion
11. **PLAY**  
to start a DVD disc playback
12. **SETUP**  
to access or remove the DVD setup menu
13. **MODE**  
to set up programmed or random playback (Audio CD) to set the black level and virtual surround during DVD playback
14. **ZOOM**  
enlarge DVD video image
15. **TITLE**  
to display title menu of a disc
16. **ENTER**  
acknowledge menu selection
17. **RETURN**  
to return previous or remove setup menu
18. **Arrow (◄ ► ▲ ▼)**  
(left/right/up/down) select an item in the menu
19. **MENU**  
to display the menu of the DVD disc
20. **STOP**  
to stop a DVD disc playback
21. **FWD ►►►**  
to view DVD picture in fast forward motion
22. **SKIP ◄◄◄, ►►►►**  
to skip chapter/tracks
23. **0-9 numerical buttons**  
select numbered items in a menu
- +10**  
use this button to enter number 10 and above
24. **OPEN/CLOSE**  
to open/close the disc tray
25. **SEARCH MODE**  
to locate a desired point

## FUNCTIONAL OVERVIEW

### Display



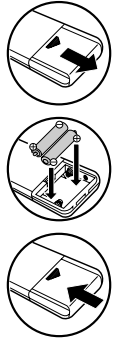
[Fig. 4]

### Displays During Operation

	Power on
	No disc inserted or playing DVD Menu
	Tray open
	Tray closed
	Loading the Disc
	Power off

### Loading the Batteries

1. Open the battery compartment cover.
2. Insert two AA batteries, with each one oriented correctly.
3. Close the cover.



#### NOTES

- Do not mix alkaline and manganese batteries.
- Do not mix old and new batteries.

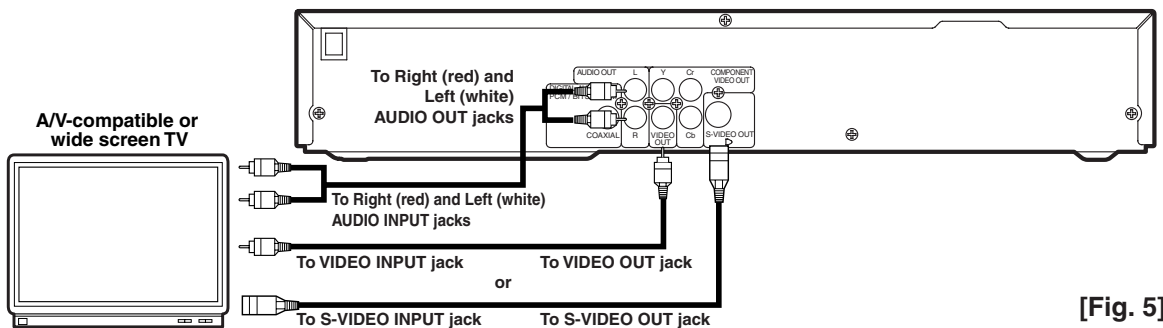
## HOOK UPS

### CAUTION:

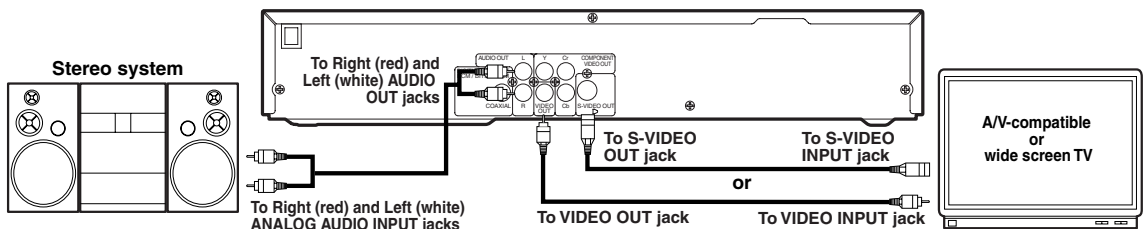
- Be sure to turn off the Player and equipment to be connected before connecting.
- Read through the operation manual for the equipment to be connected.
- Be sure that the colors of the jacks and plugs match up when using VIDEO/AUDIO cables.
- Be sure to keep the Player connection cables separate from the TV antenna cable when you install the Player, because it may cause electrical interference when you are watching television programs.

### Connecting to a TV using a VIDEO OUT Jack or a S-VIDEO OUT Jack

Use an S-Video cable (commercially available) in place of the yellow video cable to enjoy pictures at higher quality.



[Fig. 5]



[Fig. 6]

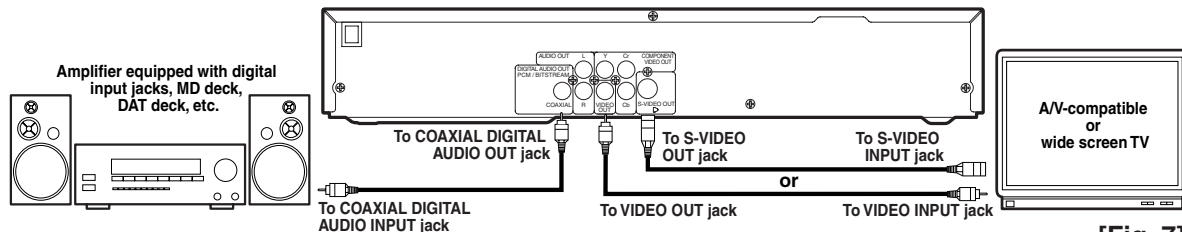


**NOTES:**

- Connect the DVD player directly to a TV. If the A/V cables are connected to a VCR, pictures may be distorted due to the copy protection system.
- Be sure to turn off the power to all components in the system before connecting another component.
- Refer to the Owner's Manuals for your TV, stereo system and any other components to be connected to the DVD player.

**Connecting to an Amplifier Equipped with Digital Input Jacks such as MD deck or DAT deck**

Use an audio coaxial digital cables (not included) for the audio connections. Connecting to an amplifier equipped with digital input jacks such as MD Deck or Dat Deck.



**[Fig. 7]**

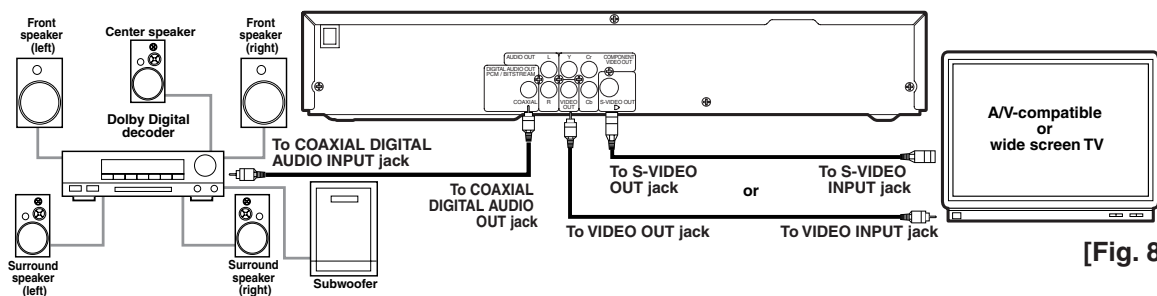
**NOTES:**

- The audio source on a disc in a 5.1 channel Dolby Digital surround format cannot be recorded as digital sound by an MD or DAT deck.
- Set Dolby Digital to off for audio output in the setup mode. Playing a DVD using incorrect settings may generate noise distortion, and may also damage the speakers. (See page 13 to set ON for Dolby Digital)

**Connecting to a Dolby Digital decoder**

If using this DVD player to playback a DVD in a 5.1 channel Dolby Digital surround, the DVD player outputs a Dolby Digital data stream from its COAXIAL DIGITAL AUDIO OUT jack. By hooking the player up to a Dolby Digital decoder, you can enjoy a more convincing, realistic ambience with powerful and high-quality surround sound of a professional standard such as can be heard in movie theaters.

Use an audio coaxial digital cables (not included) for the audio connections.

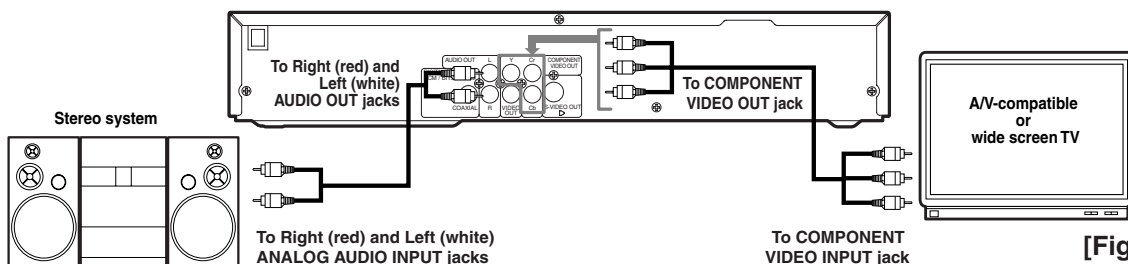


**[Fig. 8]**

**NOTES:**

- If using Dolby Digital audio, connect to a Dolby Digital decoder, and set Dolby Digital to on for audio output in the setup mode.
- Unless connected to a Dolby Digital decoder, set Dolby Digital to off for audio output in the setup mode. Playing a DVD using incorrect settings may generate noise distortion, and may also damage the speakers.

**Connecting to a TV or a Stereo TV that has Component VIDEO In Jacks**



**[Fig. 9]**

**HOW TO CONNECT TO A TV WITHOUT AUDIO/VIDEO INPUT JACKS**

If your TV does not have RCA type audio and video input jacks it is still possible to connect this DVD player to your TV's 75-ohm coaxial antenna terminal using a commercially available Stereo Audio/Video RF Modulator. Connect the audio and video outputs of the DVD player to the audio and video inputs on the RF Modulator, and then connect the coaxial output of the RF Modulator (usually marked "TO TV") to the 75 ohm coaxial antenna terminal on your TV. Follow the instruction supplied with the RF Modulator for more details.

If your TV's 75 ohm coaxial antenna terminal is already occupied by an antenna or cable box connection, remove that cable from your TV's antenna terminal and reconnect it to the coaxial antenna input terminal of the RF Modulator (usually marked "ANT IN"), then connect the RF modulator to your TV's antenna terminal as described above.

**NOTE**

- The picture quality from DVD discs will not be as good if the DVD player is connected to the TV's antenna terminal through an RF Modulator.



## Basic Playback

DVD-V CD

## Getting started

- Turn on the power of the TV, amplifier and any other components which are connected to the DVD.
- Make sure the TV and audio receiver (commercially available) are set to the correct channel.

1 Press **POWER**.

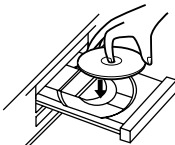
- "P-ON" will appear briefly on the display panel.

2 Press **OPEN/CLOSE** to open disc loading tray.

## 3 Place the chosen disc in the tray, with the label facing up.

4 Press **PLAY**.

- The tray will close automatically, and playback will then start from the first chapter or track of the disc. If the playback does not start automatically, press **PLAY**.
- When you playback the DVD which a title menu is recorded, it may appear on the screen. In this case, refer to "TITLE MENU".

5 Press **STOP** to stop playback.

## NOTES:

- A "prohibited icon" may appear at the top-right on the TV screen during operation, warning that a prohibited operation has been encountered by the DVD player or the disc.
- With DVDs that use some titles for playback program signals, playback may start from the second title, or it may skip these titles.
- During the playback of two layered disc, pictures may stop for a moment. This happens when the 1st layer switches to the 2nd layer. This is not a malfunction.



## General Features

DVD may contain menus to navigate the disc and access special features. Press the appropriate numerical key or use **Arrow** (▼/▲/▶/◀) to highlight your selection in the DVD main menu and press **ENTER** to confirm.

## NOTE:

- Unless stated, all operations described are based on remote control use. Some operations can be carried out using the menu bar on the TV screen.

## Pause

DVD-V CD

1 During playback, press **PAUSE**.

- Playback will pause and sound will be muted.


2 To continue playback, press **PLAY**.

## Disc Menus

DVD-V

1 Press **MENU**.

- The DVD main menu will appear.

2 If the feature is not available,  symbol may appear on the TV screen.

## 3 If disc menu is available on the disc, audio language, subtitle options, chapters for the title and other options will appear for selection.


4 Press **Arrow** (▼/▲/▶/◀) to select an item, and **ENTER** to confirm selection.

## Title Menu

DVD-V

1 Press **TITLE**.

- The title menu will appear.

2 If the feature is not available,  symbol may appear on the TV screen.3 Press **Arrow** (▼/▲/▶/◀) to select an item, and **ENTER** to confirm selection.

- Playback will begin at the selected Title.

## CALLING UP A MENU SCREEN DURING PLAYBACK

DVD-V

- Press **MENU** to call up the DVD main menu.
- Press **TITLE** to call up the title menu.

## NOTE:

- Contents of menus and corresponding menu operations may vary between discs. Refer to the manual accompanying the disc for details.

## Step by Step Playback

DVD-V

1 During playback, press **PAUSE**.

- Playback will pause and sound will be muted.

2 The disc goes forward by one frame each time **PAUSE** is pressed.3 To exit step by step playback, press **PLAY**.

## Resume

DVD-V CD

1 During playback, press **STOP**.

- Resume message will appear on the TV screen.

2 Press **PLAY**, playback will resume from the point at which playback was stopped.

- To cancel resume, press **STOP** twice.

## Fast Forward / Reverse Search

DVD-V CD MP3

- During playback, press **FWD** or **REV** repeatedly to select the required forward or reverse speed: x2, x8, x50, x100.
  - If you are using **SKIP** / **SEARCH** on the front panel, press and hold it for more than 1.5 sec (the longer you hold it, the faster the speed will be). When you reach the desired speed, release the button.
  - For audio CDs, the speed is fixed at x16.
  - For MP3, the speed is fixed at x8.
- To return to normal playback, press **PLAY**.

## Slow Forward / Slow Reverse

DVD-V

- During playback, press **PAUSE**.
- Press **FWD** or **REV**.
  - Slow motion playback will begin and sound will be muted.
- Press **FWD** or **REV** repeatedly to select the required speed: 1/16, 1/8, 1/2 of the normal playback.
  - If you are using **SKIP** / **SEARCH** on the front panel, press and hold it for more than 1.5 sec (the longer you hold it, the slower the speed will be). When you reach the desired speed, release the button.
- To return to normal playback, press **PLAY**.

## Zoom

DVD-V

The Zoom function allows you to enlarge the video image and to pan through the enlarged image.

- Press **ZOOM** during playback.
  - Playback will continue.
- Press **ZOOM** repeatedly to select the required zoom factor: x2, x4 or OFF.
- Use **Arrow** (▼/▲/▶/◀) to move the zoomed picture across the screen.
- To exit zoom mode, press **ZOOM** to OFF.

## NOTES:

- Zooming function does not work while disc menu is shown.
- x4 zoom is not available on some discs.

## Track

CD

There are three ways to begin playback on an Audio CD at a specific Track.

## Using the Numerical buttons

- Press **numerical buttons** to enter the desired Track number.
  - Playback will start at the selected track.
  - For single digit tracks (1-9), press a single number (eg. track 3, press 3).
  - To play track 26, press +10, 2, 6 on the numerical button.

## Using the SEARCH MODE

- Press **SEARCH MODE**.
  - The track search display appears.

- Within 30 seconds, select a desired track number using **numerical buttons**. For single digits press "0" first.
  - Playback will start at the selected track.

## Using the SKIP

During playback, press **SKIP** to move to the next track. Press it repeatedly to skip subsequent tracks. Press **SKIP** to go back to the beginning of the current track. Press it repeatedly to go to the previous tracks.

- Track number will appear briefly on the DVD display panel.
- If **SKIP** is pressed while the playback is paused, the playback will be paused again after skipping to the next track.

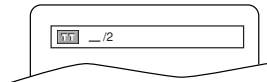
## NOTE:

- SKIP** are not available when playback is stopped.

## Title / Chapter Search

DVD-V

- Press **SEARCH MODE** once for the Chapter search, twice for the Title search during playback.



- Enter the desired chapter/title number using **numerical buttons**.

## Time Search

DVD-V CD

- During playback, press **SEARCH MODE** three times (CD: twice) to display the Time Search on the TV screen.
- Within 30 seconds, enter a desired disc time using **numerical buttons**.
  - Playback will start at the specified time.
- Press **CLEAR** to erase the incorrect input.

## Repeat

- REPEAT** are available only during playback.

## REPEAT TITLE / CHAPTER

DVD-V

To activate the repeat function, press **REPEAT** during playback.

- The repeat mode changes as described below every time you press the button.



## NOTES:

- Repeat Title/Chapter is not available with some scenes.
- The **REPEAT** setting will be cleared when moving to other title or chapter.

## REPEAT TRACK

CD

To activate the repeat function, press **REPEAT** during playback.

- The repeat mode changes as described below every time you press the button.



## NOTES:

- The REPEAT setting will be cleared when moving to other track.
- Repeat playback does not function during repeat A-B playback.

## REPEAT A-B

DVD-V CD

- Press **REPEAT A-B** at your chosen starting point.
  - A-** appears briefly on the TV screen.
- Press **REPEAT A-B** again at your chosen end point.
  - A-B** appears briefly on the TV screen, and the repeat sequence begins.
- To exit the sequence, press **REPEAT A-B**.

## NOTES:

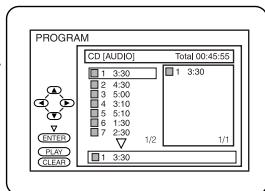
- The repeat A-B section can only be set within the current title (for DVDs), or current track (for audio CDs).
- Repeat A-B is not available with some scenes in DVD.
- To cancel the A point which was set, press **CLEAR**.
- Repeat A-B playback does not function during title, chapter, track or all repeat playback.

## Program

CD

You may determine the order in which tracks will play.

- In stop mode press **MODE**.
  - The PROGRAM screen will appear.
- Press **▲** or **▼** to select a track, then press **ENTER**.
  - Press **CLEAR** to erase the most recently entered program.
- Press **PLAY** to play the programmed tracks.



## NOTES:

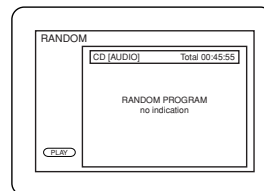
- While the program is being played back, the **STOP** works as follows.
  - Press **STOP** once and then **PLAY** again, playback will restart from the point where **STOP** was pressed. (Program continued)
  - Press **STOP** twice and then **PLAY** again, playback will restart from the track in the usual way. (Program cleared)
- Up to 99 programs can be entered.
- If you like to repeat the current track in the program, press **REPEAT** repeatedly until **TRACK** appears during playback. If you like to repeat the entire program press **REPEAT** repeatedly until **ALL** appears during playback.

## Random Playback

CD

This shuffles the playing order of tracks instead of playback in the sequence.

- In stop mode, press **MODE** twice.
  - RANDOM screen appears.
- Press **PLAY** to start random playback.



## NOTES:

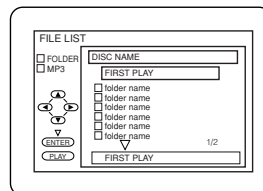
- If you like to repeat the current track in the random selection, press **REPEAT** repeatedly until **TRACK** appears during playback. If you like to repeat the entire random selection press **REPEAT** repeatedly until **ALL** appears during playback.

## MP3 Playback

MP3

When a CD with MP3 files is inserted in the DVD player, the MP3 menu will appear on the TV screen, and number of tracks is displayed on the front panel.

- In stop mode, press **▲** or **▼** to select the desired group or track.
  - If a group is selected, press **▶** or **ENTER** to go on to the track selection screen. Press **▲** or **▼** to choose a track, then press **PLAY** or **ENTER**.
  - If a track is selected, press **PLAY** or **ENTER** to start playing tracks. Starting from the one you've just chosen the subsequent tracks will be played.
    - Choose **FIRST PLAY** to start playback from the beginning of the listed tracks.
    - Press **TITLE** to return to the first item.
- Press **STOP** to stop playback.



## NOTES:

- Folders are known as Groups; files are known as Tracks.
- MP3 files are accompanied by **[3]** icon.
- Maximum of 255 folders can be recognized.
- Maximum of 256 files can be recognized.
- Up to 8 hierarchies can be created.

This player recommends the use of files recorded at the below specifications:

- Sampling frequency: 44.1kHz or 48kHz
- Constant bit rate: 112kbps ~ 320kbps.

## On-Screen Information

MP3

You can check the MP3 files during playback.

- Press **DISPLAY**.
  - The name of the file currently in play will be displayed.
- Press **DISPLAY** again to show the track number, the elapsed time, the repeat status, and the playback status at the top of the screen.
  - [T]** will be displayed when the repeat play has been selected.
    - [T]** - indicates Track repeat
    - [G]** - indicates Group (folder) repeat
    - [A]** - indicates Disc repeat
- Press **DISPLAY** again to exit.

## Track Selection

MP3

- 1** Press **SEARCH MODE** during playback.
  - The FILE LIST will appear.
- 2** Select a desired track using **Arrow** (▼/▲/▶/◀).
  - Press ▶ when you want to go to the next hierarchy.
  - Press ◀ when you want to go back to the previous hierarchy.
- 3** Press **PLAY** to start playing

## NOTES:

- Press **SEARCH MODE** to EXIT.
- Some selections may take a while to be recognized.

## Random Playback

MP3

- 1** Press **MODE** twice while playback is stopped.
- 2** Press **PLAY** to play the tracks in random order.

## Program

MP3

This feature allows you to program a mp3 disc to play in a desired sequence.

- 1** Press **MODE** when playback is stopped.
  - The PROGRAM screen will appear.
- 2** Press ▲ or ▼ to select a track, then press **ENTER**, to save it in a program.
  - Press **CLEAR** to erase the incorrect input.
- 3** Press **PLAY** to start programmed playback.

## Audio Language

DVD-V

The DVD player allows you to select a language during DVD disc (if multi language available) playback.

- 1** Press **AUDIO** during playback.
- 2** Press **AUDIO** repeatedly to select your desired language.

## Stereo Sound Mode

CD

- 1** Press **AUDIO** repeatedly during playback to select between STEREO, L-CH or R-CH.

STEREO - both right and left channels are active (stereo)

L-CH - only left channel is active

R-CH - only right channel is active

## NOTE:

- If the Virtual Surround setting is ON, the sound mode will be fixed to STEREO, and can not be changed.

## Subtitle Language

DVD-V

The DVD player allows you to select a language for subtitle during DVD disc (if available) playback.

- 1** Press **SUBTITLE** during playback.
- 2** Press **SUBTITLE** repeatedly to select your desired subtitle language.
  - The selected language will be displayed on the display bar at the top of the screen.
- 3** To turn off subtitles, press **SUBTITLE** repeatedly until OFF appears.

## NOTES:

- Pressing **AUDIO** may not work on some DVDs with multiple audio languages (e.g. DVDs which allow audio language setting on the disc menu).
- Some discs allow audio language setting/subtitle language setting on the disc menu. (Operation varies between discs, so refer to the manual accompanying the disc.)
- If the desired language is not shown after pressing **SUBTITLE** several times, the disc does not have subtitles in that language.
- If you choose a Language that has a 3 letter language code, the code will be displayed every time you change the Subtitle language setting. If you choose any other languages, '----' will be displayed instead. (Refer to page 14.)

## Camera Angle

DVD-V

Some DVD discs contain scenes which have been shot simultaneously from various angles. You can change the camera angle when the (CAM) icon appears on the screen.

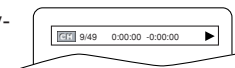
- 1** Press **ANGLE** during playback.
  - The selected angle will be displayed on the display bar at the top of the screen.
- 2** Press **ANGLE** repeatedly to select your desired angle.

## Changing the On-Screen Display

DVD-V

You can check information about the current disc by pressing **DISPLAY** on the remote control.

- 1** Press **DISPLAY** during playback to show current Chapter.



- The elapsed and remaining playing time of the current chapter will be displayed.
- 2** Press **DISPLAY** again to show current Title.
    - The elapsed and remaining playing time of the current title will be displayed.
  - 3** Press **DISPLAY** the third time.
    - The BIT RATE, layer number (if available) and the current repeat setting will be displayed.
  - 4** Press **DISPLAY** the fourth time to remove the display.

CD

- 1** Press **DISPLAY** during playback, the current Track will be displayed on the TV screen.
  - The elapsed and remaining playing time of the current track will be displayed.
- 2** Press **DISPLAY** again to show current Total Track.
  - The elapsed and remaining playing time of the current total track will be displayed.
- 3** Press **DISPLAY** the third time to remove the display.

Parental Control

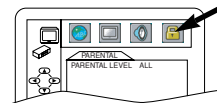
DVD-V

Parental Control limits the disc viewing that exceed your settings. (with a password or playback will stop.) This feature allows you to prevent discs with alternative scenes from being played by your children.

PARENTAL LEVEL

Parental Level allows you to set the rating level of your DVD discs. Playback will stop if the disc's ratings exceed the level you set.

- 1 Press **SETUP** in STOP mode.
  - 2 Press **▶** to select **CUSTOM**, then press **ENTER**.
  - 3 Press **◀** or **▶** to select **PARENTAL**, then press **ENTER**.
  - 4 Enter your four-digit password then press **ENTER**.
  - 5 Press **▲** or **▼** to select **PARENTAL LEVEL**, then press **ENTER**.
- To change the password, press **▲** or **▼** to select **CHANGE**, then press **ENTER**. Enter the four-digit password, then press **ENTER**.
- 6 Press **▲** or **▼** to select the desired level, then press **ENTER**.
  - 7 Press **SETUP** to exit.



NOTES:

- When doing this for the first time, enter any 4 digits. (except for 4737) That number will be used as the password from the second time onward.
- With some DVDs, it may be difficult to find if they are compatible with parental lock. Be sure to check if the parental lock function operates in the way that you have set.
- Record the password in case you forget it.

IF YOU FORGET THE PASSWORD

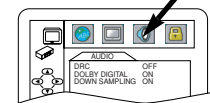
- 1 Press **4, 7, 3, 7** at step 3.
  - Password will be cleared and parental level will be set to ALL.
- 2 Proceed the above steps 3-5 again.

DVD SETUP

Audio Setting

Choose the appropriate Audio settings for your equipment as it only affect during the playback of DVD discs of the DVD player.

- 1 Press **SETUP** in STOP mode.
- 2 Press **▶** to select **CUSTOM**, then press **ENTER**.
  - CUSTOM mode will appear.
- 3 Press **◀** or **▶** to select **AUDIO**, then **ENTER** to confirm.
- 4 Press **▲** or **▼** to select the below items, then press **ENTER**.



DRC (Dynamic Range Control) :

- To compress the range of sound volume.
- The default setting is OFF.

DOLBY DIGITAL : **QUICK**

Set to ON when the player is connected to Dolby Digital Decoder.

- (ON : Output by Dolby Digital)
- (OFF : Convert the Dolby Digital to PCM)
- The default setting is ON.

DOWN SAMPLING :

- Set to ON when outputting in 48kHz.
- The default setting is ON.

When playing disc with copyright Protection

- If you select OFF, copyright protection will be activated and sound will be down sampled at 48kHz.

- 5 Press **SETUP** to exit.

CONTROL LEVELS

- **ALL**  
All parental lock is cancelled.
- **Level 8**  
DVD software of any grade (adult/general/children) can be played back.
- **Levels 7 to 2**  
Only DVD software intended for general use and children can be played back.
- **Level 1**  
Only DVD software intended for children can be played back, with those intended for adult and general use prohibited.

Marker Setup Screen

DVD-V CD

Use markers to memorise your favourite places on a disc.

- 1 Press **SEARCH MODE** four times (CD: three times) during playback.
  - The display screen and Markers will appear on the TV screen.
- 2 Press **◀** or **▶** to select 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10 and ensure that "- : - : - -" appears in the display.
- 3 When reaches the desired point, press **ENTER**.
  - The Title or Track and elapsed playing time will appear in the TV screen.
- 4 To return to the Marker later, press **SEARCH MODE** four times (CD: three times) during playback and **◀** or **▶** to choose the desired marker, then press **ENTER**.


NOTES:

- Opening the disc tray or turning off the power or select AC at step 2 and press **ENTER** will erase all Markers.
  - To clear a marker, using **◀** or **▶**, position the cursor on to the marker number to be cleared and press **CLEAR**.
  - You can mark up to 10 points.
- 5 Press **SEARCH MODE** or **RETURN** to exit.

Black Level Setting

DVD-V

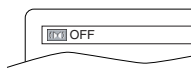
Adjust the Black Level Settings to make the black parts of the picture as bright as you preferred.

- 1 Press **MODE** during playback.
 
- 2 Press **ENTER** to switch ON/OFF.
  - ON : Makes the dark parts brighter.
  - OFF : Shows the original picture as recorded.
- 3 Press **MODE** twice or **RETURN** to exit.

Virtual Surround

You can enjoy stereophonic visual space on your existing stereo system.

DVD-V CD MP3

- 1 Press **MODE** twice (CD/MP3: once) during playback.
 
- 2 Press **ENTER** to set it 1(Natural effect), 2(Emphasized effect) or OFF.
- 3 Press **MODE** or **RETURN** to exit.

NOTE (for CD play only):

- Virtual Surround will not be effective if the sound mode is set to something other than STEREO.





## TROUBLESHOOTING GUIDE

If the DVD player does not perform properly when operated as instructed in this Owner's Manual, check the player, consulting the following checklist.

<b>Problem</b>	<b>Solution</b>
<b>No power</b>	-Check if the AC power cord is properly connected.
<b>No picture</b>	-Check if the TV is switched on. -Check the video connection
<b>Distorted picture</b>	-Sometimes a small amount of picture distortion may appear. This is not a malfunction.
<b>Completely distorted picture or black/white picture with DVD</b>	-Connect DVD player directly to the TV. -Make sure the disc is compatible with the DVD player.
<b>No sound or distorted sound</b>	-Adjust the volume. -Check that the speakers are connected correctly.
<b>No audio at digital output</b>	-Check the digital connections. -Check if the audio format of the selected audio language matches your receiver capabilities.
<b>No DTS audio is output</b>	-This player does not support DTS audio. This is not a malfunction.
<b>No sound and picture</b>	-Check that the VIDEO/AUDIO cable is connected to the correct device (See Connecting to a TV)
<b>Picture freezes momentarily during playback</b>	-Check the disc for fingerprints/scratches and clean with a soft cloth wiping from center to edge.
<b>Disc can't be played</b>	-Ensure the disc label is facing up. -Check if the disc is defective by trying another disc.
<b>No return to start-up screen when disc is removed</b>	-Reset the player by switching the player off, then on again.
<b>The player does not respond to the remote control</b>	-Aim the remote control directly at the sensor on the front of the player. -Reduce the distance to the player. -Replace the batteries in the remote control. -Re-insert the batteries with their polarities (+/- signs) as indicated.
<b>Buttons do not work or player stops responding</b>	-To completely reset the player, unplug the AC cord from the AC outlet for 5-10 seconds.
<b>Player does not respond to some operating commands during playback.</b>	-Operations may not be permitted by the disc. Refer to the instructions of the disc.
<b>DVD player cannot read CDs/DVDs</b>	-Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD player for repair.

### NOTES:

Some functions are not available in specific modes, but this is not a malfunction. Read the description in this Owner's Manual for details on correct operations.

- Playback from a desired track and random playback are not available during program playback.



## SPECIFICATIONS

### OUTPUT SIGNAL FORMAT

NTSC color

### POWER SOURCE

120 V AC +/- 10%, 60 Hz +/- 0.5%

### POWER CONSUMPTION

11 W (standby: 4.8W)

### OPERATING TEMPERATURE

5°C to 40°C

### DIMENSIONS

W 435mm

H 75mm

D 211mm

### WEIGHT

Approx 1.8kg

- Designs and specifications are subject to change without notice.
- If there is a discrepancy between languages, the default language will be English.

## MAINTENANCE

### Servicing

- Should your DVD player become inoperative, do not try to correct the problem by yourself. There are no user-serviceable parts inside. Turn off, unplug the power cord, and please call our help line at 1-800-287-4871, to locate an Authorized Service Center.

### Cleaning the Cabinet

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

### Cleaning Discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out. Do not wipe in a circular motion.
- Do not use solvents such as benzene, thinner, commercially available cleaners, detergent, abrasive cleaning agents or antistatic spray intended for analogue records.

### Cleaning the disc lens

- If the player still does not perform properly when it is operated while referring to the relevant sections and to "TROUBLESHOOTING GUIDE" in this Owner's Manual, the laser optical pickup unit may be dirty. Consult your dealer or an Authorized Service Center for inspection and cleaning of the laser optical pickup unit.

### Disc Handling

- Use discs which have the following logos on them. (Optical audio digital discs.)



- Handle the discs so that fingerprints and dust do not adhere to the surfaces of the discs.
- Always store the disc in its protective case when it is not used.

### Make your contribution to the environment!!!

- Used up batteries do not belong in the dust bin.
- You can dispose of them at a collection point for used up batteries or special waste. Contact your council for details.









## SYLVANIA HOME ENTERTAINMENT WARRANTY

We appreciate your purchase of a SYLVANIA Home Entertainment product. We take pride in the quality of our products and have manufactured your new Home Entertainment unit to exacting quality standards. We feel confident that in normal use, it will provide you with satisfactory performance. However, should you experience difficulty, you are protected under the provisions of this warranty.

SYLVANIA Home Entertainment products are warranted against manufacturing defects in materials and workmanship in normal use for the following period from the date of purchase by the original user, and is conditional upon the unit being installed and used as directed in the instruction manual.

Product	Parts and Labour
D.V.D. Players	1 year
Remote Control	90 days

SYLVANIA's obligation under this warranty shall be limited to the repair, including all necessary parts and the cost of the labour connected therewith, or at our option the exchange of any Home Entertainment product which shows evidence of a manufacturing defect within the warranty period.

Replacement parts, furnished in connection with this warranty shall be warranted for a period equal to the unexpired portion of the original equipment warranty.

### CUSTOMER OBLIGATIONS

This warranty applies to the product from the original date of purchase at retail. Therefore, the owner must provide a copy of the original, dated bill of sale. No warranty service will be performed without a bill of sale. Transportation to and from the service depot is the responsibility of the owner.

### WARRANTY EXCLUSIONS

This warranty is extended to SYLVANIA Home Entertainment products purchased and used in Canada. This warranty shall not apply to appearance or accessory items including but not limited to: antenna, cabinet, cabinet parts, knobs, batteries, connecting cables, cassette tapes, compact discs. This warranty shall, in addition, not apply to damages due to handling, transportation, unpacking, set-up, installation, customer adjustments that are covered in the instruction book, repair or replacement of parts supplied by other than the SYLVANIA authorized service depot, any malfunction or failure caused by or resulting from abnormal environmental conditions, improper unauthorized service, improper maintenance, modifications or repair by the consumer, abuse, misuse, neglect, accident, fire, flood, or other Acts of God, and incorrect line voltage.

This Home Entertainment product is only warranted to the original retail purchaser. This warranty becomes void in the event of commercial or rental use. This warranty becomes void in the event serial numbers are altered, defaced or removed.

SYLVANIA reserves the right to make changes in design or to make additions to or improvements upon this product without incurring any obligation to install the same on products previously manufactured. The foregoing is in lieu of all other warranties expressed or implied and SYLVANIA neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale or service of this product. In no event shall SYLVANIA or its SYLVANIA dealers be liable for special or consequential damage arising from the use of this product, or for any delay in the performance of this warranty due to cause beyond our control.

The purchaser may have other rights under existing provincial or federal laws, and where any terms of this warranty are prohibited by such laws, they are deemed null and void, but the remainder of the warranty shall remain in effect.

### HOW TO OBTAIN SERVICE

Should this product require service, you may obtain specific information on how to obtain service by contacting the SYLVANIA Dealer from whom this product was purchased, or by contacting us directly:

#### **SYLVANIA SERVICE**

300 Alden Road  
Markham, Ontario  
L3R 4C1

PHONE: (905) 940-5089 FAX: (905) 940-2303  
1-800-287-4871

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