

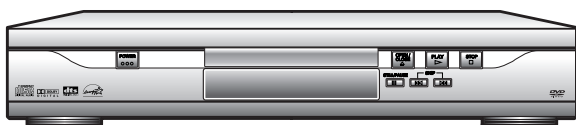
# SHARP®

## DVD Video Player

### MODEL

# DV-S1U

## OPERATION MANUAL



Please read this Operation Manual carefully before using your Unit.



For future reference, record the model and serial number (located on the rear of the Unit) in the space provided.

Model No.: \_\_\_\_\_

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

**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.



This symbol warns the user of uninsulated voltage within the unit that can cause dangerous electric shocks.



This symbol alerts the user that there are important operating and maintenance instructions in the literature accompanying this unit.

**“WARNING—FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user’s authority to operate this equipment.”**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

**INFORMATION**

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:

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

**CAUTION:**

THIS UNIT IS A CLASS 1 LASER PRODUCT.

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

AS THE LASER BEAM USED IN THIS UNIT IS HARMFUL TO THE EYES, DO NOT ATTEMPT TO DISASSEMBLE THE CABINET.

REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

As an Energy Star® Partner, SHARP has determined that this product meets the Energy Star® guidelines for energy efficiency. Energy Star is a U.S. registered mark.

# 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)



## Service

1. Do not attempt to service this Unit yourself. Instead, unplug it and contact a qualified service technician. (See **CONSUMER LIMITED WARRANTY** at the end of this manual.)
2. Be sure the service technician uses authorized replacement parts or their equivalents. Unauthorized parts may cause fire, electrical shock, or other hazards.
3. Following any service or repair, be sure the service technician performs safety checks to certify that this Unit is in safe operating order.

## Copy Protection

This Unit supports Macrovision copy protection.

On DVD discs that include a copy protection code, if the contents of the DVD disc are copied using a VCR, the copy protection code prevents the videotape copy from playing normally.

Apparatus Claims of U.S. Patent Nos. 4,631,603, 4,577,216, 4,819,098 and 4,907,093 licensed for limited viewing uses only.

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.

## Recommended Measures for Optimum Picture Excellence

This Unit is a precision device constructed using extremely accurate technology.

- The disc cannot be played if the disc drive component is worn out or if the internal pick up lens is dirty.

To obtain optimum picture quality, the Unit should be checked (cleaning and replacement of some parts) every 1,000 hours.

Note that this period varies depending on the environment (temperature, humidity, dust, etc.) in which the Unit is used.

Contact your authorized Sharp supplier for details.

## Warning of Dew Formation

Dew may form on the pickup lens in the following conditions.

- Immediately after a heater has been turned on.
- In a steamy or very humid room.
- When the unit is suddenly moved from a cold environment to a warm one.

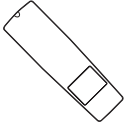

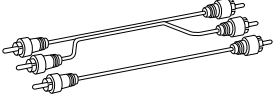
If dew forms inside this unit, it may not operate properly.

In this case, turn on the power and wait about one hour for the dew to evaporate.

## Others

It is the intent of Sharp that this product be used in full compliance with the copyright laws of the United States and that prior permission be obtained from copyright owners whenever necessary.

## SUPPLIED ACCESSORIES

<p>Remote control</p>  <p>(RRMCGA030WJSA)</p>	<p>Two "AA" size batteries (R-06)</p> 	<p>A/V cables</p>  <p>(approx. 3 feet (100 cm) long)</p>
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## SYMBOLS USED IN THIS MANUAL

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

**DVD**

: Description refers to playback of DVD video discs.

**CD**

: Description refers to playback of audio CDs.



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## **ESPAÑOL (Guía rápida de operación)**

## **INDICE**

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# FEATURES

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- **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**

Various playback modes are available including still pictures, fast forward/reverse, slow motion and step frames.

- **Random playback for audio CD and MP3**

This player can shuffle the order of tracks to play them in random order.

- **Program playback for audio CD and MP3**

You can program the order of tracks to play them in any desired order.

- **DVD menus in a desired language**

You can display DVD menus in a desired language, if available on a DVD.

- **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**

You can select a desired language for the display subtitles, if that language is available on a disc.

- **Selecting a camera angle**

You can select the desired camera angle, if a disc contains sequences recorded from different angles.

- **Choices for audio language and sound mode**

You can select the desired audio language and sound mode, if different languages and modes are available on a disc.

- **Parental lock**

You can set the control level to limit playback of discs which may not be suitable for children.

- **Automatic detection of discs**

This player automatically detects if a loaded disc is DVD, audio CD or MP3 on disc.

- **Playing an MP3 disc**

You can enjoy MP3 files which is recorded on CD-R/RW.

- **Direct Search**

You can search the desired title, chapter, and track with numeric button during playback or in stop mode.

- **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.

- **DTS (Digital Theater System)**

Sound system different from Dolby Digital sound system

- **Search**

Chapter search: Search for the chapter designated by user is possible.

Title search: Search for the title designated by user is possible.

Track search: Search for the track designated by user is possible.

Time search: Search for the time designated by user is possible.

- **Repeat**

Chapter: Repeated playback of the chapter of the disc being played is possible.

Title: Repeated playback of the title of the disc being played is possible.

Track: Repeated playback of the track of the disc being played is possible.

Disc (audio CD): Repeated playback of the entire disc being played is possible.

A-B: The part between A and B designated by user is possible.

Album: Repeated playback of the album of the MP3 disc being played is possible.

- **Zoom**

2-time and 4-time magnified screen can be displayed.

- **Marker**

The part designated by user can be called back.

- **Resume Play**

User can resume to playback from the part at which the play was stopped even if the power turn off.

- **Component Video Out Jacks**

Jacks located on the back of the DVD Player which are used to send high-quality video to a TV switch Component Video In Jacks.

- **Dimmer**

Brightness of the display can be varied.

- **Bit rate indication**




- **DRC (Dynamic range control)**

You can control the range of sound volume.

# ABOUT THE DISCS

## PLAYABLE DISCS

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

Disc Type	Logo	Contents	Disc Size	Maximum Playback Time
DVD Video		Sound and Pictures	12 cm	Approx. 4 h (single-sided)
			8 cm	Approx. 8 h (double-sided)
DVD-RW1.1 DVD-R2.0		Sound and Pictures	12 cm	Approx. 4 h (single-sided)
			8 cm (singles)	Approx. 80 min (single-sided)
Audio CD		Sound	12 cm	74 min
			8 cm (singles)	20 min

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 players with the same region code.

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

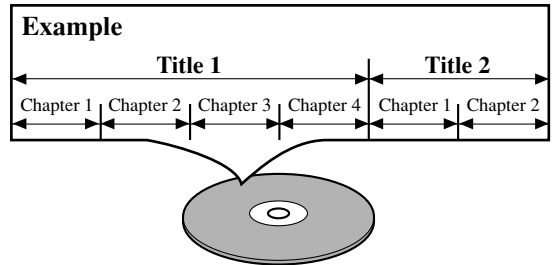
- DVD with region codes other than 1 or ALL.
- DVD-ROM
- DVD-RAM (Never play back, otherwise malfunction may result.)
- VCD
- CD-ROM
- VSD
- CDV (Only plays back the audio part.)
- CD-G (Only plays back the sound.)
- CD-R / CD-RW (Only plays back the discs which audio CD and MP3 is recorded.)
- CD-I (Never play back, otherwise malfunction may result.)
- SACD
- Photo CD (Never play back, otherwise malfunction may result.)

*Any other discs without compatibility indications*

## DISC TYPES

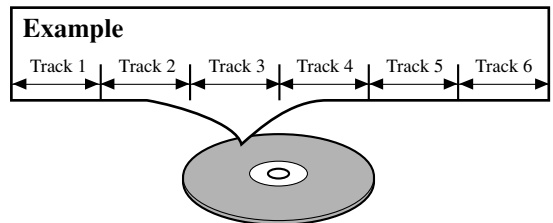
### [DVD]

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.



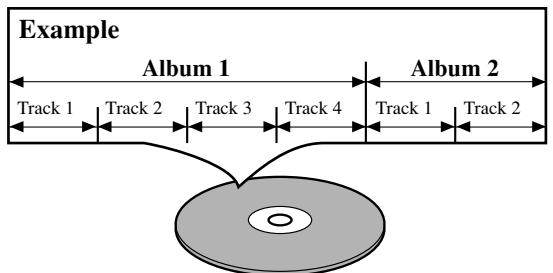
### [AUDIO CD]

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



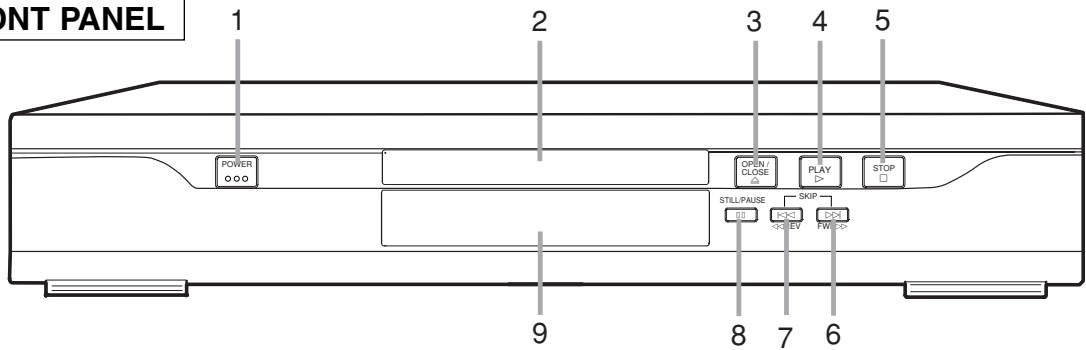
### [MP3]

Data on a MP3 is divided into sections called "albums", and then into subsections called "tracks", each of which is given an album or track number. When you make MP3 data, you refer to the manual accompanying the disc.

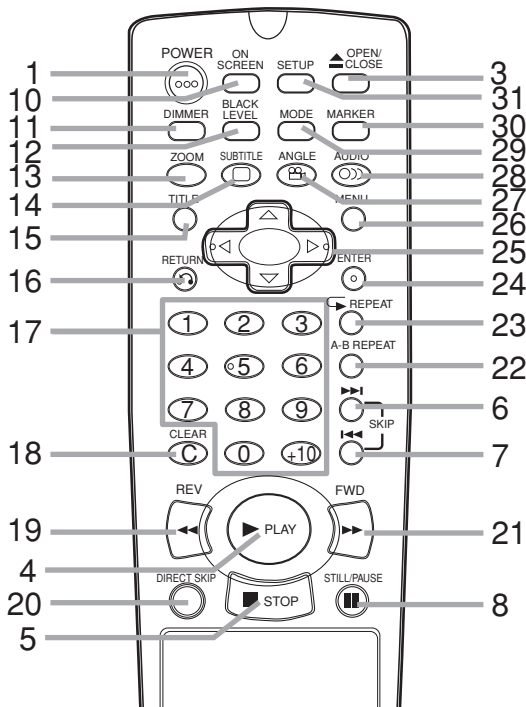


# OPERATING CONTROLS AND FUNCTIONS

## FRONT PANEL



## REMOTE CONTROL



### 1. POWER Button [page 13]

Press to turn the power on and off.

### 2. Disc loading tray

### 3. OPEN/CLOSE Button [page 13]

Press to insert discs into or remove them from the tray.

### 4. PLAY Button [page 13]

Starts playback of the disc contents.

### 5. STOP Button [page 13]

Stops operation of the disc.

### 6. SKIP UP/FWD Button

Plays back from the beginning of the next chapter or track. Hold down to fast forward playback.

### 7. SKIP DOWN/REV Button

Plays back from the beginning of the current chapter or track. Hold down to fast reverse playback.

### 8. STILL/PAUSE Button [page 14]

Pauses the current disc operation.

### 9. Display,Remote Sensor Window

### 10. ON SCREEN Button [page 18]

Displays the current status on the TV screen for checking purposes.

### 11. DIMMER Button [page 25]

Press to change the Panel Display settings.

### 12. BLACK LEVEL Button [page 22]

Press to adjust the black parts of the picture brighter.

### 13. ZOOM Button [page 18]

Enlarges part of a DVD-reproduced image.

### 14. SUBTITLE Button [page 21]

Press to select a desired subtitle language.

### 15. TITLE Button [page 14]

Displays the title menu.

### 16. RETURN Button [page 16]

Returns to the previous operation.

### 17. Numeric Buttons [page 15]

### 18. CLEAR Button [page 16]

Resets a setting.

### 19. REV Button [page 14]

Fast reverse playback to a desired point.

### 20. DIRECT SKIP Button [page 15]

Press to locate a desired point.

### 21. FWD Button [page 15]

Fast forwards playback to a desired point.

### 22. A-B REPEAT Button [page 17]

Repeats playback of a selected section.

### 23. REPEAT Button [page 16]

Repeats playback of the current disc, title, chapter or track.

### 24. ENTER Button [page 13]

Press to accept a setting.

### 25. Arrow Buttons [page 13]

Use when making settings while watching the display on a TV screen.

### 26. MENU Button [page 13]

Displays the DVD menus.

### 27. ANGLE Button [page 21]

Press to change the camera angle to see the sequence being played back from a different angle.

### 28. AUDIO Button [page 20]

Press to select a desired audio language or sound mode.

### 29. MODE Button [page 16]

Activates program playback or random playback mode.

### 30. MARKER Button [page 16]

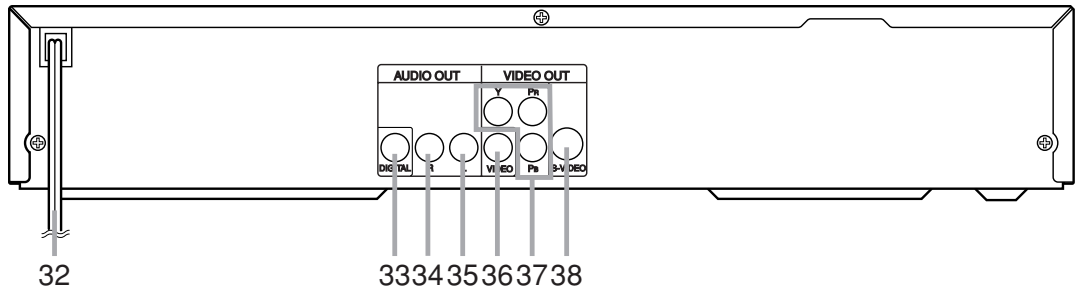
Press to call back the Marker display.

### 31. SETUP Button [page 24]

Press to enter the setup mode or to change setup items.



## REAR VIEW



32. Power Cord

33. COAXIAL DIGITAL AUDIO OUT Jack

34. Right AUDIO OUT Jack

35. Left AUDIO OUT Jack

36. VIDEO OUT Jack

37. Component Video Out Jacks (Y/P<sub>b</sub>/P<sub>r</sub>)

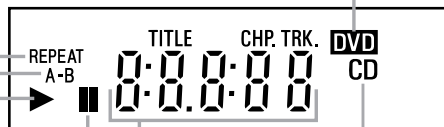
38. S-VIDEO OUT Jack

## DISPLAY

Stays on when the A-B repeat function is on.

Stays on when the repeat function is on.

Lights up when a DVD is inserted on the tray.



Lights up when the inserted disc comes to a pause.

Stays on when the inserted disc is being played back.

Displays how long a current title or track has been played back. When a chapter or track has switched, the number of a new title, chapter or track is displayed.

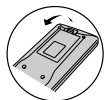
CD:  
Lights up when a CD is inserted on the tray.

## DISPLAYS DURING OPERATION

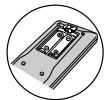
	Power on
	No disc inserted
	Tray open
	Tray closed
	Loading the Disc
	Power off

## LOADING THE BATTERIES

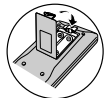
1. Open the battery compartment cover.



2. Insert two "AA" size batteries (R-06), with each one oriented correctly.



3. Close the cover.

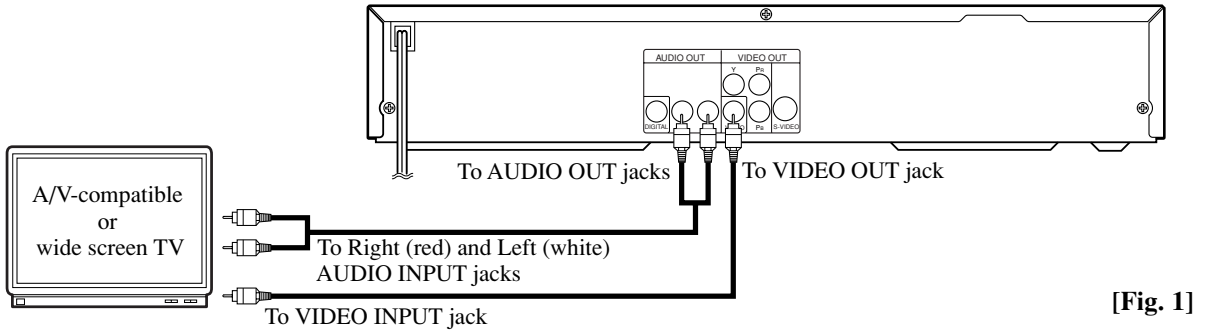


### Notes

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

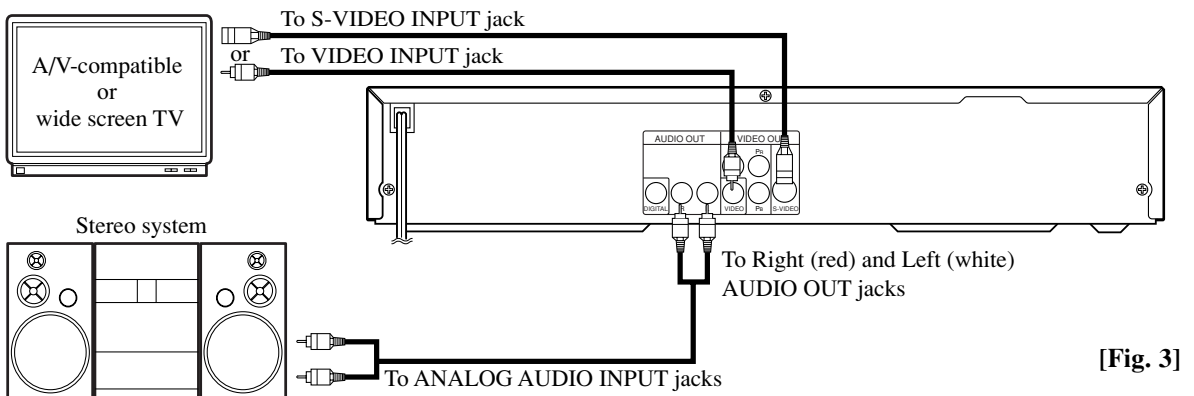
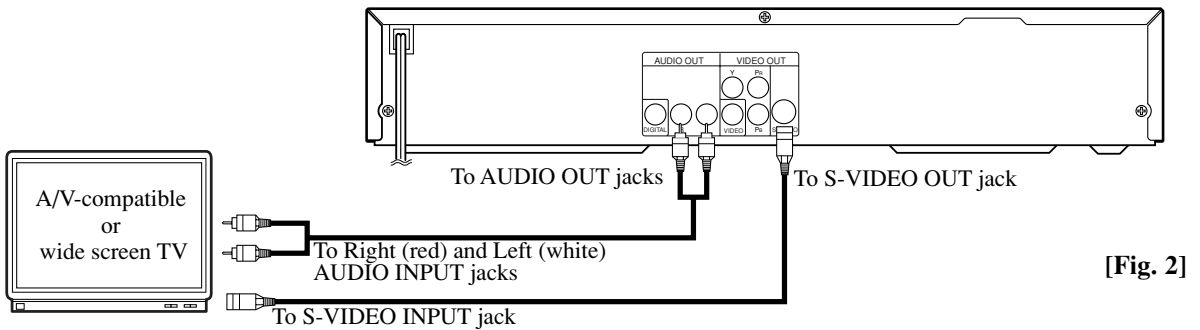
# HOOKUPS

## CONNECTING TO A TV



### FOR TVs WITH S-VIDEO INPUT JACK

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

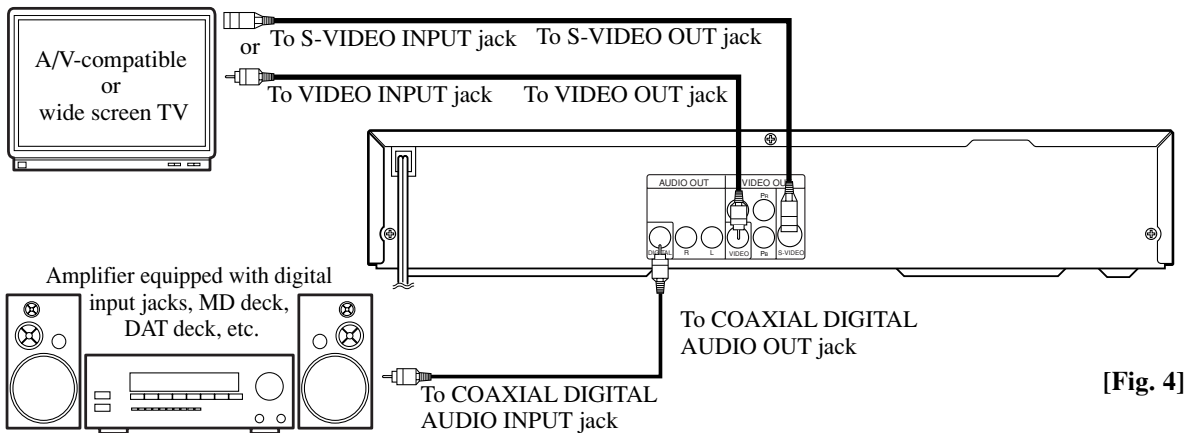


### Notes

- 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 Operation 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, MD DECK OR DAT DECK

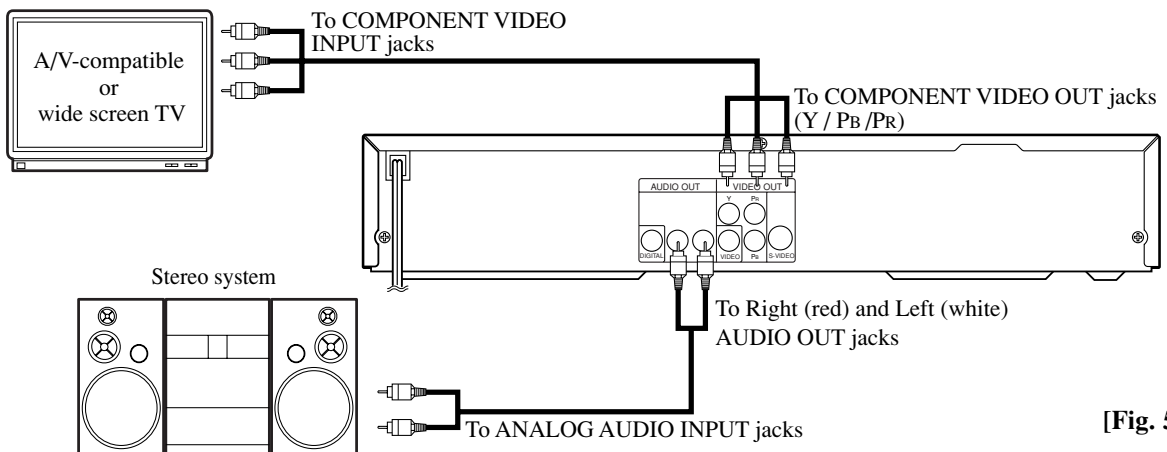
Use audio coaxial digital cables (commercially available) for the audio connections.



[Fig. 4]

## CONNECTING TO A TV OR A STEREO TV THAT HAS COMPONENT VIDEO IN JACKS

Set Dolby Digital and DTS to OFF on the DVD Player. If you play a DVD when the settings are wrong, the sound will be distorted or you may damage the speakers.



[Fig. 5]

### 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.
- Be sure to turn off the power to all components in the system before connecting another component.
- Refer to the Operation Manuals for the components to be connected to the DVD player.
- Set Dolby Digital and DTS 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.

### ***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 Stereo Audio/Video RF Modulator (commercially available). 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.

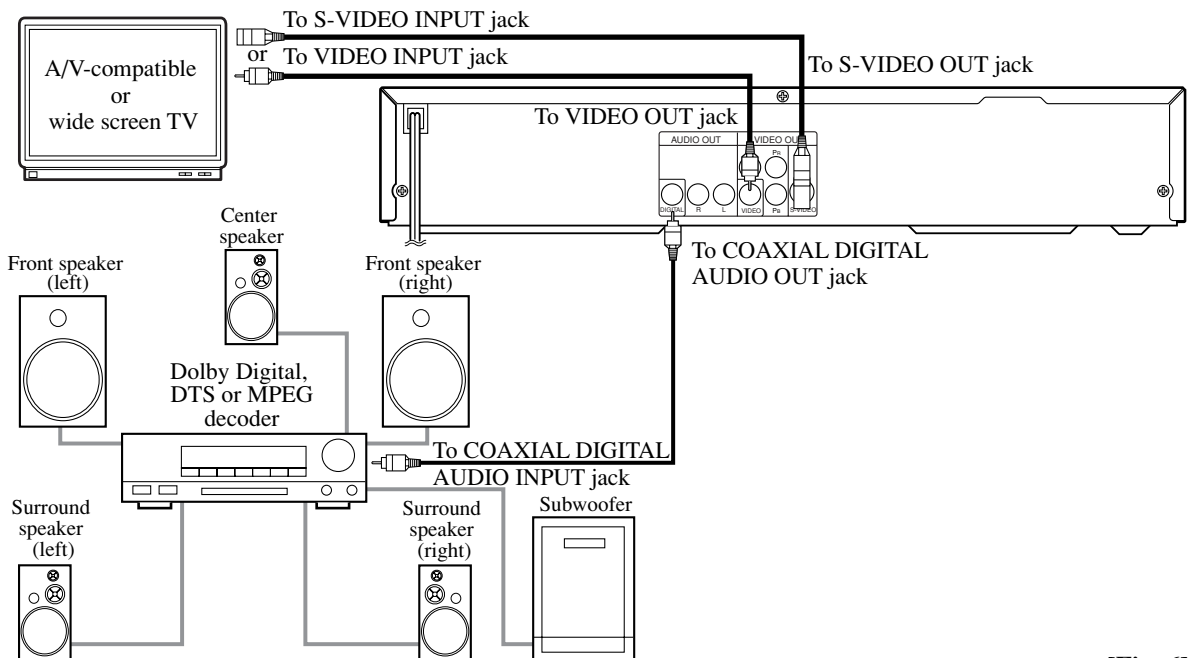
**Note**

- 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.

## CONNECTING TO A DOLBY DIGITAL DECODER OR DTS DECODER

If using this DVD player to play back a DVD in a 5.1 channel Dolby Digital surround or DTS surround format, the DVD player outputs a Dolby Digital or DTS data stream from its COAXIAL DIGITAL AUDIO OUT jack. By hooking the player up to a Dolby Digital or DTS 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 audio coaxial digital cables (commercially available) for the audio connections.



[Fig. 6]

**Notes**

- Be sure to turn off the power to all components in the system before connecting another component.
- Refer to the Operation Manuals for the components to be connected to the DVD player.
- If connected to a Dolby Digital decoder, set Dolby Digital to on for audio output in the setup mode.
- If connected to a DTS decoder, set DTS to ON for audio output in the setup mode.
- Unless connected to a Dolby Digital decoder or a DTS decoder, set Dolby Digital and DTS 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.

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

# PLAYING A DISC

## PLAYING A DVD VIDEO OR AN AUDIO CD

DVD

CD

### Getting started

Turn on the power of the TV, amplifier and any other components which are connected to the DVD player. (Change the input system to suit the DVD player, and check that the sound volume is correct.)

#### 1 Press the POWER button.

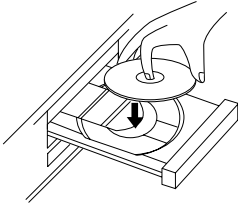
- The power will turn on.

#### 2 Press the OPEN/CLOSE button.

- The disc loading tray will open.

#### 3 Place a disc into the tray.

- Make sure the disc is sitting properly in the correct recess, with the label side up.



#### 4 Press the PLAY button.

- The tray will close automatically, and playback will then start from the first chapter or track of the disc. With some discs, if you close the tray by pressing the OPEN/CLOSE button, you need to press the PLAY button to start the disc.
- When you playback the DVD which a title menu is recorded, it may appear on the screen. In this case, refer to “USING THE TITLE MENU”.

#### 5 Press the STOP button to stop play.

### 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.
- If a disc is dirty or has scratches, the pictures may appear distorted and the playback operation may stop. In such cases, clean the disc and unplug the power cord and then plug it again before resuming playback.
- 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.



## USING THE DVD MENU

DVD

Some DVDs contain their own menus, such as a guidance menu which describes the contents of the disc or a selection menu for sound, language and other customized settings.

#### 1 Press the MENU button.

- The DVD menu will appear.

#### 2 Select the desired title.

- Press the arrow buttons (▼/▲/▶/◀) to change the setting, and then press the ENTER button.

#### 3 Playback will start from the selected title.



## USING THE TITLE MENU

DVD

With a DVD containing a title menu, you can select desired titles from the menu.

### 1 Press the TITLE button.

- The title menu will appear.

### 2 Select the desired title.

- Press the arrow buttons (▼/▲/▶/◀) to change the setting, and then press the ENTER button.

## CALLING UP A MENU SCREEN DURING PLAYBACK

### For DVDs

- Press the MENU button to call up the DVD menu.
- Press the TITLE button 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.

## PAUSING PLAYBACK OR DISPLAYING A STILL PICTURE

DVD

CD

### 1 Press the STILL/PAUSE button during playback.

- Playback will pause, with sound muted.



### 2 Press the PLAY button to resume playback.



## RESUMING PLAYBACK FROM THE POINT WHERE PLAYBACK STOPPED

DVD

CD

### 1 Press the STOP button during playback.

- Playback will stop, and then appear the resuming message at the center.



### 2 Press the PLAY button. Playback will start from the point where the previous playback session was stopped.



### Note

- The resume function can be reset by pressing the STOP button twice or by opening the disc loading tray.

## STEPPING THROUGH FRAMES

DVD

### 1 Press the STILL/PAUSE button while playback is paused.

- The next picture frame is displayed with sound muted each time the button is pressed.



### 2 Press the PLAY button to resume playback.

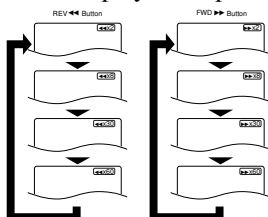


## FAST FORWARD/REVERSE

DVD CD

1 Press the FWD ►► or REV ◀◀ button during playback.

- For DVDs, pressing the FWD ►► or REV ◀◀ button cycles the playback speed in four steps. In case of DVDs, the sound will mute.
- For audio CDs, the playback speed is  $\times 16$  fixed.



2 Press the PLAY button to return to normal playback speed.

### Note

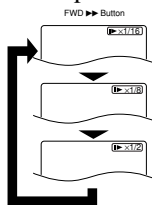
- FAST FORWARD or REVERSE from a TITLE to other TITLES is not possible.

## SLOW MOTION

DVD

1 Press the FWD ►► button while playback is paused. (Sound remains muted.)

- Slow motion mode will be activated.
- Pressing the FWD ►► button cycles the playback speed in three steps. Select an appropriate speed while referring to the speed indication on the screen.



2 Press the PLAY button to return to normal playback speed.

### Notes

- Slow playback is not available with audio CDs
- The reverse of slow playback is not available.
- Slow playback from a TITLE to other TITLES is not possible.

## STARTING FROM A DESIRED TRACK

CD

1 Press the numeric buttons to enter the desired track number.

- The selected track will be located, and playback will start.

You can also press the DIRECT SKIP button, use the numeric buttons to enter the track number, when the track number is entered in the entry box, playback of the desired track will start automatically.

T \_ / 15

## PLAYING FROM A DESIRED TITLE OR CHAPTER

DVD

1 DIRECT SKIP button and then press the numeric buttons to select a title or a chapter.

- Perform the title search and the chapter search after setting them on the same screen at the same time. Changeover by ▲/▼ buttons.

T 1 / 12  
C \_ / 3

- During playback, press the numeric buttons to select a Chapter. The Chapter will be located and playback will start.

T \_ / 12  
C 0 / 3

- When playback is stopped, press the numeric buttons to select a Title. The Title will be located and playback will start.

### Note

- Playback from a desired title or chapter is not available with some DVDs.
- Some discs which the chapter number isn't displayed cannot playback from a desired chapter.

### TRICKS WITH THE SKIP BUTTONS (◀◀, ►►)

If the SKIP button ►► is pressed during playback or while playback is paused, the current track/chapter is skipped and the next track/chapter is played. When the SKIP button ◀◀ is pressed once, the top of the current track/chapter is located for replaying. When the SKIP button ◀◀ is pressed again within 2 seconds after playback begin, the previous track/chapter is located.

### Note

SKIP from a TITLE to other TITLES is not possible.

## STARTING FROM A DESIRED TIME COUNT

DVD CD

You can use this function during playback.

1 Press the DIRECT SKIP button twice.

2 Press the numeric buttons to set the desired time count.

- **Example:** 1 hour, 23 minutes and 30 seconds

1 → 2 → 3 → 3 → 0

⌚ 1:23:30  
TOTAL 1:29:00

## Notes

- In the case of DVD, Time Search in Title is effective. (But Time Search in Chapter is ineffective.)
- In the case of CD, Time Search in Track is effective. (But Time Search in the entire disc is ineffective.)
- Playback from a desired time count is not available with some discs or if the unit is in stop mode.

## MARKER

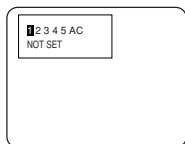
DVD CD

You can define the part to be called back.

- 1 Press the **MARKER** button during playback.

### Set the marker

- Using the cursor (◀/▶) button, position the cursor on to the marker number shown as “NOT SET”. Press the **ENTER** button when the screen to be reviewed appears. The marked time will be displayed. Up to 5 points can be marked.



### Call back the marker

- Using the cursor (◀/▶) button, position the cursor on to the marker number to be called back and press the **ENTER** button.

### Clear the marker

- Using the cursor (◀/▶) button, position the cursor on to the marker number to be cleared and press the **CLEAR** button.

To clear all markers, place the cursor on “AC” (All clear markers) and press the **ENTER** button.

- 2 Press the **MARKER** button or the **RETURN** button to exit the display.

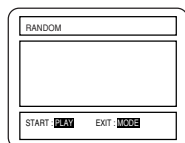
## RANDOM (Audio CD)

CD

- 1 Press the **MODE** button in stop mode.

- The program setting menu screen will appear.

- 2 Press the **MODE** button again.



- 3 Press the **PLAY** button. Random playback will then start.

## Note

- Program playback is not available during random playback.

## REPEAT

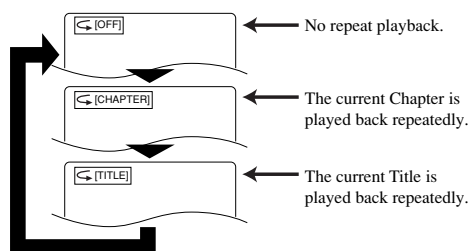
DVD CD

You can use this function during playback.

- 1 Press the **REPEAT** button.

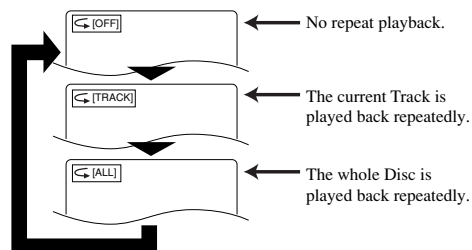
### For DVDs

- A single title or chapter is played back repeatedly.
- Pressing the **REPEAT** button cycles the display on the screen as follows.



### For audio CDs

- The whole disc or a single track is played back repeatedly.
- Pressing the **REPEAT** button cycles the display on the screen through **Off**, **TRACK** and **All**.



**If the REPEAT button is pressed once during program/random playback, the current track is played back repeatedly.**

**If the REPEAT button is pressed again, the program/random playback is performed repeatedly.**

## Notes

- Repeat playback is not available with some discs.
- The **REPEAT** setting will be cleared when moving to other title, chapter or track.
- Repeat playback is not function during A-B repeat playback.

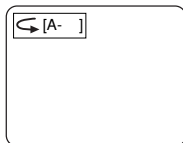
## A-B REPEAT

DVD CD

You can define a section to be played back repeatedly.

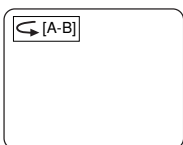
### 1 Press the A-B REPEAT button during playback.

- The starting point (A) will then be selected.

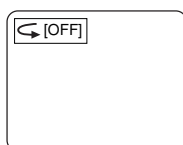


### 2 Press the A-B REPEAT button again at the end point (B) of the desired section.

- The selected section will be played back repeatedly.



### 3 To exit A-B repeat playback, press the A-B REPEAT button and set it to OFF.



## Notes

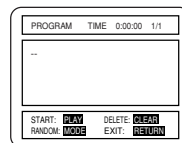
- With DVDs, the A-B repeat section can be set only within the current title.
- With audio CDs, the A-B repeat section can be set within the current track.
- A-B repeat is not available with some scenes in DVD.
- To cancel the A point which was set, press the CLEAR button.
- A-B repeat playback is not functional during title, chapter, track or all repeat playback modes.

## PROGRAM (Audio CD)

CD

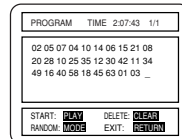
### 1 Press the MODE button in stop mode.

- The program screen will appear.



### 2 Press the numeric buttons to enter the desired track numbers.

- The total playback time for the selected tracks will appear on the TOTAL line.
- 50 programs can be displayed at once on the screen. Press "▼" to go to the next page.



### 3 Press the PLAY button.

- Playback will start in the programmed order.
- While the program is being played back, the STOP button works as follows.
- Press the STOP button once and then the PLAY button again, playback will restart from the point where the STOP button was pressed. (Program continued)
- Press the STOP button twice and then the PLAY button again, playback will restart from the track in the usual way. (Program cleared)

## Notes

- Adding programs is not possible during program playback. You must stop the current playback before such operations can be carried out.
- Press the CLEAR button to cancel a program. The last entered program will then be deleted.
- Up to 99 programs can be entered.
- Playback from a desired track and random playback are not available during program playback.
- Program settings are cleared when the power is turned off or the disc loading tray is opened.
- Press the MODE button to check the programmed setting during playback.

## ZOOM PLAYBACK (enlargement onscreen)

DVD

Images can be enlarged on the screen to your taste.

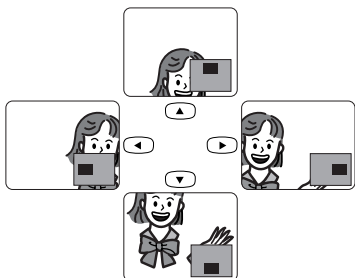
Press the ZOOM button during playback.

- An image will be enlarged at the center of the screen.
- Pressing the ZOOM button cycles the zooming images in two steps.



When the cursor (▲/▼/◀/▶) button is pressed during zoom play, the part to be zoomed moves.

- The zooming frame can be moved from the center ... 4 steps to the right. 4 steps to the left. 4 steps to the top. 4 steps to the bottom when 2 time zooming, and 6 steps each when 4 times zooming.
- Current position will be displayed on the right-bottom of the screen. Press the ENTER button to quit the display.



### Note

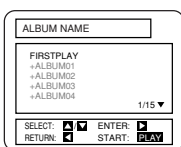
- Zooming function does not work while disc menu is shown.

## PLAYING AN MP3 DISC

MP3

### 1 Insert an MP3 file-recorded disc.

- The MP3 menu screen shows up.
- Folders are referred to as “ALBUMS”, and files are referred to as “TRACKS”.
- “+” may or may not appears on the display. “+” appears at the head of the ALBUM names only.



- The player can recognize 255 ALBUMS and TRACKS altogether.
- If all the TRACKS cannot be displayed at once on the screen, “▼” appears to go to the next page. If there is a previous page, “▲” appears onscreen. On the left of “▼”, the current page and the total number of pages are displayed.

### 2 Press the PLAY button after the following operation.

#### [FIRST PLAY]

Select FIRST PLAY with ▲/▼.

#### [TRACK]

Select the desired TRACK with ▲/▼.

#### [ALBUM]

Select the desired ALBUM with ▲/▼ and call the TRACKs with ▶ or the ENTER button.

- Press the RETURN button, and the upper hierarchy will be called back.
- Press the TITLE button, and the top hierarchy will be called back.
- ALBUMS can be played up to the 8th hierarchy.

### 3 To stop the play, press the STOP button.

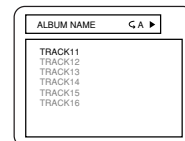
## CHANGING THE ONSCREEN DISPLAY DURING MP3 DISC PLAY

MP3

The information on an MP3 disc in play can be checked.

### 1 Press the ON SCREEN button during play.

- A TRACK currently in play will be highlighted.



### 2 Press the ON SCREEN button again.

- The album name being displayed will be replaced by the elapsed time of the track.
- ⏮ will be displayed when the repeat play has been selected.
  - ⏮ T : Track repeat
  - ⏮ A : Album repeat
  - ⏮ D : Disc repeat



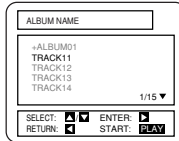
- Press the ON SCREEN button again, and the DISPLAY screen disappears.

## PLAYING AN MP3 DISC FROM A DESIRED TRACK

MP3

- Press the DIRECT SKIP button.

- The SEARCH menu shows up.
- A track currently in play or under RESUME ON will be highlighted. In the case of RESUME OFF, the first track of the disc will be highlighted.



- Using the ▲/▼ buttons, select a track to be played. Then press the PLAY button to start playing.

- Press the RETURN button, and the SEARCH menu disappears.

### Notes

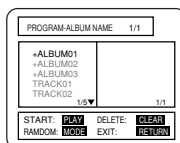
- During play, a desired track can be directly searched. Just type in the TRACK number with the numerical buttons.
- If the typed TRACK number is not available, the “disable” symbol appears and the direct search mode is cancelled.
- Playback cannot be started from a desired time count.

## PLAYING AN MP3 DISC IN A PROGRAMMED WAY

MP3

- Press the MODE button in STOP mode.

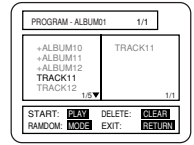
- The program screen shows up.



- Using the ▲/▼ buttons, select a track. Then press the ENTER button to save it in a program.

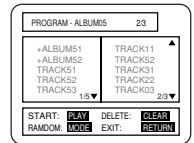
### Notes

- When an album name is highlighted, press the ► button, and the next hierarchy shows up.
- Press the ◀ button to go back to the previous hierarchy.
- If the entire program cannot be displayed at once on the screen, “▼” appears to go to the next page.



- When the disc has been programmed, press the PLAY button.

- Programmed play starts.



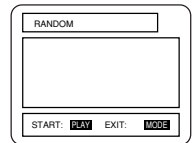
### Notes

- The right-hand window is for display only. If you want to see other pages, press the SKIP UP/DOWN button.
- Press the CLEAR button, and the last-programmed entry will be deleted.
- Press the RETURN button, and the STOP screen will show up with the program contents in memory.
- To stop the program, press the STOP button twice.
- Do not turn off the power or open the disc tray halfway. The program setting will be cancelled.

## PLAYING AN MP3 DISC AT RANDOM

MP3

- Press the MODE button twice in STOP mode.



- Press the PLAY button.

- Random play starts.

# SETTINGS

## CHANGING THE AUDIO LANGUAGE OR SOUND MODE

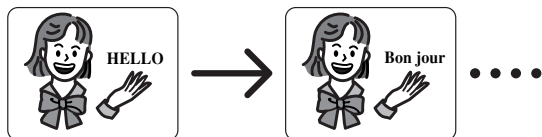
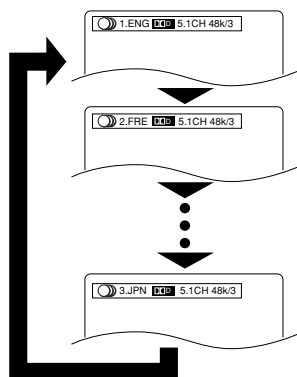
DVD CD

The DVD player has a function which allows you to select the desired audio language and sound mode.

### For DVDs

Press the **AUDIO** button during playback, and then press the **AUDIO** button to select the desired audio language.

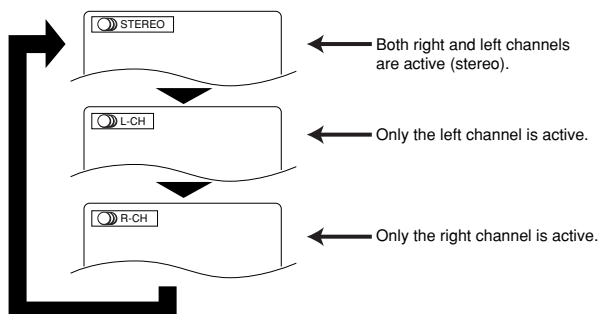
- The audio language can be changed if multiple languages are recorded on the DVD being played.



### For audio CDs

Press the **AUDIO** button during playback.

- Pressing the **AUDIO** button cycles the sound mode through STEREO, L-CH and R-CH.



### Notes

- Pressing the Audio button may not work on some DVDs with multiple audio languages (e.g. DVDs which allow audio language setting on the disc menu). Operation varies between discs, so refer to the manual accompanying the disc.
- Current audio language and sound mode will be displayed when you press the **AUDIO** button at first.
- If a desired language is not shown after pressing the Audio button several times, the disc does not have an audio source in that language.
- The audio language resets to the one which has been selected in the setup mode, every time the power is turned on or discs are replaced. If that language is not available on a disc, a language defined by the disc is selected.
- The screen display will disappear after about 5 seconds.
- If you use **DIGITAL AUDIO OUT** jack, the sound mode of audio CDs can not be changed.

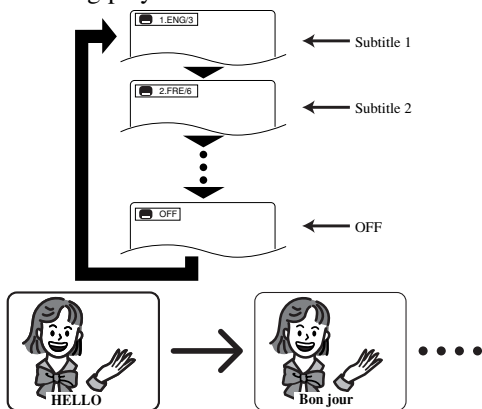
## CHANGING THE SUBTITLE LANGUAGE

DVD

The DVD player has a function which allows you to select the desired language for subtitles.

Press the **SUBTITLE** button during playback, and then press the **SUBTITLE** button to select the desired subtitle language.

- The subtitle language can be changed if the subtitles are recorded in multiple languages on the DVD being played.
- The subtitle language cannot be changed if the subtitles are recorded in a single language on the DVD being played.



- Pressing the **SUBTITLE** button cycles the subtitle language from **SUBTITLE 1**, **SUBTITLE 2** and all the languages recorded.
- Current subtitle mode will be displayed when you press the **SUBTITLE** button at first.
- Press the **SUBTITLE** button, and then press the cursor (**◀/▶**) button to set it to on or off.

### Notes


- Some discs allow 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 the **SUBTITLE** button several times, the disc does not have subtitles in that language.
- The subtitle language resets to the one which has been selected in the setup mode, every time the power is turned on or discs are replaced. If that language is not available on a disc, a language defined by the disc is selected.
- It may take time to display the subtitles in the selected language.
- The screen display will disappear after about 5 seconds.
- When “NOT AVAILABLE” appears onscreen, it means no subtitle is recorded on the scene.

## CHANGING THE CAMERA ANGLE (Multi-Angle Pictures)

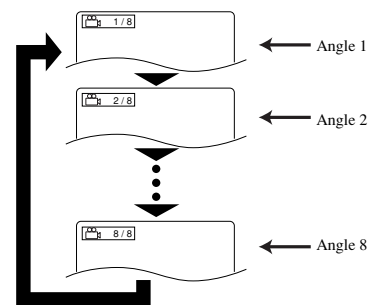
DVD

The DVD player has a function which allows you to select the desired camera angle.

1 Press the **ANGLE** button during playback.

- If the disc contains sequences recorded from different camera angles, the angle icon (  ) will appear at the top-right of the screen. You can change the camera angle when the icon appears on the screen.
- The camera angle cannot be changed if the disc does not contain sequences recorded from different camera angles.

2 Press the **ANGLE** button while the angle number is shown on the screen.



### Note

- The screen display will disappear after about 5 seconds.
- Current angle information will be displayed when you press the **ANGLE** button at first.

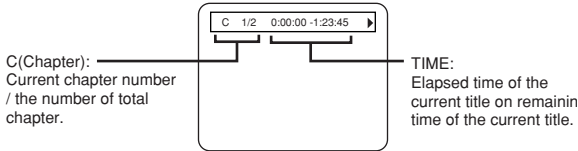
# CHANGING THE ON-SCREEN DISPLAY

DVD CD

You can check the information about the disc by pressing the ON SCREEN button on the remote control.

## For DVDs

1 Press the ON SCREEN button during playback.

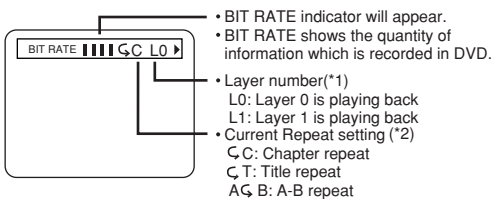


2 Press the ON SCREEN button again.



- Use the number button to start from a desired chapter.

3 Press the ON SCREEN button again.

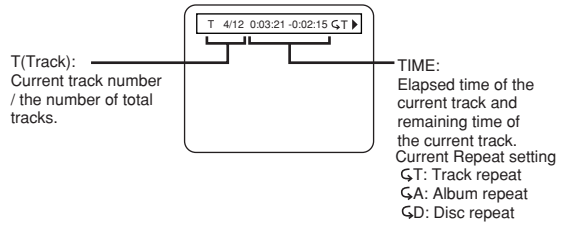


- \*1) It appears when the layered disc is playing back.
- \*2) It appears when Repeat play back is set.

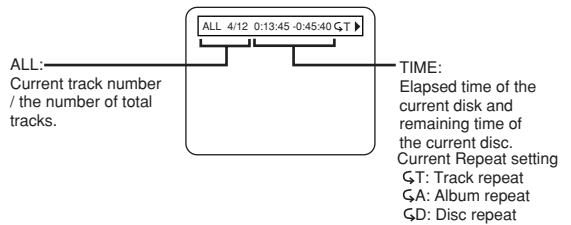
4 Press the ON SCREEN button or the CLEAR button to exit the display.

## For audio CDs

1 Press the ON SCREEN button during playback.



2 Press the ON SCREEN button again.



- Use the number button to start from a desired track.

3 Press the ON SCREEN button or the CLEAR button to exit the display.

# BLACK LEVEL SETTINGS

You can adjust the black parts of the picture brighter.

1 Press the BLACK LEVEL button during playback.

- The setup screen will appear.








2 Press the BLACK LEVEL button repeatedly to set it on or off.

- ON : It makes the dark parts brighter.(Default : ON)
- OFF : Original picture which is recorded on the disc will be shown.

## SETTING LIST

This is a list of the settings to use conveniently and the default. You need to change the setting, for example, when you hook up with the wide TV or amplifier. Please see each page for the details.

MENU	SETTING( <input type="checkbox"/> is default.)		Setting Explanation
1. LANGUAGE → page 24 	AUDIO	ORIGINAL ENGLISH FRENCH ⋮	To set the audio from the speaker.
	SUBTITLE	OFF ENGLISH FRENCH ⋮	To set the subtitle on the TV screen.
	DISC MENU	ORIGINAL ENGLISH FRENCH ⋮	To set the disc menu on the TV screen.
	PLAYER MENU	ENGLISH FRANÇAIS ESPAÑOL	To set the language menu or on-screen display.
2. DISPLAY → page 25 	TV ASPECT	4:3 LETTER BOX 4:3 PAN&SCAN 16:9 WIDE	To set it to your TV type.
	PANEL DISPLAY	BRIGHT DIMMER AUTO	To set the illumination of this main unit display.
	ANGLE ICON	OFF ON	To set angle icon(  ) on or off.
	AUTO POWER OFF	OFF ON	To shut off DVD player automatically when it is left inactivate for 35 minutes.
3. AUDIO (DIGITAL OUT) → page 26 	DRC	OFF ON	To set the control of the volume range.
	DOLBY DIGITAL	BITSTREAM DPCM	To set the audio signal from the DIGITAL OUT.
	DTS	OFF ON	
	DOWNSAMPLING	AUTO 48kHz 96kHz	To set the conversion of audio signal recorded in PCM from 96kHz to 48 kHz.
4. PARENTAL → page 27 	PARENTAL LEVEL	All 8 - 1	To set the parental level of DVD soft.
	CHANGE	Please enter 4-digit password.	To set or change the password.

### Note

- Changing the settings, it will keep on after switching off.
- Setup function is available in STOP mode only.
- When you play a DVD with menu, sometimes the disc menu takes priority.



# CHANGING THE SETUP ITEMS

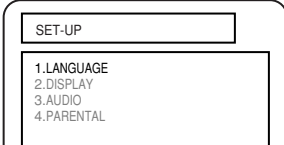
## Note

- When you change the setup items, press the STOP button if you are in playback mode.

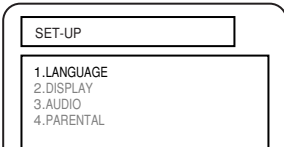
## LANGUAGE SETTINGS

**1** Press the **SETUP** button in **STOP** mode.

- The setup screen will appear.



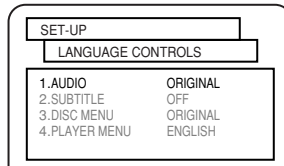
**2** Press the **▲/▼** buttons to select **Language**, and then press the **ENTER** button.



**3** Press the **▲/▼** buttons to select an item, and then press the **ENTER** button.

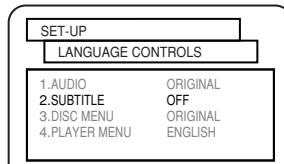
## AUDIO:

(Voice is played back in selected language.)



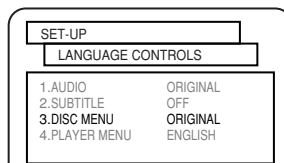
## SUBTITLE:

(Subtitles are shown in selected language.)



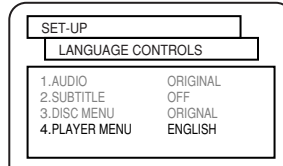
## DISCMENU:

(The disc menu appears in selected language.)



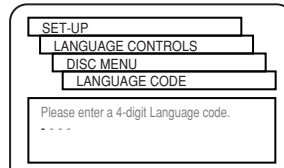
## PLAYER MENU:

(The on-screen display appears in selected language.)



**4** Press the **▲/▼** buttons to select a desired item, and then press the **ENTER** button.

- If **OTHER** is selected on the **AUDIO**, **SUBTITLE** or **DISC MENU** setting screen, the Language Code setting screen will appear. Press the numeric buttons to enter the desired language code while referring to the list on page 28.



**5** Press the **SETUP** button.

- The setup mode will be canceled and the ordinary screen will appear.

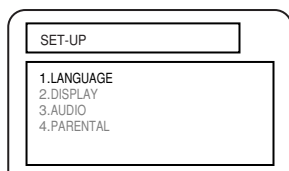
## Note

- Be sure to press the **SETUP** button, or the setting will not work.
- Language Setting for Audio and Subtitle is not available with some discs. Then use the Audio and Subtitle button. Details are on pages 20 and 21.
- You can also choose the item by pressing the number associated with a particular function.

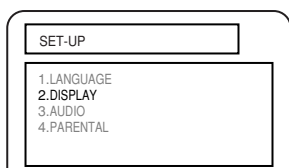
# DISPLAY SETTINGS

**1 Press the SETUP button in STOP mode.**

- The setup screen will appear.



**2 Press the ▲/▼ buttons to select DISPLAY and then press the ENTER button.**



**3 Press the ▲/▼ buttons to select an item, and then press the ENTER button.**

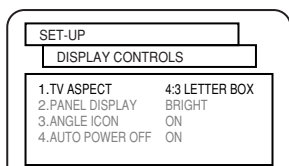
## TV ASPECT

(Default : 4:3 LETTER BOX)

4:3 LETTER BOX : Wide screen with black bars on top and bottom

4:3 PAN & SCAN : Full height picture, trimmed both sides

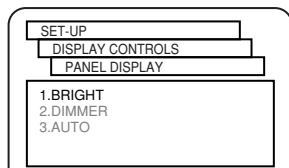
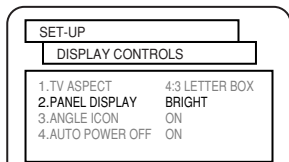
16:9 WIDE : If wide screen TV is connected



## PANEL DISPLAY (Default : BRIGHT)

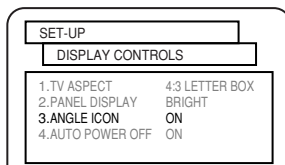
Adjust the brightness of the display of the unit.

\* Auto: Stays dim only during playback.



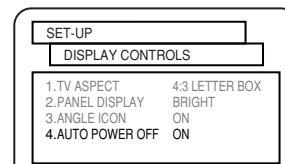
## ANGLE ICON (Default: On)

Display or not display the Angle icon on the screen.



## AUTO POWER OFF (Default: On)

Set or not set to turn off after the screen saver is started and no keys are pressed for 35 minutes.



**4 Press the ▲/▼ buttons to select a desired item, and then press the ENTER button.**

**5 Press the SETUP button.**

- The setup mode will be canceled and the ordinary screen will appear.

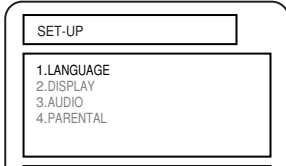
### Note

- Be sure to press the SETUP button, or the setting will not work.
- You can also choose the item by pressing the numbers.
- You can change the PANEL DISPLAY setting (BRIGHT or DIMMER) by pressing the DIMMER button on the remote control.

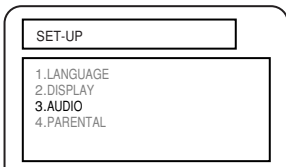
# AUDIO SETTINGS

1 Press the **SETUP** button in **STOP** mode.

- The setup screen will appear.



2 Press the **▲/▼** buttons to select **Audio** and then press the **ENTER** button.



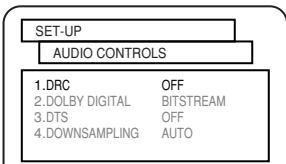
3 Press the **▲/▼** buttons to select an item, and then press the **ENTER** button.

**DRC** (Default : OFF)

On : DRC

(Dynamic Range Control)

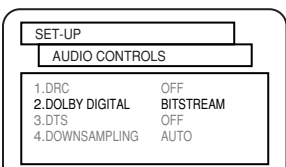
- This function is for controlling the range of sound volume. By compressing the range of sound volume, it is possible not only to suppress the output of loud sound at night and but also to raise the volume of low sound.
- However, this function is effective only for the sound recorded by Dolby Digital recording. When the sound recorded by Dolby Digital 5.1ch is outputted, the sound is compressed automatically even with this function being set at “Off”.



**DOLBY DIGITAL** (default : BITSTREAM)

**BITSTREAM** : Output by Dolby Digital

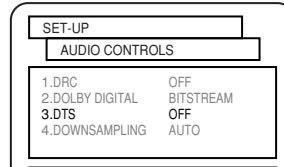
Set to **BITSTREAM** when the unit is connected to Dolby Digital Decoder.



**DTS** (Default : OFF)

On: Output by DTS

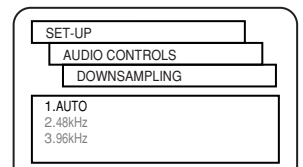
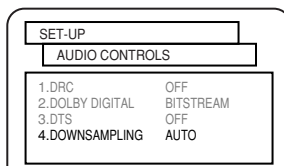
Set to On when the unit is connected to DTS Decoder



**DOWNSAMPLING** (Default : AUTO)

Set the output for the DVD recorded in PCM 96kHz (96kHz or 48 khz)

- Press the **▲/▼** buttons to select an item, and then press the **ENTER** button.



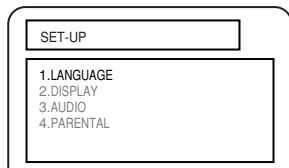
4 Press the **SETUP** button.

- The setup mode will be canceled and the ordinary screen will appear.

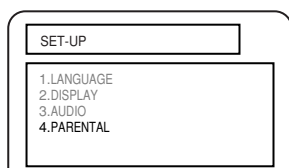
# PARENTAL LOCK

## 1 Press the SETUP button in STOP mode.

- The setup screen will appear.

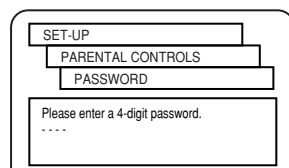


## 2 Press the ▲/▼ buttons to select Parental, and then press the ENTER button.



## 3 Press the numeric buttons to enter the 4-digit password, and then press the ENTER button.

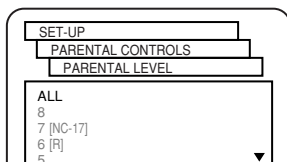
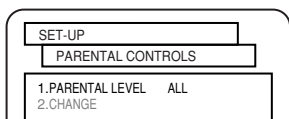
- When doing this for the first time, enter any 4 digits. (except for 4737) That number will be used as the password from the second time onward.
- By entering the password, you can change the control level and password settings.
- When CHANGE is selected, press the numeric buttons to enter the 4 digit password. Then press the ENTER button.



## 4 Press the ▲/▼ buttons to select an item, and then press the ENTER button.

### When Parental Level is selected

- Press the ▲/▼ buttons to select an item from All or 8 to 1, and then press the ENTER button.



## 5 Press the SETUP button.

- The setup mode will be canceled and the ordinary screen will appear.

## CONTROL LEVELS

- **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.

## Notes

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

# LANGUAGE CODE LIST

No.	Language	Country code	No.	Language	Country code
1	Afar	4 7 4 7	69	Latvian;Lettish	5 8 6 8
2	Abkhazian	4 7 4 8	70	Malagasy	5 9 5 3
3	Afrikaans	4 7 5 2	71	Maori	5 9 5 5
4	Amharic	4 7 5 9	72	Macedonian	5 9 5 7
5	Arabic	4 7 6 4	73	Malayalam	5 9 5 8
6	Assamese	4 7 6 5	74	Mongolian	5 9 6 0
7	Aymara	4 7 7 1	75	Moldavian	5 9 6 1
8	Azerbaijani	4 7 7 2	76	Marathi	5 9 6 4
9	Bashkir	4 8 4 7	77	Malay	5 9 6 5
10	Byelorussian	4 8 5 1	78	Maltese	5 9 6 6
11	Bulgarian	4 8 5 3	79	Burmese	5 9 7 1
12	Bihari	4 8 5 4	80	Nauru	6 0 4 7
13	Bislama	4 8 5 5	81	Nepali	6 0 5 1
14	Bengali;Bangla	4 8 6 0	82	Dutch [DUT]	6 0 5 8
15	Tibetan	4 8 6 1	83	Norwegian [NOR]	6 0 6 1
16	Breton	4 8 6 4	84	Occitan	6 1 4 9
17	Catalan	4 9 4 7	85	(Afan)Oromo	6 1 5 9
18	Corsican	4 9 6 1	86	Oriya	6 1 6 4
19	Czech	4 9 6 5	87	Panjabi	6 2 4 7
20	Welsh	4 9 7 1	88	Polish	6 2 5 8
21	Danish [DAN]	5 0 4 7	89	Pashto;Pushto	6 2 6 5
22	German [GER]	5 0 5 1	90	Portuguese [POR]	6 2 6 6
23	Bhutani	5 0 7 2	91	Quechua	6 3 6 7
24	Greek [GRE]	5 1 5 8	92	Rhaeto-Romance	6 4 5 9
25	English [ENG]	5 1 6 0	93	Kirundi	6 4 6 0
26	Esperanto	5 1 6 1	94	Romanian [RUM]	6 4 6 1
27	Spanish [SPA]	5 1 6 5	95	Russian [RUS]	6 4 6 7
28	Estonian	5 1 6 6	96	Kinyarwanda	6 4 6 9
29	Basque	5 1 6 7	97	Sanskrit	6 5 4 7
30	Persian	5 2 4 7	98	Sindhi	6 5 5 0
31	Finnish [FIN]	5 2 5 5	99	Sangho	6 5 5 3
32	Fiji	5 2 5 6	100	Serbo-Croatian	6 5 5 4
33	Faroese	5 2 6 1	101	Singhalese	6 5 5 5
34	French [FRE]	5 2 6 4	102	Slovak	6 5 5 7
35	Frisian	5 2 7 1	103	Slovenian	6 5 5 8
36	Irish [IRI]	5 3 4 7	104	Samoaan	6 5 5 9
37	Scots Gaelic	5 3 5 0	105	Shona	6 5 6 0
38	Galician	5 3 5 8	106	Somali	6 5 6 1
39	Guarani	5 3 6 0	107	Albanian	6 5 6 3
40	Gujarati	5 3 6 7	108	Serbian	6 5 6 4
41	Hausa	5 4 4 7	109	Siswat	6 5 6 5
42	Hindi	5 4 5 5	110	Sesotho	6 5 6 6
43	Croatian	5 4 6 4	111	Sundanese	6 5 6 7
44	Hungarian [HUN]	5 4 6 7	112	Swedish [SWE]	6 5 6 8
45	Armenian	5 4 7 1	113	Swahili	6 5 6 9
46	Interlingua	5 5 4 7	114	Tamil	6 6 4 7
47	Interlingue	5 5 5 1	115	Telugu	6 6 5 1
48	Inupiak	5 5 5 7	116	Tajik	6 6 5 3
49	Indonesian	5 5 6 0	117	Thai	6 6 5 4
50	Icelandic [ICE]	5 5 6 5	118	Tigrinya	6 6 5 5
51	Italian [ITA]	5 5 6 6	119	Turkmen	6 6 5 7
52	Hebrew	5 5 6 9	120	Tagalog	6 6 5 8
53	Japanese	5 6 4 7	121	Setswana	6 6 6 0
54	Yiddish	5 6 5 5	122	Tonga	6 6 6 1
55	Japanese [JPN]	5 6 6 9	123	Turkish [TUR]	6 6 6 4
56	Georgian	5 7 4 7	124	Tsonga	6 6 6 5
57	Kazakh	5 7 5 7	125	Tatar	6 6 6 6
58	Greenlandic	5 7 5 8	126	Twi	6 6 6 9
59	Cambodian	5 7 5 9	127	Ukrainian	6 7 5 7
60	Kannada	5 7 6 0	128	Urdu	6 7 6 4
61	Korean [KOR]	5 7 6 1	129	Uzbek	6 7 7 2
62	Kashmiri	5 7 6 5	130	Vietnamese	6 8 5 5
63	Kurdish	5 7 6 7	131	Volapuk	6 8 6 1
64	Kirghiz	5 7 7 1	132	Wolof	6 9 6 1
65	Latin	5 8 4 7	133	Xhosa	7 0 5 4
66	Lingala	5 8 6 0	134	Yoruba	7 1 6 1
67	Laothian	5 8 6 1	135	Chinese [CHI]	7 2 5 4
68	Lithuanian	5 8 6 6	136	Zulu	7 2 6 7

If you choose a Language that has a 3 letter language code, the code will be displayed everytime you change the Audio or Subtitle language setting on pages 20 and 21. If you choose any other languages, '---' will be displayed instead. (3 letter language code is written in bracket.)

## TROUBLESHOOTING GUIDE

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

Symptom	Cause	Remedy
No power	<ul style="list-style-type: none"> <li>● Loose power plug.</li> </ul>	<ul style="list-style-type: none"> <li>● Insert the power plug firmly into the wall outlet.</li> </ul>
The player does not respond to the remote control.	<ul style="list-style-type: none"> <li>● The remote control is not aimed at the sensor on the player.</li> <li>● Obstacles present between the remote control and the sensor.</li> <li>● The remote control is too far away from the player.</li> <li>● Dead batteries.</li> </ul>	<ul style="list-style-type: none"> <li>● Aim the remote control directly at the sensor on the player.</li> <li>● Remove the obstacles from the signal path.</li> <li>● Use the remote control within 23' (7m) of the player.</li> <li>● Replace the batteries.</li> </ul>
No picture	<ul style="list-style-type: none"> <li>● Loose video connection.</li> <li>● Wrong disc.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect the video cables firmly.</li> <li>● Insert a correct video disc that plays on this player.</li> </ul>
Disc cannot be played	<ul style="list-style-type: none"> <li>● No disc.</li> <li>● Dirty disc.</li> <li>● Disc is placed upside down.</li> <li>● Parental lock is active.</li> </ul>	<ul style="list-style-type: none"> <li>● Insert a disc.</li> <li>● Clean the disc.</li> <li>● Place the disc correctly, with the label side up.</li> <li>● Cancel the parental lock or change the control level.</li> </ul>
No sound	<ul style="list-style-type: none"> <li>● Loose audio connection.</li> <li>● The power of the connected audio component is off.</li> <li>● Wrong audio output settings.</li> <li>● Wrong input settings on the connected audio component.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect the audio cables firmly.</li> <li>● Turn the power of the audio component on.</li> <li>● Correct the audio output settings.</li> <li>● Correct the input settings on the audio component.</li> </ul>
Distorted picture	<ul style="list-style-type: none"> <li>● Copy protection is active.</li> <li>● Unit accidentally set into fast forward or reverse mode.</li> <li>● The 1st layer is switching to the 2nd layer, when playing a two layered disc.</li> </ul>	<ul style="list-style-type: none"> <li>● Connect the player directly to the TV.</li> <li>● There are some cases where pictures may be slightly distorted, which are not a sign of a malfunction.</li> <li>● Although Pictures may stop for a moment, this is not a malfunction.</li> </ul>
Audio or subtitle language does not match the setup.	<ul style="list-style-type: none"> <li>● The selected language is not available for audio or subtitles on the DVD.</li> </ul>	<ul style="list-style-type: none"> <li>● No malfunction.</li> </ul>
The camera angle cannot be changed.	<ul style="list-style-type: none"> <li>● The DVD does not contain sequences recorded from different camera angles.</li> </ul>	<ul style="list-style-type: none"> <li>● No malfunction.</li> </ul>
Audio or subtitle language cannot be changed.	<ul style="list-style-type: none"> <li>● The DVD does not contain audio source or subtitles in the selected language.</li> </ul>	<ul style="list-style-type: none"> <li>● No malfunction.</li> </ul>
“Prohibited icon” appears on the screen, prohibiting an operation.	<ul style="list-style-type: none"> <li>● That operation is prohibited by the player or disc.</li> </ul>	<ul style="list-style-type: none"> <li>● No malfunction.</li> </ul>

### Notes

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

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

## SERVICE INFORMATION (For the U.S.)

For the location of the nearest Sharp Authorized Service Center, or to obtain product literature, accessories, supplies or customer assistance, please call **1-800-BE-SHARP** (1-800-237-4277) or visit SHARP's website (<http://www.sharp-usa.com>).

## HANDLING PRECAUTION

### CABINET CLEANING

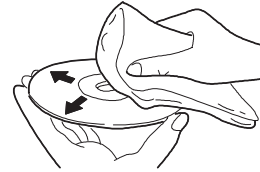
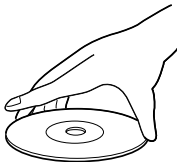
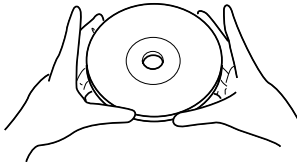
- Wipe the front panel and other exterior surfaces of the DVD player with a soft cloth immersed in lukewarm water and wrung dry.
- Never use a solvent or alcohol.  
Do not spray insecticide liquid near the DVD player.  
Such chemicals may cause damage and discoloration to the exposed surfaces.

### DISC HANDLING

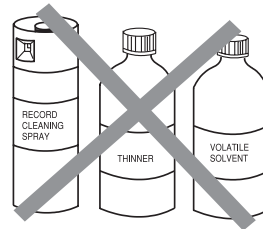
- Use discs which have the following logos on them.  
(Optical audio digital discs.)
- To clean-off, use a soft cloth.
- Do not use a hard cloth since this will mar the disc.
- Wipe the disc in a straight line from center to edge.
- Never wipe with a circular motion.



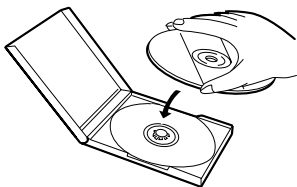
- Handle the discs so that fingerprints and dust do not adhere to the surfaces of the discs.



- Do not use detergent or abrasive cleaning agents.



- Always store the disc in its protective case when it is not used.





# SPECIFICATIONS

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Product type :	DVD Video Player
Discs :	DVD video Audio CD
Output signal format :	NTSC color
Frequency response	
DVD (linear sound) :	20 Hz to 22 kHz (sample rate: 48 kHz) 20 Hz to 44 kHz (sample rate: 96 kHz)
CD :	20 Hz to 20 kHz
Signal-to-noise ratio (S/N ratio)	
CD :	110 dB (EIAJ)
Dynamic range	
DVD (linear sound) :	95 dB
CD :	94 dB (EIAJ)
Total distortion factor	
CD :	0.007% (EIAJ)
Wow and flutter :	Below the measurement limitation (+/-0.001% W PEAK) (EIAJ)
Connections	
S-Video output :	Mini DIN 4-pin jack (75 ohm)
Video output :	One RCA connector, 1 Vpp (75 ohm)
Coaxial digital audio output :	One pin jack, 500mVpp (75 ohm)
Analog audio output :	Two RCA connectors (one left channel, one right channel) 2 Vrms (47 kilo-ohm)
Component video output :	One pin jack (Y), 1 Vpp (75 ohm) Two pin jacks (P <sub>b</sub> )/(P <sub>r</sub> ), 700mVpp (75 ohm)
Power source :	120 V AC +/- 10%, 60 Hz +/- 0.5%
Power consumption :	14 W (standby: 2 W)
Operating temperature :	5°C to 40°C
Dimensions :	W 17-1/8" (435mm) H 2-17/32" (75mm) D 8-5/16" (211mm)
Weight :	4.62 lbs (2.1kg)

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

# ESPAÑOL (Guía rápida de operación)

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Para futura referencia, anote los números de modelo y de serie (indicados en la parte posterior esta unidad) en el espacio provisto.

No. de modelo: \_\_\_\_\_

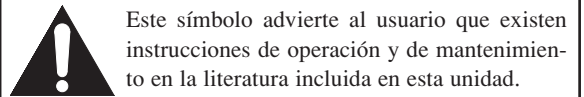
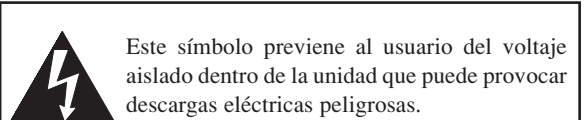
No. de serie: \_\_\_\_\_

**AVISO: PARA REDUCIR EL RIESGO DE INCENDIO O ELECTROCHOQUE NO EXPONGA ESTE APARATO A LA HUMEDAD.**



**PRECAUCION:**

TPARA REDUCIR EL RIESGO DE DESCARGA ELECTRICA, NO quite la cubierta. EL USUARIO NO DEBERA DAR NINGUN TIPO DE SERVICIO A NINGUNA PARTE INTERNA. DEBERA SER REALIZADO SOLO POR PERSONAL DE SERVICIO CALIFICADO.



**“ADVERTENCIA—Las reglas de la FCC (Comisión Federal de Comunicaciones) estipulan que cualquier modificación o cambio a este equipo no aprobado expresamente por el fabricante podrá anular la autorización del usuario para operar este equipo”.**

Este dispositivo cumple con la Parte 15 de las reglas de la FCC (Comisión Federal de Comunicaciones). La operación se encuentra sujeta a las dos condiciones siguientes:

- (1) Este dispositivo no debería producir interferencias perjudiciales, y
- (2) este dispositivo debe aceptar cualquier interferencia recibida, incluyendo las que puedan producir una operación indeseable.

**INFORMACION**

Este equipo se ha sometido a todo tipo de pruebas y cumple con las normas establecidas para dispositivo digital de Clase B, de conformidad con la Parte 15 de las reglas de la FCC (Comisión Federal de Comunicaciones). Estas reglas están diseñadas para asegurar una protección razonable contra interferencias perjudiciales en las instalaciones residenciales. Este equipo genera, utiliza y puede emitir energía de radiofrecuencia y, si no se instala y utiliza debidamente, es decir, conforme a las instrucciones, podrían producirse interferencias perjudiciales en las radiocomunicaciones. Sin embargo, no se garantiza que estas interferencias no se produzcan en una instalación determinada. Si este equipo ocasiona interferencias en la recepción de radio o televisión, lo cual puede comprobarse con sólo apagar y encender el equipo, intente corregir el problema mediante una o una combinación de las siguientes medidas:

- Reoriente la antena receptora o cámbiela de lugar.
- Aumente la separación entre el equipo y el receptor.
- Enchufe el equipo a una toma de corriente situada en un circuito distinto del receptor.
- Consulte a su distribuidor o a un técnico experto en radio/televisión.

**PRECAUCION:**


ESTA UNIDAD HA SIDO CLASIFICADA COMO PRODUCTO CLASS 1 LASER.

EL USO DE MANDOS O AJUSTES O LA REALIZACION DE PROCEDIMIENTOS DISTINTOS DE LOS INDICADOS EN LA PRESENTE IMPLICA EL RIESGO DE EXPOSICION A UNA RADIACION PELIGROSA.

COMO LOS RAYOS LASER UTILIZADOS EN ESTA UNIDAD PUEDEN RESULTAR PERJUDICIALES PARA SUS OJOS, NO INTENTE DESARMAR EL GABINETE. SOLICITE EL SERVICIO UNICAMENTE A PERSONAL CUALIFICADO.

Como socio de Energy Star®, SHARP ha determinado que este producto cumple con las pautas de Energy Star® para uso eficiente de energía. Energy Star es una marca registrada estadounidense.

# IMPORTANTES MEDIDAS DE SEGURIDAD Y PRECAUCIONES

- 1) Lea las instrucciones - Lea detenidamente todas las instrucciones de seguridad y operación antes de usar el producto.
- 2) Conserve las instrucciones - Conserve las instrucciones de seguridad y operación para consultas futuras.
- 3) Respete las advertencias - Observe estrictamente todas las advertencias impresas en el producto y las incluidas en el manual de instrucciones.
- 4) Siga las instrucciones - Siga todas las instrucciones de operación.
- 5) Limpieza - Desconecte el producto del tomacorriente mural antes de limpiarlo. No use limpiadores líquidos ni aerosol. Use un paño húmedo para la limpieza del producto.
- 6) Enchufes - No use enchufes no recomendados por el fabricante del producto, ya que podría ser peligroso.
- 7) Agua y humedad - No use este producto cerca del agua, por ejemplo, cerca de una bañera o lavamanos, cerca del fregadero de la cocina o lavandería, en un piso mojado, cerca de una piscina, etc.
- 8) Accesorios - No instale este producto en un carro, soporte, trípode o mesa inestables. El grabador de videocassettes podría caerse, causando serias lesiones a un niño o adulto, resultando también severamente dañado. Uselo sólo en un carro, soporte, trípode o mesa recomendados por el fabricante, o vendidos con el producto. Toda instalación del producto deberán hacerse de acuerdo a las instrucciones del fabricante, empleando los accesorios de instalación recomendados por el mismo.
- 9) La combinación de producto y carro debe ser movida con cuidado. Las detenciones bruscas, la fuerza excesiva y las superficies dispares harán que el producto y el carro se vuelquen. 
- 10) Ventilación - El gabinete del producto tiene ranuras y aberturas de ventilación que garantizan el funcionamiento confiable del producto, evitando que se recaliente. Estas aberturas no deberán ser bloqueadas, nunca se debe poner el grabador de videocassettes encima de una cama, sofá, alfombra u otra superficie similar. El grabador de videocassettes no debe ser instalado en un mueble empujado, como una repisa para libros o bastidor, a menos que se pueda garantizar una ventilación adecuada, o cuando las instrucciones del fabricante así lo especifiquen.
- 11) Alimentación - Este grabador de videocassettes sólo debe ser operado mediante el tipo de fuente de alimentación especificado en la etiqueta indicadora. Si no se tiene seguro del tipo de fuente de alimentación que tiene en su casa, consulte a su distribuidor o a la compañía de electricidad local. En el caso de grabador de doseñados para funcionar a pilas o con otras fuentes de alimentación, consulte el manual de instrucciones respectivo.
- 12) Conexión a tierra o polarización - Este producto está equipado con una clavija polarizada de corriente alterna (una clavija que tiene una espiga más ancha que la otra). Esta clavija solamente podrá ser insertada en el tomacorriente en una sola dirección. Esta es una medida de seguridad. Si no pudiera insertar completamente la clavija en el tomacorriente, vuelva a intentarlo invirtiendo la clavija. Si aún no fuera posible insertar la clavija, tome contacto con un electricista para que repare su tomacorriente obsoleto. No modifique las características de seguridad de la clavija polarizada.
- 13) Protección del cable de alimentación - Los cables de alimentación deberán ser tendidos de manera tal que la probabilidad de que sean pisados o aplastados por otros objetos sea mínima. Preste especial atención a las clavijas de los cables, a los receptáculos, y al punto por donde salen del producto.
- 14) Tormentas eléctricas - Como medida adicional de protección durante tormentas eléctricas, o cuando el producto permanezca sin uso durante períodos prolongados de tiempo, desconéctelo del tomacorriente mural y desconecte la antena o sistema de cable. Esto evitará que el grabador de videocassettes resulte dañado por tormentas eléctricas o sobretensiones en la línea de alimentación.
- 15) Líneas de alimentación - Una antena exterior no debe ser instalada en la cercanía de líneas de alimentación aéreas ni de otros circuitos de potencial para iluminación eléctrica, o donde pueda caerse y hacer contacto con tales líneas o circuitos. Al instalar un sistema de antena exterior, entienda mucho cuidado de no tocar tales líneas o circuitos de alimentación, ya que el contacto con ellos podría ser fatal.
- 16) Sobrecarga - No sobrecargue los tomacorrientes murales ni los cables de extensión, ya que esto podría causar incendios o descargas eléctricas.
- 17) Entrada de objetos y líquidos - Nunca introduzca objetos de ningún tipo por las aberturas de este producto, ya que podría tocar peligrosos puntos de alta tensión o cortocircuitar partes, provocando incendios o descargas eléctricas. Nunca derrame ningún tipo de líquido sobre el producto.
- 18) Servicio - No intente reparar el producto usted mismo; al abrir o desmontar las cobiertas usted se expondrá a alta tensión y a otros peligros. Solicite todo servicio a personal calificado.
- 19) Daños que requieran reparación - En los siguientes casos, desconecte el producto del tomacorriente mural y llame a un técnico de servicio calificado:
  - a) Cuando el cable de alimentación o la clavija estén dañados,
  - b) Si se ha derramado líquido sobre la unidad, o si algún objeto ha caído dentro del producto,
  - c) Si el producto ha sido expuesto a la lluvia o al agua,
  - d) Cuando a pesar de haber seguido las instrucciones de operación, el producto no funcione normalmente. Ajuste solamente los controles mencionados en el manual de instrucciones; el ajuste incorrecto de otros controles podrá causar daños a la unidad, la que por lo general requerirá de un prolongado trabajo de reparación (por un técnico calificado) para que sus condiciones normales de operación puedan ser restablecidas,
  - e) Si el producto se ha caído o si el gabinete se ha dañado.
  - f) Cuando el producto muestre un cambio notorio en su rendimiento.
- 20) Piezas de reemplazo - Cuando sea necesario reemplazar piezas, asegúrese de que el técnico de servicio emplee las piezas de reemplazo especificadas por el fabricante, o piezas que tengan las mismas características que las piezas originales. Las sustituciones no autorizadas podrán causar

incendios, descargas eléctricas y otros problemas.

21) Revisión de seguridad - Al finalizar cualquier servicio de mantenimiento o reparación de este producto, solicítele al técnico que efectúe comprobaciones de seguridad para determinar si el producto se encuentra o no en condiciones óptimas de operación.

22) Calor - Este producto debe colocarse fuera del alcance de fuentes de calor tales como radiadores, rejillas de calefacción, estufas o cualquier otro producto destinado a producir calor, incluyendo los amplificadores.

## Servicio

---

1. No intente dar servicio Ud. mismo a esta unidad. Desconéctela y póngase en contacto con un técnico especializado. (Véase Consumer Limited Warranty al final de este manual)
2. Asegúrese de que el técnico de servicio utilice las partes autorizadas de reemplazo o sus equivalentes. Las partes no autorizadas podrían ocasionar electrochoque, incendio u otros peligros.
3. Después de cualquier servicio o reparación, asegúrese de que el técnico de servicio lleve a cabo las verificaciones de seguridad para certificar que esta unidad esté en buen estado de operación.

## Protección contra copias

---

Esta unidad soporta la protección contra copias Macrovision.

En los discos DVD con código de protección contra copias, si intenta copiar los contenidos del disco DVD utilizando una videograbadora (VCR), el código de protección contra copias evitará la reproducción normal de la videocinta copiada.

“Apparatus Claims of U.S. Patents” Nos. 4.631.603, 4.577.216, 4.819.098 y 4.907.093 licenciadas para utilizaciones de visualización limitada solamente.

Este producto incorpora tecnología de protección de copyright que está protegida por reclamaciones de ciertas patentes de los EE.UU. y otros derechos de propiedad intelectual de propiedad de Macrovision Corporation y otros propietarios. El uso de esta tecnología de protección de copyright debe ser autorizado por Macrovision Corporation, y es solamente para uso doméstico u otros usos limitados a menos que se autorice lo contrario por Macrovision Corporation. Se prohíbe la ingeniería inversa y el desmontaje.

## Métodos recomendados para la alta calidad de imagen

---

Esta unidad es un instrumento de precisión construido utilizando tecnología altamente avanzada.

• El disco no podrá ser reproducido si el componente de la unidad del disco está gastado o si el lente interno está sucio. Para obtener una alta calidad de imagen, esta unidad debe ser chequeada (limpieza y reemplazo de algunas partes) cada 1,000 horas. Este período varía de acuerdo con el ambiente en el cual la unidad está usada. Refiérase a su distribuidor Sharp autorizado para detalles.

## Precaución sobre la formación de humedad

---

Hay casos en los cuales se puede formar humedad dentro de la unidad.

Operando una unidad en la cual se formó humedad, puede dañar o enrollar la cinta o señales del disco no podrán ser leídas. Remueva el cassette o disco y deje la unidad encendida (power ON) por 2 horas para que se caliente y quite la humedad. La unidad operará de nuevo normalmente.

Se puede formar humedad en el tambor, las cabezas, el lente, la cinta, o el disco bajo las siguientes condiciones:

- Inmediatamente después de que se ha encendido un calefactor.
- En un cuarto muy húmedo y caluroso.
- Cuando la unidad se ha movido repentinamente de un ambiente frío a un ambiente caliente.  
Opere esta unidad en un lugar donde la temperatura es entre 5°C a 35°C (41°F a 95°F). Humedad se puede formar dentro de la unidad en lugares fríos.

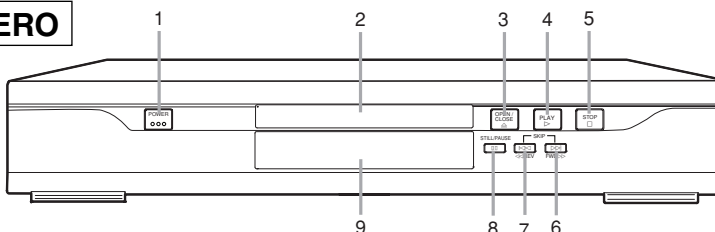
## Otros

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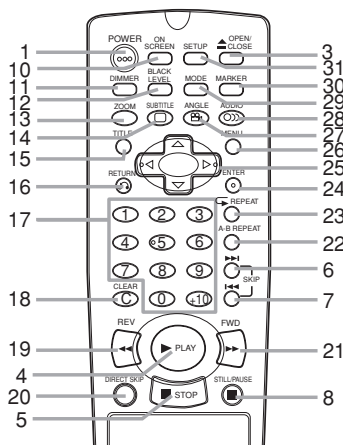
Es intención de Sharp que este producto sea utilizado de total conformidad con las leyes de copyright de los Estados Unidos y que se obtenga el consentimiento previo de los titulares del copyright siempre que sea necesario.

# CONTROLES DE OPERACIÓN Y FUNCIONES

## PANEL DELANTERO

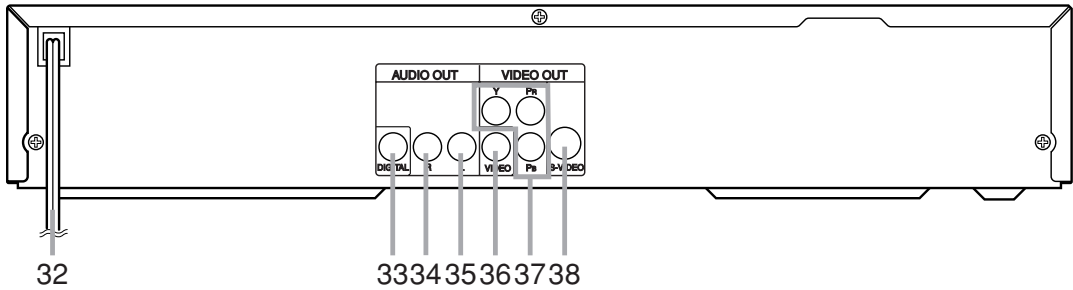


## MANDO A DISTANCIA



1. **Botón de la alimentación**  
Púlselo para conectar y desconectar la alimentación.
2. **Bandeja de disco**
3. **Botón de apertura/cierre (OPEN/CLOSE)**  
Púlselo para introducir discos en la bandeja o sacarlos de ella.
4. **Botón de reproducción (PLAY)**  
Inicie la reproducción del contenido del disco.
5. **Botón de parada (STOP)**  
Detiene la operación del disco.
6. **Botón de salto ascendente/avance rápido (SKIP UP/FWD) (Unidad principal)**  
Inicia la reproducción desde el principio del capítulo o pista siguiente. Manténgalo pulsado para que la reproducción avance rápidamente.
7. **Botón de salto ascendente/avance rápido (SKIP UP/FWD) (Unidad principal)**  
Inicia la reproducción desde el principio del capítulo o pista siguiente. Manténgalo pulsado para que la reproducción avance rápidamente.
8. **Botón del modo de búsqueda (DIRECT SKIP)**  
Púlselo para localizar un punto deseado.
9. **Visualizador, ventana del sensor del mando a distancia**
10. **Botón de visualización (ON SCREEN)**  
Muestra el estado actual en la pantalla del televisor con fines de comprobación.
11. **Botón de palidez (DIMMER)**  
Púlselo para cambiar el ajuste de visualización en la pantalla.
12. **Botón del nivel del negro (BLACK LEVEL)**  
Púlselo para cambiar el ajuste de niveles de control.
13. **Botón del ZOOM**  
Amplia parte de una imagen de DVD reproducida.
14. **Botón de subtítulos (SUBTITLE)**  
Púlselo para seleccionar el idioma de subtítulos deseado.
15. **Botón de titulación (TITLE)**  
Visualiza el menú de títulos.
16. **Botón de retorno (RETURN)**  
Púlselo para volver a la operación anterior.
17. **Botones numéricos**
18. **Botón de cancelación (CLEAR)**  
Repone un ajuste.
19. **Botón de salto descendente/retroceso rápido (SKIP DOWN/REV)**  
Inicia la reproducción desde el principio del capítulo o pista actual. Manténgalo pulsado para que la reproducción retroceda rápidamente.
20. **Botón del modo de búsqueda (DIRECT SKIP MODE)**  
Púlselo para localizar un punto deseado.
21. **Botón de salto ascendente/avance rápido (SKIP UP/FWD)**  
Inicia la reproducción desde el principio del capítulo o pista siguiente. Manténgalo pulsado para que la reproducción avance rápidamente.
22. **Botón de repetición A-B (A-B REPEAT)**  
Repite la reproducción de una sección seleccionada.
23. **Botón de repetición (REPEAT)**  
Repite la reproducción del disco, título, capítulo o pista actual.
24. **Botón de introducción (ENTER)**  
Púlselo para aceptar un ajuste.
25. **Botones numéricos**
26. **Botón de MENU** Visualiza los menús DVD.
27. **Botón de ángulos (ANGLE)**  
Púlselo para cambiar el ángulo de la cámara y ver desde un ángulo diferente la secuencia que está siendo reproducida.
28. **Botón de AUDIO**  
Púlselo para seleccionar el modo de sonido o el idioma de audio deseado.
29. **Botón de modo (MODE)**  
Activa el modo de reproducción programada o el modo de reproducción aleatoria.
30. **Botón del marcador (MARKER)**  
Púlselo para volver a llamar la visualización de marcador.
31. **Botón de preparación (SETUP)**  
Púlselo para entrar en el modo de preparación o para cambiar elementos de preparación.

## VISTA TRASERA



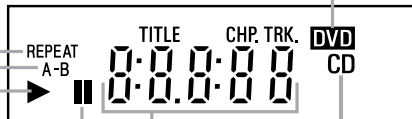
32. Cable de alimentación  
 33. Toma de salida de audio digital coaxial (COAXIAL DIGITAL AUDIO OUT)  
 34. Toma de salida de audio derecha (AUDIO OUT)  
 35. Toma de salida de audio izquierda (AUDIO OUT)  
 36. Toma de salida de vídeo (VIDEO OUT)  
 37. Tomas de salida de vídeo componentes  
 38. Toma de salida de vídeo (VIDEO OUT)

## VISUALIZACIÓN

Permanece encendido cuando está activada la función de repetición A-B.

Se enciende cuando se inserta un DVD en la bandeja.

Permanece encendido cuando está activada la función de repetición.



Se enciende cuando el disco insertado hace una pausa.

CD: Se enciende cuando se inserta un CD en la bandeja.

Permanece encendido cuando el disco insertado está siendo reproducido.

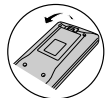
Visualiza el tiempo de reproducción del título o de la pista actual. Cuando se cambia un capítulo o una pista, se visualiza el número del nuevo título, capítulo o pista.

## VISUALIZACIONES DURANTE LA OPERACIÓN

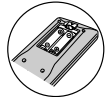
	Conexión de alimentación
	No hay disco insertado
	Bandeja abierta
	Bandeja cerrada
	Carga del disco
	Desconexión de alimentación

## INSTALACIÓN DE LAS PILAS

1. Abra la tapa del compartimiento de las pilas.



2. Introduzca dos pilas del tamaño "AA" (R-06) con las polaridades colocadas correctamente.



3. Cierre la tapa.



### Notas

- No mezcle pilas alcalinas y de manganeso.
- No mezcle pilas viejas y nuevas.



## CONEXIONES

### CONEXIÓN A UN TELEVISOR

Consulte la figura 1 de la página 10

#### PARA TELEVISORES CON TOMA DE ENTRADA DE VÍDEO S

Utilice un cable de vídeo S (de venta en el comercio) en lugar del cable de vídeo amarillo para disfrutar de imágenes de más alta calidad.

Consulte la figura 2 de la página 10

Consulte la figura 3 de la página 10

### CONEXIÓN A UN AMPLIFICADOR EQUIPADO CON TOMAS DE ENTRADA DIGITAL, PLATINA MD O PLATINA DAT

Para hacer las conexiones de audio utilice cables digitales coaxiales de audio (de venta en el comercio).

Consulte la figura 4 de la página 11

### CONEXIÓN A UN TELEVISOR O A UN TELEVISOR ESTÉREO QUE TENGA TOMAS COMPONENT VIDEO IN

Ponga Dolby Digital y DTS en OFF en el reproductor DVD. Si reproduce un DVD cuando los ajustes están mal hechos, el sonido se distorsionará o usted tal vez estropee los altavoces.

Consulte la figura 5 de la página 11

### CONEXIÓN A UN DESCODIFICADOR DOLBY DIGITAL O A UN DESCODIFICADOR DTS

Si utiliza este reproductor DVD para reproducir un DVD en un formato de sonido ambiental DTS o sonido ambiental Dolby Digital de 5,1 canales, el reproductor DVD dará salida a un flujo de datos Dolby Digital o DTS desde su toma COAXIAL DIGITAL AUDIO OUT. Conectando el reproductor a un descodificador Dolby Digital o DTS, usted podrá disfrutar de un ambiente más convincente y real, con un sonido ambiental potente y de alta calidad de estándar profesional como el que puede oírse en los cines.

Para hacer las conexiones de audio utilice cables digitales coaxiales de audio (de venta en el comercio).

Consulte la figura 6 de la página 12

## REPRODUCCIÓN DE UN DISCO

### REPRODUCCIÓN DE UN DVD DE VÍDEO O UN CD DE AUDIO

DVD

CD

#### Para empezar

Conecte la alimentación del televisor, amplificador y cualquier otro componente que esté conectado al reproductor DVD. (Cambie el sistema de entrada para adaptarlo al reproductor DVD, y compruebe que el volumen del sonido sea correcto.)

#### 1 Pulse el botón POWER.

- La alimentación se conectará.

#### 2 Pulse el botón OPEN/CLOSE.

- La bandeja de carga del disco se abrirá.

#### 3 Ponga un disco en la bandeja.

- Asegúrese de que el disco esté correctamente asentado en el hueco correcto, con el lado de la etiqueta hacia arriba.

#### 4 Pulse el botón PLAY.

- La bandeja se cerrará automáticamente y la reproducción empezará desde el primer capítulo o pista del disco. Necesitará pulsar el botón PLAY sólo cuando la bandeja haya sido cerrada pulsando el botón OPEN/CLOSE.
- Cuando reproduzca un DVD que tenga grabado un menú de títulos, el menú tal vez aparezca en la pantalla. En este caso, consulte "UTILIZACIÓN DEL MENÚ DE TÍTULOS".

#### 5 Pulse el botón STOP para detener la reproducción.

# MEMO

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# CONSUMER LIMITED WARRANTY

(Valid for warranty service in the U.S. only)

## CONSUMER LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION warrants to the first consumer purchaser that this Sharp brand product (the "Product"), when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to improper voltage or other misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of Sharp.

The warranties described herein shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer. Nor shall Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

### Model Specific Section

**Your Product Model Number & Description:**

DV-S1U DVD Video Player

(Be sure to have this information available when you need service for your Product.)

**Warranty Period for this Product:**

One (1) year parts and ninety (90) days labor from date of purchase.

**Additional Item(s) Excluded from Warranty Coverage (if any):**

Non-rechargeable batteries.

**Where to Obtain Service:**

Call Sharp Electronics corporation toll free at 1-800-BE-SHARP for instructions on how to obtain service on your DVD player.

**What to do to Obtain Service:**

Ship your product, prepaid, as per the instruction given by the Sharp representative at the toll free number (1-800-BE-SHARP). BE sure to have your proof of purchase available. Be sure to ship the product securely packaged and insured against shipping damage.

TO OBTAIN SUPPLY, ACCESSORY OR PRODUCT INFORMATION, GO TO OUR WEBSITE AT [www.sharp-usa.com](http://www.sharp-usa.com) OR CALL 1-800-BE-SHARP.

# SHARP®

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