RCA

DVD Player User's Guide

DRC620N

Changing entertainment. Again.

A ⬦ THOMSON BRAND
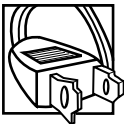
FCC INFORMATION

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 this 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.

This class B digital apparatus meets all requirements of the Canadian Interference--Causing Equipment Regulations.

The Shock Hazard Marking and Associated Graphical Symbol is provided on the bottom panel of unit.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.
Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

Product Registration: Please fill out the product registration card (packed separately) and return it immediately. For U.S. customers: Your RCA Consumer Electronics product may also be registered at www.rca.com/productregistration Registering this product allows us to contact you if necessary.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the player.

Model number: _____ Serial Number: _____
Purchase date: _____
Dealer address and phone: _____
_____

WARNING: To reduce the risk of fire or shock hazard, do not expose this DVD player to rain or moisture. No objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION: THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUST-MENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CAUTION: FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the oeprating instructions unless you are qualifieid to do so.

Note: This device is protected by U.S. patent numbers 4,631,603; 4,577,216; 4,819,098; 4,907,093; 6,516,132 and other intellectual property rights.

This DVD player is designed and manufactured to respond to the Region Management Information. If the Region number of a DVD disc does not correspond to the Region number of this DVD player, this DVD player cannot play the disc. The Region number for this DVD player is Region No 1.

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

CLASS 1 LASER PRODUCT

Table of Contents

Chapter 1: Connections and Setup

Chapter 2: Playing Discs

Chapter 3: Menu System

Chapter 4: Additional Information

What's in the Box

Thank you for purchasing this DVD player. Unpack the box completely and tear off any protection films.

Portable DVD player

DVD player battery
(part # 269745)

Power supply
(part # 269746)

Car adapter
(part # 269750)

Car bag
(part # 269747)

Audio/video cables
(part # 269748)

User's guide

Remote control with battery (CR2025)
(part # 269749)

Installing the Battery

Battery lock

1. Slide the battery lock on the left side of the unit to the OPEN position to open the battery compartment.

2. Slide the battery into the compartment with the battery labeling facing up and the arrow pointing toward the unit. Push it all the way in until it snaps into place.

Note: Contact the applicable local governmental office and your current waste removal provider for assistance in determining the appropriate disposal method in your area for old batteries.

Removing the Battery

If you need to remove the battery in the future, use the following steps:

1. Slide the battery lock on the left side of the unit to the OPEN position to open the battery compartment.

2. Use your thumb to press the battery release tab (on the right side of the battery compartment) to the right. The battery releases and you can pull it out.

Installing the Battery in the Remote Control

Remove the battery holder from the remote control, insert a CR2025 battery, and reinsert the battery holder into the remote control.
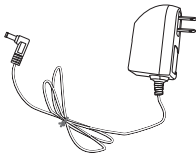
Battery holder

Release tab

CR 2025 (+)
CR 2025 (+)

In order to avoid any risk of explosion, observe polarities indicated inside the battery compartment. Replace only with the type of batteries specified above. Do not throw them into fire, do not recharge them. If you are not using the remote control unit for an extended period (several weeks), take the battery out.

To remove the battery holder from the remote, use your thumb to push the release tab of the battery holder on the bottom of the remote to the right. Then, while holding the tab to the right, pull out the battery holder with your index finger.

Connections and Setup

The Player's Power Supply

You can power your player from the battery or from the power supply. The battery must first be charged using the power supply.

Using the battery

1. Install the battery as explained on page 3.

Battery

Charging the battery and powering the unit

1. Connect the round plug on the power supply cord to the player's DC IN jack. The battery takes about 3 hours to fully charge when the unit is turned off and somewhat longer if the unit is on. The battery should last about 2.5 hours when fully charged.

Connecting your DVD Player to Other Components

Connecting the player to a television set

If you want to use your portable player for home viewing, you can connect it to a television set using the supplied audio/video cables. Connect the yellow mini plug to the Video, and the black plug to the audio jacks on the player.

Note: Remember to turn on your TV and tune it to the Input channel on the TV to view the video from the DVD player.

Using headphones

For private listening, use the headphone jacks to connect headphones (not included) to the player.

Connecting Audio-Video output to the player

If you want to use the player's built-in LCD screen to watch pictures from an external source (camcorder, VCR, etc.), use the supplied Audio-Video cables. Also, make sure the AV SELECT switch on the back of the player is set to IN.

AV SELECT switch

Bottom, left side of unit.

Front of the DVD Player

1. **LCD screen**

2. **Play/Pause button —** Plays a disc and pauses during playback.

3. **Stop button —** Stops playback.

4. **Previous chapter/track button —** Skips to previous chapter (DVD) or track (CD).

5. **Next chapter/track button —** Skips to next chapter (DVD) or track (CD).

6. **Reverse button —** Reverses playback.

7. **Forward button —** Fast forwards playback.

8. **SUBTITLE button —** Toggles the available subtitles.

9. **AUDIO button —** Toggles the available audio languages.

10. **Open button —** Lifts the LCD screen so you can load a disc.

Right Side of the DVD Player

1. **DC IN power jack —** Connect the power supply here.

2. **POWER switch**

3. **COAXIAL audio out jack —** Connects to the digital coaxial input on your audio receiver.
Note: You can purchase an audio cable with a digital audio connector on one end and a mini-plug on the end that connects to the player. The audio cable that came with your player carries analog sound and can be connected here.

4. **AUDIO IN/OUT jack —** When the AV SELECT switch on the back of the unit is set to OUT, connects to a component with audio input jacks, such as a TV. When the switch is set to IN, connects to a component with audio output jacks, such as a camcorder or video game system.

5. **VIDEO IN/OUT jack —** When the AV SELECT switch on the back of the unit is set to OUT, connects to a component with video input jacks, such as a TV. When the switch is set to IN, connects to a component with video output jacks, such as a camcorder or video game system.

6. **Headphone jacks**

7. **VOLUME control —** Increases/decreases the volume.

8. **COLOR control —** Adjusts the color intensity.

9. **BRIGHTNESS control —** Adjusts the brightness of the picture.

Connections and Setup

The Remote Control

Play/Pause a disc.

Stop disc playback. Press once for pre-stop mode (playback starts at location where you stopped). Press twice for complete stop (playback starts at beginning of disc).

Reverse/fast forward playback.

Skip back/forward one chapter (DVD) or track (CD).

Arrow buttons and Enter ← button: these are the navigation buttons you use to highlight on-screen menu items. Press Enter ← to select the item that is highlighted.

Buttons listed alphabetically

0-9	Use to input information such as chapter numbers and track numbers.
A-B	Define a specific segment on the disc that you want to repeat. See page 13 for more information.
ANGLE	Toggles the available camera angles.
AUDIO	Toggles the available audio languages.
BOOKMARK	Lets you mark a point on the disc so you can quickly start playing from that point.
CLEAR (C)	Removes on-screen menus and displays.
OSD (On Screen Display)	Displays the Info Display information.
MENU	When playing a disc, accesses the disc's menu. Also turns the Playback Control (PBC) menu on and off. The PBC feature is used with some VCD and SVCD discs (Karaoke discs).

MUTE	Reduces the audio level to minimum level.
PROGRAM	Use to program tracks and chapters to play in a desired order.
RANDOM	Toggles random playback.
REPEAT	Repeat the title or chapter of the disc. Press repeatedly to scroll through the options (CHAPTER, TITLE, or OFF).
RETURN (⌒)	In combination with SHIFT, stops playback and returns to Playback Control (PBC) menu.
SEARCH	Accesses the title/chapter search menu, where you enter the desired title/chapter.
SETUP	Accesses the main menu of the DVD player.
SHIFT	Used in combination with the number buttons that are used for dual functions.
SLOW REV	Accesses reverse slow motion during playback. Press several times to change playback speed. When playback is paused, advances the frame in reverse.
STEP/ SLOW	Accesses forward slow motion during playback. Press several times to change playback speed. When playback is paused, advances the frame forward.
SUBTITLE	Toggles the available subititles.
TITLE	Toggles the available titles on the disc.
ZOOM	Enlarges the picture on the screen (DVD, VCD, and JPEG only).

Using the Setup Button

The SETUP button brings up the DVD player's Main menu. You can adjust the more advanced settings of the player here, including settings for the system, language, audio, video, and dynamic range. Using the arrow buttons to navigate and the Enter ◀ button to select items. See pages 16-24 to for detailed information on the Main menu.

Connections and Setup

Using Different Menus

Each disc is programmed with different features. There are three separate types of menus that you can use to access features:

• **The Disc menu –** The Disc menu is part of each disc and is separate from the DVD player's menu. The contents of each Disc menu vary according to how the disc was authored and what features were included on the disc. The Disc menu is turned on and off (while the disc is playing) with the MENU button on the remote control.

• **The DVD player's Info Display –** The Info Display appears as icons across the top of the screen and can only be accessed while you are playing a disc. It's turned on and off with the OSD (On Screen Display) button on the remote control.

Note: The Info Display is for reference information only, and can't be modified. You'll need to use the remote to change the chapter or title, for example.

• **The DVD player menu –** The DVD player's menu system is accessed when a disc is playing or in the stop mode. It appears automatically when you press the SETUP button on the remote control.

Compatible Discs

This DVD Player is capable of playing the following types of discs: DVDs, Video CDs, and CDs with mp3 files, WMA files (Windows Media Audio), and JPEG files on them. Before you put a disc in the player, make sure it is compatible.

You can't play the following types of discs: Laserdiscs, CD-I, CD-ROM (computer-only discs), DVD-ROM, or discs recorded using other broadcast standards (i.e. PAL or SECAM); CD-G discs.

Note: Some discs may not be compatible due to laser pickup and design.

Regional Coding

Both the DVD Player and the discs are coded by region. These regional codes must match in order for the disc to play. This player's code is **Region 1**. ALL means all regions. Other regions are: 2: Europe, the Middle East, Rep. of South Africa, Japan; 3: Southeast Asia, Taiwan; 4: Central America, South America, Australia, Mexico, New Zealand; 5: Russian Federation, Africa (except Egypt and Rep. of South Africa), India, Pakistan; 6: China.

Turn on the DVD Player

1. Set the player on a table or on a steady surface. Use the stand on the back of the player, if necessary.

2. Set the POWER switch on the right side of the unit to ON.

Open button

How to Load and Play a Disc

1. Slide the Open button to the right (the disc compartment door opens). Place a disc gently into the tray with the disc's label facing up (double-sided discs have content on both sides, so you can place the disc with either side up).

2. Close the disc compartment. The DVD player reads the disc's table of contents, and then one of three things happens depending on how the disc was programmed:

   • The disc starts playing.

   • The disc menu appears. One of the options will start playing the disc. Highlight that option and press Enter on the remote (the button between the arrows near the top of the remote).

   • The DVD player's main menu appears (since the *Play* menu is already highlighted, just press Enter ⏎ again) or press PLAY.

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Playing Discs

PLAY/PAUSE button

REV (reverse) button

FWD (forward) button

Playback Options

To search a disc using the remote control, you can use the FWD (forward), REV (reverse), and STEP/SLOW buttons.

Picture Scan (▶▶/◀◀) - During playback, pressing FWD (▶▶) or REV (◀◀) scans the disc. For DVD discs, there are 4 speed levels: 2x, 4x, 8x, and 20x. For other discs, there are 3 speed levels: 2x, 4x, and 8x. To resume normal playback, press PLAY/PAUSE.

Freeze Frame and Frame Advance – While a disc is playing, press the PLAY/PAUSE button, then press STEP/SLOW (each press advances the picture to the next frame. To resume normal playback, press PLAY/PAUSE.

Note: When a disc is paused or stopped for more than 3 minutes, the screen saver mode is activated automatically. To resume playback, press any button and then press PLAY/PAUSE.

Slow Motion – While a disc is playing, press STEP/SLOW (each press slows the speed of the disc). To resume normal playback, press PLAY/PAUSE.

Skip Forward/Backward

While a disc is playing, you can skip forward or backward a chapter or track at a time by pressing the PREV ◀◀ or ▶▶ NEXT button.

STEP/SLOW button

PREV (Previous chapter or track) button

NEXT (chapter or track) button

Other Playback Features

Using the remote control enables you to access some of the more advanced playback features such as Repeat, Random, Program, Bookmark and Zoom. All are accessed using the remote control.

Repeat

By default the Repeat feature is Off. The options available depend upon the type of disc you're playing.

- With DVD discs, you can repeat the title, chapter, or use A-B Repeat.
- With Audio CDs, you can repeat the disc, a track, or create a program that plays repeatedly.

Repeating Titles, Chapters, or Tracks

While a disc is playing, press REPEAT on the remote control repeatedly to scroll through the Repeat options of Title, Chapter and OFF.

A-B Repeat (DVD, VCD, SVCD)

A-B Repeat lets you define a specific segment on the disc that you want to repeat. To watch a scene over and over:

1. Press the A-B button to set point A at the beginning of the segment that you want to repeat.

2. Allow the disc to play to the end of the segment you want to repeat to set point B. Press the A-B button to set the B point (the segment will play repeatedly until you turn off the Repeat feature). Don't fast forward - the disc has to play in standard playback mode.

3. To turn off the Repeat feature, press the A-B button a third time to cancel A-B Repeat function and return to normal playback. Repeat is also cancelled when you eject the disc.

PROG			
TC	TC	TC	TC
01 :01	-- : --	-- : --	-- : --
01 :02	-- : --	-- : --	-- : --
-- : --	-- : --	-- : --	-- : --
-- : --	-- : --	-- : --	-- : --
	<PLAY> <CLEAR> ⬧		

Programming DVDs and CDs

You can program your movies and CDs to play in any order you choose.

1. With no disc playing, press PROGRAM (the Program menu appears).

2. Enter the title and chapter/track you want to program first (Title/ Chapter).

3. Use the arrow buttons to highlight the next chapter/track you want to program and enter the information. Repeat for all desired chapters/tracks.

4. When finished, highlight *PLAY* and press Enter ⏎ to play your playlist.

- To exit the menu, press PROGRAM again.

- To clear all programs, highlight *CLEAR* and press Enter ⏎.

Playing Discs

Zoom

The Zoom playback function is used to magnify an image and includes two options (2X or 4X). In addition to magnifying the image, you can pan and scan.

1. While you're playing a disc, press ZOOM (the player zooms in on the image). Each time you press ZOOM, the picture is magnified even more.

2. To see other parts of the picture when you've zoomed in on the image, try pressing the ▲ , ▼ , ◄ ,and ► buttons to go in corresponding directions. This feature is called pan and scan.

Subtitles

You can select a subtitle from those included on the disc by pressing the SUBTITLE button during playback.

Angle

If multiple camera angles are available on a disc, you can toggle the available angles by pressing the ANGLE button. Most discs do not have this feature.

Audio Language

You can select an audio language from those included on the disc by pressing the AUDIO button during playback.

Bookmarks

You can create temporary bookmarks to set points on the disc you watch frequently.

Creating Bookmarks

1. When the disc reaches the scene you want to mark, press the BOOKMARK button on the remote (the Info Display appears).

2. Press Enter ◄┙ to mark that point as a bookmark. A bookmark number appears between 1 and 5.

3. To add another bookmark, repeats steps 1 and 2.

4. To play a bookmark, use the arrow buttons to highlight the bookmark, and press PLAY/PAUSE.

Clearing Bookmarks

To clear a bookmark, press the BOOKMARK button to bring up the Info Display. Use the arrow buttons to highlight the bookmark you want to clear, then press CLEAR. The bookmark is deleted.

Playing mp3, WMA, and JPEG files

mp3 is an audio file format which compresses recorded music. It was developed by Fraunhofer Gesellschaft in collaboration with Thomson Inc. The main advantage of the mp3 format is the ability to store CD-quality music tracks that are user-friendly and compressed on a personal computer.

WMA (Windows Media Audio) is another audio file format, developed by Microsoft.

JPEG files are image files. Make sure that they have a resolution of less than 5 megapixels.

Note: The time taken for the contents of the disc to be displayed varies according to the size and number of JPEG files actually on the disc. If nothing is displayed after a few minutes, it is likely that certain files are too large. In this case, reduce the files' resolution to less than 5 megapixels and write another disc.

Before inserting a disc, check that it is compatible with the player (page 11).

1. Turn on the DVD and open the disc tray by pressing the Open button on the player.

2. Place the disc in the tray with the printed side facing up, then close the disc compartment; the disc's contents are displayed.

3. Use the arrow buttons to highlight the folder, file, mp3, or jpeg you want and press Enter to play it.

• To use A-B repeat, press the A-B REPEAT button to set the A and B points.

• To toggle the available repeat modes, press the REPEAT button. *REP1* repeats the track, *REP DIR* repeats the folder, *REP ALL* repeats the whole disc.

Folder icon   Files   Mp3 icon   JPEG icon

The DVD Player Menu System

Press the SETUP button on the remote control to bring up the DVD player menu system. Use the arrow buttons ▲ , ▼ , ◀ or ▶ on the remote to move through different menu items. Use the Enter ◀━ button to select or change a menu that is highlighted.

To return to a previous menu, press the ◀ (left arrow) button.

The System Setup Menu

The *SYSTEM SETUP* menu contains advanced options that include settings for display modes and parental control.

TV System

This setting allows you to choose the type of TV signal your TV receives, NTSC or PAL. The default setting is NTSC for North America.

1. With the player on, press SETUP (menu system appears).

2. Press the down arrow button to highlight *TV SYSTEM* and press Enter ◀━.

3. Use the arrow buttons to highlight your choice. When the item is highlighted, press Enter ◀━ to select it.

4. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

TV Type

The *TV TYPE* option adjusts the way a movie appears on your TV. Standard TVs are 4x3 format. Depending on the type of television you have, you may want to adjust the screen setting (also called the aspect ratio).

1. With the player on, press SETUP (menu system appears).

2. Press the down arrow button to highlight *TV TYPE* and press Enter ◀━.

3. Use the arrow buttons to highlight your choice (options explained below). When the item is highlighted, press Enter ◀━ to select it.

4. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

4:3 PS (Pan and Scan) – Choose this option if you want the movie to fill the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

4:3 LB (Letterbox) – Choose this option if you want to see movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it takes up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.

16:9 (Widescreen) – Choose this option if your DVD player is connected to a widescreen TV. If you choose this setting and you don't have a widescreen TV, the images on the screen might appear distorted due to vertical compression. If you play a disc recorded in 4x3 format on a widescreen TV, the left and right side of the screen appears black.

Menu System

Screen Format (DVD Player Display Mode)

The *SCREEN FORMAT* option allows you to change the aspect ratio of the DVD player's screen to 16:9 widescreen or 4:3 full screen. The default setting is widescreen.

1. With the player on, press SETUP (menu system appears).

2. Press the down arrow button to highlight *SCREEN FORMAT* and press Enter ◄┛.

3. Use the arrow buttons to highlight your choice. When the item is highlighted, press Enter ◄┛ to select it.

4. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

TV Screen

The *TV SCREEN* option allows you to rotate the picture on the display according to the position of the player. This is useful if you want to strap the carrying case to the back of a car seat, for example. The default setting is normal.

1. With the player on, press SETUP (menu system appears).

2. Press the down arrow button to highlight *TV SCREEN* and press Enter ◄┛.

3. Use the arrow buttons to highlight your choice. When the item is highlighted, press Enter ◄┛ to select it.

4. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

Password

The *PASSWORD* option allows you to set up the rating limits and lock your player to control the type of content your family watches. The parental control feature is a rating system for DVDs, like movie ratings.

When the player is locked, you need to enter the password in order to play discs that have a higher rating than what you've allowed. If the player is unlocked, no password is required to play discs. Even if you've set rating limits, they won't be enforced until the player is locked.

Notes: There is no preset password when the player is shipped from the factory. It is unlocked. If you want to use the PASSWORD feature, you must set the rating limits and lock the player with the menu.

If you forget your password, enter the factory preset password: **9835**.

1. With the player on, press SETUP (menu system appears).

2. Press the down arrow button to highlight *PASSWORD* and press Enter ⬅.

3. Use the number buttons to enter your password (or 9835 as the default) and press Enter ⬅. The parental controls are now unlocked, and you can change the ratings to the desired setting. See the next section on how to change the ratings.

4. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

Note: Once the player is unlocked, you can change the password to any 4-digit number.

Rating

The *RATING* option lets you determine the parental control rating level. In the United States of America (USA), the rating feature is based on the ratings set up by the MPAA (Motion Pictures Association of America) such as R, PG, G, etc. Some countries use a different rating system.

If the disc rating is higher than the rating you set in unit, the disc cannot be played. The unit alerts you when you try to play a movie with a rating that exceeds the limit that has been set. If you choose to override the rating limit, you will need to enter your password to resume the disc playback.

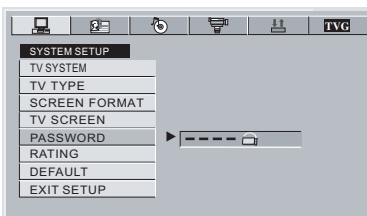*Note: The player must be unlocked before you can change any rating settings.*

1. With the player on, press SETUP (menu system appears).

2. Press the down arrow button to highlight *RATING* and press Enter ⬅.

3. Use the arrow buttons to highlight your choice. When the item is highlighted, press Enter ⬅ to select it.

4. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

Default

The *OPTION* option allows you to return all the player's setting to the factory defaults.

1. With the player on, press SETUP (menu system appears).

2. Press the down arrow button to highlight *DEFAULT* and press Enter ⬅. The player's settings return to the factory defaults.

3. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

Menu System

The Language Setup Menu

The *LANGUAGE SETUP* menu enables you to set preferred language options for:

*   *OSD LANGUAGE* (the DVD Player's menu system)
*   *AUDIO LANG* (the dialogue of DVD titles)
*   *SUB LANG (subtitles)*
*   *MENU LANG*

The way you choose languages is the same for each of the *LANGUAGE SETUP* submenus.

1. With the player on, press SETUP (menu system appears).

2. Use the right arrow button to highlight the *LANGUAGE SETUP* icon.

3. Use the arrow buttons to highlight an item in the menu.

4. Use the right arrow button to highlight the setting of the item. Press Enter ◄━┛ to select.

5. To return to the previous menu, press the left arrow button, if necessary. To remove the menu from the screen, press SETUP.

Discs are created differently. The DVD player can't override some language preferences. If a disc's software was created to play the movie (title) in a preferred language, the preference you set might be ignored.

Also, if the language isn't available on the movie you're playing, the disc's default language will be chosen.

You must turn on the Subtitle feature in order for them to appear when you're playing a disc.

If the disc wasn't created with subtitles, you won't be able to use the Subtitle feature.

If the disc wasn't created with the Subtitle language you choose in the Subtitles menu, the discs default subtitle language will be chosen.

The Audio Setup Menu

The *AUDIO SETUP* menu lets you adjust the player's settings to match the equipment you connected to your DVD player and to use the DVD player's sound features.

Audio Out

The *AUDIO SETUP* option allows you to set the COAXIAL digital audio jack to the desired output setting, RAW, PCM, or OFF.

1. With the player on, press SETUP (menu system appears).

2. Use the right arrow button to highlight the *AUDIO SETUP* icon.

3. Use the up or down arrow buttons to highlight *AUDIO OUT* and press Enter ◄┘.

4. Use the up or down arrow buttons to highlight the desired setting (options explained below) and press Enter ◄┘.

5. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.

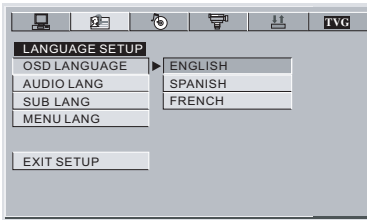**SPDIF / OFF** – Choose this option when you don't want to use the COAXIAL digital audio jack.

SPDIF/ RAW – Choose this option when the DVD player is connected to an amplifier with a built-in DTS decoder, Dolby* Digital decoder, MPEG decoder, or other audio equipment with digital audio input jack.

SPDIF/ PCM – Choose this option when the DVD player is connected to dual stereo digital audio equipment. When the DVD disc being played is recorded with the Dolby Digital, MPEG1/MPEG2 recording systems, the DVD player selects **PCM** as the audio output.

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

Menu System

The Video Setup Menu

The *VIDEO SETUP* menu lets you adjust the player's picture settings. The video settings are:

- *BRIGHTNESS (light and darkness)*
- *CONTRAST (difference between light and dark areas)*
- *HUE (tint or color balance)*
- *SATURATION (richness of the color)*

The way you choose options is the same for each of the *VIDEO SETUP* submenus.

1. With the player on, press SETUP (the Main menu appears, with *SYSTEM SETUP* highlighted).

2. Use the right arrow button to highlight the *VIDEO SETUP* menu.

3. Use the arrow buttons to highlight an item in the menu.

4. Use the right arrow button to highlight the setting of the item. Press Enter ◄┛ to select.

5. To return to the previous menu, press the left arrow button, if necessary. To remove the menu from the screen, press SETUP.
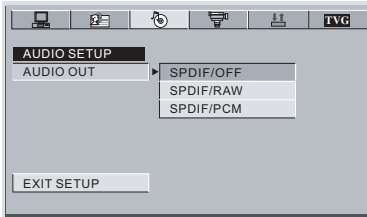
The Digital Setup Menu

The *DIGITAL SETUP* menu lets you adjust the player's audio dynamic range when you have components connected to the player.

Dynamic Range

The DYNAMIC RANGE option allows you to set the compression ratio for the audio line out jack when connected to other components. When set to FULL, the audio signal peak value has the least amount of compression. When set to OFF, it allows maximum compression.

1. With the player on, press SETUP (the Main menu appears, with *SYSTEM SETUP* highlighted).

2. Use the right arrow button to highlight the *DIGITAL SETUP* menu.

3. DYMANIC RANGE is already highlighted, so just press Enter ◄┛ to select it.

4. Use the arrow buttons to highlight the desired setting. Press Enter ◄┛ to select.

5. To return to the previous menu, press the left arrow button, if necessary. To remove the menu from the screen, press SETUP.
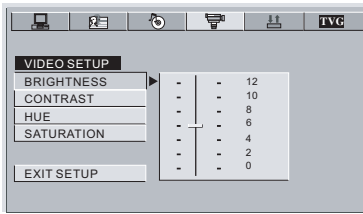
```
┌─────────────────────────────────────────┐
│ 🖥  📇  ⏱  🖨  ⊥  TVG                    │
│ TV GUARDIAN                               │
│ TVG MODE        ► OFF                      │
│ HELL/DAMN         TOLERANT                 │
│ RELIGIOUS         MODERATE                 │
│ SEXUAL            STRICT                   │
│ CC MODE                                    │
│ CC CHANNEL                                 │
│                                            │
│ EXIT SETUP                                 │
└─────────────────────────────────────────┘
```

The TVGuardian Menu

This product supports TVGuardian® Technology, offering your family the very best control of objectionable language in your home.

How it works

TVGuardian (TVG) filters out objectionable language by monitoring the closed captioning (CC) information contained on the DVD disc. When objectionable words or phrases are detected, TVGuardian mutes the audio and displays more appropriate 'profanity free' phrases. The TVGuardian technology also offers various levels of filtering and is easily adjustable with simple on-screen menus.

TVGuardian Setup Menu

1. With the player on, press SETUP (menu system appears).

2. Use the right arrow button to highlight the *TVG* icon.

3. Use the arrow buttons to highlight the desired setting (options explained below) and press Enter ◄┘.

4. Use the right arrow button to highlight the setting of the item. Press Enter ◄┘ to select.

5. To return to the previous menu, press the left arrow button if necessary. To remove the menu from the screen, press SETUP.
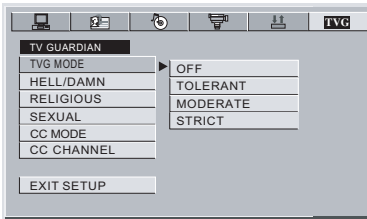
TVGuardian Mode

Off — No filtering

Tolerant — Filters only the most offensive foul language

Moderate — Increased standards for language filtering

Strict — Filters out all common offensive language

Word Subset Filtering

In addition to the main TVGuardian modes listed above, you can turn certain word subsets on or off according to your preferences.

Damn and Hell — Filters out variations of "Damn" and "Hell"

Religious — Filters out references to deity

(To watch religious programming, turn this word subset off)

Sexual — Filters sexually explicit language

Menu System

CC Mode

CC Off   Captions are never displayed

ON Mute (Default)   Captions are displayed when offensive language is being filtered

CC Continuous   Captions are displayed continually

CC Channel

To use the TVG captioning features while watching a DVD movie, your television must be capable of displaying closed captions. Make sure that your TV CC is set to *CC1* or *C1* (closed caption on channel 1), and that the CC channel on your DVD player is set to *CC1* (this is the default setting).

Notes:

• *TVGuardian monitors the closed captioning for words and phrases that are commonly considered to be offensive. It is the parents' responsibility to select programming with content suitable for their children. TVG will not filter out scenes, do 'voice overs', or filter all words and phrases that anyone may consider to be offensive. Errors in the CC can cause TVG to miss words or phrases. TVG works on media that includes closed captioning information. Some companies may not include CC on all of their DVDs, you can verify whether a DVD movie supports closed captioning by identifying the CC logo on the back cover of the DVD movie case.*

• *Replaced closed captioning phrases are provided through the TV's closed caption decoder. If the TV does not have a closed caption decoder, replaced phrases may not be displayed. Regardless, TVG will mute the filtered language.*

Troubleshooting

You can correct most problems you have with your product by consulting the Troubleshooting list that follows.

Note: If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359. For additional assistance while using your RCA product, please visit www.rca.com/customersupport.

No power
• Make sure the plug on the battery cable or power adapter is pushed firmly into the DC IN jack on the unit.
• Check the AC power plug on the power adapter; it too should be pushed in firmly.
• Try connecting another component to the outlet to see if the outlet is working. If not, check the corresponding fuse or circuit breaker in your house's fuse box.
• If using the battery, make sure the battery is fully charged.

The remote control does not work
• Remember to point the remote control at the front of your player (towards the infrared sensor).
• Pay attention to any objects that might be between the remote control and your player. They can obstruct the sensor, causing the player to malfunction.
• Maybe the batteries in the remote are weak, dead, or installed incorrectly. Replace the batteries and make sure the polarity of the terminals (+ and -) is correct.
• Disconnect the DC IN plug from your player for a few seconds then plug it back.
• The operating range of the infrared remote control is approximately 9 to 12 feet. This distance becomes less as the batteries wear out. This is a handy way of checking the battery state.

Disc won't play
• Insert a disc with the label side facing up.
• Check the type of disc you put into the disc tray. This portable DVD player only plays DVD video discs, Video CDs, audio CDs, SVCDs and mp3s.
• Both the player and disc are coded by region. If the regional codes don't match, the disc can't be played. This portable DVD player is **Region No. 1.**

Picture Problems
• If your player is connected to a TV, make sure the video input channel is selected on the TV to view the video.
• Check that all the various plugs are completely plugged in.
• If picture is distorted, the disc might be damaged. Try another disc.
• During forward and reverse scanning, it is normal to see some picture distortion.
• Make sure you have selected the correct *TV Type* option (see page 16).

The colors don't seem natural.
• Use the SETUP button on the remote control to access the portable DVD player's video options and adjust accordingly.

Additional Information

The picture format does not match the screen format.

• The picture format is adjustable (page 18). Some discs dictate the format, in which case no adjustment is possible.

Sound Problems.

• Adjust the volume control on the side of the player.
• If a TV is used, check whether the sound is muted or turned down low.
• If a TV or audio/video receiver is used, make sure you use the correct input setting.
• You may need to readjust the settings in the *AUDIO OUT* menu. See page 21.
• Sound is muted during still, frame advance, or slow-motion play.

Menu problems

• With a DVD: the disc menus are not displayed in your language. Read the disc jacket to see what languages are available on that disc.
• With a DVD: there are no subtitles. Read the disc jacket to see if subtitles are available on that disc. Choose subtitles in a language that suits you if possible (page 20).
• The default language for dialogues and subtitles may be preset by the DVD disc. To change it, follow the instructions on page 20.
• You can also change languages while the disc is playing by pressing the SUBTITLE button. This choice applies only to the disc being played.
• If the player's setup menus are not displayed in the language you want, check that your language is among those listed in the *LANGUAGE SETUP* menu (page 20). If necessary, choose another language.
• To clear a menu from the screen, press the SETUP.

Parental Control problems

• If the ratings don't work, you must lock the settings. Go to page 18 and follow the directions for the *PASSWORD* menu.
• If you forget your password, use the factory preset password: **9835.**
• The default language for dialogues and subtitles may be preset by the DVD disc. To change it, follow the instructions on page 20.

TVGuardian doesn't work with the DVD I'm playing

• TVGuardian works in conjunction with closed captioning, so the DVD disc must support closed captioning. Check the back of the DVD case for the CC logo. You also must make sure your TV is set to the CC1 setting for closed-captioning, as well as the correseonding TVGuaradian settings for this DVD player.

Maintenance of Cabinet

For safety reasons, when cleaning the cabinet be sure to disconnect the AC power cord from the AC outlet.
• Do not use benzene, thinner, or other solvents for cleaning.
• Wipe the cabinet with a soft cloth.

Formation of Condensation
• Due to sharp changes in temperature and humidity, condensation may form if warm air comes in contact with any cold parts inside the player.
• When condensation forms inside the player, the player may not operate correctly. If this occurs, leave the player at room temperature until the inside of the player becomes dry and operational.
• If condensation forms on a disc, wipe the disc with a soft, dry cloth by moving the cloth from the center hole toward the outer edge.

Handling Discs
• Don't touch the disc's signal surfaces. Hold by the edges or by one edge and the hole in the center.
• Don't affix labels or adhesive tape to label surfaces. Don't scratch or damage the label.
• Do not use damaged (cracked or warped) discs.

Cleaning Discs
• Dirty discs can cause reduced video and audio performance. Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
• If a disc becomes dirty, wet a soft cloth in water, wring it out well. Wipe the dirt away gently, and remove any water drops with a dry cloth.
• Do not use record-cleaning sprays or anti-static agents on discs. Also, never clean the discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.

Handling Cautions
• Before connecting other components to this player, be sure to turn all components off.
• Don't move the player while a disc is being played. The disc may get scratched or broken, and the player's internal parts may be damaged.
• Don't put any container filled with liquid or any small metal objects on the player.
• Be careful not to put your hand into the disc tray.
• Don't place anything other than the disc in the disc tray.
• Exterior influences such as lightning and static electricity can affect normal operation of this player. If this occurs, turn the player off and on again or disconnect and then reconnect the AC power cord to the AC power outlet. The player will operate normally.
• Be sure to remove the disc and turn off the player after use.

Additional Information

Recommendations and Information Concerning Discs

CD-R and CD-RW discs

This player can play most CD-R and CD-RW discs. However, depending on the recorder of the discs of your personal computer, the type of disc and recording method used, some discs might not play, or the performance might not meet the expected standard of quality. When playing a CD-R disc, it is completely normal for the unit to take up to 20 seconds to recognize the disc before it plays. If the disc is not recognized after a period of 20 seconds, remove the disc, and then insert it again. If after several trials, the disc cannot be recognized, make sure you have followed the recommendations below or try another type of disc.

• Whatever the actual recording capacity of a disc, do not fill it to maximum capacity.

• Use CD-R discs rather than CD-RW (re-recordable CDs), as replay of CD-RWs may sometimes not work properly.

• Use a reliable and good quality recording software.

• Before recording on a disc, close all applications on you personal computer in order to optimize the quality and reliability of recordings on the disc.

CD-R and CD-RW discs with mp3 format "Sound" files

In the case of discs that include mp3 files, follow not only the general recommendations for CD-R and CD-RW discs, but also the following specific recommendations:

• The format of your mp3 files should be ISO 9660 or JOLIET. These files are compatible with DOS and Windows applications as well as with Mac OS.

• Your mp3 files must have a name no longer than 12 characters as well as the suffix ".mp3". They must be recorded in the form: title.mp3. Ensure that you do not leave spaces or use special characters such as (. , / , \ , = ,+) in the name.

• Do not attempt to record protected mp3 files. Such files are coded and protected.

• Use a decompression transfer rate of at least 128 kb/sec (kilobytes/second) when recording mp3 files. Sound quality with mp3 files basically depends on the rate of compression/ decompression you choose. Getting audio CD quality sound requires an analog/digital sampling rate, that is conversion to mp3 format, of at least 128 kb/sec and up to 160 kb/sec. However, choosing higher rates, like 192 kb/sec or more, only rarely give even better sound quality. Conversely, files with sampling rates below 128 kb/sec will not be played properly.

Important: The above recommendations cannot be taken as a guarantee that the DVD player will play mp3 recordings, or as an assurance of sound quality. You should note that certain technologies and methods for mp3 file recording on CD-Rs prevent optimal playback of these files on your DVD player (that is degraded sound quality and even, in some cases, inability of the player to read the file or files).

Information updated in December 2002

CD-R and CD-RW discs with JPEG format "image" files

To view your JPEG images on a TV set you do not need to record your photographs with a resolution above 400,000 pixels (which corresponds to an image format of about 720 x 576 dots) because of the resolution of most TVs. Due to this, reduce the quality of your photographs before recording on a disc in order not to impede the proper running of your player. This is because excessively loaded pictures would slow down or might prevent the proper functioning of the slide show during playback on your player. Compatibility of JPEG files depends on the software on which they were created and on the size of files expressed in pixels. Some JPEG files, including continuous JPEG files (displayed in stages) cannot be played on this player.

Video CD (VCD) discs

VCD (Video Compact Disc) discs enable up to 74 minutes of VHS quality video associated with still pictures, audio tracks and interactive menus to be recorded on a CD.

Super Video CD (SVCD) discs

SVCD (Super Video Compact Disc) discs comply with standard IEC62107, making it possible to record up to 70 minutes of digital images and sound at standard MPEG-2 for video and MPEG-1 for audio. Compatibility of SVCD discs depends on the MPEG coding software, the disc design software, as well as the recording software used and the discs themselves.

DVD-R and DVD-RW discs

Your player can play DVD-R and DVD+R (single recording) and DVD-RW and DVD+RW (re-recordable) discs. Recordings on DVD-RW discs must be made in DVD Video mode. Recordings on DVD+RW discs must be made in accordance with the specifications for the 4.7 GB capacity DVD+RW disc format. Compatibility is dependent on which DVD writer, writer software and disks are used.

Important: Despite considerable progress made in providing compatibility with as many different discs as possible, reading of discs not conforming to Audio CD, Video CD and Super Video CD (S-VCD) disc standards cannot be guaranteed.

Additional Information

Limited Warranty

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- 90 days from date of purchase - Unit exchange, which includes parts and labor.

- 91 days to 1 year from date of purchase - Unit exchange, which includes parts only; you pay the labor.

- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

During the initial 90 days:

- Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.

After the 90 days and within one year:

Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period. We will bill you a flat exchange charge to replace a defective unit. This charge covers the labor cost for its repair.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.

- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

- Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:
  Thomson Inc.
  11721 B Alameda Avenue
  Socorro, Texas 79927

- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.

- Insure your shipment for loss or damage. Thomson accepts no liability in case of damage or loss en route to Thomson.

- A new or refurbished unit will be shipped to you freight prepaid.

What your warranty does not cover:

*   Acts of nature, such as but not limited to lightning damage.

*   Adjustment of customer controls.

*   Damage from misuse or neglect.

*   A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.

*   Batteries.

*   Units purchased or serviced outside the U.S.A.

*   Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.

Product Registration:

Please complete the online Product Registration on www.rca.com/productregistration or complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

*   THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.

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How state law relates to warranty:

*   Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

*   This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

*   This warranty does not apply. See your dealer for warranty information.

Additional Information
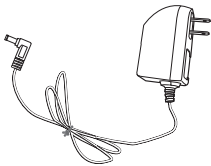
Accessory Information

There are accessories available to complement your DVD player. Prices are subject to change without notice. All accessories are subject to availability.

A shipping and handling fee will be charged upon ordering, and we are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent.

How to Order

To place an order by phone, have your Visa, MasterCard, or Discover Card ready (and model number of your DVD player) and call the toll-free number listed below.

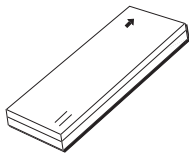**1-800-338-0376 (Use this number only to place an order for accessory items.)**

**Power supply
(part # 269746)**
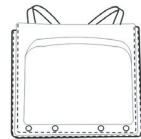
**Audio/video cables
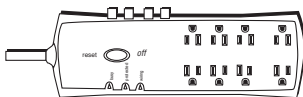(part # 269748**

**Car adapter
(part # 269750)**

**DVD player battery
(part # 269745)**

Headphones

**Car bag
(part # 269747)**

**Surge Protector (PS83202C2),
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$100,000 Connected Equipment
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**Remote control
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Visit the RCA website at www.rca.com

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