

RCA

Portable DVD Player User's Manual

Changing Entertainment. Again.



RC5400P

Important Information



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

FCC NOTE (for U.S.A.):

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.

Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

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 bottom of the player.

Model No. **RC5400P** _____

Serial No. _____

Purchase Date: _____

Dealer/Address/Phone: _____

Important Information

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 ADJUSTMENTS 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.

Note:

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.

Note:

This device is protected by U.S. patent numbers 4,631,603 and 4,577,216 and 4,819,098 and other intellectual property rights. The use of Macrovision's copy protection technology in the device must be authorized by Macrovision and is intended for home and other limited pay-per-view uses only, unless otherwise authorized in writing by Macrovision. Reverse engineering or disassembly is prohibited.

**CLASS 1
LASER
PRODUCT**

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Introduction

Your DVD player is equipped with some special features. The following information summarizes some of these features.

The On-Screen Information Display

The Info Display is a menu bar that you can bring up to access certain features while discs are playing. Icons represent the different features supported by your DVD player. You can access features including Repeat, Audio, Subtitles and Camera Angle.

Time Search

The Time Search feature lets you go to a point on a disc by entering the elapsed time in the on-screen time display. For example, if your favorite scene in a movie is one hour and twelve minutes after the beginning of the movie, you can enter 01:12:00 into the time display and go right to that point in the movie.

Ratings Limits

Your DVD player allows you to set ratings limits and passwords. For example, you can set the DVD player so that any movie with a PG-13 rating or above requires a password to be entered.

Since not all discs contain ratings, you can also decide if you want to allow free access or require a password to view unrated discs.

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DTS is a registered trademark of Digital Home Theater Systems, Inc.

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Connections & Setup

Chapter Overview:

- Things to Consider Before You Connect
- Choose Your Connection
- Install Batteries in the Remote
- Charging the Batteries
- The Remote Control



Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or components before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards sheet packed with your DVD player.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the back of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.


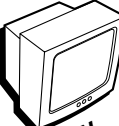

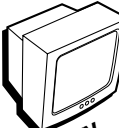

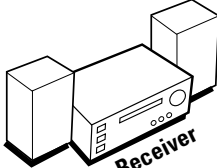
Types of Discs Your DVD Player will Play

- DVD video discs – DVD video discs contain high quality picture and sound content.
- Audio discs – Audio CDs contain musical or sound content only.
- Video CD discs – Like DVD video discs, Video CDs contain picture and sound content. The difference is the amount of information that can be stored on the disc.
- CD-R – A disc that you can write information to once (for example, download MP3 files).
- CD-RW – A re-writable disc. You can write information onto this type of disc more than once. For example, if you have previously downloaded MP3 files to a CD-RW disc, you can write information to the disc again, but it will erase the previously written information.



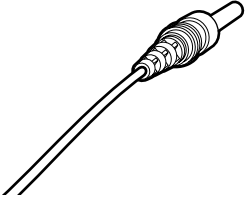
Choose Your Connection

There are several ways to connect your DVD player. Please use the following chart to determine which connection is best for you. Turn to the appropriate page and connect your DVD player.

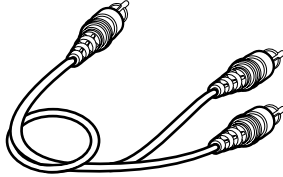
Components	Cables Needed	Connection Title	Go to...
 DVD	<ul style="list-style-type: none">• DC power cord	DVD	page 10
 TV  DVD	<ul style="list-style-type: none">• DC power cord• Audio/video• S-Video (optional)/ S-Video adapter	TV + DVD	page 11
 TV  DVD  Receiver	<ul style="list-style-type: none">• DC power cord• Audio/video• S-Video (optional)/ S-Video adapter	TV + DVD + Dolby Digital	page 12

Cables Needed to Connect Your DVD Player

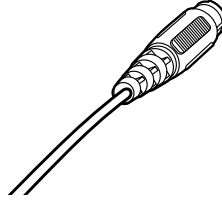
The pictures below show the cables needed for the connections represented in this book.



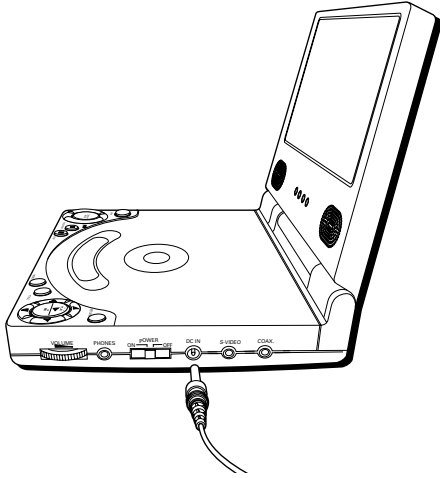
DC Power cable



Mini-audio/video cable



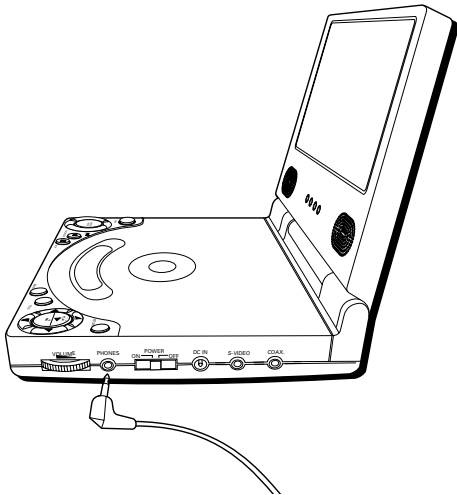
S-Video cable



Connect the Power Cord to the DVD Player

1. Make sure that the AV adapter matches the local voltage.
2. Plug the AV adapter into the DC IN jack on the side of the player.
3. Plug the other end into an AC outlet.

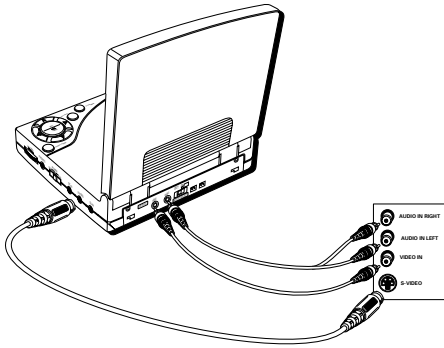
GO TO PAGE 13



Connect Headphones to the DVD

1. Make sure power is turned off when inserting or removing headphones from the player.
2. Insert headphones into the PHONES jack on the side of the player.

GO TO PAGE 13



Connect to a TV

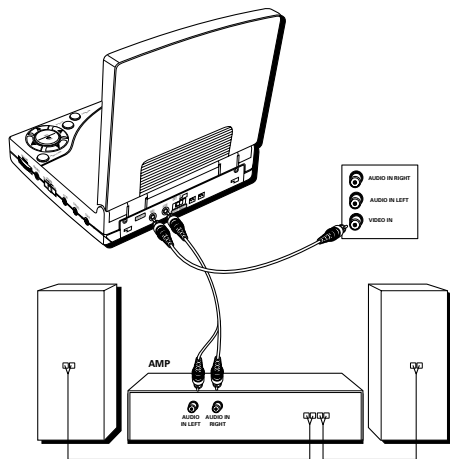
1. Connect end of the audio cable with the single plug to the AUDIO OUT jack on the back of your DVD Player, and the end with two plugs to the corresponding Audio Input jacks (L = white, R = red) on your TV.
 2. Connect the video cable.
- **Basic video connection** – Connect the video cable (yellow) to the VIDEO OUT jack on the back of your DVD Player, and to the Video Input jack on your TV.

OR

- **S-Video** (optional) – If your TV has an S-Video Input jack, connect the S-Video adapter (included) to the S-VIDEO OUT jack on the back of your DVD Player. Connect one end of an S-Video cable to the adapter and the other end to the S-Video jack on your TV. If your TV doesn't have S-Video, use the basic video connection listed above.

Note: Your cable or off-air connection to the television should not be affected by this connection. Connect your cable or off-air antenna to your television as you normally would. You may need to consult your television manual for details.

GO TO PAGE 13



Connect to a TV and Amplifier

1. Connect the left (white) and right (red) plugs on the audio cable to your audio/video receiver and the other end of the cable to the AUDIO OUT jack on the back of your DVD Player.

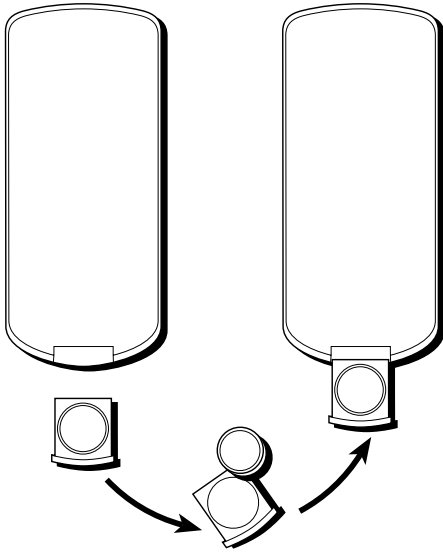
2. Connect the video cable.

- **Basic video connection** – Connect the video cable (yellow) to the VIDEO OUT jack on the back of your DVD Player, and to the Video Input jack on your TV.

OR

- **S-Video** (optional) – If your TV has an S-Video Input jack, connect the S-Video adapter (included) to the S-VIDEO OUT jack on the back of your DVD Player. Connect one end of an S-Video cable to the adapter and the other end to the S-Video jack on your TV. If your TV doesn't have S-Video, use the basic video connection listed above.

GO TO PAGE 13



Install the Battery in the Remote

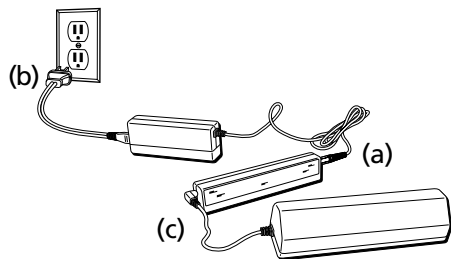
1. Remove the battery compartment cover on the back of the remote.
2. Insert new battery. Match the polarities (+ and -) on the battery with the diagram on the remote.
3. Put the battery compartment cover back on the remote.

Important Battery Information

- If you're not going to use the remote for a month or more, be sure to remove the battery because they can leak and cause damage.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all batteries are not replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

Point the Remote in the Right Direction

When you want the remote to operate the DVD Player, point the remote at the DVD Player, *not* the TV. The remote has to be pointed in the correct direction and toward the correct component in order for the remote's signal to communicate with the sensor on the component. Make sure there is a clear path between the remote and the component you want to operate so the signal isn't blocked.

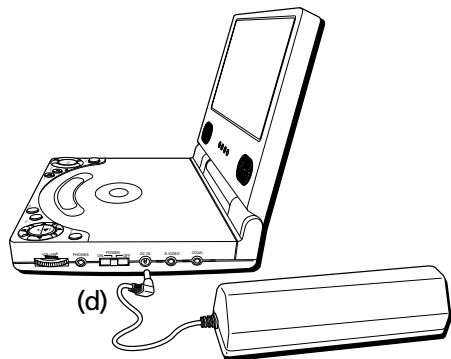


Using the Battery Unit

Charging the Battery

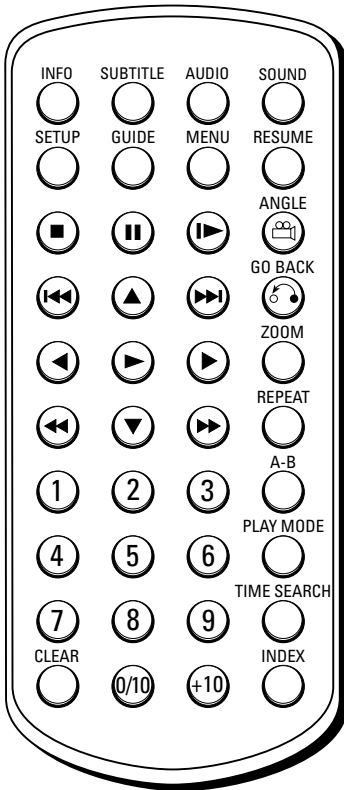
Use the battery charger and adapter (included) to charge the battery unit in order to use the DVD player without the power cord.

1. Insert the AC adapter into the jack on the battery charger (a).
2. Plug the adapter into an AC outlet (b)
3. Connect the charger to the battery unit (c).
4. The indicator light on the charger will come on while the charger is working. When the battery is charged, the light will go off.
5. Unplug the adapter and the charger.



Using the Battery

1. Make sure the battery unit is disconnected from the charger and the DVD player's lid is closed.
2. Mount the battery to the rear of the player using the tabs on the back:
 - a. Line up the mounting tabs on the battery with the rear of the player.
 - b. Insert the tabs on the battery into the corresponding slots on the rear of the player.
 - c. Once the tabs are inserted, slide the battery toward the battery plug until it clicks into place (you will hear a click).
 - d. Connect the battery cable to the DC IN jack on the player (d).



DVD Buttons

(Buttons Listed in Alphabetical Order)

◀◀ (skip -) Allows you to search backward through a disc while it is in play mode. Advances backward one chapter at a time.

▶▶ (skip +) Allows you to search forward through a disc while it is in play mode. Advances forward one chapter at a time.

A-B Allows you to repeat a portion of the disc from a designated point (A) to another designated point (B).

ANGLE Press this button to access various camera angles on a disc (if the disc contains multiple camera angles).

◀▶▲▼ (arrow buttons) Use the arrow buttons (left, right, up, and down) to move through the on-screen menus. You highlight a menu item by pressing the arrow buttons and select a highlighted item by pressing the OK (▶) button.

AUDIO Allows you to select a different language to play a DVD disc in (provided the disc was authored with multiple languages).

CLEAR Clears on-screen displays from screen.

▶▶ (forward) Press this button during playback to fast forward through the disc.

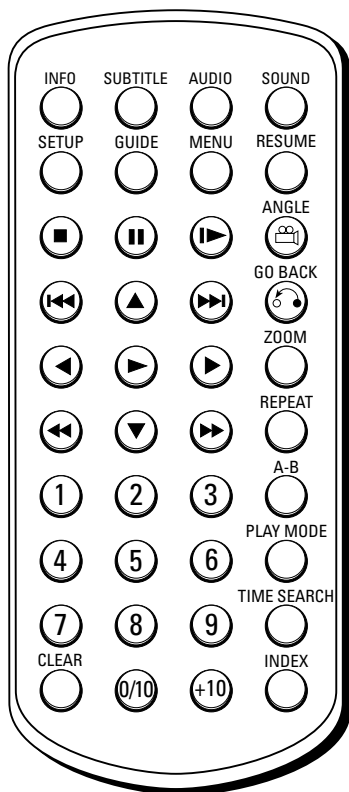
GO BACK Returns you to the previous menu.

GUIDE Brings up the DVD guide.

INDEX Displays a pictorial index of chapters or tracks.

INFO Brings up the Info Display.

Chapter 1



Number buttons (0-9) Use the number buttons to input information such as chapter numbers, track numbers, or to make selections on some menu screens.

Number buttons (0/10 and +10) The 0/10 button is used to enter a zero or 10. When you need to enter a 2-digit number, press 0/10 to enter the number 10. The +10 button is used to enter 2-digit numbers larger than 10. For example, for the number 11, press +10 and 1. For the number 12, press +10 and 2, etc. Each consecutive press of the button increases by ten. So, if you press the +10 button 3 times, the number displayed is 30. For the number 34, you would press the +10 button three times and the 4 once.

MENU Brings up the DVD player menu.

PLAY MODE Press this button to access the Play Mode info banner to set random and program playback.

► **(play/OK)** Begins disc play and selects menu items.

⏸ **(pause)** Press this button to pause disc play. For DVD discs, press again to play forward a frame at a time. For audio CDs, the second press resumes playback.

REPEAT Press this button to bring up the Repeat info banner. You can repeat part or all of a chapter, track, or an entire disc.

RESUME Continues playback from point where playback was stopped.

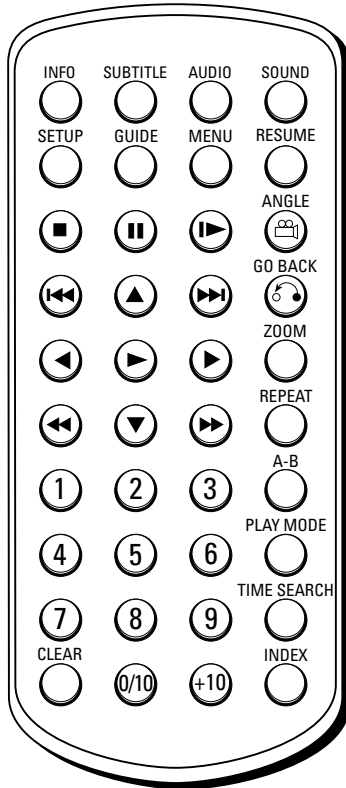
◀◀ **(reverse)** Press this button during playback to fast reverse through the disc.

SETUP Accesses the DVD player's menu system.

⏪ **(slow forward)** Advances picture slowly.

SOUND Switches between Stereo and Mono.

■ **(Stop)** Stops disc play.



SUBTITLE When a disc is playing, press this button to show the Subtitle banner (if the disc was created with subtitles).

TIME SEARCH Allows you to select a title or chapter and begin playback from that point

ZOOM Zooms in on picture.

Adjusting the Color and Brightness of the Screen

You can adjust the color and brightness of the picture by using the buttons directly below the screen.

- Color – Push the Color button with the up arrow to add more color to the picture. Push the Color button with the down arrow to reduce color in the picture.
- Brightness – Push the Brightness button with the up arrow to brighten the picture. Push the Brightness button with the down arrow to darken the picture.

Playing DVDs

Chapter Overview:

- Regional Coding
- Using Different Menus
- Loading and Playing a Disc
- Using a Disc Menu
- Disc Playback Features

Changing Entertainment. Again.



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. If the codes don't match, the disc won't play. This player's code is region 1.

Using Different Menus

Each disc is programmed with different features. There are three separate menu paths 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 varies according to how the disc was authored and what features are included. The Disc menu is turned on and off (while the disc is playing) with the MENU button on the remote.
- **The DVD player's Info Display** – The Info Display appears as icons across the top of the screen when a disc is playing. It can only be accessed while you are playing a disc. It's turned on and off with the INFO button on the remote.
- **The DVD player menu** – The DVD player's menu system is accessed only when a disc isn't playing. It appears automatically when the STOP button is pressed.

Remember that a feature will only work if the disc was programmed with that feature. For example, if you choose subtitles on the Info Display, the subtitles will only appear if the disc was created with subtitles. If a menu item is “grayed out” it means that item isn't available.

Loading and Playing Discs

Your DVD player plays DVD discs, Video CD discs, Audio CD discs and CD-R discs (MP3 files). Before you load a disc, make sure that it is compatible with the player. The following discs CANNOT be used with this player:

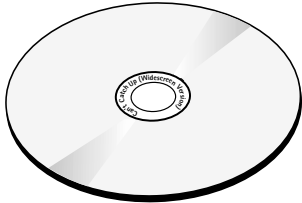
- Laserdiscs
- CD-I, CD-ROM (computer-only discs), DVD-ROM
- Discs recorded using other broadcast standards (i.e. PAL or SECAM)

To Load and Play a Disc

Open the DVD player by pushing the OPEN switch to the left and lifting gently. Turn on your DVD Player (move the POWER switch on the side of the player to the ON position).



This is an example of a one-sided disc.



This is an example of a 2-sided disc. The title is in the center.

1. Press the OPEN button on the left side of the disc tray. The disc tray opens.
2. 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 either side up).
3. Press gently on the left side of the tray door labeled PUSH until it clicks shut.
4. Press the PLAY button on the right side of the disc tray. 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 on the screen. One of the options will start disc play. Highlight that option and press ► (OK) on the DVD remote.
 - The DVD Player's main menu appears on the screen. Highlight the *Play* option and press ► (OK) on the DVD remote.

When you stop playing a disc, the DVD player remembers where you stopped. When you start playing the disc again, the player picks up where you left off unless the disc is removed, the player is unplugged, or you pressed the STOP button twice.

Adjusting the Color and Brightness

You can adjust the color and brightness of the picture by using the buttons directly below the screen.

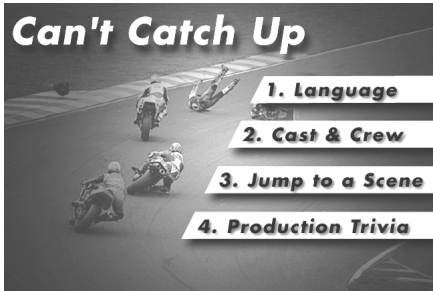
- **Color** – Push the Color button with the up arrow to add more color to the picture. Push the Color button with the down arrow to reduce color in the picture.
- **Brightness** – Push the Brightness button with the up arrow to brighten the picture. Push the Brightness button with the down arrow to darken the picture.

Chapter 2

Using a Disc Menu

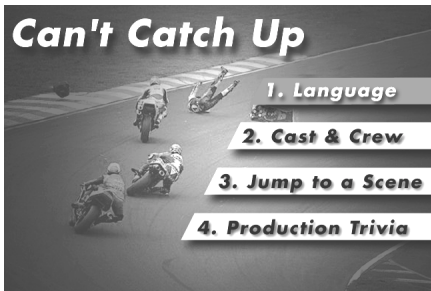
A disc is capable of having an on-screen menu that is separate from the DVD player's menu system and on-screen Info Display. The disc menu might only contain a list of the titles and chapters, or it may allow you to change features such as language and playback settings.

Although the content and operation of disc menus vary from disc to disc, the following example will give you an idea of what to expect.



An example of a disc menu. The menus on discs vary because the disc menu is created by the disc's author.

1. While the disc is playing, press the MENU button on the remote. The disc menu appears.



2. Press the up/down arrow buttons to highlight the section of the disc menu you want to choose, and press OK on the remote. In the example on the left, *Language* has been selected.

In this example, The *Language* setting is highlighted. To select this option, press OK on the remote.



In the example on the left, English is highlighted. Press OK on the remote to play the disc with English dialog.

3. Press the up/down arrows to select a language, and press OK on the remote.
4. Press MENU on the remote to resume playback.

Note: Any settings you change on the disc menu only override the default settings in the DVD Player's menu temporarily. Default settings are the settings that you set up in the DVD Player's menu system. To change the default settings, see Chapter 5.

DVD Playback Features

Fast Motion Playback (Picture Scan)

You can search in forward or reverse mode.

1. Press the ◀◀ (reverse) or ▶▶ (forward) button on the remote during playback to search through a disc.
2. Press the button again on the remote to search at the next speed. Picture Scan has 4 speeds. With each consecutive press of the button, the search speed increases. If you press the button more than 5 times, Picture Scan cycles back to normal playback.
3. Press ▶ (PLAY/OK) on the remote to resume normal playback.



In the above example, the picture advances 2 frames at a time.

Freeze Frame and Frame Advance

1. Press || once to freeze playback.
2. Press of the || button again to advance the picture one frame at a time.
3. Press PLAY/OK to resume normal playback.

Chapter 2

Slow Motion Playback

1. Press **⏮** (slow) on the remote for forward slow motion playback.
2. Press the button again to decrease the speed. With each consecutive press of the SLOW button, the playback speed decreases. For example, The first press of the **⏮** (slow) button plays back at 1/2 speed, the second press plays back at 1/4 speed, etc.
3. To resume normal playback, press **▶** (play/OK) or keep pressing the SLOW button until normal playback is resumed.

Skipping Chapters

Use the **⏮⏮** button to go to the next chapter and the **⏭⏭** button to go to the previous chapter.

Play Mode

Random

The Random option plays a disc's chapters in random order. If there is more than one title, the title with the most chapters is selected. If there is more than one title and all titles have an equal amount of chapters, the first title is selected. If each title has only one chapter each, the titles/chapters will be played in random order.

1. Press STOP to stop playback.
2. Press PLAY MODE on the remote control (the Play Mode info banner appears).
3. Press the PLAY MODE button until the *Random* option is displayed.
4. Press **▶** (PLAY/OK).

To stop Random playback, press STOP twice and **▶** (play/OK) to resume normal playback.



In the example above, the first chapter in the program will be the fifth chapter.

Program

The Program playback option allows you to enter the order in which you want chapters to play.

1. Press ■ (STOP) to stop playback.
2. Press PLAY MODE on the remote control (the Play Mode info banner appears).
3. Press the PLAY MODE button until the *Program* option is displayed.
4. Use the number buttons to enter the chapters/tracks in the order you want them to play.
5. Press ► (PLAY/OK). The chapters will play in the programmed order.

To stop Program playback, press STOP twice and ► (PLAY/OK) to resume normal playback.

Selecting a Title Number

1. While the disc is playing, press the TIME SEARCH button on the remote control to bring up the Info Display.
2. Use the left/right arrow keys to highlight the *Title* number. Use the number buttons to enter the title you want to play.



In the example above, the Chapter number is highlighted. Use the number buttons on the remote to enter the desired chapter number.

Selecting a Chapter Number

1. Press the TIME SEARCH button on the remote control to bring up the Info Display.
2. Use the left/right arrow keys to highlight the *Chapter* number. Use the number buttons to enter the chapter you want to play.
3. Press ► (PLAY/OK) to go to that chapter.

Note: These features won't work with a DVD without title and chapter

Chapter 2

numbers.

Using Time Search to Enter an Elapsed Time

You can use the TIME SEARCH feature to go to a specific point in a Title.

1. Press the TIME SEARCH button twice (The time prompt appears in place of the Chapter information).
2. Use the number buttons to enter the elapsed time you want to go to in that title. For example, entering 01:35:12 will start playback one hour, thirty-five minutes and twelve seconds into the title.

Note: Use the 10/0 button to enter zeros. For example, to enter 01:21:36, press the 10/0 button, then the 1, then the 2, etc.



The Index feature displays thumbnails of each chapter in the current title.

The Index Feature

The index feature displays small pictures or “thumbnails” of each chapter on the disc.

1. Press ■ (STOP) twice.
2. Press the INDEX button (the index may take a moment to load).
3. The screen displays thumbnails of the first nine chapters. Each thumbnail has a number in the corner. You can select and play a chapter by pressing that number on the remote.
4. To view the next nine thumbnails, press the ►► button to go forward and the ◀◀ button to go to the previous page.
5. To exit the index without making a selection, press ■ (STOP).



When the SUBTITLES button is pressed, the Info Display shows the number of available subtitles and the currently selected subtitle.

Subtitles

When a DVD is recorded with subtitles, you can use the Subtitle feature to view the subtitles on-screen. To turn subtitles on:

1. Press the SUBTITLE button on the remote. The Info Banner displays the default subtitle language and the number of subtitle languages available. If no subtitles are available, the screen displays NO SUBTITLE.
2. Press the SUBTITLE button again to turn subtitles on. The subtitles will be displayed in the default language. To display subtitles in a different language, press the SUBTITLE button to scroll through the available subtitles.
3. To turn subtitles off, press the SUBTITLE button until subtitles are off.

Note: If the disc does not contain this language, the disc's default language is automatically selected.

Changing the Audio Language


When a DVD is recorded with multiple soundtracks, you can use the Audio feature to temporarily change the audio language (the language of the soundtrack).

1. During disc playback, press AUDIO on the remote (the audio language banner appears).
2. Keep pressing the AUDIO button to scroll through available languages.

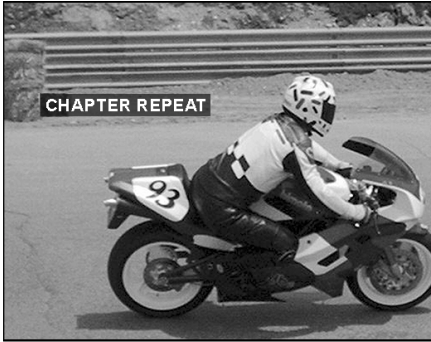
Note: When you play a disc the player's default audio language is selected. If the disc does not contain this language, the disc's default language is automatically selected. This feature is disc-dependent, and may not work with all DVDs.

Changing the Camera Angle

Some DVDs contain multiple angles of a particular scene or sequence.

1. During disc playback, press ANGLE on the remote. (The angle icon appears. If no additional camera angles are available, the  symbol will be displayed.) If multiple camera angles are available, the ANGLE icon displays the current angle number and the number of angles available. For example, 1/4 indicates that angle one is being displayed, and there are four different angles available.
2. Press the ANGLE button again to go to the next camera angle.
3. To resume normal playback, press CLEAR.

Note: This feature does not work when a DVD has not been recorded with a multi-camera angle system.



Press the REPEAT button to select Title or Chapter Repeat.

Using the Repeat Feature

There are four repeat options:

- Off
- Chapter – repeats the chapter that is playing
- Title – repeats the title that is playing
- A-B Repeat – repeats a selected segment of the disc

To Repeat a Chapter or Title:

The REPEAT button toggles between chapter repeat, title repeat and off.

1. While a disc is playing, press REPEAT (the repeat banner appears).
2. Press REPEAT again to turn on chapter repeat. The current chapter will repeat until you turn REPEAT off or select title repeat.
3. To repeat a title, push the REPEAT button again.
4. To turn repeat off, press the REPEAT button until REPEAT OFF is displayed.

A-B Repeat

A-B Repeat lets you repeat a specific segment on the DVD that you define.

1. At the start of the segment you want to repeat, Press the A-B button on the remote. The Info Display shows “OFF.” Press the A-B button again to mark the start (A) point of the segment (the on-screen display will show “REPEAT A”).
2. Allow the movie to play to the end of the segment you want to mark. You must let the movie play in standard playback mode to set the B point in A-B Repeat. If you rewind or fast-forward, A-B Repeat is cancelled.
3. Press A-B again to set the B point (the on-screen display will show “REPEAT AB”).
4. The segment that you set plays until you turn off Repeat. To turn A-B repeat off, press A-B to resume normal playback (the on-screen display will show “OFF”).



Use A-B Repeat to set a specified segment to repeat.

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Playing Audio CDs and MP3 discs

Chapter Overview

- Loading and Playing an Audio CD
- Audio CD Playback Features
- Playing MP3 discs



Changing Entertainment. Again.





Insert with the label facing up.

Loading and Playing an Audio CD

Before you load a disc, make sure that it is compatible with the player. Note that the following discs CANNOT be used with this player:

- Laserdisc
- CD-I, CD-ROM, DVD-ROM
- MiniDisc
- CD-G discs play audio only, not graphics

To Load and Play an Audio CD

1. Press the OPEN button to the left of the disc tray.
2. Place a disc gently into the tray with the disc's label facing up.
3. Gently press down on the left-front side of the tray door to close the tray.

The DVD player reads the disc's table of contents and displays the total number of tracks and the total playing time.

4. Press ► (play/OK) to begin playback.
5. Press ■ (STOP) to stop playback.

Audio CD Playback Features

When playing audio CDs, your DVD player has many of the same features that your CD player has, including track skip, repeat play, and programmed playback.

Skipping Tracks

The Info Display shows the current track and the elapsed playing time of that track. Use the ►► button to go to the next track and the ◀◀ button to go to the previous track.



Use the Time Search feature to go to an elapsed time in a track.

Time Search

You can use the TIME SEARCH feature to go to a specific point in a track.

1. Press the TIME SEARCH button. A prompt appears beneath the Track number in the Info Display.
2. Use the number buttons to enter the elapsed time you want to go to in that track. For example, entering 01:36 will start playback one minute and thirty-six seconds into the track.

Note: Use the 0/10 button to enter zeros. For example, to enter 01:36, press the 0/10 button, then the 1, then the 3, then the 6.

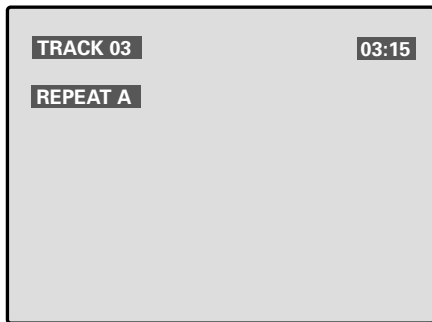
Using the Repeat Feature

There are three repeat options:

- Disc – repeats the entire disc
- Track – repeats the track that is playing
- A-B Repeat – repeats a selected segment of the disc

To Repeat a Track or Disc:

1. While a disc is playing, press REPEAT (the repeat banner appears and displays *Repeat one*).
2. The current track will repeat until you turn REPEAT off or select REPEAT ALL to repeat the entire disc.
3. To repeat the entire disc, press REPEAT again (The repeat banner displays *Repeat All*).
4. To turn repeat off, press the REPEAT button until “REPEAT OFF” is displayed.



Use the A-B Repeat feature to repeat a segment you have set.

A-B Repeat

A-B Repeat lets you repeat a specific segment on the disc that you define.

1. At the start of the segment you want to repeat, press the A-B button on the remote. The Info Display shows “REPEAT A.”
2. Allow the disc to play to the end of the segment you want to mark. You must let the disc play in standard playback mode to set the B point in A-B Repeat.
3. Press the A-B button again to set the B point. The A-B Repeat that you set plays until you turn off Repeat. To turn off A-B repeat, press the A-B button again until the on-screen display shows “REPEAT OFF.”

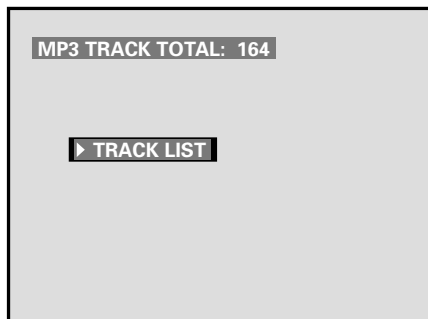
Playing MP3 discs

When you play a MP3 disc, the MP3 menu will be displayed instead of the DVD player menu. The DVD player menu is not available when playing MP-3 discs.

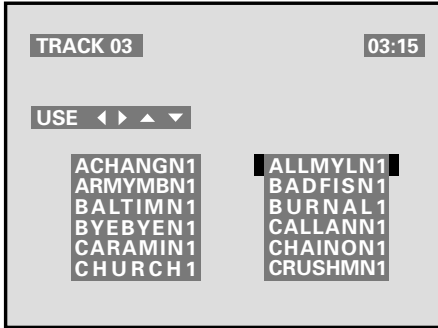
1. Press the OPEN button on the front of the DVD player.
2. Place a disc gently into the tray with the disc's label facing up.
3. Press down on the left front side of the tray door to close the disc tray.

The number of tracks on the disc is displayed at the top of the screen. The *Track List* option is highlighted.

4. Press ► (play/OK). Track 1 begins playing.
5. Press ■ (STOP) to stop playback.



When you first load an MP3 disc, press PLAY to bring up the track list.



In the example above, track 2 is highlighted. Track 3 is the second track in column 1 (ARMYMBN1).

Selecting Tracks

Once you load an MP3 disc, press ► (PLAY/OK) to bring up the list of tracks available on that disc. The track list is displayed in two columns.

- Use the arrow buttons on the remote to select different tracks. As you highlight a track in the track list, that track will begin playing.

Skipping Tracks

- To skip forward to the beginning of the next song on a MP3 disc, press ►| on the remote or the front of the player.
- To skip backward to the beginning of the song that is playing on a MP3 disc, press ◀| on the remote or the front of the player. Press the button again to go to the beginning of the preceding song.

When skipping tracks, the highlight moves from left to right across the columns, so track 1 is the first track listed in column one, track 2 is the first track listed in column 2, track 3 is the second song in column 1, etc.

To stop Random playback, press STOP and RESUME to resume normal playback or press PLAY MODE until the *Continue* option is displayed.

Program

The Program playback option allows you to enter the order in which you want tracks to play.

1. Press STOP to stop playback.
2. Press PLAY MODE on the remote control (the Play Mode info banner appears).
3. Press the PLAY MODE button until the Program option is displayed.
4. Use the number buttons to enter the first track you want to play. As soon as you enter a number, The Info display shows the order number followed by a colon and the track number.
5. Enter the remaining tracks in the order you want them to play.
6. Press PLAY.

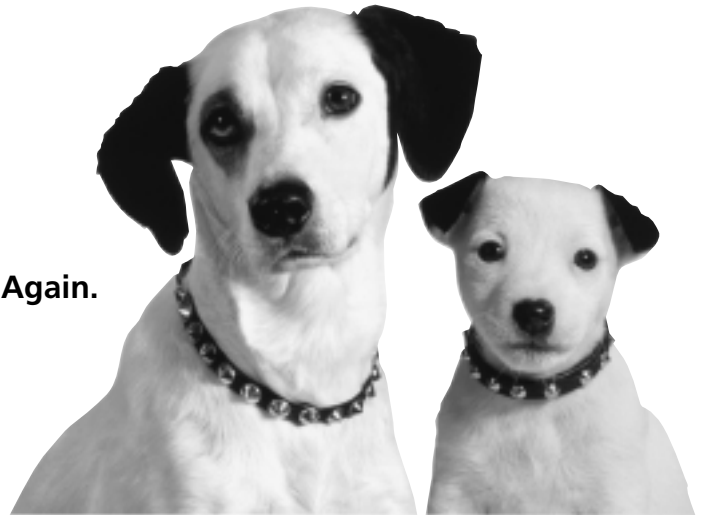
To stop Program playback, press STOP and RESUME to resume normal playback, or press PLAY MODE until the *Continue* option is displayed.

Playing VCDs

Chapter Overview:

- What is a Video CD?
- The Video CD Disc Menu
- If a Video CD has Playback Control

Changing Entertainment. Again.



What is a Video CD?

Like DVD discs, Video CDs contain picture and sound content. Video CDs (VCDs) are encoded in a different format. VCDs don't hold as much information as DVD discs and the picture quality is not as high.

VCDs can have more than one title. Each title is divided into tracks (similar to chapters on a DVD disc).

The Video CD Disc Menu

A Video CD disc is capable of having an on-screen menu that is separate from the DVD player's menu system and on-screen information banners. If the disc has a menu, the menu will appear after the disc is loaded into the player.

The content and operation of disc menus varies from disc to disc. Check the instructions that accompany the Video CD for more information on how to use the playback control functions for that specific disc.

If a disc menu appears:

1. Use the number buttons on the remote to select a track (similar to a title).
2. Press ► (play/OK) on the remote to begin playback of the selected track.
3. Press ►► or ◀◀ on the remote to scroll through the tracks.
4. Press ■ (STOP) on the remote to stop playback and return to the disc menu.

To bring up the disc menu during disc play, press the MENU button on the remote.

If the Video CD Has Playback Control

If a disc is encoded with the playback control function, a menu screen appears after the disc is loaded into the player.

1. Use the number buttons on the remote to select a track.
2. Press ► (play/OK) to begin playback of the selected track.
3. Press ►► or ◀◀ on the remote to scroll through the tracks.
4. Press GO BACK to stop playback and return to the menu or press ■ (STOP) to stop playback and remove the menu from the screen.

Bypassing Playback Control

If a Video CD has playback control, you can bypass the disc's menu by following these steps when you first load the discs.

1. Press ■ (STOP) to put the player in the stop mode.
2. Use the number buttons on the remote to enter the desired track number, and then press ► (play/OK). When playback begins, the disc will respond as if it is not in the Playback Control mode.

Resuming Playback Control

To resume the Playback Control mode, press MENU (the disc's menu appears).

Using the Time Search Feature

You can use the Time Search feature to begin playback from any point on the disc (in the currently playing title) by entering the elapsed time. For example, if you have a favorite scene that begins 12:34 minutes into the movie, you can go directly to that point in the title.

1. Press the TIME SEARCH button on the remote (the time search prompt will be displayed).
2. Enter the elapsed time where you want to begin playback. As soon as you enter the last number, playback will begin from the time that you specified.

Note: This feature does not work in Playback Control mode.

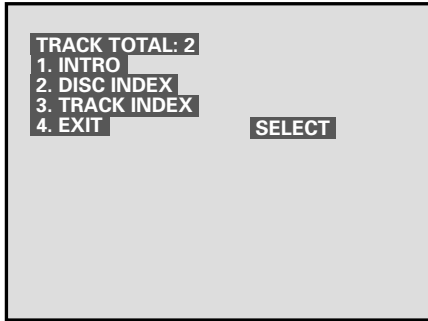


Use A-B Repeat to repeat a segment for a track that you've set.

A•B Repeat

A-B Repeat lets you repeat a specific segment on the DVD that you define. The segment will repeat until you turn it off.

1. At the start of the segment you want to repeat, Press the A-B button on the remote. The Info Display shows “REPEAT A.”
2. Allow the movie to play to the end of the segment you want to mark. You must let the movie play in standard playback mode to set the B point in A-B Repeat. If you rewind or fast-forward, A-B Repeat is cancelled.
3. Press A-B again to set the B point.
4. The segment that you set plays until you turn A-B Repeat off. To turn A-B repeat off, press A-B to resume normal playback.



This is the Index menu. Press a number button to select the corresponding option.

The Index Feature

The index feature displays small pictures or “thumbnails” of each title and track on the disc.

1. Press ■ (STOP) twice.
2. Press the INDEX button (the index may take a moment to load).
3. The Index menu is displayed. The options are numbered. Use the number buttons on the remote to select an option.
 - **Intro** plays the first few seconds of the title.
 - **Disc Index** shows thumbnails of the titles available on the disc.
 - **Track Index** shows thumbnails of the tracks of the currently selected title.
 - **Exit** exits the Index.
4. If you select Disc Index or Track Index, the screen displays thumbnails of the available titles or chapters. Up to nine thumbnails are displayed per screen. Each thumbnail has a number in the corner. You can select and play a chapter by pressing that number on the remote.
5. To view the next nine thumbnails, press the ►► button to go forward and the ◀◀ button to go to the previous page.
6. To exit the index without making a selection, press ■ (STOP).



Tracks are displayed nine to a page. Press the number button displayed in the corner of a thumbnail to select that track.

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Using the DVD Menu System

Chapter Overview

- The Setup Menu
- The Display menu
- The Sound Menu
- Password Setup
- The Preferences Menu

Changing Entertainment. Again.



SETUP MENU

DISPLAY

SOUND

PASSWORD

PREFERENCES

► EXIT SETUP

PRESS OK TO SELECT

The Setup Menu

The Setup Menu is the DVD Player's main menu. It contains features and options that let you customize your DVD player.

DISPLAY MENU

IMAGE

STANDARD

ANGLE

LANGUAGE

DIGITAL OUT

SUBTITLE

► MAIN MENU

GO BACK TO MAIN MENU

The Display Menu

The Display Menu controls how the picture and other information appear on the screen.

Image

Depending on the type of television you have, you may want to adjust the screen setting (aspect ratio). The default setting is 4x3 (pan & scan).



4x3 PS (Pan & Scan)



4x3 Letterbox



16x9 Widescreen

1. With no disc playing, press **SETUP** (the main menu appears).
2. Use the arrow buttons to highlight the *Display* option. Press **►** (play/OK) to select (the **DISPLAY** menu is displayed).
3. Use the up/down arrow buttons to highlight the *Image* option. The image display options appear on the right.
4. Press the right arrow button to move to the *Image* options. Use the up/down arrow buttons to highlight the desired image display. When an option is highlighted, the option description appears at the bottom of the screen.
5. Press **►** (play/OK) to select the option.
6. Press the left arrow button to return to the Display menu options on the left. To return to the main menu, highlight the *Main Menu* option and press **►** (play/OK).

4 x 3 P&S – Choose this setting 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.

Most discs produced in a widescreen format can't be cropped in this fashion. This means the black bars will appear at the top and the bottom of the screen.

4 x 3 LB – Choose this setting 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 will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.

16 x 9 Wide – Choose this setting 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 may appear distorted due to vertical compression.

If you play a disc recorded in 4 x 3 format on a widescreen TV, the left and right side of the screen will appear black.

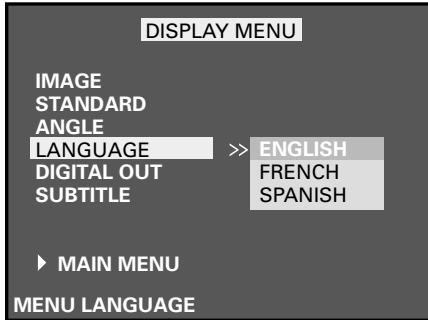
Standard

This feature can be used to select a different color system according to the type of TV being used. The TV type is preset for you and should not be changed.

Angle

The Angle icon is displayed when there is more than one camera angle available for the scene that is playing. If you don't want the Angle icon displayed on-screen, you may turn it off.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the arrow buttons to highlight the *Display* option. Press ► (play/OK) to select (The Display menu is displayed).
3. Use the up/down arrow buttons to highlight the *Angle* option. The angle choices appear on the right.
4. Press the right arrow button to move to the angle choices. Use the up/down arrow buttons to highlight the desired choice.
5. Press ► (play/OK) to select the choice.
6. Press the left arrow button to return to the Display menu options on the left. To return to the main menu, highlight the *Main Menu* option and press ► (play/OK). To exit the menu system completely, press SETUP.

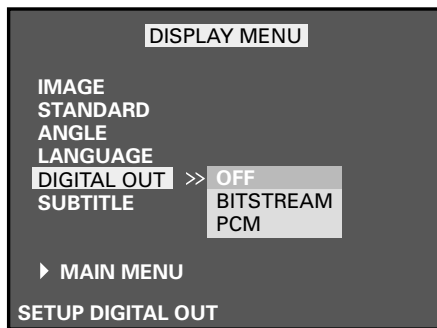


The Display Menu with the Language option highlighted.

Menu Language

Use this feature to change the language for the player's on-screen menu system. The default is English.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the arrow buttons to highlight the *Display* option. Press ► (play/OK) to select (The Display menu appears).
3. Use the up/down arrow buttons to highlight the *Language* option. The language choices appear on the right.
4. Press the right arrow button to move to the language choices. Use the up/down arrow buttons to highlight the desired language.
5. Press ► (play/OK) to select the language. The menu will immediately change to the selected language.
6. Press the left arrow button to return to the Display menu options on the left. To return to the main menu, highlight the *Main Menu* option and press ► (play/OK). To exit the menu system completely, press SETUP.



The Display Menu with the Digital Output option selected.

Selecting Digital Output Type

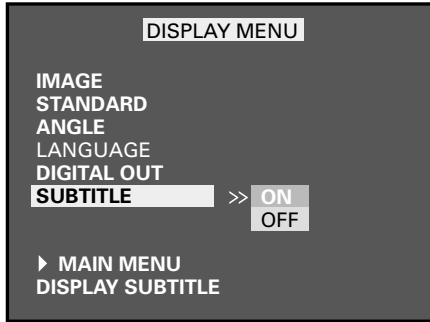
If you have a receiver with a digital signal input, use this feature to select your player's type of digital output.

OFF No signal is output from the optical or coaxial port.

BITSTREAM Select this option when the DVD player is connected with a power amplifier through optical or coaxial port. The power amplifier connected must have Dolby Digital, DTS and MPEG decoding.

PCM Select this option when the DVD player is connected with a 2-channel digital or stereo amplifier.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the arrow buttons to highlight the *Display* option. Press ► (play/OK) to select (The Display menu is displayed).
3. Use the up/down arrow buttons to highlight the *Digital Out* option. The digital output choices appear on the right.
4. Press the right arrow button to move to the digital output choices. Use the up/down arrow buttons to highlight the desired choice. When an option is highlighted, the option description appears at the bottom of the screen.
5. Press ► (play/OK) to select the choice.
6. Press the left arrow button to return to the Display menu options on the left. To return to the main menu, highlight the *Main Menu* option and press ► (play/OK). To exit the menu system completely, press SETUP.



The Display Menu with the Subtitle Output option selected.

Subtitles

Subtitles can be turned on or off.

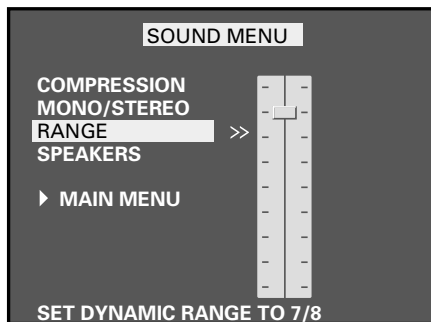
1. With no disc playing, press SETUP (the main menu appears).
2. Use the arrow buttons to highlight the *Display* option. Press ► (play/OK) to select (The DISPLAY menu is displayed).
3. Use the up/down arrow buttons to highlight the *Subtitle* option. The subtitle choices (on or off) appear on the right.
4. Press the right arrow button to move to the subtitle choices. Use the up/down arrow buttons to highlight the desired choice. When an choice is highlighted, it's description appears at the bottom of the screen.
5. Press ► (play/OK) to select the choice.
6. Press the left arrow button to return to the Display menu options on the left. To return to the main menu, highlight the *Main Menu* option and press ► (play/OK). To exit the menu system completely, press SETUP.

Note: If the disc is playing, you can use the SUBTITLE button on the remote to toggle subtitles on or off.

The Sound Menu

Compression

This feature compresses the dynamic range (quietest sound to loudest sound) of a disc's soundtrack. For example, action scenes might be very loud, while whispered dialog is quiet. The Compression feature evens out the range of the volume by making loud sounds quieter and soft sounds louder. The Compression option is always on. You can adjust the compression with the Range option (see below).



Use the up/down arrow keys to set the Dynamic Range.

Range

You can adjust the compression range with the *Range* option.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the arrow buttons to highlight the *Sound* option and press ► (play/OK) to select it (the *Sound* menu is displayed).
3. Highlight the *Range* option and press ► (play/OK) to select it.
4. A slider bar appears. Press the right arrow button to move to the slider bar. Use the up/down arrow buttons to adjust the range.
5. When the range is adjusted, press the left arrow button to return to the Sound menu options. To return to the main menu, highlight the *Main Menu* option and press ► (play/OK). To exit the menu system completely, press SETUP.

Mono/Stereo

This option allows you to set the output mode of the left and right audio signals.

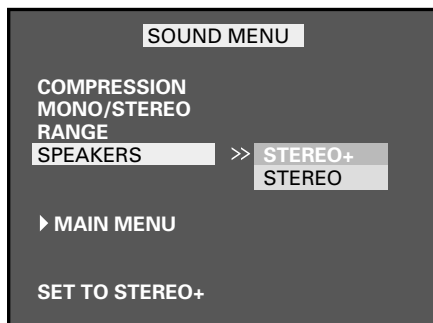
1. With no disc playing, press SETUP (the main menu appears).
2. Use the arrow buttons to highlight the *Sound* option. Press ► (play/OK) to select (The *Sound* menu is displayed).
3. Use the up/down arrow buttons to highlight the *Mono/Stereo* option. The mono/stereo choices appear on the right.
4. Press the right arrow button to move to the mono/stereo choices. Use the up/down arrow buttons to highlight the desired choice. When a choice is highlighted, its description appears at the bottom of the screen.
5. Press ► (play/OK) to select the choice.
6. Press the left arrow button to return to the Display menu options on the left. To return to the main menu, highlight the *Main Menu* option and press ► (play/OK). To exit the menu system completely, press SETUP.

Note: The Mixed Mono setting only works when the disc being played is 5.1-channel.

Speakers

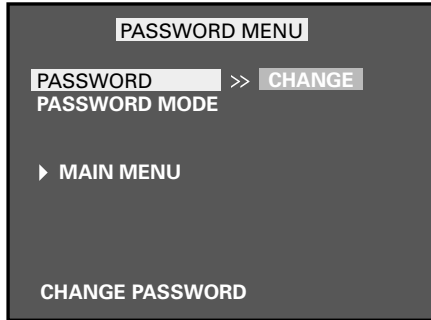
The Front Speaker feature has two options:

- **STEREO+** If you have a Dolby Pro Logic receiver hooked up, select this option so the receiver can decode the signals and reproduce a surround sound effect.
- **STEREO** Select this option if you have a stereo receiver hooked up.



The Sound Menu with the Speakers option selected.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the arrow buttons to highlight the *Sound* option. Press ► (play/OK) to select (The Sound menu is displayed).
3. Use the up/down arrow buttons to highlight the *Speaker* option. The speaker choices appear on the right.
4. Press the right arrow button to move to the speaker choices. Use the up/down arrow buttons to highlight the desired choice. When an choice is highlighted, it's description appears at the bottom of the screen.
5. Press ► (play/OK) to select the choice.
6. Press the left arrow button to return to the Display menu options on the left. To return to the main menu, highlight the *Main Menu* option and press ► (play/OK). To exit the menu system completely, press SETUP.



Setting a Password gives you control over what type of content your family watches.

Password Setup

Creating a Password

You can use a password to control what types of movies your family watches.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the down arrow to highlight *Password* (the *Password* menu appears).
3. Highlight the *Password* option.
4. Press the right arrow to highlight the *Change* option and press PLAY/OK to select it (the Change Password screen appears).
5. You will be prompted for the old password. The first time you use the password feature, you will need to enter the default password, which is 99999.
6. You will be prompted for a new password. Enter a 5-digit number (this is your password).
7. To confirm the new password, re-enter it.
 - If you've re-entered the new password incorrectly, the message *New password not confirmed* appears at the bottom of the screen. Re-enter the new password.
8. Press ► (play/OK) to return to the Password menu. To exit the menu system completely, press SETUP.



The CHANGE PASSWORD Screen.

Changing the Password Mode

The Password feature can be turned on or off. In order for parental rating to work, password must be turned on.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the down arrow to highlight *Password* (the Password menu appears).
3. Highlight the *Password Mode* option.
4. Use the right arrow to move to the on/off options. Use the up/down arrows to highlight the desired option.
5. Press ► (play/OK) to select the option.
6. Enter your password.
7. Press ► (play/OK) to return to the Password menu. To exit the menu system completely, press SETUP.

Note: If Password Mode is turned on and you play a disc which is higher than the parental rating you've set, you must enter your password to play that disc.

The Preferences Menu

Selecting the Audio Preference

Use the Audio menu to select the soundtrack language that you prefer. If the disc you are playing has that language available, it will play in that language. If your preferred audio language isn't available, the disc's default language will be played.

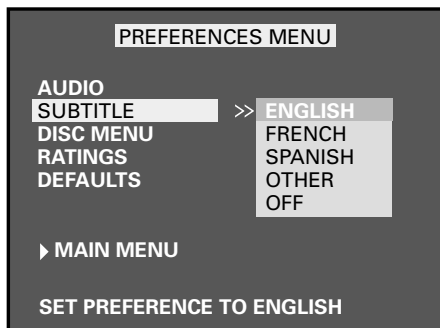
1. With no disc playing, press SETUP (the main menu appears).
2. Use the down arrow to highlight *Preferences* (the *Preferences* menu appears).
3. Highlight the *Audio* option. A list of languages appears on the right.
4. Use the right arrow to move to the language choices. Use the up/down arrows to highlight the desired choice.
5. Press ► (play/OK) to select the option.
 - If you select the *Other* option, a screen will appear that requires you to enter a code for the language you want. Refer to the Other Language List on page 59 for the appropriate code. Type in the appropriate code and press ► (play/OK).

*Note: The **Other** language option may not work if the disc you are playing was not authored with that language.*
6. Press the left arrow to return to the *Preferences* options. To exit the menu system completely, press SETUP.

Notes:

Not all discs provide multiple languages for the soundtrack.

Some discs may not contain the language you selected as your initial language; in that case the disc will use its own default language setting.



The Preferences Menu with the Subtitle option selected.

Selecting the Subtitle Language

Use the Subtitle Language menu to select the subtitle language you prefer. If the disc you are playing has that language available, it will display subtitles in that language. If your preferred subtitle language isn't available, the disc's default language will be displayed.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the down arrow to highlight *Preferences* (the *Preferences* menu appears).
3. Highlight the *Subtitle* option. A list of languages appears on the right.
4. Use the right arrow to move to the language choices. Use the up/down arrows to highlight the desired choice.
5. Press ► (play/OK) to select the choice.
 - If you select the *Other* option, a screen will appear that requires you to enter a code for the language you want. Refer to the Other Language List on page 59 for the appropriate code. Type in the appropriate code and press ► (play/OK).

*Note: The **Other** language option may not work if the disc you are playing was not authored with that language.*

6. Press the left arrow to return to the *Preferences* options. To exit the menu system completely, press SETUP.

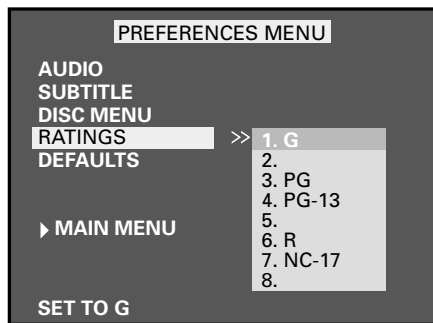
Note: Not all discs provide multiple languages for the subtitles.

Changing the Disc Menu Language

Use the *Disc Menu* option to select the language you want a DVD's disc menu to be displayed in (not the same as the player menu).

1. With no disc playing, press SETUP (the main menu appears).
2. Use the down arrow to highlight *Preferences* (the *Preferences* menu appears).
3. Highlight the *Disc Menu* option. A list of languages appears on the right.
4. Use the right arrow to move to the language choices. Use the up/down arrows to highlight the desired choice.
5. Press ► (play/OK) to select the choice.
 - If you select the *Other* option, a screen will appear that requires you to enter a code for the language you want. Refer to the Other Language List on page 59 for the appropriate code. Type in the appropriate code and press ► (play/OK).

*Note: The **Other** language option may not work if the disc you are playing was not authored with that language.*
6. Press the left arrow to return to the *Preferences* options. To exit the menu system completely, press SETUP.



The Preferences Menu with the Ratings option selected.

Setting the Rating Limit

The Parental feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.

This option lets you determine how your player will react to discs that contain movies that are rated (in the U.S.A., the Motion Pictures Association of America rates movies as G, PG, PG-13, etc.).

You decide which ratings require a password and which ones don't. This system ranks the ratings 1 through 8 in order to accommodate different countries' ratings systems (1 is considered a movie title with the least offensive material).

In order for the Rating level feature to work, the disc must be encoded with rating information and the Password Mode must be turned on.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the down arrow to highlight *Preferences* (the *Preferences* menu appears).
3. Highlight the *Ratings* option. The ratings list appears on the right.
4. Use the right arrow to move to the rating options. Use the up/down arrows to highlight the desired rating.
5. Press ► (play/OK) to select the option.
6. Press the left arrow to return to the *Preferences* options.

Defaults

Use the Default feature to reset ALL options to the factory defaults.

1. With no disc playing, press SETUP (the main menu appears).
2. Use the down arrow to highlight *Preferences* (the *Preferences* menu appears).
3. Highlight the *Defaults* option.
4. Use the right arrow to move to the *Reset* option.
5. Press ► (play/OK) to select the option.
6. Press the left arrow to return to the *Preferences* options. To return to the main menu, highlight the main menu option and press ► (play/OK).

Language Code List

Language	Code	Language	Code	Language	Code	Language	Code
Abkhazian	6566	French	7082	Lithuanian	7684	Sindhi	8368
Afar	6565	Frisian	7089	Macedonian	7775	Singhalese	8373
Afrikaans	6570	Galician	7176	Malagsy	7771	Siswati	8383
Albanian	8381	Georgian	7565	Malay	7783	Slovak	8375
Ameharic	6577	German	6869	Malayalam	7776	Slovenian	8376
Arabic	6582	Greek	6976	Maltese	7784	Somali	8379
Armenian	7289	Greenlandic	7576	Maori	7773	Spanish	6983
Assamese	6583	Guarani	7178	Marathi	7782	Sundanese	8385
Aymara	6588	Gujarati	7185	Moldavian	7779	Swahili	8387
Azerbaijani	6590	Hausa	7265	Mongolian	7778	Swedish	8386
Bashkir	6665	Hebrew	7387	Naru	7865	Tagalog	8476
Basque	6985	Hindi	7273	Nepali	7869	Tajik	8471
Bengali; Bangla	6678	Hungarian	7285	Norwegian	7879	Tamil	8465
Bhutani	6890	Icelandic	7383	Occitan	7967	Tatar	8484
Bihari	6672	Indonesian	7378	Oriya	7982	Telugu	8469
Bislama	6673	Interlingua	7365	Oromo (Afan)	7977	Thai	8472
Breton	6682	Interlingue	7369	Panjabi	8065	Tibetan	6679
Bulgarian	6671	Inupiak	7375	Pashto, Pushto	8083	Tigrinya	8473
Burmese	7789	Irish	7165	Persian	7065	Tonga	8479
Byelorussian	6669	Italian	7384	Polish	8076	Tsonga	8483
Cambodian	7577	Japanese	7465	Portuguese	8084	Turkish	8482
Catalan	6765	Javanese	7487	Quechua	8185	Turkmen	8475
Chinese	9072	Kannada	7578	Rhaero-Romance	8277	Twi	8487
Corsican	6779	Kashmiri	7583	Romanian	8279	Ukrainian	8575
Croatian	7282	Kazakh	7575	Russian	8285	Urdu	8582
Czech	6783	Kinyarwanda	8287	Samoan	8377	Uzbek	8590
Danish	6865	Kirghiz	7589	Sangho	8371	Vietnamese	8673
Dutch	7876	Kirundi	8278	Sanskrit	8365	Volapük	8679
English	6978	Korean	7579	Scots Gaelic	7168	Welsh	6789
Esperanto	6979	Kurdish	7585	Serbian	8382	Wolof	8779
Estonian	6984	Laothian	7679	Servo-Croatian	8372	Xhosa	8872
Faroese	7079	Latin	7665	Sesotho	8384	Yiddish	7473
Fiji	7074	Latvian, Lettish	7686	Setswana	8478	Yoruba	8979
Finnish	7073	Lingala	7678	Shona	8378	Zulu	9085

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Other Information

Chapter Overview:

- Troubleshooting
- Care and Maintenance
- Limited Warranty

Changing Entertainment. Again.



Troubleshooting

If you are experiencing product operation problems, please review the troubleshooting section before you call for service. Refer to the Limited Warranty for information on how to obtain repair service.

Player won't work

- Reset the DVD Player by unplugging the AC power cord and plugging it back in.

No Power

- Plug in the DVD Player. Make sure both ends of the AC power cord are securely plugged into the player and into an AC outlet.

Disc won't play

- Insert a disc with the label side facing up.
- Check the type of disc you put into the player. This player only plays DVD video discs, Video CDs and audio CDs.
- If the disc is a DTS music CD, it requires a DTS decoder.
- Both the player and the disc are coded by region. If the regional codes don't match, the disc can't be played. This player is Region No. 1.

Play starts, but then stops immediately

- The disc is dirty. Clean it.
- Condensation has formed. Allow player to dry out.

No picture

- Turn your TV to its Video Input Channel (see chapter 1).
- Turn on the TV.
- Make sure your player is connected properly. Make sure all cables are securely inserted into the appropriate jacks.

No sound or distorted sound

- Make sure your player is connected properly. Make sure all cables are securely inserted into the appropriate jacks.
- You may need to readjust the *Digital Output* setting from the *Sound* menu (see chapter 5).
- Turn your TV to its Video Input Channel (see chapter 1).
- Sound is muted during still, frame advance, or slow-motion play.

- If you connected an audio or audio/video receiver to your DVD Player, make sure you chose the correct input setting on the receiver.

Remote control won't work

- Insert new batteries in the remote.
- Operate the remote control at a distance of no more than 20 feet.
- Remove any obstacles between the remote and the DVD Player or other component. If your DVD Player is in an entertainment cabinet, the glass doors may be obstructing the remote control from operating the unit. Open the doors.

Can't advance through a movie

- You can't advance through the opening credits and warning information that appear at the beginning of movies because the disc is programmed to prohibit that action.

The icon appears on screen

- The feature or action cannot be completed at this time because:
 1. The disc's software restricts it.
 2. The disc's software doesn't support that feature (e.g., angles).
 3. The feature is not available at the moment.
 4. You've requested a title or chapter number that is out of range.

The picture is distorted

- You may need to adjust the image setting. Check to see that the setting in the disc menu and the setting in the player *Display* menu (use the *Image* setting) are compatible.
- Did you connect your VCR to the DVD Player? Disconnect it. See chapter 1 for the correct setup and connection.
- The disc might be damaged. Try another disc.

Picture is distorted during forward and reverse scan

- It is normal for some distortion to appear while scanning.

A screen saver appears on the TV

- Your player is equipped with a screen saver that appears on the TV after your player has been idle for several minutes. Press STOP or GO BACK on the remote to make the screen saver disappear from the screen and return to the player's main menu.

Subtitle and/or audio language is not the one selected from the initial setting

- If the subtitle and/or audio language does not exist on the disc, the initial settings will not be seen/heard. The disc's priority language is selected instead. Set the subtitle and/or audio language manually through the Info Display or the player menu.

The menu is displayed in a foreign language

- The Menu Language preference is set to that language. From the DVD player's main menu, select the *Display option* (in Spanish, shown as *Pantalla*; in French, as *Affichage*). From the Languages menu, select the *Language* option (in Spanish, shown as *Idioma*; in French, as *Langue*). Highlight the language you prefer and press OK.

Play doesn't begin

- The rating of the title on the disc exceeds the rating limit set in the *Ratings Limits* when you press PLAY. Unlock the player or change the rating limit in those menus.

No forward or reverse scan

- Some discs have sections that prohibit rapid scanning, or title and chapter skip.
- If you're trying to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.

Camera angle cannot be changed

- Some discs don't have the multi-camera angle system, and some discs only have it in certain parts of the movie.

Picture is too tall and thin

- Change the aspect ratio using the *Image* setting in the Display menu (see chapter 5).

Picture is too short and wide

- Change the aspect ratio using the *Image* setting in the Display menu (see chapter 5).

Cannot copy discs to video tape

- You can't record DVD discs onto videocassettes because the discs are encoded with anti-copy protection.

Care and Maintenance

Handling Cautions

- Before connecting other components to this player, be sure to turn all components off.
- Don't put any container filled with liquid or any small metal objects on the player.
- 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 with the ON•OFF button, 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.

Maintenance of Case

For safety reasons, when cleaning the case be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the case 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 very 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.

RCA DIGITAL VIDEO DISC (DVD) LIMITED WARRANTY

What your warranty covers:

- Any defect in materials or workmanship.

For how long after your purchase:

- 90 days - Unit exchange, which includes parts and labor.
- 91 days to 1 year - 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:

Exchange the DVD unit with a new or, at our option, refurbished unit.

After the 90 days and within one year:

Exchange the DVD unit with a new or, at our option, refurbished unit. We will bill you a flat exchange charge to replace a defective unit. This charge covers the labor cost for its repair.

How you get service:

- Call 1-800-311-9263 and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your unit.
- A representative will troubleshoot your problem over the phone.
- If the representative determines that you should receive a replacement unit you will be provided with a Service Request (SR) number and the location of a nearby exchange point if one exists. No returns will be accepted without the SR number.

To receive a replacement unit before you return yours:

Option I:

1. Provide your Discover, MasterCard or Visa account number and expiration date to your phone representative. This is for security purposes only and your account will not be charged at this time.
2. We will send you a replacement unit.
3. If you return the unit to us within 14 days from the date you were provided a SR number, only items not covered by warranty will be charged to your account. If your unit is not received within 14 days, the suggested retail value of the unit will be charged to your credit card. This amount will be credited, less a \$10 handling fee, if the unit is subsequently received.

Chapter 6

4. Ship your defective unit back to us using the replacement unit's carton. Shipping instructions will be included on the carton along with your SR number which will allow you to easily ship the unit back to us. Make sure you insure your shipment in case of damage or loss. Include with the shipment:
 - Evidence of purchase date such as a bill of sale.
 - A brief note describing your unit's problem.
 - Your name, address and phone number.

Option II:

1. For a fee of \$10.00, we will send a replacement unit to our exchange point.
2. The exchange location will notify you of its arrival.
3. Take your unit and evidence of purchase date, such as a bill of sale, to the exchange location and you will be provided the new or refurbished unit. Please retain all accessories such as the remote control hand unit.
4. If the repairs are covered by your warranty, you will not be billed.

Thomson assumes no responsibility for warranty shipments from the customer to the factory if not shipped in the manner prescribed by Thomson.

Return transportation, storage, handling and insurance costs are your responsibility. We accept no responsibility in case of damage or loss.

To receive a replacement unit after we have received your unit:

- Write the SR number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all accessories that were included with your unit such as the remote control hand unit.
- Include with the shipment:
 1. Evidence of purchase date, such as a bill of sale, to verify your unit's warranty eligibility.
 2. A brief note describing your unit's problem.
 3. Your name, address and phone number.
- The representative will advise the address to mail a cashier's check or money order for payment if there are any out of warranty labor or parts charges, and you elect not to use your credit card.
- After we receive your product, a new or refurbished unit will be shipped to you.

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.
- Storage fees may be charged by the exchange point if you fail to pickup the replacement unit in a timely manner.

Product Registration:

- Please complete and mail the Product Registration Card packed with your DVD product. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

How state law relates to warranty:

- This warranty gives you specific legal rights and you 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.

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Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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