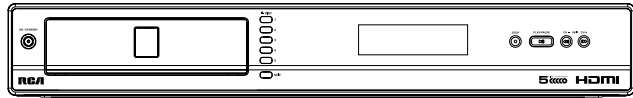


RCR manual de usuario / manual de usuario

DRC290



EN/E Important to read this instruction prior to using your new product for the first time. Es importante leer este manual antes de usar por vez primera su equipo.

Compatible discs

This DVD Player is capable of playing the following types of discs: DVDs, Audio CDs, 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 cannot 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.



DVD regional code

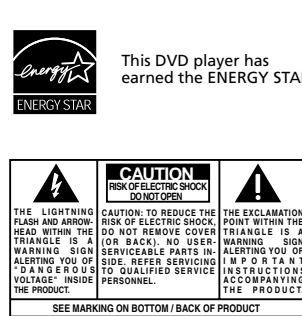
Your DVD player has been designed to process regional DVD discs. The regional code for your player is 1 (The U.S., U.S. Territories and Canada). Only DVD discs that have regional codes of 1 or ALL (for all regions) can be played by your player.

DVD copy protection This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology is authorized by Macrovision Corporation, and is intended for home and other limited consumer uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

FCC information This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

For your records In the event that service should be required, you may need both the model number and the serial number. In the space below, record the date and place of purchase, and the serial number.



WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK, DO NOT OPEN THE FRONT COVER TO CLEAN OR MOISTURE.

PLEASE READ AND SAVE THIS FOR FUTURE REFERENCE IMPORTANT SAFETY INSTRUCTIONS

Some of the following information may not apply to your particular product; however, as with any electronic product, precautions should be observed during handling and use.

- 1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.

- 6. Clean only with dry cloth.
7. Do not block any ventilation openings.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus.
9. Do not defeat the safety purpose of the polarized or grounding-type plug.
10. Protect the power cord from being walked on or pinched.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer servicing to qualified service personnel.

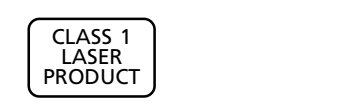
- 15. ADDITIONAL SAFETY INFORMATION
16. If your product operates on batteries, adhere to the following warnings:
A. Any battery may leak electrolyte if inserted incorrectly.
B. Any battery may leak electrolyte or explode if disposed of in fire.
C. Discard leaky batteries immediately.

Important information

This appliance is designed for continuous use. Switching off the DVD Player by standby mode does not disconnect it from the mains supply. To completely isolate the equipment, remove the plug from the mains socket as some components remain connected to the electrical supply.

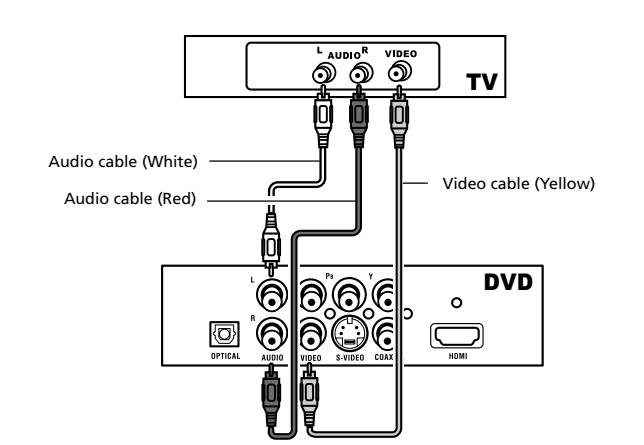
CAUTIONS THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Any battery shall not be exposed to excessive heat such as sunshine, fire or the like.



Connections

DVD + TV To use your new DVD player, you must connect the unit to the TV with the supplied Audio/Video cables (color coded red, white and yellow).



- Whenever you are connecting your system cables, turn off the power and make certain that the power cord has been removed from the wall outlet.
• If your television set only has one audio socket connect it to the DVD player's left socket (white).
• If your TV does not have Audio and Video Input Jacks and only has an RF Jack, you need to connect an RF modulator (not provided).

Connections

Other connection options There are several ways in which you can incorporate your unit into an audio/video system. This depends on the speakers and other appliances you have. Sound and image quality depend to a large extent on the types of connections used.

- 1. **HDMI (High-Definition Multimedia Interface) (video and audio outputs)** The HDMI jack provides optimum picture quality. This jack gives you the best compressed digital signal that carries both video and audio data by way of an integrated multi-light cable.
2. **Component video and audio** Make sure you set the HDMI Setup option in the menu system to the component video setting that most closely matches your TV.



(Coaxial and optical cables not supplied)

Connections

3. Component video outputs (Y, Pb, Pr) (YUV) The Y, Pb, Pr sockets deliver an audio/video signal that is processed by the separation of the video signal into separate color components. To obtain the best image quality possible, use very high quality cables to connect the Y, Pb, Pr and blue used for these types of sockets and cables.

- If you use the Component sockets Y, Pb, Pr (also called YUV), you must connect the left and right audio cables to these sockets deliver either an interlaced YUV signal (refer to the Video Setup menu). Do not forget to also connect the audio cables, because Component cables only transmit images, and not sound.
• When connecting the optical audio cable, remove the protection cap from the connector and connect it to the optical audio port and always retract the cap when the connector is not in use, to keep it dust-free.



(YUV cables not supplied)

General controls

Remote control

Diagram of the remote control with various buttons labeled: ZOOM, ANGLE, REPEAT, ON-OFF, PAUSE, SKIP, STOP, DISC MENU, TITLE MENU, AUDIO, MUTE, BOOKMARK, CLEAR, etc.

Basic playback

Loading discs

- 1. Turn on the TV and tune to its video input channel, if necessary.
2. After a disc is loaded (refer to the above section), Playback starts automatically. If a disc menu appears, one of its options can be selected to start playing the disc. Highlight it with the arrow keys and press OK.
3. Press STOP to stop the playback. The unit remembers the point where the disc was stopped. If you press PLAY, playback resumes from this point. To stop playback completely or to start again from the beginning, press STOP twice. If the unit is left in the stop mode for more than five minutes without any user interaction, the screen saver will activate.

Play and load simultaneously

- 1. Press DISC 1/2/3/4/5 to open a disc tray while a disc is playing in another disc tray.
2. Load a change disc.
3. Press DISC 1/2/3/4/5 again to close the disc tray.

Basic playback
1. Turn on the TV and tune to its video input channel, if necessary.
2. After a disc is loaded (refer to the above section), Playback starts automatically. If a disc menu appears, one of its options can be selected to start playing the disc. Highlight it with the arrow keys and press OK.
3. Press STOP to stop the playback. The unit remembers the point where the disc was stopped. If you press PLAY, playback resumes from this point. To stop playback completely or to start again from the beginning, press STOP twice. If the unit is left in the stop mode for more than five minutes without any user interaction, the screen saver will activate.

Advanced playback

Accelerated play

During playback, press REVERSE or FORWARD one or more times to vary the speed and direction of the playback. Press PLAY to resume the normal playback.

Pause

During playback, press PAUSE once to freeze frame. Press PLAY to resume the normal playback.

Frame advance

- 1. During playback, press PAUSE twice.
2. Press FORWARD to move forward one frame at a time.
3. Press REVERSE to resume the normal playback.

Slow motion

- 1. During playback, press PAUSE once. PAUSE is displayed.
2. Press REVERSE (except VCD) or FORWARD a number of times to vary the speed.
3. Press PLAY to resume the normal playback.

Changing chapter/track

During playback, press SKIP (right) to go immediately to the previous or next chapter, or to the previous or next track.

Advanced playback

Repeat playback

During playback, press REPEAT repeatedly to select a repeat playback mode:
• For VODs: Off, Chapter repeat, Title repeat
• For CDs: All tracks repeat, Track repeat

A-B repeat playback

- 1. Repeat a segment between two points (A and B), press AB at the beginning of the segment you want to repeat during playback.
2. Allow the disc to play to the end of the segment or press FORWARD to advance to the end point (B).
3. Press AB at the end of the segment. The segment plays repeatedly.
4. Press AB once more to resume the normal playback.

Random playback (audio CD, mp3/wma disc)

- 1. Press RANDOM after loading a disc. The random playback will start until all the tracks on the current disc have been randomly played.
2. Press RANDOM to cancel the random mode.

Important information

Technical specifications
Product: DVD Player
Brand: RCA
Model: DRC290
Power Supply: 120V-60Hz
Power consumption: 15 Watts

Service information
This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

Any battery shall not be exposed to excessive heat such as sunshine, fire or the like.



Important information

Ventilation
You must adequately ventilate the product. Make sure there is adequate space around the unit to provide proper air flow for ventilation. See diagram.

The ventilation should not be impeded by collecting on the pick-up lens, dust, items, such as newspapers, tablecloths, curtains, etc.

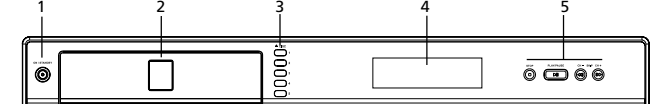
Do not use your system immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction.

Disc rotate at high speed inside the player. Do not use damaged, warped, or cracked discs.

Do not touch the pick-up lens which is located inside the disc compartment. To keep dust from collecting on the pick-up lens, do not leave the compartment door open for an extended period of time. If the lens becomes dirty, clean it with a soft brush, or use an air blower brush designed for camera lenses.

General controls

Main unit



- 1. ONSTANDBY To turn the unit on or off (standby mode)
2. Disc compartment door
3. DISC 1/2/3/4/5 To open or close the corresponding disc tray
4. The display
5. STOP To stop the playback
PLAY/PAUSE To start or pause the playback
CH- SKIP CH+ To go to the previous or next title, chapter or track on a disc

Display

Disc tray status shows on the top left of the display. Disc icon lights when corresponding disc tray is loaded, and flashes for the current disc icon.



(S-Video cable not supplied)

Remote control

Insert two AA batteries, matching the polarity inside the battery compartment.

- Do not mix different types of batteries or new and old batteries.
• Do not use rechargeable batteries.
• Dispose of batteries in the proper manner, according to federal, state, and local regulations.

Advanced playback

Information display

The current status or setting on the information display can be changed while reviewing:

Title, chapter, track, time display. Press DISC 1/2/3/4/5 to highlight the desired item. Enter with the numeric input buttons the desired title, chapter, track or time value and then press OK to go directly to the selected title, chapter, track or time.

Audio language, subtitles, camera angle, play mode: Press + to highlight the desired item on the information display and then press + to select the desired setting.

Bookmark: Press + to highlight bookmark on the information display and then press OK to access the bookmark menu. Refer to the bookmark setting in the user manual for details.

CD information display: Press + to highlight sleep timer on the information display and then press OK to select the time before the unit turns off automatically.

VCD information display: Press + to highlight sleep timer on the information display and then press OK to select the time before the unit turns off automatically.

DVD information display

audio language subtitles camera angle

play mode bookmark sleep timer

CD information display: play mode bookmark sleep timer

VCD information display: play mode bookmark sleep timer

HDMI

HDMI output

If your TV or display device has a HDMI input, you may use the HDMI interface output for the best quality picture. The HDMI connection transfers both the video and digital streams as digital data to your TV.

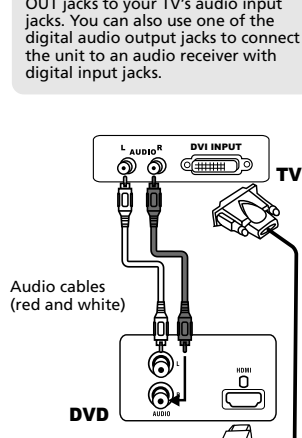
Make sure you set the HDMI setup option in the player menu to best match your TV. See "HDMI Setup" and "HDMI Audio" under "General Setup Menu" for details.

Press HDMI to select the output method that matches your TV.

Connecting TV with DVI input

Please get an HDMI to DVI cable (not supplied) to connect your unit to a TV or monitor with a DVI input jack.

Since DVI connections do not carry audio, you will need to connect the unit's AUDIO output jacks to your TV's audio input jacks. You can also use one of the digital audio output jacks to connect the unit to an audio receiver with digital input jacks.



HDMI to DVI cable (not supplied)

mp3, wma & jpeg files

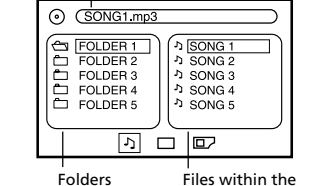
mp3/wma is an audio file format which compresses recorded music. The main advantage of the mp3/WMA format is that CD-quality music tracks can be stored on a personal computer in user friendly compressed files.

jpeg files are image files. Make sure you have a resolution of less than 2 megapixels.

Playback

Before inserting a disc, check that it is compatible with the unit.

- 1. Power on the unit. The disc will be listed in numerical order on the left side of the screen. When you highlight a folder, the list of songs or pictures in the folder are listed in numerical order on the right side of the screen. Press + to select a folder and then OK to see the folder's content.



- 2. Press + to select a file and then OK to start the playback.
• mp3/wma file: the unit begins playing the selected file, then all the files and subfolders contained in the same folder. The unit then plays the contents of the folders at the same level as the folder containing the file selected at the start.
• The time taken for the contents of the disc to be displayed varies according to the size and number of jpeg files on the disc. If nothing is displayed after a few minutes, the file sizes may be too large. Reduce the files' resolution and write another disc.

Repeat playback

While the disc is playing, press REPEAT repeatedly to select a repeat playback mode:

- Repeat One, Repeat Directory, Repeat All, Repeat Off.

Repeat playback: Press REPEAT repeatedly to select a repeat playback mode:
• For VODs: Off, Chapter repeat, Title repeat
• For CDs: All tracks repeat, Track repeat

A-B repeat playback: Repeat a segment between two points (A and B), press AB at the beginning of the segment you want to repeat during playback.

Random playback (audio CD, mp3/wma disc): Press RANDOM after loading a disc. The random playback will start until all the tracks on the current disc have been randomly played.

Slow motion: During playback, press PAUSE once. PAUSE is displayed. Press REVERSE (except VCD) or FORWARD a number of times to vary the speed. Press PLAY to resume the normal playback.

Changing chapter/track: During playback, press SKIP (right) to go immediately to the previous or next chapter, or to the previous or next track.

Accelerated play: During playback, press REVERSE or FORWARD one or more times to vary the speed and direction of the playback. Press PLAY to resume the normal playback.

Pause: During playback, press PAUSE once to freeze frame. Press PLAY to resume the normal playback.

Frame advance: During playback, press PAUSE twice. Press FORWARD to move forward one frame at a time. Press REVERSE to resume the normal playback.

Slow motion: During playback, press PAUSE once. PAUSE is displayed. Press REVERSE (except VCD) or FORWARD a number of times to vary the speed. Press PLAY to resume the normal playback.

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Accelerated play: During playback, press REVERSE or FORWARD one or more times to vary the speed and direction of the playback. Press PLAY to resume the normal playback.

Pause: During playback, press PAUSE once to freeze frame. Press PLAY to resume the normal playback.

Frame advance: During playback, press PAUSE twice. Press FORWARD to move forward one frame at a time. Press REVERSE to resume the normal playback.

DivX files

Your player is an Official DivX Certified™ product that plays DivX video content, including DivX/VOD video content, in compliance with DivX Certified™ technical requirements.

In order to display proper subtitles in some Eastern European languages, Polish or Default (for Western European languages).

During DivX file playback, press TITLE MENU repeatedly to choose a subtitle. The parameters used when downloading CD-R may be another reason for this. Since it is not possible here to supply all the information, parameters and advice relating to the use of DivX VOD files, we recommend that you visit specialist websites such as www.divx.com/vod.

To rent (purchase) DivX/VOD files: DivX VOD files are downloaded after paying a rental from certain commercial websites. Prior to downloading a VOD you need to input the registration number of your DVD player on the purchase form on the site.

Go to the DivX[V] video menu under the General Setup menu to check the menu. Write down this VOD 8-character registration number so that you can fill in the form when you purchase your DivX VOD files from.

Repeat playback: While the disc is playing, press REPEAT repeatedly to select a repeat playback mode:
• Repeat One, Repeat Directory, Repeat All, Repeat Off.

A-B repeat playback: Repeat a segment between two points (A and B), press AB at the beginning of the segment you want to repeat during playback.

Random playback (audio CD, mp3/wma disc): Press RANDOM after loading a disc. The random playback will start until all the tracks on the current disc have been randomly played.

Slow motion: During playback, press PAUSE once. PAUSE is displayed. Press REVERSE (except VCD) or FORWARD a number of times to vary the speed. Press PLAY to resume the normal playback.

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Pause: During playback, press PAUSE once to freeze frame. Press PLAY to resume the normal playback.

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Changing chapter/track: During playback, press SKIP (right) to go immediately to the previous or next chapter, or to the previous or next track.

Player menus

DivX[V] VOD Write down the registration number so that you can fill in the form on the website where you purchase your DivX VOD files from. Refer to the section "To rent (purchase) DivX/VOD files" in the user manual.

Default To return the unit's settings to the original factory settings.

Language setup menu To change the language of the player menu, choose the language by pressing + and then OK.

Audio To change the dialog language, choose the language by pressing + and then OK.

Subtitles To change the subtitle language, choose the language by pressing + and then OK.

Disc menu To change the language of the disc menu, choose the language by pressing + and then OK.

Discs are created differently. The DVD player cannot override some language software was created to play the movie (title) in a