RTD325W

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

FCC Information

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

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

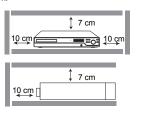
WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



This Home Theater has earned the ENERGY STAR.

Ventilation

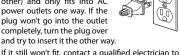
This device complies with part 15 of the FCC Rules. Operation is subject to the following two You must adequately ventilate the product. Make conditions: (1) This device may not cause harmful sure there is adequate space around the unit interference, and (2) this device must accept any to provide proper air flow for ventilation. See interference received, including interference that diagram.



This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of

For your safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug won't go into the outlet completely, turn the plug over and try to insert it the other way



change the outlet, or use a different one. Do not attempt to bypass this safety feature. Removing the power plug is the only way to completely remove power from your product. Make sure the power plug remains easily accessible.

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

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

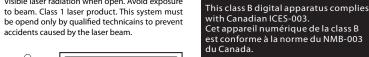
CautionThis product utilizes a laser. Use of controls or Please respect the environment and prevailing regulations. Before you adjustments or performance of procedures other dispose of batteries or accumulators, than those specified may result in hazardous ask your dealer whether they are radiation exposure. Do not open covers and do subject to special recycling and if they will accept them for disposal. not repair yourself. Refer servicing to qualified

THE LIGHTNING FLASH AND ARROWHEAD WITHIN

THE EXCLAMATION POINT WITHIN THE TRIANGLE

IS A WARNING SIGN ALERTING YOU OF IMPORTANT

INSTRUCTIONS ACCOMPANYING THE PRODUCT.



WARNING

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USERSER-

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN

CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE

WARNING: MAINS PLUG IS USED AS DISCONNECT DEVICE AND IT SHOULD REMAIN READILY OPERABLE

DURING INTENDED USE. IN ORDER TO DISCONNECT THE APPARATUS FROM MAINS COMPLETELY, THE

MAINS PLUG SHOULD BE DISCONNECTED FROM THE MAINS SOCKET OUTLET COMPLETELY.

VICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

To reduce the risk of fire or electric shock nazard, do not expose this product to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that o objects filled with liquids, such as vases should be placed on the apparatus.

Important Information

Service information

THE TRIANGLE IS A WARNING SIGN ALERTING YOU This product should be serviced only by those OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT. specially trained in appropriate servicing

Important battery information

- Do not mix different types of batteries or new and old batteries. Do not use rechargeable
 - In order to avoid any risk of explosion, observe the polarities indicated inside the battery compartment. Replace only with the type of batteries specified. Do not dispose of them in a fire or recharge them.
 - If you are not using the remote control for a long period of time, remove the batteries.

DVD copy protection In accordance with the DVD standard, your DVD

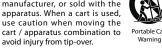
player is equipped with a Copy Protection system which can be switched on and off by the DVD disc itself, in order to make any recording of the relevant DVD disc onto a videotape of very poor picture quality, or even impossible. This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Important Safety Instructions

Please read and save for future reference. some of the following information may not apply to your particular product; however, as with any

tronic product, precautions should be observed during handling and use.

- Read these instructions Keep these instructions
- Heed all warnings. Follow all instructions
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such
- as radiators, heat registers, stoves, or other apparatus (Including amplifiers) that produce
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your wall outlet, consult electrician for replacement of the obsolete
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Only use attachments / accessories specified by
- the manufacturer
- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the



Unplug this apparatus during lightning storms when unused for long periods of time

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or

Important Safety Instructions

Left and right Sur-

It's important to read this instruction prior to using your new product for the first time.

Additional safety information

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Always leave sufficient space around the product for ventilation. Do not place product in or on a bed, rug, in a bookcase or cabinet that may prevent air flow through vent openings.
- Do not place lighted candles, cigarettes, cigars, etc. on the product.
- Connect power cord only to AC power source as
- Care should be taken so that objects do not fall into · Do not attempt to disassemble the cabinet. This product does not contain customer serviceable

Connections and Setup

Accessories provided

Left and right

Remote control and One Pig-Tail 2 AAA batteries antenna wire

Things to consider before you connect

sticker located on the back of your unit.

Ensure that the mains supply in your house

Install your unit horizontally, away from

any source of heat (fireplace) or appliances creating strong magnetic or electric fields. The

components of this unit are sensitive to heat.

The maximum ambient temperature should not

Leave enough space around the unit to allow

and above the top, and 5 cm/2 inches at the rear.

adequate ventilation: 10 cm/4 inches on either side

omplies with that indicated on the identification

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If your product operates on batteries, adhere to the A. Any battery may leak electrolyte if mixed with a

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- different battery type, if inserted incorrectly, or if all batteries are not replaced at the same time. Any battery may leak electrolyte or explode if disposed
- of in fire or an attempt is made to charge a battery not intended to be recharged. C. Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury. When discarding batteries, be sure to dispose of them in the

proper manner, according to your state/provincial and

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

local regulations.

One external AM

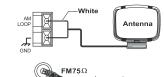
Center speaker

be placed on the apparatus

Connections and Setup

- Where the mains plug or an appliance coupler is used as a disconnect device, the disconnect device shall remain readily operable
- Other important use and cleaning information at

Connecting the antennas



The AM and FM antennas connect to the AM and als on the system's back panel. They must be hooked up in order to receive clear reception.

AM Loop Antenna Uncoil the AM Antenna wire

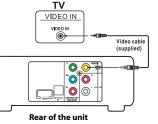
- 2. Press down on the Antennas tab to open the
- terminal. 3. Make sure the white wire on the AM loop antenna
- is inserted into the AM loop terminal and the other wire is inserted into the ground loop terminal.

Connecting to your TV (Analog Video)

Method 1

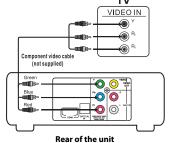
- Composite video jack (yellow)

 The basic video jack is color-coded yellow. Video cable (yellow) is supplied for the connection
- for good picture quality
- Connect the video OUT jack on the receiver to the Video IN jack on your TV so the video content goes from the receiver to the screen



Method 2

- Component video jacks (Pr, Pb, Y) The component video jacks are color-coded green, blue and red.
- Additional component video cables (not supplied) are required to provide best picture quality. They are usually color-coded green, blue Connect the component video OUT jacks on the
- receiver to the component video IN jacks on you TV so the video content goes from the receive to the screen. TV



If your television is a high definition television, use the unit's HDMI output to get the highest possible video resolution. If unable to use a HDMI connection, use the

to ON, to get the next highest possible video If one of the devices is not working, check that all the cables have been inserted

unit's component video output and set the Progressive Scan option in the Video menu

properly into the jacks.

If your component has only one input for audio (mono), connect it to the left (white L/Mono) audio jack on the TV and don't

Connections and Setup

FCC Information

SAME OR EQUIVALENT TYPE.

CAUTION

/IS:RISQUE DE CHOC ÉLECTRIQUENE PAS OUVRI

Visible laser radiation when open. Avoid exposure

be opend only by qualified technicains to prevent

Illustrations contained in this document are for

CLASS 1 LASER PRODUCT

APPAREIL À LASER DE CLASSE

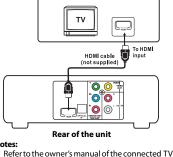
accidents caused by the laser beam.

representation only.

NE PAS EXPOSER À LA PLUIE NI À L HUMIDITÉ

Connecting to your TV (via HDMI input) HDMI stands for High Definition Multimedia

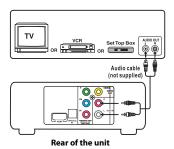
nterface. HDMI transfers digital audio and uncompressed digital video on a single cable. Press the HDMI button on the remote control to ige output signals as follows: 480p, 720p, 1080i and 1080p.



When using HDMI cable, do not connect to

Connecting AUDIO from external sources such as TV (Aux In) Using AUX IN jacks ect the AUX IN jacks on rear of the unit to the

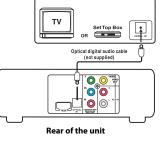
AUDIO OUT jacks on VCR, TV, Set Top Box or other Press either SOURCE on the main unit or LINE-IN/ AUX on the remote control to toggle select AUX IN mode



Using Digital Optical Input (recommended)

Connect components capable of outputting Dolby Digital surround sound (e.g. TV or Set Top Box) or standard PCM (CD) format digital signals. Use a fiber optical cable for this digital audio connection (cable not included). Press OPTICAL button on remote control or

SOURCE button on main unit to select OPTICAL for digital audio output components.

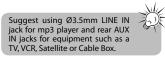


Using LINE IN jack Connect the Ø3.5mm LINE IN jack on the front panel of the unit to the headphone output on

-6-

• Ø3.5mm to Ø3.5mm audio cables (not included) are required.

To listen to the audio input from the connected component, press SOURCE on the main unit or LINE-IN / AUX on the remote control to toggle to LINE IN mode.

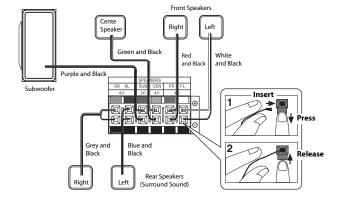


Connections and Setup

eaker wires are color-coded to match the terminals. Connect the speaker wire from the back of each speaker to the corresponding color terminal at the back of the unit. Press down the tab to open the terminal and insert the wire. Release the tab to lock wire in the terminal.

When connecting the speakers, make sure the polarities ("+" speaker wire to "+" on the receiver. For example, red wire to red terminal on the receiver) of speaker wires and terminals match. If the cords are reversed, the sound will be distorted. Do not let the speaker wires touch each other, it will damage the Home Theater's amplifier.

Center speaker provided with this unit are magnetically shielded to protect your TV set. It is not rect to place the front speakers, surround speakers and subwoofer near the TV set.



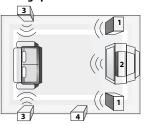
To adjust each speaker volume level for optimum listening experience Press the LEVEL button on the remote control to select FL (front Left speaker)

Press the VOL+/VOL- buttons to adjust the value up or down (between -10dB and +10dB). (3) Repeat step (1) and (2) for the other speakers FR, SL, SR, CT, SW.

ker gains may be set to levels of up to +10dB, actual max levels may also depend on your Volume Settin

- 7 -

Positioning speakers



Courtesy Dolby Laboratories

1. Left, Right (Front Speakers)

ront speakers carry primarily music and sound effects. 2. Center

In surround mode, the center speaker carries most

of the dialog as well as music and effects. It should be set between the left and right peakers 3. Surround (Rear Speakers)
The surround speakers' overall sound balance should be as close as possible to the front peakers

Proper placement is vital to establish an evenly

listributed sound field. 4. Subwoofer A subwoofer is designed to reproduce powerful low

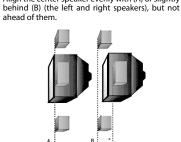
bass effects (explosions, the rumble of spaceships

Connections and Setup

Front speaker placement

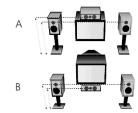
Alignment

For best results, follow the speaker placement



Place the left and right speakers to form a 45degree angle with your favorite viewing position to duplicate the soundtrack mixer's perspective.

Height
The three front speakers should be as close as possible to the same height. This often requires placing the center speaker directly on top (A) o



Better surround placement Location

f possible, place surround speakers to either side of the listening area, not behind it.

If space permits, install surround speakers 2-3 feet

Aim surround speakers straight across the room not down at viewers, to help create a more open spacious surround sound field.

The humidity of the room should not exceed 75%.

If you have to use the unit outdoors, do not expose

it to rain or splashing water. The apparatus should

not be exposed to dripping or splashing and no

objects filled with liquids, such as vases, should

Moving the unit from a cold place to a warm one

can cause condensation on some components

nside the unit. Let the condensation disappear

Before moving the unit, make sure the disc tray

on its own before turning the unit on again.



Alternative Surround Placement

Rear wall

No adjacent walls

If rear wall mounting is the only choice, aim the speakers at each other (A), towards the front (B) or towards the sidewalls (C. D). Experiment with placement until sounds seem to surround you, rather than come from behind you.

Surround speakers can go on stands facing each

other to approximate sidewall mounting (A), or to the sides or rear of the viewing area, aimed upwards;



nerator to help you balance the audio level for

See Audio Setup under The Setup Menu section for

more details on how to access this feature

Test tone/Channel balance **Channel balance** Your receiver is equipped with a test signal

Level adjustment and surround channel level expectation

Even though you adjust the surround channel to be as loud as the others on the test signal, you might find that surround channels seems quieter for actual TV and Movie content. This is because producers use surround for subtle atmospherics and ambience, and only rarely for special effects. above viewers. This helps to minimize localization

Overview of Controls

(ပ 1 2 3 TUNER 4 5 6 8 9 INFO 7 OPTICAL 0 TITLE \wedge (OK)(>),+ \vee SET UP CH+/ >> CH - / เ≪ REV 😂 FWD \triangleright SLOW STOP PAUSE OIDUA (II) ANGLE ZOOM SUBTITLE **(** (**1** (----)

RСЛ

Remote functions in DVD/CD mode Turns on/off the unit ON-OFF:

- 5

TUNER: Selects the TUNER and selects between FM/AM. Selects and toggles between the front LINE IN mode and rear AUX IN mode. (for listening to audio input from connected TV, VCR or SetTop BOX). OPTICAL: Selects OPTICAL IN at rear for digital audio con-Number entry. CLEAR:

Quits the current setting manually from the TV screen without saving change. Accesses the Info menu Accesses the title menu of DVD discs. TITLE: **DISC MENU**: Accesses the disc menu during playback. Confirms your selection. $\langle / \rangle / \wedge / \vee$: To navigate through the menus. The left and

tuner mode Mutes and restores the sound. SETUP: Enters Setup menu In DVD mode, returns to the previous menu. RETURN VOL +/-Adjusts the sound volume CH+/▶, CH-/◄: Directly accesses the next or previous chapter (DVD) or track (CD). Selects programmed stations in TUNER mode. REV Starts reverse accelerated play

Starts forward accelerated play.

Selects SLOW motion function

right arrows also tune the radio frequency in the

PAUSE eezes frame, accesses frame advance. AUDIO: Accesses the audio function. ANGLE Accesses the camera angle function for DVD ZOOM: Accesses the Zoom function SUBTITLE: Selects the subtitle languages or turns subtitle off (if available). MEMORY Creates programs

Starts playing a disc.

Stops playback.

1080i or1080p).

FWD:

SLOW

STOP

HDMI:

Strong/Powerful). To change setting, first press SUBWOOFER button, then use ^ / v buttons on the remote control to change the current Turns on/off random playback on CDDA disc. Accesses the repeat function.
Toggles channels for different level settings. REPEAT:

Adjusts the value using VOL +/-

SUBWOOFER: Shows current Subwoofer setting (Soft/Balance/

Changes video output signals (480p, 720p,

Overview of Controls

SURROUND: Shows current Surround Sound setting (5.1 ch or Stereo). To change setting, first press SURROUND button, then use ^/ v buttons on the remote control to change the

We strongly recommend you leave system in 5.1 Channel Surround setting. Remote control functions in tuner mode Selects the TUNER and switch between

FM/AM VOL+/-: Adjusts the sound volume. Mutes and restores the sound. MUTE: TUNER +/-: Tunes down and up the radio

MEMORY: Stores a station CH+/-: Selects programmed stations Selects between Stereo and Mono AUDIO: mode for Tuner (FM).

frequencies.

Using remote control to navigate through the on-screen menus

Use \langle, \rangle , \wedge , \vee and OK on the remote control to navigate through the on-screen displays (the DVD player's menu, the Info Display that appears during playback, or a disc's menu).

button (e.g., to move right, press >). The arrow

buttons are used to highlight an option. Once

highlighted, press OK to select the option that is

audio components.

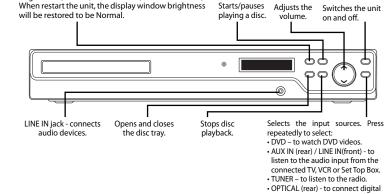
Insert 2"AAA"("UM-4"/"R03") batteries

Use <. >. ∧, ∨ on the remote to move through on-screen menus in the direction of the arrow

to the remote control prior to use.

highlighted.

Overview of Controls - Front Panel Controls Tap repeatedly to adjust the display window brightness (Normal, Middle level, most dim level)



Playing Discs - Basic Functions

Compatible discs DVD, DVD-R, DVD-RW, DVD+R, DVD+RW

 CD, CD-R, CD-RW Compatible formats DVD, JPEG

• CD Regional coding Your unit has been designed to process regional management information stored on DVD discs. The regional code for your unit is 1. Discs that have a

different regional code will not play. Operating the DVD receiver

. Turn on your television set. 2 Press ON•OFF on the remote or ON/STANDRY located on the unit's front panel. Press DVD on

Loading disc Press on the front panel to open the disc tray.

 Press ≜ again to close the disc tray. Playback

disc menu appears, select the Play option to

2. Place a disc onto the disc tray with the label side

Switch the unit and the TV set on. After loading a disc, playback starts automatically, or the disc menu appears. If the

begin playback. 2. Press STOP to stop playback. Accelerated play

While the disc is playing, press REV or FWD one or more times to vary the speed and direction of ne accelerated play. Press PLAY to resume norma playback.

While the disc is playing, press PAUSE once for freeze

frame. Press PLAY to resume normal playback. Frame advance

Press PAUSE twice. "Step" is displayed. 2. Each time you press PAUSE button, the picture

advances one frame 3. Press PLAY to resume normal playback

Basic Playback Operations Variable slow motion 1. Press SLOW button on the remote in play

speed of slow-motion playback changes in the following sequence: SF X1/2 → SF X1/3 → SF X1/4 → SF X1/5 PLAY ← SFX1/7 ← SFX1/6

2. Each time the SLOW button is pressed the

3. Press PLAY to resume normal playback Changing chapter/track

While the disc is playing, press the CH+/- button to go immediately to the next or previous chapter, or to the next or previous track. 1. While a disc is playing, press ZOOM until you

reach the zoom size you want. The ZOOM

button toggles through x2, x3, x4 and then zooms out to x1/2, x1/3 and x1/4, then returns

Disc menu — The appearance and contents of this menu varies according to the type of disc

you have inserted. It is separate from the Setup

to normal playback. 2. Move from one area to another (pan) using the arrow buttons.

3. To turn ZOOM off, press ZOOM until you get to the **Zoom: Off** option. Types of menus

Info menu — The unit's Info menu appears at the top of the screen while the disc is playing Press INFO on the remote to switch the Info menu on or off.

Setup menu — Press SETUP to access this

TT 1/10 CH 1/16 ① 00:13:07



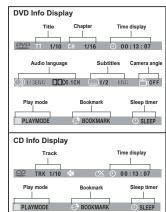
Download from Www.Somanuals.com. All Manuals Search And Download. - 10-

INVALID KEY will be displayed if the function you select is not available

The Info Menu

1. Press INFO on the remote while a disc is playing to display the info menu. The first banner shows title, chapter, and time display information

- 2. Press INFO again for audio language, subtitles,
- and camera angle.
 3. Press INFO a third time for play mode, bookmark
- and sleep timer.
 4. Use the right/left arrow buttons on the remote
- to select an icon
- 5. Use the up/down buttons to scroll through the



Time display

To access the Time Display press INFO on the DVD: Chapter Time Elapsed, Chapter Time Remain

Disc Time Elapsed and Disc Time Remain.

Note: Many discs only have one title.

buttons. Press OK again to confirm.

Title Time Elapsed and Title Time Remain udio CD: Track Time Elapsed, Track time Remain,

To directly access a location on the disc which does not correspond to the start of a title or chapter, press INFO once and press OK, highlight the Time Display icon using the arrow buttons, then enter a time with the number buttons (hh:mm:ss) and press OK.



Title/chapter (DVD)/track (audio CD)

Some discs have several audio tracks used for To directly access a title, chapter (DVD) or a track (audio CD), press INFO, press OK. different languages or different audio formats. Select the Title(TT), Track(TRK) or Chapter(CH) To change the language or audio format during icon and enter a number directly with the numeric playback:

 Press the INFO button twice. 2. Use the left/right arrow buttons to select the

The Info Menu

Audio (DVD)

Audio icon, or press the AUDIO button on the remote control.

3. Choose a language or an audio format with the up/down arrow buttons.

This option is only available if the disc offers dialog languages or audio formats. When you change the dialog language using the Info menu, it only changes the dialog language of the disc being played. When you eject the disc or switch off the unit, the language will revert to the one you selected in the language Setup menu.

Subtitles (DVD)

Subtitles are turned off by default. Turn on subtitles as follows:

- 1. While the disc is playing, press INFO twice, then select the Subtitles icon using the left/right arrow buttons.
- 2. Select a language using the up/down arrow buttons. 3. To turn subtitles off, select the off option or
- press SUBTITLE on the remote. When you change the language of the subtitles

using the Info menu, it only applies to the disc currently being played. When you eject the disc and switch off the unit, the subtitles will default to the subtitle language you selected in the

This function may not be available on all discs.

The Info Menu

Creating a Program List for Program Play Mode (Audio CDs and DVD discs)

To use program play mode, you must first create a program list.

- button on the remote or press the INFO button . To create a program list, press the INFO buttor twice and select the Camera angle icon with the twice for CD and three times for DVD. Highlight the Play Mode option and press the up arrow to select the Program option.
 - 2. Press OK. The Program screen is displayed. 3. The first spot in the list is highlighted. Use the
 - number buttons on the remote to enter a track number. As for DVD discs: T stands for Title while C stands for Chapter, As for Audio CDs: T stands
 - 4. Use the arrow buttons to move to the next spot in the list. Enter the next track number. 5. Continue entering tracks until you have
 - completed your list. Highlight the Play option at the bottom of the screen and press OK or press PLAY to start

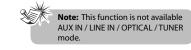
playback. The program list will play in the order you programmed it.

To stop program play, press STOP or select Standard

from the Play Mode option in the INFO display. If you want to cancel the list, repeat Steps 1 and 2 to select CLEAR and press OK.

Sleep

- 1. Press INFO twice for CD and three times for DVD. Select Sleep icon with the left/right arrow buttons.
- 2. Select one of the available options using the OK button: Off, 30, 60, 90 or 120 minutes.



Introscan (CD)

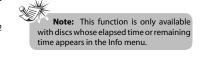
resume normal playback.

This option plays the first ten seconds of each track

- 1. Press the INFO button twice, then select the Play mode icon with the left/right arrow buttons.
- 2. Press the up/down arrow buttons to select the INTRO option and press OK to start IntroScan.
- 3. Press STOP to stop Introscan, and press PLAY to

Bookmark (DVD and audio CD)

- 1. Press INFO twice for CD and three times for DVD. Select the Bookmark icon with the left/right buttons, and press OK. A menu is displayed with five bookmarks.
- 2. The first bookmark space is highlighted. Press OK to set the bookmark. The bookmark is saved and is indicated by the number 1. You can set up
- to five bookmarks on a disc. 3. To start playback from a bookmark, press the PLAY button on the remote.
- delete a bookmark, highlight it and press CLEAR.



The unit has a built-in tuner that allows for FM radio function. The AM loop antenna allows for AM radio function.

1. Connect the FM antenna and the AM loop

3. Tune a station by pressing TUNER+/-repeatedly

until the desired station is found. Alternatively,

you can press and hold the same buttons down

for about two seconds to activate the automatic

search function. In this mode the unit will

automatically tune frequencies until it finds a

4. Repeat step 3 to tune to another radio station.

The unit can store up to 30AM/30FM radio stations

in its memory. You can enter every single radio

station yourself or the unit can store all available

2. Press and hold TUNER for two seconds to start

automatic preset programming.

3. Radio frequencies will be browsed and radio

stations stored automatically. When all the

available radio stations are stored or all

30AM/30FM memory locations are full, the auto

1. Tune to a radio station (see "Manual tuning" for

2 Press MEMORY. While the Program Preset

number is still flashing, input your desired

preset number using the numeric buttons, then

2. Press CH +/- to search up or down for the preset

stations or directly press the numeric buttons.

preset programming function will stop.

Manual preset

press MEMORY to store it.

Retrieving preset stations

1. Press TUNER to enter the Tuner mode.

radio stations automatically in ascending order.

Automatic preset programming

Press TUNER to enter the Tuner mode

5. Press TUNER to toggle between FM and AM.

Storing radio stations

antenna at the back of the unit.

Radio

Manual tuning

2. Press TUNER.

Tips:

- When the FM station broadcasts Stereo sound is found, ST is displayed.
- When you manually tune into a weak FM station, press AUDIO on remote control to switch from Stereo to Mono mode. This will reduce the background noise.
- If there is any interference, change the antenna's position until ideal sound reception is obtained. TV and other electronic devices could be the cause of interference, so try to position the antenna away from them.
- A weak signal can affect the "Automatic preset programming" function's efficiency. Adjust the antenna for better reception and a more efficient search.

TV, VCR or Set Top Box can be connected to AUX IN / OPTICAL IN input jacks at the back of the unit or LINE IN at the front panel so that sound from the auxiliary component comes into the unit and out through the speakers.

Connecting auxiliary components Refer to "Getting sound from external sources

such as TV" for details on connecting the auxiliary

mode

Press either SOURCE on the main unit or LINE-IN/

AUX/OPTICAL on the remote control to select

LINE IN, AUX IN or OPTICAL mode.

IN/OPTICAL mode)

You may change the Surround Sound setting from 5.1 ch to Stereo mode if you like (see instructions under "Overview of Controls") However, we recommend you leave the system

in full 5.1 CHANNEL surround mode.

If the AUX IN (or LINE IN/OPTICAL IN) audio signal is mono, you may not receive audio on all speakers.

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Jpeg Files

Playing jpeg files

and close the disc tray.

Jpeg files are image files. Make sure that they have resolution of less than 2 megapixels. 1. Open the disc tray. 2. Place the disc with the printed side facing up

- The folders on the disc will be listed in numerical order on the left side of the screen. When you highlight a folder, then press OK button. The list of pictures in the folder are listed in numerical
- order on the right side of the screen. 3. Press the left arrow button to move to the folder lists on the left side of the screen. Select a folder using the up/down arrow buttons on the
- remote control, then press OK button. 4. Press the right arrow button to move to the file list on the right side of the screen. Use the up/ down arrow buttons to select a file. Press PLAY to start picture slideshow
- 5. The unit starts the slide show with the jpeg file you have selected, then displays all the jpeg files in the same folder, then all the jpeg files in the subfolders located in the same folder. You can set the amount of time a picture remains on the screen in the Video Setup menu.
- 6. During the slide show you can use the left/right button to rotate the picture, the up arrow button to rotate the image vertically, the down arrow outton to rotate the image horizontally. Use the ZOOM button to zoom in/out the picture. Use the CH- button to go back to the previous picture or the CH+ button to go to the next one, and the STOP button to interrupt the slide show and display the disc's contents.
- When the unit has played all the files, the slide show stops and the disc's contents are displayed
- 8. Press STOP to end playback.



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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.

Before inserting a disc, make sure it is compatible with the unit.

The Setup Menu

There are four options in the main setup menu-General Setup, Language Setup, Audio Setup and

Video Setup. Press SETUP to bring up the main menu. Select one of the menu icons across the top of the screen using the left/right arrow buttons. The menu's options are displayed on the left side of the screen. Press the right arrow button to move to the option's choices on the right. Press SETUP if you want to exit setup.



Progressive Function provides high quality pictures with less flickering. Turn on Progressive Scan if you used the Component Video jacks of the unit to connect a TV or monitor compatible with a progressive scan signal. Select P-Scan YPbPr and press OK to activate

Progressive Scan. **HDMI Setup**

This lets you select the resolution of the player's output according to the connected TV. Supported HD JPEG mode: 480p, 720p, 1080i

and 1080p. TV Type

Depending on the format of the DVD disc, you can choose the picture format (aspect ratio) best suited to the format of your TV screen

- 4:3 PS: reproduces a 4:3 picture without distortion.
- 4:3 LB: gives best reproduction of pictures recorded in this format (i.e. with horizontal bands at the top
- and bottom of the screen) or in 16:9. 16:9 (widescreen): reproduces 16:9 format films in full on a 16x9 screen.

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back to the original settings.

Once Progressive Scan has been activated, an

Camera angle (DVD)

left/right buttons.

arrow buttons.

entering the two points.

choose the Standard option.

angle, this function is not available

Play mode (all discs except jpeg)

twice for CD and three times for DVD.

specific scenes

buttons.

Some discs offer different camera angles for

1. To change the camera angle, press the ANGLE

2. Choose the angle with the up/down arrow

If the disc was recorded using a single camera

1. While the disc is playing, press the INFO button

2. Select the Play Mode icon using the left/ right

3. Use the up/down arrow buttons to select an

DVD play modes: standard, program, A-B

repeat, title repeat, chapter repeat, Program

play mode is only available if a program list

has been created (see below). Repeat mode is

only available with discs that display elapsed

time and remaining time. To repeat a sequence

between points A and B, choose the A-B repeat

option, and then follow the instructions for

Audio CD play modes: standard, introscan,

random, program, repeat A-B, repeat disc,

4. To stop repeat playback, select the Play Mode

icon and use the up/down arrow buttons to

image will only be visible on a progressive scan TV or monitor. If you choose this option and you don't have a progressive scan TV or monitor, you may get a picture with incorrect color or

Language Setup

With this menu, you can set the language for unit menus, dialog, subtitles and the disc menus. If you chose "English" during initial set-up, any



- 1. Select the Language Setup icon in the main
- arrow buttons.
- language choices. 4. Use the up/down arrow buttons to highlight

Plaver Menu Select the language of player menus and press

arrow buttons to highlight the Audio icon. Press the up/down arrow buttons or AUDIO on the remote control to select audio language.

The Setup Menu

Subtitles

Select the subtitle language using up/down arrow buttons and press OK. To change the language of the subtitles during playback, press INFO twice for DVD and use the

left/right arrow buttons to highlight the Subtitle icon. Press the up/down arrow buttons or the SUBTITLE button on the remote to select a subtitle Disc Menu

To change the language of the disc menus, select

the language using the up/down arrow buttons and press OK. The language you select will only be displayed if the disc is programmed with that language.

** If the selected language is not available on a disc, the disc's language will be used

instead. If the language chosen is available, it is automatically selected when you display the subtitles or press SUBTITLE on the ote control. Otherwise, the subtitle language indicated on the disc is selected.

Audio Setup

You can adapt your unit to other equipment and access specific functions with the Audio Setup 1. Select the Audio Setup icon in the main menu

using the left/right arrow buttons. Select an option using the up/down arrow buttons. Press the right arrow to move to the



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You can use this function to limit the volume on loud passages of movies (such as action sequences) while still allowing you to hear quiet passages (such as dialog). You can choose between Quiet, Moderate or

Center Delay / Rear Delay Basic settings have been preset for the speakers included

the up/down arrow buttons.

(gain) for each individual speaker channel.

OK button to exit this function.

level to your desired setting

buttons and press OK.

Video Setup

speaker you select. Use the VOL button to adjust the

1. Select the Video icon in the main menu using the

Test Tone

with your unit. However, to suit the acoustic conditions n your listening room and to make the sound more effective, you may need to delay the signal coming from some of the speakers. Channel delay compensates for centre or surround speakers that are closer to the listening Insert the disc with the printed side facing up position than the front speakers.

- Highlight the Center Delay/Rear Delay option using 2. Press the right button to move to the default
- unit's regional code. This unit's regional code is 3. Press the up/down buttons to adjust the distance

Select the AV input assigned to the unit on the

- HDMI cable can cause data lost. Press HDMI button on remote handset several

times to toggle among different HD OUTPUT. The picture is of poor quality (with snow or

There is no sound or the sound is of poor

- quality.Check the connections.

Check to see if system is actually in 5.1 Channel Surround mode. To do this, press the SURROUND button on the remote control - the front panel display should indicate the current setting (5.1 ch or Stereo). If current setting is Stereo, the surround speakers and center speaker will be inactive. You should switch the system to 5.1 Channel Surround setting (see instructions under "Overview of Controls").

Troubleshooting

Additional Information

The unit does not switch on Make sure it is plugged in.

Press the ON•OFF button on the remote control

or the ON/STANDBY button on the front of the

The device switches off automatically when it is in STOP mode for more than 30 minutes without

The device switches off spontaneously.

- any user intervention. Switch it on again. It might be impossible to read the disc.
- Check that the disc can actually be played by this device. Check that the disc's regional code matches the
- Clean the disc.
- There is no picture. This function is used to test and adjust the volume level

Check you have switched on the TV set. Check the connections. Use ∧/∨ to select the speaker channel you wish to test and adjust. You'll hear a test tone come from the

TV. Replace the HDMI cable with a better one. Bad

left/right arrow buttons. 2. Select a menu option using the up/down arrow Check the connections

- Make sure the speakers are connected
- · Make sure the MUTE function is not on. No surround sound.

on the disc

- The disc menu language is not the correct one.The disc menu language has not been set up.
- obstructed. · During thunderstorms, we recommend that you isolate the unit from the electrical supply so that it is not damaged by electrical or
- Switching off the unit to standby mode does not disconnect it from the mains supply. To completely isolate the equipment, remove the

plug from the mains jack as some components

If you notice any burning or smoke, disconnect the unit immediately to avoid any risk of electrocution. Do not attempt to look inside the unit through

the disk tray opening or any other opening You may be electrocuted or exposed to laser

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- This unit is for domestic use only and must not be used for industrial purposes. Total or partial copying of recordings protected nt legislation without permission of the holder of the rights, contravenes current legislation. Copying or downloading music files for sale or any

constitute a violation of copyright law.

- · Use a soft, dry, clean cloth. Regularly dust the vents at the back or sides.
- an authorized servicer or service center Handling and caring for discs Handle your discs with care Hold the disc with
- · Place the disc properly into the tray in the allotted holder. Use a soft cloth to clean discs if necessary,

always wiping from the centre to the edge.

- Always put discs back in their cases after use and store in a vertical position. Do not close the tray with two discs in it or with a disc not sitting correctly in the holder.
- Do not write on a disc. · Do not move the unit when a disc is being
- high temperatures. Do not use aerosol cleaners, benzene, anti-static

In order to ensure playback, discs must conform with DVD or CD standards. This unit may not play recording formats, software used and disc types.

Digital video discs - 12 cm, single or double sided, single or dual layer. DVDs

DVD-Video

(rewritable), depending on the DVD writer and discs used. Recordings using DVD-R and DVD-RW discs must be made Video DVD mode. Recordings using

DVD+RW discs must be made in accordance with

the specifications for DVD+RW discs with a 4.7 GE

Audio CDs

CD-RW discs (rewritable)

the disc is played (depending on the write software). However, depending on the condition of the CDwriter, computer and the disc used, you may find that not all discs will play. When playing a CD-R disc, it is normal for the unit to take up to 60 seconds to cognize the disc before starting to play. If the disc is not recognized after a period of 120 seconds, remove the disc, and insert it again.

Use reliable, good-quality CD write software.

ensure reliable CD-R disc recording.

Close all other applications on the computer to

Jpeg files

this unit. When composing your title, use 10 characters or less. no spaces, and avoid the use of special characters including (.,/, , =, +).

The total number of files and folders on the disc are high density optical discs on which should be less than 650.

sound experience.

sound enhancement systems.

are trademarks of Dolby

This receiver is equipped with several built-in

as TV and VCR. You can use this mode with any stereo program source (such as VCR/TV) to enjoy multi-channel

surround from software processed in the Dolby Digital format. Dolby Digital provides better sound quality and a more powerful presence than conventional Dolby Surround. This unit is equipped with Dolby Digital 5.1-channel so that you can enjoy enhanced full digital surround sound. The new system provides stereo separation of the rear speakers (Rear-Right, Rear-Left). Adding the subwoofer channel to the 5 channels for bass sounds (counted as 0.1 channel) results in 5.1 channels (or 6 Channels) that bring you the most sophisticated Dolby Digital sound enjoyment.

This option allows you to return the unit's settings o the original factory settings. Any changes you have made to the unit's settings will be reverted

menus generated by the disc are in English, and language of the dialogs (if this language is available on the disc).

menu using the left/right arrow buttons.

2. Select one of the options using the up/down 3. Press the right arrow button to move to the

Select the dialog language using up/down arrow buttons and press OK.

Limited Warranty

original consumer purchaser and is limited to non-commercial user of the product.

conform to this warranty, we will service the product using new or refurbished parts and products, at

during the hours listed in the box below. The determination of service will be made by AVC custo PLEASE DO NOT RETURN YOUR UNIT TO AVC WITHOUT PRIOR AUTHORIZATION. New or remanufactured replacements for defective parts or products will be used for repairs by **AVC** at its designated Service Center for one year from the defective warranty date. Such replacement parts or products are warranted for an additional one year from the date of repair or replacement. The Custome will be required to ship the unit to the Service Center indicated at the time Customer Support is

Packaging and Shipping InstructionWhen you send the product to the **AVC** service facility you must use the original carton box and packing material or an equivalent as designated by **AVC**.

(2) These warranties are effective only if the product is purchased and operated in the U.S.A. or Canada.

Out of Warranty In the event your product requires repair after the limited warranty period has expired, please contact mer Support Center at 1-800-506-5746, 1-877-252-6873 or www.RCAav.com

Limited Warranty

All warranties implied by state law, including the implied warranties of merchantability and fitness for a particula purpose, are expressly limited to the duration of the limited warranties set forth above. With the exception of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, quarantees, agreements and similar obligations of manufacturer

any obligation of AVC arising under the warranty or under any statute, or law of the United States or any state thereof, is hereby limited to one year from the date of purchase. This limitation does not apply to implied warranties arising under state law. This warranty gives you specific legal rights and you may also have other rights, which may vary from

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms

of these warranties in any manner whatsoever. The time within action must be commenced to enforce

Important: Also keep your "Bill of Sale" as proof of purchase Model no. Product name Type of set

Specifications and external appearance are subject to change without notice.

Need more help?

LINE IN/AUX IN/OPTICAL IN

components to the unit Selecting LINE IN / AUX IN / OPTICAL

Sound output in AUX IN mode (or LINE

I can't find my file in the jpeg listing. Make sure the file name is valid The remote control does not work or works

beam must not be blocked or interrupted. Check that the remote control is configured to control the device you are trying to operate with it.

only intermittently.Check that batteries are inserted or change

Aim the remote control at the unit. The infrared

- The subtitles do not appear. Check that the DVD disc provides subtitles. Refer to the section on how to display
- The language of your choice is not available
- **Precautions**
- If your unit has been stored in a cool place for any length of time, during a journey for example, wait for about 2 hours before using it. The openings located on the top and bottom are for ventilation and must not be
- electromagnetic surges. This unit is designed for continuous use.
- remain connected to the electrical supply.

or seller with respect to the repair or replacement of any parts. In no event shall AVC be liable for consequential or incidental damages.

state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above

For more information on other products and services, please contact our web site at www.RCAav.com

Invoice no. Date purchased Dealer name . FOR SERVICE AND REPAIR, PLEASE VISIT www. RCAav.com

Please visit online help at http://www.RCAav.com

811-325W91W031

Additional Information

other business purpose constitutes or could

- · Using solvents, abrasive or alcohol-based products risks damaging the unit. · If an object or liquid enters inside the unit.
- your fingers at the edges or through the hole. Insert the disc with the label facing up (for a single-sided disc).
- Do not play cracked, chipped or warped discs nor try to repair them with adhesive tape or
- played. Do not scratch discs or store them in places exposed to direct sunlight, high humidity or
- liquids or any other solvent for cleaning discs. When cleaning, wipe gently with a soft damp (water only) cloth from the centre to the edge, avoiding circular motions, which could cause scratches and interference during playback.

Compatible Formats

high quality picture and audio are orded by means of digital signals. DVD-R, DVD-RW, DVD+R, DVD+RW Most DVD-R and DVD+R (one recording only), DVD-RW and DVD+RW discs unplug it immediately and have it checked by

capacity.

CD-R, CD-RW Most CD-R (one recording only) and

CD-Rs written during a multisession recording can be played, provided that the session has ended before

Do not use its full capacity. CD-Rs should be preferably used instead of CD-RWs (rewritable CDs) as, in certain cases, CD-RW playback may be faulty.

Additional Information

CD-R and CD-RW with jpeq files. Certain jpeq files, in cluding progressive jpeg files, cannot be read by

Make sure that files have the ".jpg" extension. Files without the ".jpg" extension will not be able to be read by the unit --- even thought the files are shown as jpeg images on your computer Sound Enhancement Systems

Manufactured under license DIGITAL TOOLBY TOOLBY, "Pro Logic", and the double-D symbol from Dolby Laboratories

Dolby Pro Logic The Pro Logic mode uses the built-in circuit to steer the Left, Center, Right and Mono Surround channel audio signals and uses all five speakers to play both stereo and Dolby Pro Logic program source, such

Dolby Digital The Dolby Digital mode lets you enjoy full digital

the language of your choice and press OK.

To change the Audio language during playback, press INFO twice for DVD and use the left/right

RMS Output Power: Dolby Digital Mode with 10% Total Harmonic Distortion Front and Center Channel: 1kHz, 4Ω Subwoofer Channel: 100Hz, 3Ω

Technical Specifications:

AM Tuner Section: Frequency Response: 2kHz +/-3dB, 400Hz ref. Usable Sensitivity: 3000uV/m @ S/N 20dB Signal to Noise: 38dB IF Rejection: 35dB

Frequency Response: 15kHz +/-3dB, 1kHz ref.

Muting Attenuation: 70 dB Frequency Response 200Hz = 20KHz/3dB, 1KHz ref ubwoofer Frequency Response 20Hz - 200Hz/-3dB, 100Hz ref. Signal to Noise Ratio: 70 dB (Dolby Digital)

Quieting: 24dB Signal to Noise: 62dB(stereo) / 65dB(mono) IF Rejection: 70dB Dimensions (W x D x H mm): Unit: 430 x 240 x 66

Front Speakers: 110 x 85 x 110

Center Speaker: 140 x 85 x 110

Rear Speakers: 110 x 85 x 110

Subwoofer: 169 x 288 x 330

option's choices.

AVC MULTIMEDIA ("AVC") makes the following limited warranty. These limited warranties extend to the

During a period of one year from the effective warranty date, AVC will provide, when needed, service labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our Customer Support Center at 1-800-506-5746 or 1-877-252-6873,

Your Responsibility

Hours: Monday-Thursday: 9am-7pm, Friday: 9am-5pm, Saturday: 9am-NOON Eastern ti Important:

Video Setup

The Slide Time option lets you select the amount of time a picture is displayed in a slide show. The choices are 5 seconds, 10 seconds, or 15 seconds

AVC products purchased in the United States are warranted to be free from defects in materials or workmanship for a period of one year from the date of their original retail purchase. If the unit fails to

contacted to make the necessary repairs. The customer is responsible for all transportation charges to

(3) Warranties extend only to defects in material or workmanship, and do not extend to any product or parts which have been lost or discarded, or damage to product or parts caused by misuse, accident, improper operation or maintenance, or use in violation of instructions provided with the product, or to product which has been altered or modified without authorization of **AVC**, or to products or parts thereof which have had the serial number removed or changed.

(1) You must retain your bill of sale to provide proof of purchase

You are responsible for any transportation, shipping or insurance relative to the return of the product to

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