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RTD315W



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

#### Important Safety Instructions

- 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
- · Do not place lighted candles, cigarettes, cigars, etc. on the product.
- Connect power cord only to AC power source as marked on the product.
- · Care should be taken so that objects do not
- fall into the product. Do not attempt to disassemble the cabinet This product does not contain customer serviceable components

Additional safety information If your product operates on batteries,

- adhere to the following precautions: A.Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, or if all batteries are not replaced at the same time.

  B. 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 local regulations.

One external AM

loop antenna

should be placed on the apparatus.

Moving the unit from a cold place to a warm one can cause condensation on some components inside the unit. Let the

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

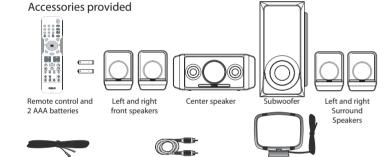
be exposed to dripping or splashing and no objects filled with liquids, such as vases,

condensation disappear on its own before

turning the unit on again.
Before moving the unit, make sure the disc

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

# Connections and Setup



#### Video Cable Things to consider before you

One Pig-Tail

- connect · Ensure that the mains supply in your house
- complies with that indicated on the identification sticker located on the back of your unit Install your unit horizontally, away from any
- source of hear (fireplace) or appliances creating strong magnetic or electric fields. The components of this unit are sensitive to
- heat. The maximum ambient temperature should not exceed 35°C/95°F.
- Leave enough space around the unit to allow adequate ventilation: 10 cm/4 inches on either side and above the top, and 5 cm/2 inches at

### Connections and Setup

#### Better surround placement Location

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

### If space permits, install surround speakers 2-3

feet above viewers. This helps to minimize localization effects.

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



#### Alternative Surround Placement Rear wall

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

# No adjacent walls

tray is empty.

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; they can go right on the floor, or preferably, a few feet off the floor



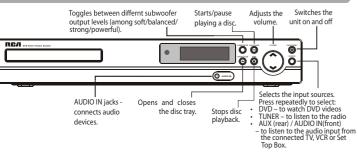
# Test tone/Channel balance

Channel balance Your receiver is equipped with a test signal generator for balancing the channels. As the signal "travels" from channel to channel, adjust the level controls until each channel plays at the same loudness level. Level adjustment and surround channel

level expectation Even though you adjust the surround channel

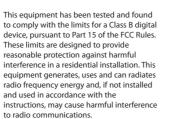
to be as loud as the others on the test signal on actual program material the surround channel is adjust the surround level; program producers use surround for subtle atm and ambience, and only rarely for special

# Overview of Controls: Front panel controls



#### 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.



However, there is no guarantee that interference will not occur in a particular installation. If this equipment does causeharmful 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 interferebce 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

ventilation. See diagram.

10 cm

of manufacture.

For your safety

polarized (one blade is

The AC power plug 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

safety feature.

easily accessible

Note:

If it still won't fit, contact a qualified

completely remove power from your

electrician to change the outlet, or use a

different one. Do not attempt to bypass this

Removing the power plug is the only way to

product. Make sure the power plug remains

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 player cannot

play the disc. The Region number for this

ou must adequately ventilate the product.

Make sure there is adequate space around

the unit to provide proper air flow for

This product complies with DHHS Rules 21

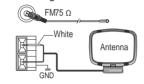
CFR Subchapter J. Applicable at the date

Where the mains plug or an appliance coupler is used as a disconnect device, the disconnect device shall remain readily operable.

Connections and Setup

· Other important use and cleaning information at the end of the booklet.

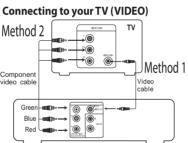
#### Connecting the antennas



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

### AM Loop Antenna

- 1. 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 nto the ground loop terminal



### Method 1

- Composite video jack (yellow)

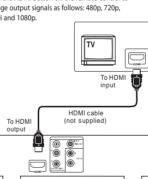
  The basic video jack is color-coded yellow
- Video cable (vellow) is supplied for the
- connection for good picture quality. Connect the video OUT jack on the receiver to the IN jack on your TV so the video content goes from the receiver to the

DVD player is Region 1.

- 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 ality. They are usually color-coded green, blue and red.
- · Connect the component video OUT jacks on the receiver to the component video IN jacks on your TV so the video content goes from the receiver to the screen.
- **S** definition television, use the unit's progressive scan output to get the highest possible video resolution Set the Progressive Scan option in the Video menu to On. If one of the devices is not working, check that all the cables have been inserted
- 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

#### Connecting to your TV (via HDMI input)

HDMI stands for High Definition Multimedia Interface. HDMI transfers digital audio and uncompressed digital video on a single cable.
Press the HDMI button on the remote control to change output signals as follows: 480p, 720p, 1080i and 1080p



### Overview of Controls

### 2 3 4 5 6 AUDIO IN 7 8 9 0 TITLE (OK) SLOW SUBTITLE ANGLE ZOOM **(19)** <del>----</del>

RСЛ

# Remote functions in DVD/CD mode

ON•OFF – Switches the unit on and off DVD - Selects the DVD mode

Selects the TUNER and selects between FM/AM AUDIO IN - Selects the FRONT AUDIO IN mode

AUX - Selects the Auxiliary input (for listening to audio input from

CLEAR - Quits the current setting manually from the TV screen without saving change

INFO - Accesses the Info menu

TITLE - Accesses the title menu of DVD discs

DISC MENU - Accesses the disc menu during playback

OK - Confirms your selection  $\wedge \vee <> -$  To navigate through the menus. The left and right arrows

also tune the radio frequency in the tuner mode MUTE - Mutes and restores the sound.

SETUP - Enters Setup menu RETURN - In DVD mode, returns to the

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

PLAY - Starts playing a disc

FWD - Starts forward accelerated play SLOW - Select SLOW motion function

STOP - Stops playback.

PAUSE - Freezes frame, accesses frame advance AUDIO - Accesses the audio function ANGLE - Accesses the camera angle function for DVD disc

ZOOM - Accesses the Zoom function SUBTITLE - Selects the subtitle languages or tunrs subtitle

off (if available) HDMI – Changes video output signals (480p, 720p, 1080i or 1080p)

SUBWOOFER - Selects among subwoofer output levels (soft/balance/strong/powerful).

### **CAUTION**: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE. WARNING: MAINS PLUG IS USED AS DISCONNECT DEVICE AND IT SHOULD

EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

FCC Information

CAUTION

DO NOT EXPOSE TO

**RAIN OR MOISTURE** 

ATTENTION

RISQUE DE CHOC ÉLECTRIQU Ne pas ouvrir

NE PAS EXPOSER À LA

PLUIE NI À L'HUMIDITÉ

SEE MARKING ON BACK OF PRODUC

RADIATION EXPOSURE.

Service information This product should be serviced only by those specially trained in appropriate servicing techniques.

Main plug is used as the disconnect device, it shall remain operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

#### Caution

Invisible laser radiation when open. Avoid exposure to beam. Class 1 laser product. This system must be opened only by qualified technicians to prevent accidents caused by the laser beam.

# DVD copy protection

VOLTAGE" INSIDE THE PRODUCT.

ACCOMPANYING THE PRODUCT.

SERVICE PERSONNEL.

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF

PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS

REMAIN READILY OPERABLE DURING INTENDED USE. IN ORDER TO

SHOULD BE DISCONNECTED FROM THE MAINS SOCKET OUTLET COMPLETELY

DISCONNECT THE MAINS PLUG FROM MAINS COMPLETELY THE MAINS PLUG

THE EXCLAMATION POINT WITHIN THE

TRIANGLE IS A WARNING SIGN ALERTING

YOU OF IMPORTANT INSTRUCTIONS

CAUTION: TO REDUCE THE RISK OF

FLECTRIC SHOCK DO NOT REMOVE COVER

(OR BACK). NO USERSERVICEABLE PARTS

INSIDE. RÉFER SERVICING TO QUALIFIED

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

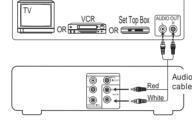
incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright otection technology must be author by Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation Reverse engineering or disassembly is prohibited.

#### Connections and Setup Using AUDIO IN jacks

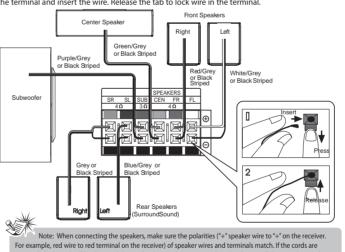
· Refer to the owner's manual of the connected TV as well · When using HDMI cable, do not connect to other analog video outputs.

Connecting AUDIO from external sources such as TV (Aux-In) Using AUX jack

Connect the AUX jacks from the unit to the AUDIO OUT jacks on VCR, TV, Set Top Box or



Speaker 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



# Overview of Controls

RANDOM – Turns on/off random playback on CDDA/

REPEAT – Accesses the repeat function.

 ${\sf EQ\,.\,LEVEL-Toggles\,channels\,for\,different\,channel}$ 

VOL +/-

In DVD mode, press the button to select between Dolby Digital and Stereo modes select between Dolby ProLogic and STEREO modes. (Refer to details on Dolby Digital and Dolby ProLogic.)

# mode

MUTE - Mutes and Restores the sound.

TUNER +/- - Tunes down and up the radio frequencies

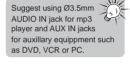
CH+/- - Selects programmed stations AUDIO - Selects between Stereo and Mono mode

### Using remote control to navigate through the on-screen menus

Use  $\wedge V \leq 1$  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 panel of the unit to the headphone output of mp3 players. Ø3.5mm to Ø3.5mm audio cables (not included)

Connect the Ø3.5mm AUDIO IN jacks on the front

- Press either SOURCE on the main unit or
- AUDIO IN on the remote control to select AUDIO IN mode. To listen to the audio input from the connected
- component, press SOURCE on the main unit or AUDIO IN on the remote control to select the Suggest using Ø3.5mm



### Connecting the speakers

### reversed, the sound will be distorted. Do not let the speaker wires touch each other, it will damage the speaker.

wma/jpeg discs.

level settings. Adjusts the value using SURROUND - Changes the Surround sound setting.

(Dolby ProLogic is available if the input is Dolby 2ch). In the AUX IN / AUDIO IN mode (analog input), press the button to

# Remote control functions in tuner

TUNER - Selects the TUNER and switch between

VOL+/- - Adjusts the sound volume

MEMORY - Stores a station

Use  $\land$  V <> on the remote to move through on-screen menus in the direction of the arrow 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 highlighted.

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

### Compatible discs

 DVD, DVD-R,DVD-RW, DVD+R, DVD+RW CD, CD-R, CD-RW

# CD, WMA

### Operating the DVD receiver

1. Turn on your television set. 2. Press ON•OFF on the remote or ON/

Loading disc 1. Press ≜ on the front panel to open the disc

3. Press ≜ again to close the disc tray.

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

If the disc menu appears, select the Play

Accelerated play While the disc is playing, press REVERSE or FORWARD one or more times to vary the

# normal playback.

2. Each time you press PAUSE button, the picture advances one frame.

### Playing Discs - Basic Functions

Compatible formats DVD, JPEG

### 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

STANDBY located on the unit's front panel. Press DVD on the remote control.

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

Playback

option to begin playback. 2. Press STOP to stop playback.

speed and direction of the accelerated play. Press PLAY to resume normal playback. While the disc is playing, press PAUSE once

for freeze frame. Press PLAY to resume

#### Frame advance 1. Press PAUSE twice. "Step" is displayed.

3. Press PLAY to resume normal playback

#### Important battery information THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS

· Do not mix different types of batteries or new and old batteries. Do not use rechargeable batteries.
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 the

If you are not using the remote control for

a long period of time, remove

Please respect the environment

and prevailing regulations. Before you dispose of batteries or accumulators, ask your dealer

whether they are subject to

special recycling and if they will accept them for disposal.

Important Information

controls or adjustments or perform 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.

This product utilizes a laser. Use of

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. No objects filled with liquids, such as vases, should be placed

th Canadian ICES-003. Cet appareil numérique de la class B est conforme à la norme du NMB-003

CAUTION

not expose this product to rain or moisture. N objects filled with liquids, such a vases, should be ed on the apparatus

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.

#### 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 electronic product, precautions should be observed during handling and use.

- Read these instructions
- Keep these instructionsHeed all warnings. Follow all instructions.
- · Do not use this apparatus near water Do not block any ventilation openings

· Only use attachments/accesso

- 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



 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point

- Unplug this apparatus during lightning storms
- Refer all servicing to qualified service personnel Servicing is required when the apparatus has been damaged in any way, such as power-supply 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 has been dropped

# Connections and Setup



Courtesy Dolby Laboratories

1. Left, Right (Front Speakers) Front speakers carry primarily music and sound effects.

most of the dialog as well as music and It should be set between the left and right

A subwoofer is designed to reproduce

ded with this unit are magnetically

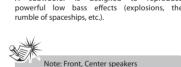
shielded to protect your TV set. It is not

recommended to place the surround speakers and subwoofer near the TV set.

In surround mode, the center speaker carries

The surround speakers' overall sound balance should be as close as possible to the front speakers. Proper placement is vital to establish an evenly distributed sound field

3. Surround (Rear Speakers)

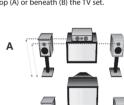


For best results, follow the speaker placement

# Align the center speaker evenly with (A) or lightly behind (B) (the left and right speakers), but not ahead of them.

Place the left and right speakers to form a

The three front speakers should be as close as possible to the same height. This often requires placing the center speaker directly



Basic playback operations

Variable slow motion Press SLOW button on the remote in play mode.

speed of slow-motion playback changes in the following sequence: SF 1/2→SF 1/3→ SF 1/4→ SF 1/5

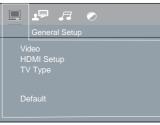
#### While the disc is playing, press the CH+/-button to go immediately to the next or previous chapter, or to the next or

previous track.

1. While a disc is playing, press ZOOM until you reach the zoom size you want. The ZOOM button toggles through 2x, 3x, 4x and then zooms out to 1/2x, 1/3x and 1/4x,

· 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 menu.

TT 1/10 CH 1/16 ② 00:13:07 Setup menu — Press SETUP to access this menu.



# When you press STOP, the unit stores the point where playback was interrupted. If you press PLAY again, 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 STOP mode for more than 5 minutes

#### user interaction, the unit switches off automatically.

select an icon

DVD Info Display

The Info Menu 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 4. Use the right/left arrow buttons on the remote to



5. Use the up/down buttons to scroll through the options

TT 1/10 CH 1/16 ② 00:13:07 ))1/3ENG □□5.1CH □1/2 ENG □10FF PLAYMODE BOOKMARK SLEEP

Sleep time

CD Info Display Time display Play mode

PLAYMODE BOOKMARK

on the apparatus.

WARNING reduce the risk of fire or electric shock, do

# CLASS 1 LASER PRODUCT APPAREIL À LASER DE CLASSE PRODUCTO LASER DE CLASE 1

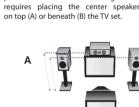
### The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for electrician for replacement of the obsolete outlet.

- where they exit from the apparatus · Use only with the 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 cart/apparatus combination to avoid injury from tip-over.
- or when unused for long periods of time.





45-degree angle with your favorite viewing position to duplicate the soundtrack mixer's perspective.



2. Each time the SLOW button is pressed, the

PLAY ← SF 1/7 ← SF 1/6 3. Press PLAY to resume normal playback. Changing chapter/track

2. Move from one area to another (pan) using the arrow buttons. 3. To turn ZOOM off, press ZOOM unitil you get to the ZOOM OFF option.

Types of menus

then returns to normal playback.

• 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.

