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

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

at the same time.

B. Any battery may leak electrolyte or explode

to charge a battery not intended to

if disposed of in fire or an attempt is made

be recharged. C. Discard leaky batteries immediately. Leaking

personal injury. When discarding batteries, be sure to dispose of them in the proper manner, according to your state/provincial

One external AM

loop antenna

should be placed on the apparatus.

tray is empty.

(front Left speaker

Channel balance

for each channel.

level expectation

playing a disc.

the disc tray.

- 9 -

Moving the unit from a cold place to a

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,

warm one can cause condensation on some

condensation disappear on its own before

Before moving the unit, make sure the disc

components inside the unit. Let

To adjust each speaker volume level for optimun

1) Press the LEVEL button on the remote control to select FL

(2) Press the VOL+/VOL- buttons to adjust the value up or down

(3) Repeat step (1) and (2) for the other speakers FR. SL. SR. CT. SW.

Speaker gains may be set to levels of up to +10,

actual maximum levels may also depend on your

Test tone/Channel balance

Your receiver is equipped with a test signal

generator to help you balance the audio level

See Audio Setup under The Setup Menu section

for more details on how to access this feature.

Even though you may adjust the surround channels to be as loud as the others on the test signal, you might find that

surround channels seems guieter for actual TV and Movie

content. This is because producers use surround for subtle

atmospherics and ambience, and only rarely for special effects.

Adjusts the Switches the

Level adjustment and surround cha

Speakers

batteries can cause skin burns or other

D. Battery shall not be exposed to excessive

heat such as sunshine, fire or the like

and local regulations.

incorrectly, or if all batteries are not replaced

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

product for ventilation. Do not place product

in or on a bed, rug, in a bookcase or cabinet

the apparatus. Always leave sufficient space around the

· Do not place lighted candles, cigarettes,

Connect power cord only to AC power source as marked on the product.

· Care should be taken so that objects do not

Do not attempt to disassemble the cabinet This product does not contain customer

Connections and Setup

Accessories provided

•

Things to consider before you

· 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

If possible, place surround speakers to either side

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

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,

(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 such

Overview of Controls: Front panel controls

AUDIO IN jacks

connects audio

Toggles between differnt subwoofer

output levels (among soft/balanced/ strong/powerful).

rather than come from behind you.

No adiacent walls

such as on end tables (B).

install rear speakers 2-3 ft. al

Connections and Setup

Better surround placement

of the listening area, not behind it.

Left and right

front speakers

Video Cable

cigars, etc. on the product.

fall into the product.

. . . .

Remote control and

One Pig-Tail

connect

Height

2 AAA batteries

serviceable components

RTD315W

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 radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications

FCC Information

cause undesired operation.

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

received, including interference that may

device must accept any interference

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
- · 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. See diagram.

ou must adequately ventilate the product.

Make sure there is adequate space around

the unit to provide proper air flow for

) cm



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

For your safety

Ventilation

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

If it still won't fit, contact a qualified electrician to 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

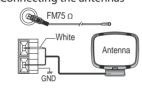
Note:

- 2 -

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 DVD player is Region 1.

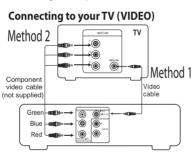
Connections and Setup

- 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



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

- Uncoil the AM Antenna wire.
- 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

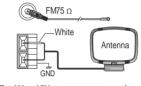


Method 1

- omposite 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 receive to the IN jack on your TV so the video content goes from the receiver to the

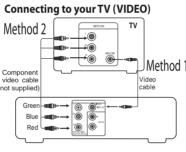
Method 2

Connecting the antennas

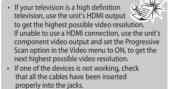


AM Loop Antenna

2. Press down on the Antennas tab to open



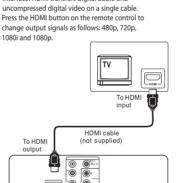
- Component video jacks (Pr, Pb, Y) The component video jacks are color-coded green, blue and red.
- Additional component video cables (not supplied) are required to provide best picture uality. They are usually color-coded green, blue and red.
- · Connect the component video OUT jacks on the receiver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



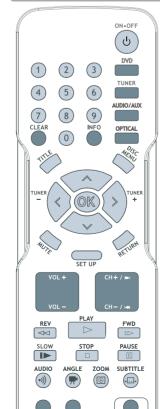
If your component has only one input for audio (mono), connect it to the left (white L/Mono) audio jack on the TV and don't connect the right audio part of the cable.

Connecting to your TV (via HDMI

input) HDMI stands for High Definition Multimedia Interface. HDMI transfers digital audio and



Overview of Controls



RСЛ

Remote functions in DVD/CD mode

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

NER – Selects the TUNER and selects between FM/AM

AUDIO/AUX – Selects and toggles between the FRONT AUDIO IN mode

and REAR AUX IN mode (for listening to audio input from nected TV, VCR or Set Top Box OPTICAL – Selects OPTICAL IN at rear for digital audio connection. 0-9 - Number entry.

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

 \wedge V < > – 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

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

SUBWOOFER - Selects among subwoofer output

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

levels (soft/balance/strong/powerful) Download from Www.Somanuals.com. All Manuals Search And Download.

CAUTION

SK OF ELECTRIC SH Do not open

WARNING:SHOCK HAZARD-DO NOT OPEN AVIS:RISQUE DE CHOC ÉLECTRIQUENE PAS OUVRIR

DO NOT EXPOSE TO RAIN OR MOISTURE NE PAS EXPOSER À LA PLUIE NI À L HUMIDITÉ

THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.

THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.

- 3 -

Service information

FCC 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

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 ncorporates 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 Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly

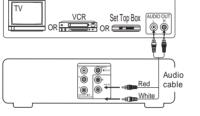
Connections and Setup

· 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 IN Connect the ALIX IN jacks on rear of the unit to the ALIDIO

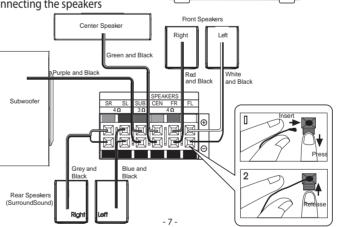
OUT jacks on VCR, TV, Set Top Box or other component.
Press either SOURCE on the main unit or AUDIO/AUX on the remote control to toggle select AUX IN mode.



Using AUDIO IN jacks

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

Connecting the speakers



 $RANDOM-Turns\ on/off\ random\ playback\ on\ CD\ disc.$

REPEAT – Accesses the repeat function.

level settings. Adjusts the value using VOL +/-

In DVD mode, press the button to select between Dolby Digital 5.1CHANNEL and STEREO modes (Dolby Pro Logic is available if the input is Dolby 2ch). In the AUX IN/ AUDIO IN mode (analog input), press the button to select between 5.1CHANN and STEREO modes. (Refer to details on een 5 1CHANNEL "Sound Enhancement Systems")

Remote control functions in tuner mode

TUNER - Selects the TUNER and switch between VOL+/- - Adjusts the sound volume

MUTE - Mutes and Restores the sound.

that is highlighted.

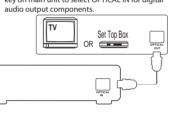
Insert 2 "AAA"("UM-4"/"R03")

Ø3.5mm to Ø3.5mm audio cables (not included)

To listen to the audio input from the connected component, press SOURCE on the main unit or AUDIO / AUX on the remote control to toggle to

Suggest using Ø3.5mm 10 AUDIO IN jack for mp3 player and rear AUX IN jacks for equipment such as a TV, VCR, Satellite or Cable Box.

Dolby Digital (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 key on remote control or SOURCE key on main unit to select OPTICAL IN for digital



Playing Discs - Basic Functions

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

Your unit has been designed to process

regional management information stored on

is 1. Discs that have a different regionnal code

DVD discs. The regional code for your unit

Operating the DVD receiver

2. Press ON•OFF on the remote or ON/

STANDBY located on the unit's front

panel. Press DVD on the remote control

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

2. Place a disc onto the disc tray with the

3. Press ≜ again to close the disc tray.

witch the unit and the TV set on.

option to begin playback

2. Press STOP to stop playback

Accelerated play

normal playback

Frame advance

1. After loading a disc, playback starts

While the disc is playing, press REV. or

and direction of the accelerated play.

Press PLAY to resume normal playback.

for freeze frame. Press PLAY to resume

FWD one or more times to vary the speed

While the disc is playing, press PAUSE once

1. 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.

automatically, or the disc menu appears

If the disc menu appears, select the Play

Compatible discs

Compatible formats

Regional coding

1. Turn on your television set.

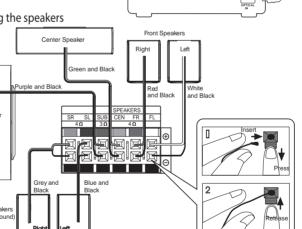
Loading disc

Playback

· CD, CD-R, CD-RW

DVD, JPEG

CD



Overview of Controls

- Toggles channels for different channel LEVEL

SURROUND - Changes the Surround sound setting.

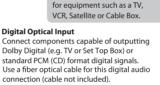
TUNER +/- - Tunes down and up the radio frequencies MEMORY - Stores a station

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

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



sound effects.

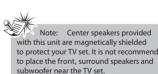
1. Left, Right (Front Speakers) Front speakers carry primarily music and

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 speakers 3. Surround (Rear Speakers)

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.

4. Subwoofer subwoofer is designed to reproduc powerful low bass effects (explosions, the rumble of spaceships, etc.).



Basic playback operations

Variable slow motion

. Press SLOW button on the remote in play mode. 2. Each time the SLOW button is pressed, the

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

3. Press PLAY to resume normal playback.

then returns to normal playback.

3. To turn ZOOM off, press ZOOM unitil you get to the ZOOM OFF option.

Types of menus · Disc menu — The appearance and

contents of this menu varies according to the type of disc you have inserted. It is

 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. TT 1/10 CH 1/16 ① 00:13:07

this menu.

is Class B digital apparatus complie th Canadian ICES-003. et appareil numérique de la classe B est onforme à la norme NMB-003

This product utilizes a laser, Use of

controls or adjustments or perform of procedures other than those

To reduce the risk of fire or electric

on the apparatus.

hazardous radiation exposure. Do not

open covers and do not repair yourself Refer servicing to qualified personnel.

shock, do not expose this product to rain or moisture. No objects filled with

liquids, such as vases, should be placed

specified herein may result in

WARNING

CAUTION

reduce the risk of fire or electric shock, do not expose this product to rain or moisture. N objects filled with liquids, such a vases, should be ced on the apparatus

Do not defeat the safety purpose of the polarized or

grounding-type plug. A polarized plug has two blades

Important Safety Instructions

CLASS 1 LASER PRODUCT APPAREIL À LASER DE CLASSE

PRODUCTO LASER DE CLASE 1

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.

Important Information

Important battery information

Do not mix different types of batteries or

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

the batteries.
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.

new and old batteries. Do not use rechargeable batteries.
In order to avoid any risk of explosion

Read these instructions

Do not block any ventilation openings

specified by the manufacture

- Keep these instructionsHeed all warnings.
- Follow all instructions Do not use this apparatus near water
- 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 Only use attachments/accessor



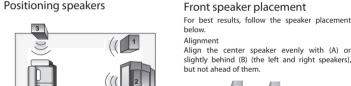
- with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for electrician for replacement of the obsolete outlet. Protect the power cord from being walked on or pinched particularly at plugs,
- convenience receptacles, and the point 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.
- Unplug this apparatus during lightning storms or 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 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

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.

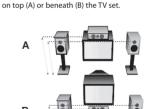
Note: When connecting the speakers, make sure the polarities ("+" speaker wire to "+" on the receiver. or example, red wire to red terminal on the receiver) of speaker wires and terminals match. If the cords are reverse the sound will be distorted. Do not let the speaker wires touch each other, it will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

Speaker wires are color-coded to match the terminals. Connect the speaker wire from the back of



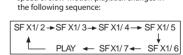
Place the left and right speakers to form a 45-degree angle with your favorite viewing

position to duplicate the soundtrack mixer's The three front speakers should be as close as possible to the same height. This often requires placing the center speaker directly



Changing chapter/track

speed of slow-motion playback changes in



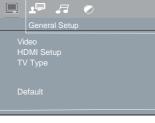
1. While a disc is playing, press ZOOM until you reach the zoom size you want. The ZOOM button toggles through x2, x3, x4 and then zooms out to x1/2, x1/3 and x1/4,

2. Move from one area to another (pan)

using the arrow buttons.

separate from the Setup menu.

Setup menu — Press SETUP to access



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

automatically. 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.

user interaction, the unit switches off

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

INVALID KEY will be displayed if the function you

Time display Play mode

))1/3ENG □□5.1CH □1/2 ENG □10FF PLAYMODE BOOKMARK SLEEP

TT 1/10 CH 1/16 ② 00:13:07

DVD Info Display

- 12 -

PLAYMODE S BOOKMARK



Time display

JPEG Files

6. During the slide show you can use the

up arrow button to rotate the image

vertically, the down arrow button to

left/right button to rotate the picture, the

rotate the image horizontally. Use the ZOOM button to magnify the picture. Use

the CH- button to go back to the previous

picture or the CH+ button to go to the

interrupt the slide show and display the

next one, and the STOP button to

7. When the unit has played all the files, the

are displayed again.

8. Press STOP to end playback

slide show stops and the disc's contents

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

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

Additional Information

In order to ensure playback, discs must

standards. This unit may not play some

recordings or files due to differences in recording formats, software used and

Digital video discs - 12 cm, single or

DVDs are high density optical discs on

which high quality picture and audio

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

are recorded by means of digital signals.

DVD+RW discs (rewritable), depending

Recordings using DVD-R and DVD-RW

discs must be made in Video DVD

Most CD-R (one recording only) and

CD-Rs written during a multisession

(depending on the write software)

recording can be played, provided that the

session has ended before the disc is played

Most DVD-R and DVD+R (one recording only), DVD-RW and

mode. Recordings using DVD+RW discs must for DVD+RW discs with a 4.7 GB capacity.

double sided, single or dual layer

Compatible Formats

with DVD or CD

disc types

DVD-Video

Audio CDs (12 cm).

CD-RW discs (rewritable).

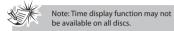
CD-R, CD-RW

another disc.

To access the Time Display, press INFO on the remote. Press the up/down buttons repeatedly to display: DVD: Chapter Time Elapsed, Chapter Time Remain, Title Time Elapsed and Title

Audio CD: Track Time Elapsed, Track Time Remain, Disc Time Elapsed, Disc

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



Audio (DVD)

Some discs have several audio tracks used for different languages or different audio formats.

To change the language or audio format during playback:

. Press the INFO button twice. 2. Use the left/right arrow buttons to select the Audio icon, or press the AUDIO button on the remote control.

3. Choose a language or an audio format with the

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 Languages menu.

This function may not be available

The Setup Menu

Setup and Video Setup.

General Setup

There are four options in the main setup

menu: General Setup, Language Setup, Audio

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

Progressive Function provides high quality

Progressive Scan if you used the Component Video jacks of the unit to connect a TV or

Select P-Scan YPbPr and press OK to activate

This lets you select the resolution of the

player's output according to the connected

Supported HD JPEG mode: 480p, 720p,

Depending on the format of the DVD disc,

you can choose the picture format (aspect ratio) best suited to the format of your

4:3 PS: reproduces a 4:3 picture without distortion

bands at the top and bottom of the screen)

4:3 LB: gives best reproduction of pictures recorded in this format (i.e. with horizontal

• 16:9 (widescreen): reproduces 16:9 format

However, depending on the condition of the

CD-writer, 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 recognize the

If the disc is not recognized after a period of

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.

Use reliable, good-quality CD write

Close all other applications on the

computer to ensure reliable CD-R

disc recording.

- 21 -

disc before starting to play.

pictures with less flickering.

monitor compatible with a progressive

scan signal.

Progressive Scan.

1080i and 1080p.

HDMI Setup

TV Type

or in 16:9.

- 17 - films in full on a 16x9 screen.

right. Press SETUP if you want to exit setup.

- 13 -

Camera angle (DVD)

The Info Menu

Some discs offer different camera angles for specific scenes.

 To change the camera angle, press the
 ANGLE button on the remote or press the INFO button twice and select the Camera

angle icon with the left/right buttons. 2. Choose the angle with the up/down

If the disc was recorded using a single camera angle, this function is not available.

Play mode (all discs except JPEG)

- 1. While the disc is playing, press the INFO button twice for CD and three times
- 2. Select the Play Mode icon using the left/ right arrow buttons.
- 3. Use the up/down arrow buttons to select
- 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 entering the two points.
- 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 choose the Standard option

The Setup Menu

IMPORTANT!

Language Setup

2

Player Menu

Audio icon

JPEG files

less than 400.

should be less than 650.

arrow buttons and press OK.

This option allows you to return the unit's

settings to the original factory settings. Any

changes you have made to the unit's settings

will be reverted back to the original settings

Once Progressive Scan has been activated, an

mage 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 no color

With this menu, you can set the language for unit menus, dialog, subtitles and the disc

If you chose "English" during initial set-up, any menus generated by the disc are in

English, and so is the language of the dialogs (if this language is available on the disc).

Select the Language Setup icon in the main menu using the left/right

2. Select one of the options using the up/

3. Press the right arrow button to move to the

4. Use the up/down arrow buttons to highlight

Select the language of player menus and press

Select the dialog language using up/down

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

the left/right arrow buttons to highlight the

Press the up/down arrow buttons or AUDIO

Certain JPEG files, including progressive JPEG files

When composing your title, use 10 characters or

or less, no spaces, and avoid the use of special

The total number of files on a disc should be

The total number of files and folders on the disc

Files without the ".ipg" extension will not be able

to be read by the unit -- even though the files are

Make sure that files have the ".jpg" extension.

shown as JPEG images on your computer.

characters including (. , / , $\$, =, +).

Additional Information

CD-R and CD-RW with JPEG files.

cannot be read by this unit.

on the remote control to select audio language. - 18 -

the language of your choice and press OK

The Info Menu

To stop program play, press STOP or select Standard from the Play Mode option in the

If you want to cancel the list, repeat steps 1

- 1. Press INFO twice for CD and three times for DVD. Select Sleep icon with the
- left/right arrow buttons



This option plays the first ten seconds of

- each track on a CD.

 1. Press the INFO button twice, then select the Playmode icon with the left/right
- 2. Press the up/down arrow buttons to select the INTRO option and press OK to start
- 3. Press STOP to stop Introscan, and press
- 1. Press INFO twice for CD and three times for DVD. Select the Bookmark icor with the left/right buttons, and press OK.
- 4. To delete a bookmark, highlight it and



The Setup Menu

Night Mode

Channel Delay

the front speakers.

Center Delay

• Rear Delay

default distance.

Video Setup

the distance

Test Tone

available with discs whose elapsed time or remaining time appears in

You can use this function to control the

different sound levels via dynamic compression.

improves the quality of the sound track at a

low volume, and guiets the loudest sounds. You can

Basic settings have been preset for the speakers included with your unit. However, to

suit the acoustic conditions in 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 center or surround speakers

that are closer to the listening position than

1. Highlight a distance option using the up/

3. Press the up/down arrow buttons to adjust

This function is used to test and adjust the volume

level (gain) for each individual speaker channel.

Use Λ/V to select the speaker channel you

Press OK button to exit this function.

using the left/right arrow buttons.

arrow buttons and press OK.

wish to test and adjust. You'll hear a test tone

come from the speaker you select. Use the VOL

button to adjust the level to your desired setting.

1. Select the Video icon in the main menu

2. Select a menu option using the up/down

choose between Quiet, Moderate or Off.

numeric buttons. Additional Information

Troubleshooting

- 15 -

- 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 unit

The device switches off spontaneously

- The deivces switches off automatically when it is in STOP mode for more than 30 minutes without any user intervention Switch it on again.
 It might be impossible to read the disc.
- Insert the disc with the printed side
- Check that the disc can actually be played
- Check that the disc's regional code matches the unit's regional code. This
- Clean the disc.
- There is no picture.

- Select the AV input assigned to the unit on the TV.
- Press HDMI key on remote handset several
- times to toggle among different HD OUTPUT.
- The picture is of poor quality (with snow

· Check the connections

- poor quality.Check the connections
- Make sure the speakers are connected. Make sure the MUTE function is not on.

Check the speaker configuration in the Setup menu (See Positioning speaker or Audio Setup).

Additional Information

Technical Specifications:

Amplifier Section:

RMS Output Power: Dolby Digital Mode with 10% Total Harmonic Distortion Rear Channels: 40 Watts/channel (1kH, 4Ω) Front and Center Channel: 40 Watts per channel (1kHz, 4Ω) Subwoofer Channel: 50 Watts (100Hz, 3Ω)

Total RMS Output Power, Dolby Digital mode: 250 Watts Muting Attenuation: 70 dB

Frequency Response: 200Hz – 20KHz/3dB,

20Hz - 200Hz/-3dB, 100Hz ref.

Subwoofer Frequency Respons Signal to Noise Ratio: 70 dB (Dolby Digital)

1KHz ref.

IF Rejection: 70dB Dimensions (H x W x D mm):

Unit: 66 x 430 x 240 Front Speakers: 110 x 81 x 90 Center Speaker: 82 x 185 x 92 Rear Speakers: 110 x 81 x 90 Subwoofer: 310 x 155 x 291

Limited Warranty (U.S.)

AVC MULTIMEDIA("AVC") makes the following limited warranty. This limited warranty extend to the original consumer purchaser and is limited to non-commercial use of the product.

workmanship for a period of one year from the date of their original retail purchase. If the unit fails to conform to this warranty, we will service the product using new or refurbished parts and products, at AVC'ssole discretion During a period of one year from the effective warranty date. AVC will provide when needed

period of one year from the effective warranty date, MVC will provide, when neede bor to repair a manufacturing defect at its designated Service Center. To obtain warranty the Untied States, you must first call our Customer Support Center at 1-800-506-5746 or 1-877-252-6873, during the hours listed in the box on the right. The determination of service will be made by AVC Customer Support. PLEASE DONOT 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 effective warranty date. Such replacement parts or products are warranted for an additional one year from the date of repair or replacement. The Customer will be required to ship the unit to the Service Center indicated at the time Customer Support is contacted to make the necessary repairs. The customer is responsible for all transportation charges to the service facility.

Packaging and Shipping Instruction

packing material or an equivalent as designated by AVC

When you manually tune into a weak FM station, press AUDIO on remote

control to switch from Stereo to Mono

If there is any interference, change the

electronic devices could be the cause

of interference, so try to position the

nna for better reception and a

antenna's position until ideal sound reception is obtained. TV and other

mode. This will reduce the

background noise.

antenna away from the

more efficient search.

A weak signal can affect the

"Automatic preset programming function's efficiency. Adjust the

Tips

Radio

- When a strong FM stereo broadcast is tuned, ST is displayed.
- the speakers.

AUDIO IN/ AUX IN

Connecting auxiliary components Refer to "Connecting to external audio

sources " for details on connecting the

auxiliary components to the unit.

TV, VCR or Set Top Box can be connected to AUX

the front panel so that sound from the auxiliary

component comes into the unit and out through

input jacks at the back of the unit or AUDIO IN at

Selecting AUDIO IN/AUX IN mode

Press either SOURCE on the main unit or AUDIO/AUX on the remote control to select AUX IN or AUDIO IN mode Sound output in AUX-IN mode

(or AUDIO IN mode)

not receive audio on all speakers.

- up and close the disc tray. The folders on the disc will be listed in numerical order on the left side of the
- 3. Select a folder using the up/down arrow
- the up/down arrow buttons to select a file. Press OK or PLAY to start playback. 5. The unit starts the slide show with the JPEG file you have selected, then displays

4. Press the up arrow button to move to the

file list on the right side of the screen. Use

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 General Setup Menu.

Additional Information

Lean't find my file in the file listing. · Make sure the filename is valid

- · Check that batteries are inserted or
- change them. · Aim the remote control at the unit. The
- infrared 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.
- The subtitles do not appear · Check that the DVD disc provides subtitles
- Refer to the section on how to display subtitles.
- The disc menu language is not the
- · The disc menu language has not been set
- The language of your choice is not
- 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 obstructed.
- · During thunderstorms, we recommend that you isolate the unit from the
- electrical supply so that it is not damaged by electrical or electromagnetic surges.
- · This unit is designed for continuous use 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 remain connected to the electrical supply.
- 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

- - Do not use aerosol cleaners, benzene, anti-static 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

interference during playback.

motions, which could cause scratches and

Limited Warranty

Your Responsibility

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

Out of Warranty

In the event your product requires repair after the limited warranty period has expired, please contact our Customer Support Center at 1-800-506-5746, 1-877-252-6873 or www.RCAav.com Hours: Monday-Thursday: 9am-7pm, Friday: 9am-5pm,

Saturday: 9am-NOON Eastern time Important: You are responsible for any transportation, shipping or insurance relative to the return of product to our Product Returns Center.

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, guarantees, agreements and similar obligations of manufacturer or seller with respect to the repair or replacement of any parts. In no event shall AVC be liable for consequential or incidental damages. No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of the change of the chan

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

an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.

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INFO display.

and 2 to select CLEAR and press OK.

Sleep

Creating a Program List for

CDs and DVD discs)

create a program list.

Program Play Mode (Audio

To use program play mode, you must first

. To create a program list, press the INFO

2. Press OK, The Program screen is displayed.

3. The first spot in the list is highlighted. Use

enter a track number. As for DVD discs: T stands for Title while C stands for Chapter.

the number buttons on the remote to

As for Audio CDs: T stands for Track.

4. Use the arrow buttons to move to the

5. Continue entering tracks until you have

6. Highlight the Play option at the bottom of

the screen and press OK or press PLAY to start playback. The program list will play

Select the subtitle language using up/down

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

To change the language of the disc menus,

select the language using the up/down arrow

The language you select will only be displayed

If the selected language is not available on

a disc, the disc's language will be used

If the language chosen is available, it is

display the subtitles or press SUBTITLE on the remote control. Otherwise, the

subtitle language indicated on the disc

You can adapt your unit to other equipment

and access specific functions with the Audio

1. Select the Audio Setup icon in the main

2. Select an option using the up/down arrow

Sound Enhancement Systems

This receiver is equipped with several built-in

Manufactured under license

"Dolby", "Pro Logic", and the

from Dolby Laboratories

double-D symbol are

trademarks of Dolby

Laboratories

The Pro Logic mode uses the built-in circuit to

play both stereo and Dolby Pro Logic program

You can use this mode with any stereo program

source (such as VCR/TV) to enjoy multi-channel

The Dolby Digital mode lets you enjoy full

the Dolby Digital format. Dolby Digital

provides better sound quality and a more

digital surround from software processed in

powerful presence than conventional Dolby

four channels (Front Left, Front Right, Centre

and Rear) are used, the new system provides

stereo separation of the rear speakers (Rear-

sounds (counted as 0.1 channel) results in 5.1

channels (or 6 Channels) that bring you the most sophisticated Dolby Digital sound

Surround, This unit is equipped with Dolby

Digital 5.1-channel so that you can enjoy

enhanced full digital surround sound.

Different from Dolby Pro Logic in that only

Right, Rear-Left). Adding the to the 5

channels the subwoofer channel for bass

steer the Left, Center, Right and Mono Surround

channel audio signals and uses all five speakers to

sound enhancement systems.

DOLBY.

Dolby Prologic

source, such as TV and VCR.

buttons. Press the right arrow to move to

automatically selected when you

if the disc is programmed with that language.

in the order you programmed it.

next spot in the list. Enter the next

completed your list.

Subtitles

Disc Menu

buttons and press OK.

Audio Setup

arrow buttons.

menu using the left/right

the option's choices.

A

arrow buttons and press OK.

remote to select a subtitle language.

button twice for CD and three times for DVD

Highlight the Play Mode option and press the up arrow to select the Program option.

the OK button: Off, 30, 60, 90 or 120 minutes.

Note: This function is not available

Introscan (CD)

IntroScan.

Bookmark (DVD and audio CD)

- A menu is displayed with five bookmarks.

 2. The first bookmark space is highlighted.
- Press OK to set the bookmark. The book mark 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
- press CLEAR
- Note: This function is only available with the

Retrieving preset stations 1. Press TUNER to enter the Tuner mode. 2. Press CH +/- to search up or down for the preset stations or directly press the

Manual preset

tuning" for details).

Radio

The unit has a built-in tuner that allows for

1. Connect the FM antenna and the AM loop

antenna at the back of the unit. Rotate the AM loop for better reception.

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

one second to activate the automatic

automatically tune frequencies until it

4. Repeat step 3 to tune to another

Storing radio stations

5. Press TUNER to toggle between FM $\,$

The unit can store up to 30 radio stations in

station yourself or the unit can store all

available radio stations automatically in

1. Press TUNER to enter the Tuner mode

start automatic preset programming.

3. Radio frequencies will be browsed and

auto preset programming function

1. Tune to a radio station (see "Manual

then press MEMORY to store it.

Press MEMORY. While the Program Preset number is still flashing, input your desired

preset number using the numeric buttons

its memory. You can enter every single radio

Automatic preset programming

2. Press and hold TUNER for two seconds to

radio stations stored automatically. When

all the available radio stations are stored or all 30 memory locations are full, the

search function. In this mode the unit will

FM radio function. The AM loop antenna

allows for AM radio function.

Manual tuning

2. Press TUNER.

finds a station

radio station.

ascending order.

and AM.

- facing up.
- by this device.
- unit's regional code is 1.
- Check you have switched on the TV set.Check the connections
- Replace the HDMI cable with a better one Bad HDMI cable can cause data lost.
- There is no sound or the sound is of
- No surround sound.
- 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

AM Tuner Section:

Signal to Noise: 38dB

IF Rejection: 35dB FM Tuner Section: Frequency Response: 15kHz +/-3dB, 1kHz ref. Quietina: 24dB Signal to Noise: 62dB(stereo) / 65dB(mono)

Usable Sensitivity: 3000uV/m @ S/N 20dB

oonse: 2kHz +/-3dB, 400Hz ref.

One Year Parts & Labor Warranty AVC products purchased in the United States are warranted to be free from defects in materials or

When you send the product to the AVC service facility you must use the original carton box and

You may change the surround setting by pressing SURROUND to select between 5.1CHANNEL and

If the AUX IN (or AUDIO IN) audio signal is mono, you may

JPEG Files

Playing JPEG files

JPEG files are image files. Make sure that they have a resolution of less than 2 megapixels.

- 1. Open the disc tray.
- 2. Place the disc with the printed side facing screen. When you highlight a folder, then press OK button. The list of songs or pictures in the folder are listed in numerical

order on the right side of the screen.

- buttons on the remote, then press the left arrow button to move to the picture icons at the bottom of the screen. Use the left/right arrow buttons to select picture mode.

- 16 -

• This unit is for domestic use only and must not be used for industrial purposes The remote control does not work or Total or partial copying of recordings

Copying or downloading music files for sale or any other business purpose constitutes or could constitute a violation

of copyright law. · Use a soft, dry, clean cloth. Regularly dust the vents at the back or sides.

protected by copyright legislation, without

the explicit permission of the holder of

the rights, contravenes current legislation

products risks damaging the unit. · If an object or liquid enters inside the unit, unplug it immediately and have it

Using solvents, abrasive or alcohol-based

checked by an authorized servicer or service center. Handling and caring for discs

· Insert the disc with the label facing up (for

Use a soft cloth to clean discs if necessary

- · Handle your discs with care. Hold the disc with your fingers at the edges or through
- a single-sided disc). · Place the disc properly into the tray in the allotted holder.
- 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 play cracked, chipped or warped discs nor try to repair them with adhesive tape or glue.

Do not write on a disc.

· Do not move the unit when a disc is being played. · Do not scratch discs or store them in places exposed to direct sunlight, high humidity or high temperatures.

or exposed to laser radiation.

1) You must retain the original sale receipt to provide proof of purchase.

All warranties implied by state law, including the implied warranties of merchantability and fitness for a particular purpose, are expressly limited to the duration of the limited warranties set forth above

This warranty gives you specific legal rights and you may also have other rights, which may vary, from state to state. Some states do not allow limitation on how long an implied warranty lasts, wher

For more information on other products and services, please visit our web site at Important: Also keep your "Bill of Sale" as proof of purchase.

FOR SERVICE AND REPAIR, PLEASE VISIT www.RCAav.com Specifications and external appearance are subject to change without notice.

2. Press the right arrow button to move to the

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Auto manuals search

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TV manuals search

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