SETUP AND CONNECTIONS,

CONNECTING TO OPTIONAL EQUIPMENT (AMPLIFIER) B. DIGITAL CONNECTION (preferred)

Using a coaxial digital audio cable (not included), connect the DIGITAL COAXIAL OUT jack on

your unit to the DIGITAL AUDIO IN jack on your

Audio equipment with

digital audio input jack

 \bigcirc

DIGITAL AUDIO IN

A. ANALOG CONNECTION Using an audio/video cable (included), connect the left/right AUDIO OUT jack on your unit to





HDMI OUT VIDEO OUT 0 0 \square \square

- When you connect the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections. If the external equipment is television and this audio system is close to it, you may experience
- the interference if the tuner function is selected while the television is working.
- · Refer to the instruction manual of the connected equipment as well. PLAYING A DISC

FLATING	
This user manual explains the basic instructions for operating this unit. Some DVDs are produced in a manner that allows specific or limited operation during playback. Therefore, this unit may not respond to all operating commands. THIS IS NOT A DEFECT. Please refer to the	instructions accompanying the specific DVD in question for more information about the options available on that DVD. and a prear on the screen during operation. It means that the desired operation is not permitted by the unit or disc.

Playing a Disc 1. Press the () STANDBY / ON button to turn on the unit.

- See CUSTOMIZING THE FUNCTION SETTINGS before proceeding to step 2.
- Press the OPEN/CLOSE button to open the disc trav
- 3. Place a disc onto the disc tray with the label side up.
- 4. Press the OPEN/CLOSE button to close the disc tray. It takes a short while for your unit to load the
- disc. After loading, for most DVDs, the unit will automatically take you main menu or start playing. 5. If the unit does not automatically start playing the DVD, press the PLAY button.

Pausing Playback (Still Mode)

Press the **II PAUSE** button on the remote. To resume normal playback, press the **PLAY** button. Frame Advance

Each time you press STEP button, the picture advances one frame. Press PLAY to resume normal playback - 9 -

REPEAT PLAYBACK

selection

Notes

To resume normal playback

displays on the screen

current title or track.

recorded.

To resume normal playback Press the **REPEAT DISC** button until the Repeat off indicator displays on the screen.

Repeating a specific section DVD 1. While the disc is playing, press the REPEAT A-B

is displayed) you want to play repeatedly

2. Press the REPEAT A-B button again at the

end of the section (Rep A-B is displayed).

4. While the disc is playing, press the $\ensuremath{\mathsf{REPEAT}}$

Some discs may not permit A-B repeat

operation. A-B repeat can only be used within the same title.

If the start and end of the section to be repeated

You can specify a segment only within the

The A-B repeat function does not operate in

scenes where different camera angles are

DVD

► Play

Clear All

Chapter

Memory

are in different titles, A-B repeat is cancelled.

A-B button until the RepAB off indicator

3. The unit will immediately begin replaying your

button at the beginning of the section (Rep A-

You can play a specific section repeatedly

- (Title repeat, chapter repeat, A-B repeat) Repeating a chapter OVD You can play the same chapter repeatedly
- 1. While the disc is playing, press the **REPEAT DISC** button until the Repeat Chapter

You can play a specific title or chapter repeatedly.

indicator displays on the screen. The current chapter is played repeatedly. Repeating a title

- You can play the same title repeatedly.
 While the disc is playing, press the REPEAT DISC button until the Repeat Title indicator displays on the screen. The current title is played repeatedly.
- To resume normal played repeatedly. To resume normal playback 3. While the disc is playing, press the **REPEAT DISC** button until the Repeat off indicator displays on the screen. You can play a single track and whole disc

repeatedly. Repeating a single track CCD

- You can play the same track repeatedly.
 While the disc is playing, press the **REPEAT DISC** button until the Repeat single indicator displays on the concertaint track in elunid concertainty. screen. The current track is played repeatedly.
- Repeating a whole disc While e the disc is playing, REPEAT DISC button until press the the
- Repeat Folder indicator displays on the screen. The whole disc is played repeatedly.

PROGRAMMABLE MEMORY

Playing Titles/Chapters in a Favorite Order

- You can combine your favorite titles/chapters and play them in the order you determine
- Press the **MEMORY** button and the following display appears. Select the items in the order you want by pressing the number buttons. Each time you press the Cursor buttons ($\mathbf{\nabla}, \mathbf{A}, \mathbf{A}, \mathbf{P}$), the Title Chapter
- Building and the second seco
- ΨΨ Press the Cursor buttons (♥, ▲, ◀, ♥) to move the highlighted bar to "Clear All", then press the OK button. All the input programs will be cleared.
 Press the ► PLAY button to resume normal playback. number

- Notes:
- If the title or chapter numbers you entered is not permitted by the DVD, after you press the OK button. it will restore to - - -. You should re-enter correct numbers. Some discs may not permit memory playback operation.
- If you select repeat during memory playback, the DVD player repeats the current memory playback.
 If you press the **MEMORY** button while the display appears on the TV screen, the display disappears.
 The programmed selections will be cleared when you open the disc tray or turn off the DVD player. - 13 -

PLAYING A DISC

Stopping Playback

- Press the STOP button at the location where you want to interrupt playback. To resume playback at the position where the disc was stopped, press the PLAY button. If you press the STOP button twice, the unit's memory will be cleared and pressing the
- PLAY button will reset the disc to the beginning.

Zooming into an image

- While a disc is playing, press the ZOOM button to enlarge the image in several levels. • While an image is zoomed, you can use the ▲, ▼, ◀ or ▶ CURSOR button to shift the view and
- display the part you want. To return to normal view, press the ZOOM button until the Q 1 → Q 2 → Q 3 → Q Off
- shows. The screen will return to normal. When you reach the edge of the image, the display will not shift anymore in that direction.

Skipping (Forward / Reverse)

- Press the HI PREV button to go back to current or previous chapters/tracks. Press the PINEXT button to advance chapters/tracks
- · For audio CDs, use the number buttons on the remote control to jump immediately to the desired track number

Fast Forward / Fast Reverse

1. Press the SEARCH >> or SEARCH << button when a disc is playing. Each time you press the SEARCH ▶ or SEARCH ← button, the playback speed changes in the following sequence:

- \rightarrow x2 \rightarrow \rightarrow x4 \rightarrow \rightarrow x8 \rightarrow x16

$44x2 \longrightarrow 44x4 \longrightarrow 44x8 \longrightarrow 44x16$

- Press the PLAY button when you reach the desired point to resume normal playback.
- Notes:
- · The unit mutes sound and subtitles during reverse and forward scan of DVDs. · The fast playback speed may differ depending on the disc.

Slow-motion Play

- 1. Press the SLOW button on the remote in play mode.
- · Each time the SLOW button is pressed, the speed of slow-motion playback changes in the following
- sequence: $| > 1/2 \rightarrow | > 1/4 \rightarrow | > 1/6 \rightarrow | > 1/8$
- 2. Press the PLAY button to return to normal playback speed.

Audio Selection

- On some DVDs, the sound is recorded in two or more formats. Follow the directions below to select the preferred language and sound system
- 1. While a disc is playing, press the AUDIO button to show the current audio format number. e.a. 2/4 00 D 2 Ch Eng

2. Press the AUDIO button repeatedly to select the desired audio format.

- Notes: If only one audio format is recorded on the DVD, the number does not change
- Some DVDs allow you to change audio selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate language on the disc menu. - 10 -

PLAY MODES FOR CD OR JPG DISC

When playing CD / JPG discs, you can modify the Play Modes through the Toolkit which appears on the screen. Press the ◀ / ▶ button to navigate between the windows and the ▲ / ▼ button to select files/ tracks or play mode items. Then press the OK button. 1. Press the Cursor buttons (▼, ▲ ↓) to select "Edit mode" then press the OK button. 2. Use the Cursor buttons (▼, ▲ ↓) to select tracks/files shown on the left hand side of the window. Press

- the **OK** button to confirm the selected tracks/files. " will appear in front of the selected tracks/files.
- Select "Add to program", then press the OK button. " the tracks/files you have selected are added into the "Program view"
- Select "Program view" to view programmed files. To add more files by "Browser view" follow the steps.
 Press the ▶ PLAY button to start the program playback.

The Toolkit has the following play mode items:

Repeat (Off / Track / All): Off: Besumes normal playback

"Clear program"

Language

Press the SETUP button.

change the Language.

1. Press the SETUP button

4 Press the **OK** button

5 Press the SETUP button to exit the menu

Press the **SETUP** button to exit the menu.

Press the OK button

Language

Subtitle

Notes:

- Track: Repeats the current track/file. All: Repeats all files on the current folder or all tracks on the disc.
- Mode (Normal / Shuffle / Music intro):
- Normal: Resumes normal playback.
- Shuffle: Plays back tracks/files in random order
- Music intro (for Audio CD only): Only plays back the first 10 seconds of all the tracks on the current folder/disc.

2 Press the button then the \blacktriangle / \checkmark button to select Subtitle

Press the **OK** button, then the \blacktriangle / \blacksquare button to shift and change the Language.

- Edit mode: Program operation works only when "Edit mode" is selected. Program view: To view tracks/files in the "Program view" list. It is disabled when the "Program view" list is empty.
- Add to program: Add files/tracks to the "Program view" list. It is disabled if the "Edit mode" is not selected Browser view: To view files/tracks in the original view list.

Clear program: Delete the files/tracks in the "Program view" list. Select a file/track or more you want to delete in complete stop mode (press the ■ STOP button twice). Use the Cursor buttons (♥, ▲, ◀, ▶) to select tracks/files you want to delete, a "✓" will appear beside the deleted file/track. Select "Clear program" and then press the OK button. It is disabled if the "Edit mode" is not selected. Note: The program will be deleted if the disc door is opened, or selected files are deleted by selecting

CUSTOMIZING THE FUNCTION SETTINGS

Some DVDs may be set to display subtitles in a different language other than the ones you selected.

A prior subtitle language may be programmed on the disc. Some DVDs allow you to change subtitle selections using the disc menu only. If this is the case, press

the MENU button and choose the appropriate subtitle language from the selection on the disc menu. - 11

LOCATING A DESIRED SECTION

Locating a specific chapter / track / title / time

If you know the chapter / track / title / time number you want to play, you can locate a specific chapter / track / title / time by directly selecting a chapter / track / title / time number

- 1. Press the GOTO button to search your desired chapter / track / title / time.
- 2. Press ▲, ▼, ◀ or ▶ button to highlight a chapter / track / title / time and press the corresponding number button(s) for the chapter / track / title / time you want.
- 3. Press the OK button to confirm. The unit will start playback about 3 seconds later. Notes :

PLAYING A DISC

You can select different audio channels (Stereo, Left, Right or Mix) on an Audio CD by pressing the

1. While a DVD is playing, press the SUBTITLE button to display the current language setting, as

2. Press the SUBTITLE button repeatedly to select the desired subtitle language. You can turn

subtitles off by pressing the SUBTITLE button repeatedly until the Off is displayed.

· Some DVDs are set to display subtitles automatically, and you cannot turn them off even if you set

During some scenes, the subtitles may not appear immediately after you select your desired scene.

This function can only be used for discs on which subtitles have been recorded in multiple languages.

MENU button and choose the appropriate subtitle on the disc menu

the same scene can be viewed from each of these different angles.

press the ANGLE button to view the number of current

1. While you are playing a DVD with different angles recorded,

2. Press the ANGLE button repeatedly to change the scene to

· After approx. two seconds, playback will continue from the

· If no button is pressed within 10 seconds, playback continues

While the disc is playing, press the DISPLAY button on e.g.

Press the button, then the \blacktriangle / \checkmark button to select Audio.

Press the button, then the \blacktriangle / \blacktriangledown button to select DVD Menu.

displays disc menus consistent with the disc's initial language setting.

3. Press the button, then the \blacktriangle/∇ button to select Aspect

4. Press the OK button, then the ▲ / ▼ button to shift and . Audio

Press the ▲ / ▼ button to select Video.
 Press the ▶ button, then the ▲ / ▼ button to select View Mode.

Press the **OK** button, then the \blacktriangle / \blacksquare button to shift and change the View Mode.

Automatically fit the decoded image on screen without distortion.

Note: Depending on the DVD, you may not be able to view the mode as selected.

Automatically display decoded image on full screen without distortion.

Press the D button, then the ▲ / V button to select HDMI Resolution.
 Press the OK button, then the ▲ / V button to select the options (Auto, 480p, 720p, 1080i or 1080p).

- 15

Press the SETUP button to exit the menu.

Press the SETUP button to exit the menu.

Press the A / V button to select Video.

Press the SETUP button to exit the menu.

Press the SETUP button to exit the menu.

Press the A / V button to select Video.

Height Fit Fit the screen height with image height

Fill the screen with decoded image

Fit the screen width with image width.

Display image as its original size.

may not conform to the picture size you select.

The number of subtitle languages recorded differs depending on the disc. If only one language is

Some DVDs allow you to change subtitles only via the disc menu. If this is the case, press the

Some DVDs contain scenes which have been shot from a number of different angles. For these discs,

· This function can only be used for discs on which scenes shot from multiple angles have been

- 11 -

CUSTOMIZING THE FUNCTION SETTINGS

Some DVDs may not be played in the language you selected. A prior language may be programmed

Press the OK button, then the ▲ / ▼ button until your preferred DVD Menu language is displayed.

Some DVDs may not include your pre-selected language. In this case, the DVD player automatically

The displayable picture size is preset on the DVD. Therefore, the playback picture of some DVDs

When you play DVDs recorded in the 4:3 picture size only, the playback picture always appears in

the 4:3 picture size regardless of the Aspect Ratio setting. Always be sure that your Aspect Ratio conforms to the actual TV in use if you connect the unit to a TV.

Language

Aspect Ratio

View Mode

HDMI Res

JPEG Interva

Press the OK button, then the ▲ / ▼ button until your preferred Audio is displayed.

[™]1 2/3

Sequence of angle shots

Elapsed time

B18

Remaining time

AUDIO button repeatedly.

the subtitle function to off.

recorded, the language does not change.

shown in the example

Subtitle Selection

..... 1/4 Eng

Angle Selection

angles available

Notes:

recorded.

Display Function

operation status

Audio

Note:

Note:

Video

Aspect Ratio

Ratio.

View Mode

Notes:

Fill

Original

Auto Fit

Pan Scan

HDMI Resolution

Press the SETUP button.

Languag

Subtitle

Audio

DVD Men

🔿 Audio

Misc

which is currently playing

Press the SETUP button.

Press the SETUP button.

Press the SETUP button

change the aspect ratio.

. Press the SETUP button.

Press the OK button.

5. Press the OK button.

Press the OK button

Press the OK button

on the disc

DVD Menu

the next recorded angle.

new angle you selected.

without changing the current angle.

chapter/title which is currently playing.

If only one angle is recorded, 21 1/1is displayed.

the remote control repeatedly to display information on

Elapsed Time: Elapsed time from the beginning of the

Remaining Time: Remaining time of the chapter/title

Notes:

- · Some discs may not respond to this process.
- · Some scenes may not be located as precisely as you specified. · This method for accessing specific locations is available only within the current title of the DVD disc

PLAYING PICTURE FILE DISC

This unit can display picture files recorded on CD-R and CD-RW discs

- Playing a Picture File Disc
- 1. Open the disc door.

5 Press the OK button

6. Press the SETUP button to exit the menu.

- 2. Place a picture file disc onto the tray with label side up. 3. Close the disc door.
- 4. The unit will load the disc and automatically display the contents of the disc on the screen, while playing the beginning of the first picture file. These files will then be played back one by one. If the unit does not automatically start playing, press the ▲ / ▼ CURSOR and OK button to select a picture file to
- 5. Now the picture slideshow begins with the selected picture. Notes
- You can press the **II PAUSE** button to interrupt playback and press the **PLAY** button to resume plavback
- During playback, press the ◀ / ▶ button repeatedly to rotate the picture. Press ◀ to rotate picture anti-clockwise by 90°. Press ▶ to rotate picture clockwise by 90°
- Press STOP button to return the contents of the disc

Need to troubleshoot? See section 6 on other side of this sheet.

- 12 -

CUSTOMIZING THE FUNCTION SETTINGS

Note: Select the HDMI resolution according to the performance	e of the cor	nnected TV.	
JPEG Interval 1. Press the SETUP button. 2. Press the ▲ / ♥ button to select Video. 3. Press the ▶ button, then the ▲ / ♥ button to select JPEG 4. Press the OK button, then the ▲ / ♥ button to shift and ch 5. Press the OK button. 6. Press the SETUP button to exit the menu. Off Plays back one file at a time. 5 seconds Plays back images in the form of a slide show at 10 seconds Plays back images in the form of a slide show at	5 seconds	interval. s interval.	
Audio Digital Output 1. Press the SETUP button. 2. Press the ▲ / ▼ button to select Audio.	Language	Digital Output	: PCM
 Press the ▶ button, then press the ▲ / ▼ button to select Digital Output. Press the OK button, then press the ▲ / ▼ button to select the 	📺 Video	Night Mode	
output sound format: PCM or Raw. 5. Press the OK button. 6. Press the SETUP button to exit the menu.	Misc		
PCM : Select this when connected to a stereo amplifier. Raw: Disc audio raw data will be output. Select this when c theater) "surround sound" amplifier. Note: If you connected to a TV using HDMI, and you are using t then make sure to select "PCM".			
Night Mode 1. Press the SETUP button. 2. Press the ▲ / ▼ button to select Audio. 3. Press the ▶ button, then press the ▲ / ▼ button to select 4. Press the OK button, then press the ▲ / ▼ button to chang 5. Press the OK button. 6. Press the SETUP button to exit the menu			

- Note: Night mode is Dynamic Range Control (DRC) option for analog audio output. It limits the volume of louder passages of a movie (such as action sequences), while keeping quieter passages at normal volume level

- 16 -

Misc

Use Default Settings

- Press the SETUP button.
 Press the ▲ / ▼ button to select Misc.
- 3. Press the ▶ button, then select "Use Default Settings" 📺 video
- dialogue box and press **OK** button. 4. Press the ◀ / ▶ button to select "Yes". Press the **OK** button and the original setting will be restored. The unit will exit the default setting menu automatically and re-load the disc in the disc trav.

Yes No

Language Use Default Se

Note: It will take 3-5 seconds to reset the DVD player to the factory default.







Search		
Title Chapter Time	1 00. 00. 00	

Search

Time

RH/I

User Manual

DRC277B

0 0

WARNING: THE APPARATUS SHOULD NOT BE

EXPOSED TO DRIPPING OR SPLASHING AND

AS VASES, SHOULD BE PLACED ON APPARATUS.

WARNING: TO REDUCE THE RISK OF FIRE

OR ELECTRIC SHOCK, DO NOT EXPOSE THE

AUTION: USE OF CONTROLS OR ADJUSTMEN

B PERFORMANCE OF PROCEDURES OTHER

HAN THOSE SPECIFIED MAY RESULT I

CAUTION: DANGER OF EXPLOSION IF BATTERY

CAUTION: TO REDUCE THE BISK OF FIRE

DO NOT PLACE ANY HEATING OR COOKIN

CAUTION: TO PREVENT ELECTRIC SHOCK

MATCH WIDE BLADE OF PLUG TO WIDE SLOT OF

INCORRECTLY REPLACED. REPLACE ONLY

PPI JANCE TO BAIN OR MOISTURE

AZARDOUS RADIATION EXPOSURE

VITH THE SAME OR EQUIVALENT TYPE.

PPARATUS BENEATH THIS UNIT.

CLASS 1 LASER PRODUCT

To Change Remote Batteries

Insert two AAA size

battery

Do not dispose of the battery in fire or it may

Batteries shall not be exposed to excessive

Danger of explosion if battery is incorrectly replaced.

heat such as sunshine, fire or the like

Replace only with the same or equivalent type

Open the

batteries.

explode or leak.

CAUTION:

MAINTENANCE

Clean the disc before playback. Wipe the disc from the center outward with a cleaning cloth.

Be sure to turn the unit off and disconnect the AC power cord before maintaining the unit.

· Do NOT use irregular shaped discs (example: heart shaped, octagonal, etc.). They may cause

Wipe the unit with a dry soft cloth. If the surfaces are extremely dirty, wipe clean with a cloth that

has been dipped in a weak soap-and-water solution and wrung out thoroughly, then wipe with a dry

· Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. Do NOT use compressed air

- 5 -

A defective or soiled disc inserted into the unit can cause sound to drop out during

door

POWER OUTLET. THEN FULLY INSERT.

APPAREIL À LASER DE CLASSE 1

PRODUCTO LASER DE CLASE 1

THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH

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

CAUTION

RISK OF ELECTRIC SHOCK

DO NOT OPEN

WARNING: SHOCK HAZARD - DO NOT OPEN

The lightning flash with an arrowhead

symbol, within the equilateral triangle, is

intended to alert the user to the presence of

uninsulated "dangerous voltage" within the

product's enclosure that may be of sufficient

The exclamation point within the equilateral

triangle is intended to alert the user to

the presence of important operating and

maintenance (servicing) instructions in this

magnitude to cause an electric shock.

* SEE GRAPHIC SYMBOLS ON THE BOTTOM OF UNIT *

THIS CLASS B DIGITAL APPARATUS COMPLIES

WITH CANADIAN ICES-003.

CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST

CONFORME À LA NORME NMB-003 DU CANADA.

Point the remote control at the REMOTE

· The recommended effective distance for

When using this unit in very bright light, the

infrared REMOTE CONTROL SENSOR may

remote operation is about 16 feet (5 meters)

When the batteries become weak, the operating

distance of the remote control will be greatly

reduced and you will need to replace the

If the remote control is not going to be used

damage caused by battery leakage corrosion.

problems must be considered and local

rules or laws governing the disposal of these

When discarding batteries, environmental

batteries must be strictly followed.

· Do NOT stick paper or tape on the surface.

for a long time, remove the batteries to avoid WARNING:

playback. Handle the disc by holding its inner and outer edges.

Do NOT touch the surface of the unlabeled side of the disc

Do NOT expose the disc to direct sunlight or excessive heat.

NEVER use solvents such as benzine or alcohol to clean the disc.

Before transporting the unit, remove the disc from the disc compartment.

Specifications and external appearance are subject to change without notice.

iser manual

Using the Remote Control

not work properly

Battery Replacement

Cleaning the Disc

malfunctions

Cleaning the Unit

to remove dust

Important Note

Printed in China

cloth

batteries.

Notes:

SENSOR located on the unit.

AVIS: RISQUE DE CHOC ÉLECTRIQUE-NE PAS OUVRIR

SAFETY PRECAUTIONS

- 1 -

REMOTE CONTROL

E1

On Placement Do not use the unit in places that are extremely hot, cold, dusty, or humid.

SERVICING USE ONLY IDENTICAL

DOUBLE INSULATION WHEN

REPLACEMENT PARTS.

· The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains,

On Safety

- When connecting or disconnecting the AC power cord, grip the plug and not the cord itself. Pulling the cord may damage it and create a hazard.
- When you are not going to use the unit for a long period of time, disconnect the AC power cord.
- No naked flame sources such as lighted cause harmful interference to radio or television candles should be placed on the AC power reception, which can be determined by turning the cord and the unit. equipment off and on, the user is encouraged to
- Leave a minimum of 10 cm around the apparatus for ventilation.
- Attention should be drawn to the environmental aspects of battery disposal
- Use of apparatus in moderate climates.
- On Condensation When left in a heated room where it is warm and damp, water droplets or condensation may form inside the unit. When there is condensation inside the unit, the unit may not function normally. Let the unit stand for
- 1 to 2 hours before turning the power on, or gradually heat the room and let the unit dry before use.

Should any trouble occur, disconnect the AC power cord and refer servicing to a qualified technician

Main plug is used as the disconnect device, it shall remain readily 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 WARNING from the mains socket outlet completely.

SAFETY PRECAUTIONS

This produc

aser device.

contains a low powe

Rating Plate Location

the following measures

is connected.

equipment and receiver.

TV technician for help.

operate the equipment.

FCC Statements

This DVD player has

STAR

The rating plate is located on the back of unit.

NOTE: 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

guarantee that interference will not occur in a

particular installation. If this equipment does

try to correct the interference by one or more of

Reorient or relocate the receiving antenna.

Increase the separation between

Connect the equipment into an outlet on a

circuit different from that to which the receiver

Consult the dealer or an experienced radio/

Warning: Changes or modifications to this unit

not expressly approved by the party responsible

for compliance could void the user's authority to

This product incorporates copyright protection

radio communications. However, there is no

Notes on Copyright

No power

No audio, poor

audio channels.

No picture or

HDMI TV.

is heard.

play.

The DVD door

cannot open

abnormal color.

audio, or missing

It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, or rent copyrighted material without permission

Apparatus Claims of U.S. Patent Nos. 6,836,549; 6,381,747; 7,050,698; 6,516,132; and 5,583,936 licensed for limited viewing uses only.

technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited. - 2 -

TROUBLESHOOTING GUIDE

SYMPTOM CAUSE (AND REMEDY)

- Ensure the AC power cord is connected The unit is not turned on.
- · Remove any obstacles between the remote and the unit The remote control does not function
 - Use the remote near the unit. Point the remote at the remote sensor on the unit.
 - Replace the batteries in the remote with new one.
 - The system is in pause mode. Press the PLAY button to return to
 - normal play mode.
 - The unit is in fast-forward or fast-reverse mode. Press the PLAY button to return to normal play mode
 - Make sure the AUDIO output setting is correct. Press SETUP button then choose the AUDIO menu. If current setting is "Raw", try switching to "PCM". If current setting is "PCM". trv switching to "Raw".
 - Make sure the audio cable is connected securely. . The region number of the disc doesn't match the region number of this unit.

- The TV is not set to receive DVD signal output.
- · The video/HDMI cable is not connected securely.
- The TV is not turned on. Clean the disc.
- No output on your
 - Check connection between HDMI TV and the unit. · Replace the HDMI cable with a better one. Bad HDMI cable can cause data lost.
 - · Press HDMI key on remote control several times in stop mode to toggle among different HDMI Resolution settings (Auto, 480p, 720p, 1080p, 1080i).
- Check the connections. Severe hum or noise •
 - · The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol Clean the disc
- The disc does not · There is no disc inside. (No Disc appears on the screen)
 - Insert the disc correctly with the playback side facing down

Need more help?

Please visit online help at WWW.RCAav.com

- 6 -

- Clean the disc.
- · The unit and disc region number are incompatible · Condensation may have formed inside the unit due to a sudden change in
- temperature. Wait about an hour for it to clear and try again. • Reset the unit, press the OSTANDBY/ON button to turn off the unit, wait
- for a few seconds, then restart the unit.

IMPORTANT SAFETY INSTRUCTIONS

- 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 of the 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 nroduce heat
- 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. When the provided plug does not fit into your AC power outlet consult an electrician for replacement of the obsolete outlet.
- 10. Protect the AC power cord from being walked on or pinched particularly at plugs convenience receptacles, and the point where they exit from the apparatus.

Portable Cart Warning Unplug this apparatus during lightning storms or when unused for long periods of

tip-over.

by the manufacturer.

time. Refer all servicing to qualified service personnel. Servicing is required when 14 the apparatus has been damaged in any way, such as the AC power cord or plug is damaged, liquid has spilled or objects have

11. Only use attachments/accessories specified

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 cart/

apparatus combination to avoid injury from

fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

DISC FORMATS



DVDs, Audio CDs, CDs and JPEG files on them. Before you put a disc in the player, make sure it is compatible. You can't play the following types of discs: Laserdiscs, CD-I, CD-ROM (computer-only discs), DVD-ROM, or discs recorded using other broadcast standards (i.e., PAL or SECAM); CD-G discs. Note: Some discs may not be compatible due to laser pickup, recording formats, and software used. Some technologies and methods used for JPEG file recording on CD-Rs can prevent optimal playback of these files on your DVD player by degrading the guality and/or the ability of the player to read the file

Region Management Information

This unit is designed and manufactured to respond to the Region Management Information that is encoded on DVDs. If the region number printed on the DVD does not correspond to the region number of this unit, it cannot play that disc.



CONTROL REFERENCE GUIDE

Remote Control

mode

- ▲ OPEN/CLOSE Button
- Press to open or close the disc tray. 2 Press to turn on the unit or put it in standby
- 3. AUDIO Button Press to select one of the audio sound tracks programmed on a DVD or to select the audio output mode on an audio CD (If more than onė is available)
- 4. ANGLE Button Press to switch the camera angle of the video presentation when scenes with multiple camera angles are recorded on a DVD 5.
- MEMORY Button Press to create programmed playback
- sequences. 6. DISPLAY Button Press to change disc status information displayed on the TV screen.
- SETUP Button Press to open and close the SETUP menu
- 8. CURSOR (\blacktriangle , \bigtriangledown , \triangleleft , \blacktriangleright) Button Press to highlight selections on a menu screen and adjust certain settings. **OK Button**
- Press to confirm selections on a menu
- CLEAR Button Clear input selections and cancel certain plavback functions.
- 10. PLAY Button
- Press to start or resume playback 11. STOP Button
- ess to stop plavback.
- 12.
 SEARCH Button
- Fast reverse playback
- 13. It REV Button Press to move backwards through titles. chapters or tracks on a disc
- 14. Number (0-9) Buttons 15. A-B REPEAT Button
- Press to perform point-to-point repeat playback on a DVD or CD. 16. GOTO Button
- Press to skip directly to a specific location 17. SUBTITLE Button
- Press to select one of the subtitle languages
- programmed on a DVD (If available). 18. ZOOM Button Zoom in an image



- 19. RETURN Button
 - 20. TITLE Button
 - ress to open the title menu screen. 21 MENU Button
 - Press to open and close the DVD's menu 22. HDMI Button
 - Press to change the video output signals in 23. II PAUSE Button
 - Press to pause playback
 - 24. SEARCH Button Fast forward playback
 - 25. MINEXT Button

- 7 -

- Press to move forward through titles, chapters or tracks on a disc. 26 SLOW Button
- Press to perform slow forward playback of DVDs 27. STEP Button
- Press to advance frame by frame (on DVD) 28. DISC REPEAT Button
- Press to repeat chapter or title of a DVD. Press to repeat single track or whole CD.

DISC FORMATS

Disc Function or Operation that is Not Available

When the Sappears on the screen, it indicates that the function or operation attempted is not available at that time. This occurs because the DVD manufacturer determines the specific functions of DVDs. Certain functions may not be available on some DVDs. Be sure to read the documentation provided with the DVD.

Icons Used on DVDs

- Sample Icons
- 2) 1. English 2. French Language selections for audio 2 1. English -Language selections for subtitles B -Screen aspect ratio <u>∞</u> 21 Multiple camera angles
- Region code indicator

Note: When playing back a CD-G (Graphics) or CD EXTRA disc, the audio portion will be played. but the graphic images will not be shown.

Title, Chapter and Tracks

 DVDs are divided into "titles" and "chapters". If the disc has more than one movie on it, each movie would be a separate "title". "Chapters" are sections of titles.

 Audio CDs are divided into "tracks". A "track" is usually one song on an Audio CD.



Nota

Numbers identify each title, chapter, and track on a disc. Most discs have these numbers recorded on them, but some do not.

Notes on Unauthorized Discs

You may not be able to play some DVDs on this unit particularly if they were purchased from outside your geographic area or made for business purposes

SOUND SYSTEM

Dolby Digital

Dolby Digital is a technology developed by Dolby Laboratories. Soundtracks encoded in Dolby Digita can reproduce from one to 5.1 discrete channels of excellent quality audio.

The unit automatically recognizes the Dolby Digital bitstream and can output this multi-channel signal through the COAXIAL digital audio outputs. The unit also provides a downmix suitable for twochannel listening though the analog audio outputs. An additional Dolby Digital decoder is required for reproduction of the discrete multi-channel soundtracks available on many DVDs.

Manufactured under license from Dolby Laboratories 'Dolby' and the double-D symbol are trademarks of Dolby Laboratories



ACCESSORIES

Please check and identify the supplied accessories To order accessories visit web site http://www.RCAav.com Remote Control 2xAAA Batteries. .x 1 AV Cable



CONTROL REFERENCE GUIDE

Unit

- 1. Disc Tray Opens or closes the tray by pressing the OPEN/CLOSE button.
- 2.
 OPEN/CLOSE Button
- Opens or closes the trav
- 3. Remote Sensor
- Receives the remote control's commands. 4. PLAY Button
- Starts or resumes playback of a disc
- 5 POWER Indicator Indicator Off: The unit is in standby mode cator On: The unit is turned on.
- 6. ^(J) STANDBY/ON STOP Button Turn the unit on or put it in standby mode. Or stop playing a disc



- VIDEO OUT Jack
- DIGITAL COAXIAL OUT Jack
- 10. LEFT/RIGHT AUDIO OUT Jacks
- SETUP AND CONNECTIONS

CONNECTING TO A TV

The unit can be connected to your TV in several different ways, depending on the design of your TV. Note: Use only one of the below listed connection method for connecting to your TV. A. RCA AUDIO/VIDEO JACKS

Use the Audio/Video cable (supplied), Connect the VIDEO OUT and left/right AUDIO OUT jacks on the unit to the VIDEO IN and left/right AUDIO IN jacks on your TV.



B. CONNECTING TO A DISPLAY (Using HDMI cable)

For TVs that support it, HDMI can provide the best quality audio and video output (depending on media source), and so is the preferred connection type. The HDMI cable incorporates both audio and video



cable running from the unit to your TV. Using a

HDMI cable (not included), connect the HDMI OUT jack on your unit to the HDMI IN jack on your TV or HDMI-compatible display

- When using a HDMI cable, do not connect to other analog video outputs.
- Set an output signal from the HDMI terminal of the DVD player in accordance with your TV's input signal.
- If you use your TV's speakers for audio and you find the TV doesn't play the DVD player's audio correctly, you may need to switch the **Audio** setting on your DVD player (see section 16 of
- Press the HDMI button on the remote control in stop mode to change output signals as below: NTSC: Auto/ NTSC: 480 Progressive/ NTSC 720 Progressive/ NTSC: 1080 Interlaced/ NTSC: 1080 Progressive.

Notes

- Refer to your owner's manual to the connected TV as well. When you connect the DVD player to your TV,
- be sure to turn off the power and unplug both units from the wall outlet before making any connections
- If you have a HDMI (with HDCP) equipped monitor or display, you can connect it to this player using a HDMI cable.

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registered trademarks of HDMI licensing LLC.