DVD/CD/MP3 PLAYER

DVD-209
DVD-419

USER'S MANUAL

DVD VIDEO   COMPACT disc DIGITAL AUDIO   DOLBY DIGITAL

Please read this manual before connection and use.

CAUTION

WARNING: SHOCK HAZARD. DO NOT OPEN.
AVIS: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR

CAUTION: TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK) OF THE UNIT. REFER SERVICING ONLY TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol within an 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 magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.

For Customer Use:

Enter below the serial number that is located on the bottom of the unit. Retain this information for future reference.

Model No. _____DVD 209 or DVD 419_____

Serial No. _____

For recycling or disposal information about this product, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org.

209SS

PRECAUTIONS

WARNING:

To prevent fire or shock hazard, do not expose this device to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet.

CAUTION:

To prevent electric shock, match wide blade of plug to wide slot of outlet and fully insert.

Protect your hearing:

Hearing experts advise against the constant use of personal stereos played at high volume. Constant exposure to high volumes can lead to hearing loss. If you should experience ringing in the ears or hearing loss, discontinue use and seek medical advice.

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

Note:
This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a par- ticular installation. If this equipment does cause harmful interference to radio or televi- sion reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

SAFETY INFORMATION

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a damp cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that generate heat.
9. Do not defeat the safety purpose if 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 are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. 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 tip-over.

Portable Cart Warning

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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.
15. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus

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CAUTION:
Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use.

Double insulation
This is a class II apparatus

SAFETY INFORMATION

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

IMPORTANT SAFE GUARDS

In addition to the careful attention devoted to quality standards in the manufacture of your video product, safety is a major factor in the design of every instrument. However, safety is your responsibility, too. This sheet lists important information that will help to assure your enjoyment and proper use of the video product and accessory equipment. Please read them carefully before operation and using your video product.

Installation

1. Read and Follow Instructions-All the safety and operation instructions should be read before the video product is operated. Follow all operating instructions.

2. Retain Instructions-The safety and operating instructions should be retained for future reference.

3. Heed all Warnings-Comply with all warnings on the video product and in the operating instructions.

4. Polarization-This video product is equipped with a polarized alternating-current line plug. This plug will fit into the power outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted without blade exposure. If you need an extension cord, use a polarized cord.

5. Power Sources-This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your video dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.

6. Overloading- Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock. Overloaded AC outlets, extension cords, frayed power cords, damaged or cracked wire insulation, and broken plugs are dangerous, They may result in a shock or fire hazard. Periodically examine the cord, and if its appearance in dicated damage or deteriorated insulation, have it replaced by your service technician.

7. Power- Cord Protection- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the video product.

8. Ventilation- Slots and openings in the case are provided for ventilation to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or heat register. This video product should not be placed in a built- in installation such as a book case or rack, unless proper ventilation is provided or the video product manufacturer's instructions have been followed

9. Attachments- Do not use attachments unless recommended by the video product manufacturer as they may cause hazards.

10. Water and Moisture- do not use this video product near water for example, near a bath tub,wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool and the like. Caution: Maintain electrical safety. Powerline operated equipment or accessories connected to this unit should bear safety certification mark on the accessory itself and should not be modified so as to defeat the safety features. This will help avoid any danger and should not be modified so as to defeat the safety features. This will help avoid any potential hazard from electrical shock or fire. If in doubt, contact qualified service personnel.

11. Accessories- Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult as well as serious damage to the video product. Use this video product only with a cart, stand, tripod, bracket, or table recommended by the manufacturer's or sold with the video product. Any mounting of the product should follow the manufacturer's instructions and use of a mounting accessory recommended by the manufacturer.

12. A video product and cart combination should be moved with care.Quick stops, excessive force, and uneven surfaces may cause the video product and cart combination to overturn.
Note to CATV system installer
This reminder is provided to call the CATV system installer's attention to Section 820- 40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

13. Outdoor Antenna Grounding- If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No.70-1984 (Section 54 of Canadian Electrical Code,Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead- in wire to anantenna- discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

14. Power Lines- An outside antenna system should not be located in the vicinity of overhead power lines, other electric light or power circuits, or where it can fall in to such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching or approaching such power lines or circuits, as contact with them might be fatal. Installing an outdoor antenna can be hazardous and should be left to a professional antenna installer.

Use

15. Cleaning- Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft dry cloth for cleaning.

16. Objects that may touch dangerous voltage points or "short-out" parts could result in a fire or electric shock. Never spill liquid of any kind on the video product.

17. Lightning- For added protection for this video product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power line surges.

Service

18. Servicing- Do not attempt to service this video product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards Refer all servicing to qualified service personnel.

19. Conditions requiring service- unplug this video product from the wall outlet, refer servicing to qualified service personnel under the following conditions:
    A. When the power- supply cord or plug is damaged.
    B. If liquid has been spilled, or objects have fallen in to the video product.
    C. If the video product has been exposed to rain or water.
    D. If the video does not operate normally by following the instruction manual. Adjust only those controls that are covered by operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualifiedte chnician to restore the video product to its normal operation.
    E. If the video product has been dropped or cabinet has been damaged.
    F. When the video product exhibits a distinct change in performance-this indicates a need for service.

20. Replacement Parts- When replacement parts are required, have the service technician verify that the replacements he uses have the same safety characteristics as the originalparts. Use of replacements specified by the video product manufacturer can prevent fire, electric shock,or other hazards.

21. Safety Check- Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks recommended by the manufacturer to determine that the video product is in safe operating condition.

22. Wall or Ceiling Mounting- The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

23. Heat- The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that products heat.

FEATURES

DVD, CD, MP3 compatible
CD-R, CD-RW capable

TV format:
PAL / NTSC color system
4:3 / 16:9 screen format selection

Video output:
Composite Video output

Audio output:
Down-mix stereo output
Digital audio output (coaxial)
Dolby Digita output
DTS Digital output

DVD features:
Multi Subtitle selection
Multi Language selection
Multi Angle selection

Other features:
On screen display menu
Digital zooming
Slow motion
Parental control
JPEG picture view

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The player has built in copyright protection technology that prevents copying from a DVD disc to any media.

If a video recorder is connected to the player, the video output image will be distorted during recording.

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About DVD

DVD (Digital Versatile Disc) is a digital video medium under the MPEG II format, featuring a variety of revolutionary entertainment capabilities. The MPEG II video compression technology provides capacity for an excellent picture of minimum 500 lines resolution on screen, up to 8 language soundtracks, up to 9 views from different camera angles and up to 32 language subtitles (provided by the DVD disc itself which supports these features).

Disc information

Disc types	DVD	CD
Decoding Method	Digital / MPEG II	Digital
Capacity	Single-layer / Single side 4.7GB=2hr Single-layer / Double sides 8.5GB=4hr Double-layers / Single side 9.4GB =4.5 hr Double-layers / Double sides 17GB = 8 hr	650MB = 74min
Disc size	12cm / 8cm	12cm / 8cm
Horizontal Resolution	500 lines up	-
Sub-titles	32	-
Sound tracks	8	1
Symbol	DVD VIDEO	COMPACT DISC DIGITAL AUDIO

DVD features symbols

Each DVD disc contains various features depending on production of the disc. Below are some of the symbols representing the features:

- Number of Audio Tracks
- Number of Subtitles
- Angle Indicator
- Screen Format
- Zoom

The player has built in copyright protection technology that prevents copying from a DVD disc to any media.

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REMARK
Some features contained in this DVD player are related to the DVD disc's software.
Some features cannot be performed if the disc does not support the feature, or requires special settings.
Check the features printed on the disc's packing or follow the instructions of the Disc's on screen menu.

Select a DVD disc

DVD Region Code
DVD discs and DVD players are manufactured under the worldwide eagreed DVD Regional Code System that the player will operate only with corresponding disc of the same Regional Code.

Region code	Region
1	Canada, USA
2	Europe (incl. Poland, Romania, The Czech republic), Japan, Middle East (incl. Saudi Arabia, Egypt, Iran, South Africa)
3	East Asia (incl. HongKong, Taiwan, South Korea), South-East Asia
4	Australia,Caribbean,Central & South America, Mexico, New Zealand
5	Africa, Former Soviet Union, India, North Korea, Pakistan,Turkmenistan
6	China

Care of disc
Video disc contains high-density compressed data that needs proper handling

- Hold the disc with fingers. Hold the disc's outer edge and/or the center spindle hole. Do not touch the disc surface.
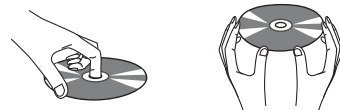
- Do not bend or press the disc. Do not expose the disc to direct sunlight or heating sources.

- Store discs in cabinet vertically, in dry condition. Prevent exposure to:
  - Direct sunlight
  - Heat or exhaust from a heating device.
  - Extreme humidity.

- Clean the disc surface with a soft, dry cleaning cloth. Wipe the disc surface gently, radically, from center toward the outer edge.

- Do not apply thinner, alcohol chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.

The player is compatible to the following disc types:

DVD single sided / double sided single layered / double layered
CD-DA
CD-MP3
CD-R / CD-RW*
PICTURE CD

*NOTE: Some PC application files on CD-R or CD-RW CANNOT be accepted by the unit, e.g. CD-ROM under PC Windows, etc. (CD-R/CD-RW writing format may be different, some discs are not acceptable)

About MP3

MP3 (MPEG 1, Audio Layer3) is a digital audio format for quick down loading files that sound as good as CDs. MP3 uses entropy encoding to reduce the number of redundant sounds in an audio signal to a minimum. It takes music from a CD and reduces it by a factor of 12, with no noticeable loss of quality .On a normal CD of 74 minutes you can store over 130 songs.

Disc information
Sampling rate should be 44. 1 kHz and bit rate is recommended within the range from 128 Kbps to 256 Kbps, in order to achieve the best performance. In general, higher quality settings result in larger file sizes.

MP3 Format

Sampling rate	Bit rate	Quality
44.1 kHz	56 Kbps	
44.1 kHz	64 Kbps	FM Radio Quality
44.1 kHz	80 Kbps	
44.1 kHz	96 Kbps	
44.1 kHz	112 Kbps	
44.1 kHz	128 Kbps	Near CD Quality
44.1 kHz	160 Kbps	Good CD Quality
44.1 kHz	192 Kbps	Better than CD Quality
44.1 kHz	224 Kbps	
44.1 kHz	256 Kbps	Studio Quality

No-play disc

The following discs are **NOT** acceptable by the DVD player:

- DVD disc with Region code that does not match the player's Region code. The player wil not recognize the format. (Check the disc's region code printed on the disc packing. Region code "ALL" will be acceptable by all players.)
- Some DVD discs that were purchased outside the application country
- PC application on CD-R/CD-RW
- CD-ROM for PC interface only
- CD-MP3 under Windows format
- MP3 CD-R/CD-RW of not proper format (see "**Tips for making a good MP3 CD** " below)

Tips for making a good MP3 CD

- Use good quality CD-RW disc,CD-R Gold Ultima is recommended. Up to 650 MB (74-minute CD) of MP3 files can be recorded.
- Select a high quality CD Recorder (Writer). HP CD- Write+9200 is recommended.
- Select an advanced Cd burning software. Easy CD Creator 5.0 is recommended.
- MP3 is data and not WAV information as such Mode1 must be selected when compiling and burning your discs.
- Drag and drop (Direct CD) must not be used to compile the disc. The player will not recognize this format.
- Only single session recordings can be used. Multi session recordings are not recognized and will not be played.
- Select Data CD Project (soft ware user interface), file system should comply with the standard of ISO 9660 or Joliet. OR select MP3 CD Project for convenience operation (available in Easy CD Creator5.0)
- It is advised to finalize the CD after burning.

About the player

Top panel

1.Disc lid
2.Power button
3.Play/pause button
4.Next button
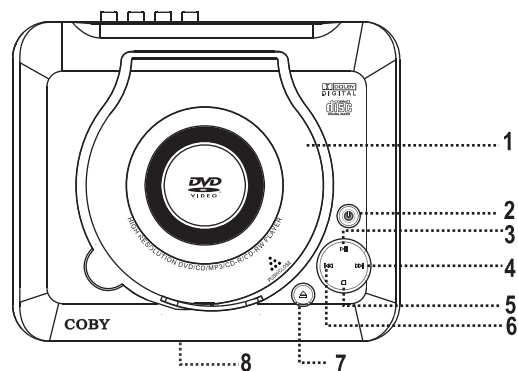
5.Stop button
6.Previous button
7.Open button
8.Remote control sensor

Rear panel

Audio L

Coaxial Digital Audio

Audio R

Composite Video Output (Interlace)
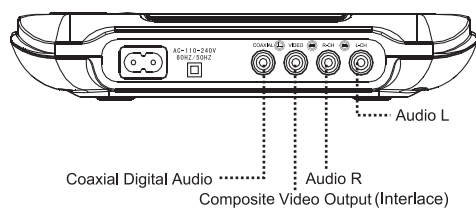
Remote control surface

1. STANDBY button
2. TITLE button
3. SUBTITLE button
4. MENU PBC button
5. AUDIO button
6. GOTO button
7. PROGRAM button
8. SETUP button
9. DIRECTION buttons
10. SLOW button
11. PLAY/PAUSE button
12. STOP button
13. PREV. / NEXT buttons
14. STEP button
15. VOLUME buttons
16. ENTER button
17. RETURN button
18. ZOOM button
19. A-B button
20. REPEAT button
21. CLEAR button
22. NUMERIC buttons
23. MUTE button
24. OSD button
25. ANGLE button

3

4

System connection figure

R Front Right
SW Subwoofer
SR Surround Right
C Center
L Front Left
SL Surround Left

Digital decoding amplifier

To Coaxial input

Connect to the Coaxial output only

DO **NOT** connect the AC power socket to the wall outlet before the system connection is completed

White Red

Stereo amplifier

The player has built in copy-right protection technology that prevents copying from a DVD disc to any media.

If a video recorder is connected to the player, the video output image will be distorted during recording.

If your TV does not have AV input jacks you will need to purchase a RF modulator.

Connect ONLY one of the audio output connections, to avoid sound interference.

Television Set

Yellow White Red
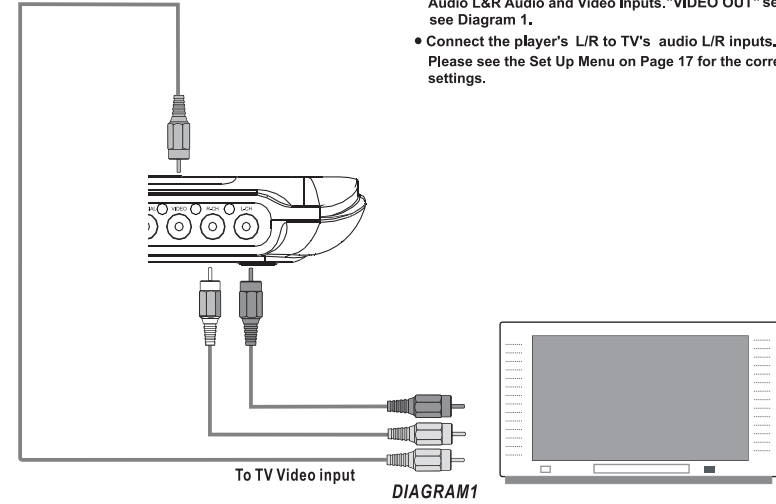
System connection to a TV set

Select <u>ONE</u> of the below connections <u>ONLY</u>:
● Connect the player's L and R Audio and Video Outputs to the TV's Audio L&R Audio and Video Inputs."VIDEO OUT" setup"NORMAL", see Diagram 1.
● Connect the player's L/R to TV's audio L/R inputs. see Diagram 2.
Please see the Set Up Menu on Page 17 for the correct Video Output settings.

To TV Video input

DIAGRAM1

DIAGRAM2
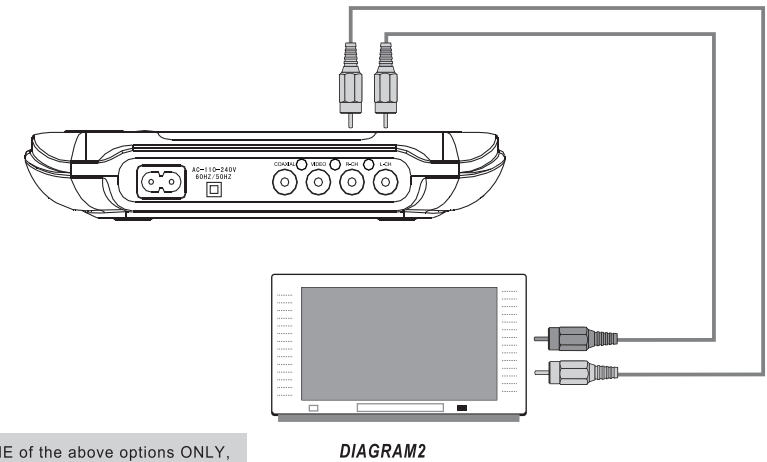
NOTE Connect ONE of the above options ONLY, to avoid picture interference.

1 The player is equipped with composite A/V outputs at the rear of the player. Your TV will require at least one set of A/V inputs. The patch cord supplied with the player will connect your player's A/V output to your TV'S inputs.

2 Please remember to push the "Line" or "Input" or " Video/TV " button on your TV remote to view the DVD signal. Depending on your brand of TV, this button will have a different name for the same function, as per the examples above.

That function will allow your TV to be switched from the broadcast reception mode to one of the A/V signals. Some TVs have more than one A/V input.

3 The player is equipped for stereo playback. To fully realize 2 channel sound, a Stereo TV or A/V receiver is necessary. Howerer, a Mono TV may be used providing the TV one set of A/V Inputs.The A/V input for Mono sound. You may connect either the Left or Right audio channel from the DVD Composite audio out to the mono TV audio input.

5

6

Connecting to an Audio Amplifier
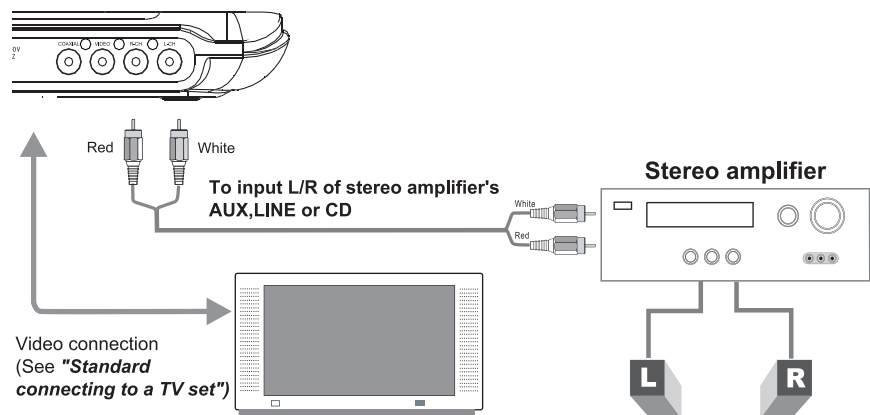
Set the amplifier to the corresponding output mode. See your amplifier's user guide.

Red   White

To input L/R of stereo amplifier's
AUX,LINE or CD

Stereo amplifier

White
Red

Video connection
(See **"Standard connecting to a TV set"**)

L   R

Digital audio connection to a digital Amplifier

Video connection
(See **"Standard connecting to a TV set"**)

Set the amplifier to the corresponding output mode.

5.1 decoded output speakers connection

L   C   R
Front Left   Center   Front Right

SW
Subwoofer

SL   SR
Surround Left   Surround Right
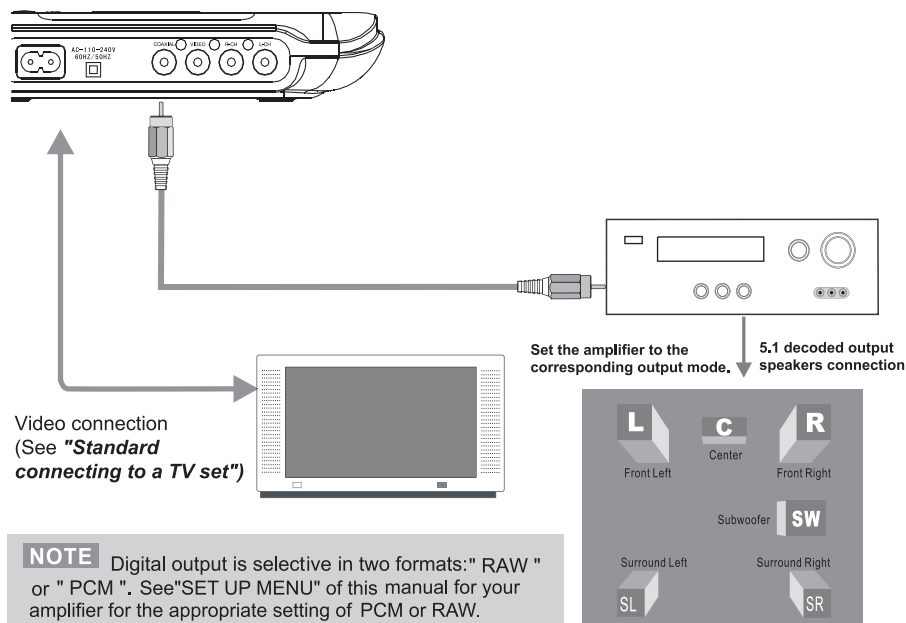
NOTE Digital output is selective in two formats:" RAW " or " PCM ". See"SET UP MENU" of this manual for your amplifier for the appropriate setting of PCM or RAW.

- Unpack the unit.
- Read through this owner`s manual before installation and use.
- Loading batteries in the remote control.
- Connect the system, make sure the connections are secure .
- Connect the power plug to the AC power outlet.

Loading batteries in the remote control
- Remove the battery compartment cover.
- Load two AAA (UM-4 or R03) batteries into the battery compartment.
- Make sure that the batteries have been inserted in the correct polarities matching to the symbols+,- marked in the battery compartment. Close the battery compartment cover.
- When replacing batteries, replace both batteries. Do not mix new and used batteries operating together, other wise,the operation lifetime will be much shorter than normal.
- Remove the batteries if the unit will not be used for a prolonged period of time.

Battery compartment cover

2 x "AAA" 1.5V batteries

The remote control transmits a directinal infrared beam. Be sure to aim the remote control directly at the infrared sensor of the unit during operation.

If the sensor has been covered or there is a large object between the remote control and the sensor, the sensor will not respond.

The sensor may not be able to receive the remote signal when it is exposed to direct sunlight or a strong artificial light (fluorescent or strobe light). In this case, change the direction of the light or reposition the unit to avoid direct lighting.
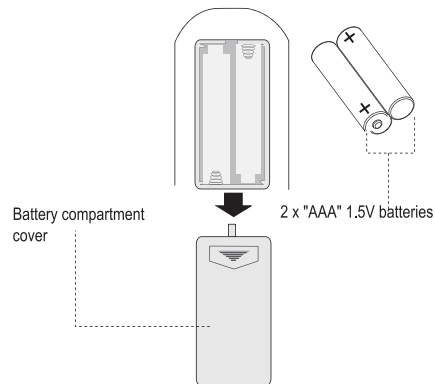

Switch on the player
Press the main power switch on the DVD player.
Power on the TV set, and the amplifier is connected.

Set up the system
Select the corresponding setting of the TV set (AV1, AV2, S-Video, DVD etc).

If connected to a RF modulator,select the appropriate channel until the DVD screen appears.
If amplifier has been connected, select the corresponding output mode.

Load a disc
Press OPEN button ⏏ on the Top panel to open the disc lid.
Load a disc with the label side facing up.
Close the lid manually.

Automatic playback
The unit will take a few seconds to load the disc`s initial data, display the disc type logo on the left upper corner on screen, and then start playing back automatically.

NOTE Normally ,when a MP3 disc is loaded, the player will take longer time to load.

If a DVD disc menu appears on screen

▶❙❙   Press PLAY button on the remote (or on the unit) to start playing.

▲
◀ ENTER ▶
▼

Press the ARROW buttons to select the desired feature in the menu.
And then press ENTER button to confirm a selection in the menu.

Remote   Within
sensor   6 meter (20 feet)

30°   30°

7

8
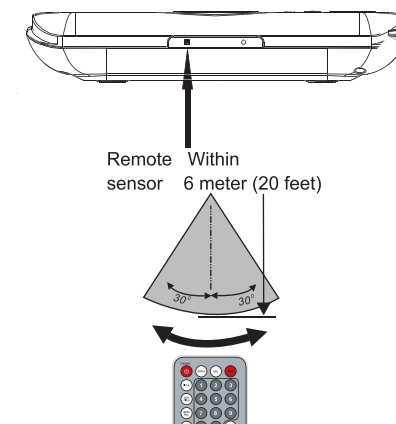
Problem disc messages

The following message will display on screen when there is a format problem with the loaded disc:

"**WRONG REGIONAL DISC**"

Region code of the disc does not match the player's region code (region 1 to region6).

"**WRONG PASSWORD**"

The rating level of the disc is higher than the rating level of the player,
The player will not play the disc.

"**WRONG DISC**"

The player is equipped with automatic disc quality detection software. When the player
detects a problem or damaged disc, the unit may play at a lower quality or stop
completely, depending on the damage level.

DTS DISC

For DTS digital audio stream only
No analog audio output.

This player does not have a DTS decoder built-in.
It may result in no analog audio output if you select
DTS sound output.

- Make sure you select Dolby 5.1 or 2 channel down mix instead of DTS setting.
- Connect the digital audio output (coaxial) to a digital amplifier, in order to enjoy DTS audio system.

Power management

If the player will not be in use for a long period of time, please unplug the unit for your personal safety.

An On Screen Display (OSD) indicator will be displayed at the upper part of the TV screen when certain functions are executed, or when pressing the OSD button on the remote control.

The OSD indicator is a user friendly interface designed to display the status of playback type. When a different disc is loaded (DVD, CD, MP3), the OSD indicator bar will be different.

The OSD bar will appear automatically if it is activated by pressing the OSD button. Press the OSD button again and a new status bar will appear. The OSD bar will disappear automatically if another button is pressed.

DVD Mode-OSD

Press OSD Once

DVD   01/07   004/021   0:10:57   OFF

Current Title
Total Titles
Current Chapter   Repeat Mode
Total Chapters   Playback Time

Press OSD twice

DVD   1/2 ENG5.1CH   1/9 ENG   :--

Multi-Audio   Subtitle (Disc)   Playback Mode (Normal/Random/Program)
                                           Multi-angle

CD Mode-OSD

Press OSD Once

CD   005/016   0:00:23   Off

Current Track
Total Tracks   Repeat Mode   Multi-Audio

Elapsed Time   Playback Mode (Normal/Random/Program)
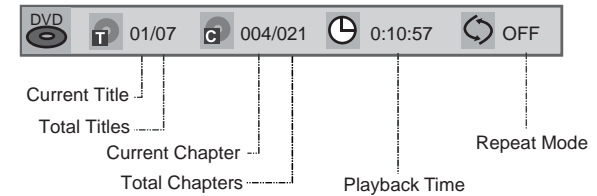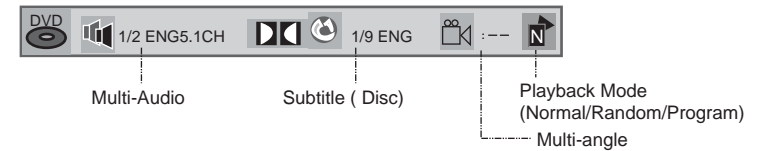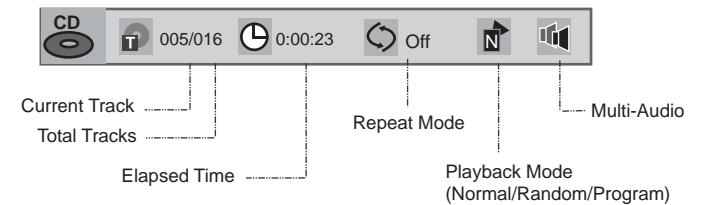
Press OSD twice   **Disc Time**

CD   Disc Time   0:00:37   0:52:32

Elapsed Time   Left Time
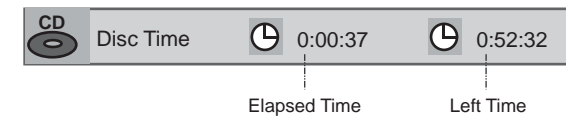
Press OSD three times

Track Time

CD

Track Time   🕐 0:01:52   🕐 0:01:32

Elapsed Time   Left Time

MP3 Mode-OSD

❶   ❷   ❸   ❹ ❺

MMN
▢ 1/10   ▦ 2/20   🕐 0:03:55   🔄 N

[AAA] bbbb

1.AAA   1. aaaa
2.CCC   2. bbbb   🔊 Audio

❻

❼   ❽   ❾
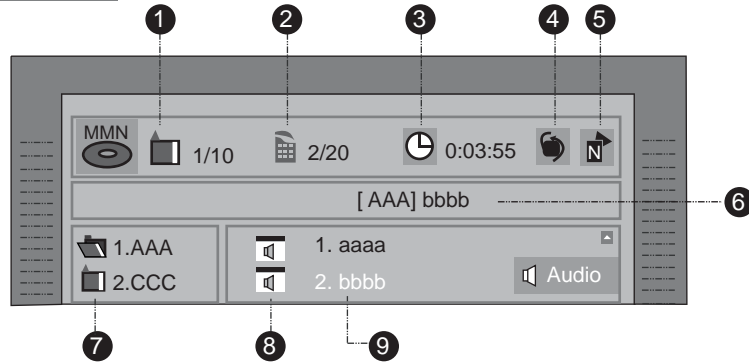
❶   Current Folder Number / Total Number of Folders
❷   Current Track Number / Total Number of Tracks
❸   Elapsed Time
❹   Repeat Mode (Off/ All/ Folder/ File)
❺   Playback Mode (Normal/Random/Program)
❻   [Current Folder] Current File
❼   Folder List
❽   Track List
❾   Current Track (Highlighted)

Picture Mode-OSD

After loading a JPEG disc, the function bar will appear.Use the DIRECTION button to select the desired function.

▦ Slide 1   🕐 🔄 ➕ 👤 🕐 🔍

1   2   3   4   5   6

1. Slideshow Interval: 3 seconds.
2. Slideshow Interval: 6 seconds.
3. Slideshow Interval: 9 seconds.
4. To preview the pictures in thumbnail mode. Select a thumbnail and press ENTER to go back to the slideshow mode.
5. Select this icon(5) and repeatedly press it to change the rotation of the picture.
6. Select this icon(6) and repeatedly press it to change the magnification of the picture.While it's over full-screen display, press the direction button to view the picture.

❶❶

OSD button

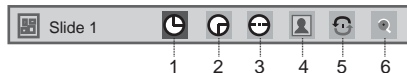OSD   Press OSD button.
To show the time and status information.

Open/Close disc lid

⏏   To open and close the disc lid.
Press OPEN button on the top panel.

Play/Pause/Stop

⏯   Press PLAY/PAUSE button to play the disc.
Press PLAY/PAUSE button to pause(still Picture).
Press PLAY/PAUSE button to resume normal playback.

⏹   Press STOP button to stop in two modes.
a) Press the STOP button once and the STOP function memorizes the position. The OSD will show "Prestop". Press the PLAY button to resume playback.
b) Press the STOP button twice to stop playback completely. The TV screen shows STOP. Pressing PLAY will start playing from the beginning.

Skip Forward/Backward

⏭   Press ⏭ button to skip advance DVD chapter or CD/MP3 track.

⏮   Press ⏮ button to skip backward DVD chapter or CD/MP3 track.

NOTE

Player will not skip forward or backward during "WARNING" section of a DVD disc.
Single chapter DVD or single track CD/MP3 cannot be skipped

Fast Forward/Reverse

⏭   Press and hold ⏭ or ⏮ for about two seconds to fast forward/reverse.

⏮   Normal → X2 → X4 → X8 → X16 → X32

⏯   Press PLAY button to resume normal playback.

NOTE

The player is muted in fast forward or reverse mode.
Player will not fast forward or reverse during WARNING section of a DVD disc.

Slow

SLOW   While playing a DVD.
The player is muted in SLOW mode.
Press SLOW button to play at slow motion.Repeatedly pressing the button will decrease the slow speed.

Normal → X1/32 → X1/16 → X1/8 → X1/4 → X1/2

Disc Title/Menu

MENU PBC   While playing a DVD.
Press the MENU/PBC button to return to the DVD disc Root Menu.

⏯   Press PLAY button to resume playing from where you previously stopped it.

TITLE   While playing a DVD, press the TITLE button to return to the beginning of the DVD disc.

NOTE

Some DVD discs don't have the TITLE function.

❶❷

Select an item in the menu

In the DVD disc start menu or in the palyer`s set up menu.

Press DIRECTION button to highlight function icons.

Press ENTER button to confirm a selection.

Press CLEAR button to cancel an entry.

Press RETURN button to return to to the upper level menu.

Numeric Key Pad

(Random Program access)

1) To directly access a DVD Chapter or a CD/MP3 track, input the desired DVD Chapter or CD Track number using the numeric key pad.

2) Input data for the DVD disc start menu or the player`s setup menu.

> **NOTE** Some DVD discs do not allow direct access function.

Mute

Press the MUTE button to turn off the audio or restore the audio.

To select the desired section to play (search).
1. Press numeric buttons to input data.
2. Press Clear button to cancel incorrect input.
3. Press ENTER or PLAY button to start playback .

GOTO In DVD mode

pressing the GOTO button once appears

| DVD | T | --/07 | C | ---/021 | 0:10:57 | OFF |

Current Title
Total Titles

Current Chapter
Total Chapters

Playback Time

In CD mode

pressing the GOTO button once appear

| CD | T | --/07 | 0:10:57 | OFF | N | |

Current Track
Total Tracks

Playback Time

In MP3 Mode

| MMN | | -- /10 | 2/20 | 0:03:55 | | N |

Current Folder
Total Folders

Current Track
Total Tracks

Elapsed Time

> **NOTE** Some DVD and MP3 discs do not allow the Search function to be performed during program playback.

Repeat section A-B

To repeatedly play a specific section of a disc.

Press the A-B button at the starting point of the desired section.
The screen displays "REPEAT A".

Press the A-B button again, at the end of the desired section,
The screen displays "REPEAT A-B".

The player will start repeating playback the desired section until the function is cancelled.

To cancel the function, press the A-B button again.

> **NOTE** Some DVD discs do not allow the A-B function playback. This function does not apply to CD/MP3 discs.

Repeat

Press REPEAT button repeatedly to select the repeat mode.

In DVD mode
Repeat Off ➡Repeat Title ➡ Repeat Chapter

In CD mode
Repeat Off ➡Repeat Disc➡Repeat Track

In MP3 mode
Repeat Off ➡ Repeat All ➡ Repeat Folder➡Repeat File

> **NOTE**
> Some DVD discs do not allow REPEAT function.

Multi-Angle/ Subtitle/Audio

While playback a DVD disc , press ANGLE button to view different camera angles on the disc. A DVD disc may contain up to 9 selectable camera angles.

While playback a DVD disc , press SUBTITLE button to select the language of the viewable subtitle. A DVD disc may contain up to 32 selectable subtitles.

While playback a DVD disc , press AUDIO button to select the language of the audio sound track. A DVD disc may contain up to 8 selectable audio sound tracks.

> **NOTE** Some DVD discs do not have multiple ANGLES, SUBTITLES or AUDIO features.

Volume Up/Down

While playback a disc ,
press the VOLUME button - or +
to adjust the volume level.

| Volume 01 | |

Step

(STEP)---Press STEP button when play a DVD file.
it steps frame by frame.
Press PLAY button to quit the STEP mode.

Zoom

Press the ZOOM button repeatedly and the TV Screen will display:
2X ➡ 3X ➡ 4X➡ OFF

> **NOTE** The picture quality decreases as the picture size increases.

Setup

Press the SETUP button to enter the player`s setup menu.
The SETUP Menu allows the viewer to adjust the setting details of the player. Please read the SETUP Menu contents of the manual, for further directions on how to utilize the SETUP Menu.

Program

Press the PROGRAM button to enter the program menu.

For DVD/ CD/ MP3 disc Pgrogram Playback

A. Press PROGRAM button three times to select the Program.
B. Press ENTER to display the Program List.
C. Press the Direction buttons to highlight the input table.
D. Press the Numeric button to input numbers.
   To delete incorrect input: press CLEAR button or select the Clear All in the Program List and confirm by pressing ENTER button.
F. Repeat above steps can preset up to 20 tracks.
G. To start program playback, press Play button or select the Play in Program List and press ENTER button.
F. To exit program playback, press PROGRAM button to select Normal (N) or Random(R) playback.

DVD-Program List

DVD	MAX: 7	DVD-Program List

| Total: 0 | Tt | Chp | Play | Clear All |

Note: MAX 7 means that there're 7 Titles on the disc.

CD-Program List

HDCD	MAX: 16		CD-Program List
Total: 0	Trk No.	Play	Clear All

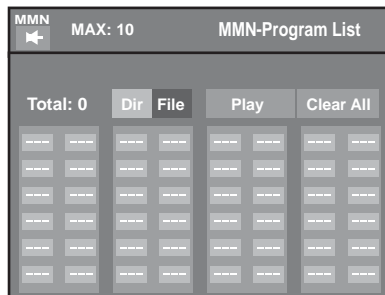|			
01 ----	06 ----	11 ----	16 ----
02 ----	07 ----	12 ----	17 ----
03 ----	08 ----	13 ----	18 ----
04 ----	09 ----	14 ----	19 ----
05 ---	10 ----	15 ----	20 ----
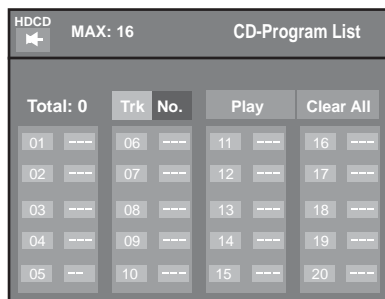
Note: MAX 16 means that there're 16 tracks
on the disc.

MP3-Program List

MMN	MAX: 10		MMN-Program List
Total: 0	Dir File	Play	Clear All

***Note:*** MAX 10 means that there're 10 folers
on the disc.

NOTE
Some DVD discs do not allow program setting.
Neither single track nor mp3 disc can be
programmed.

Setup Menu
Various features of the player can be adjusted in the
SETUP menu:

1. Press the SETUP button to display the setup menu.
2. Press the direction buttons to select the desired item.
3. Press ENTER to confirm.

Language		
OSD Language	▶	
Menu	▶	
Audio	▶	
Subtitle	▶	
Screen Saver	▶	
Default Reset	▶	
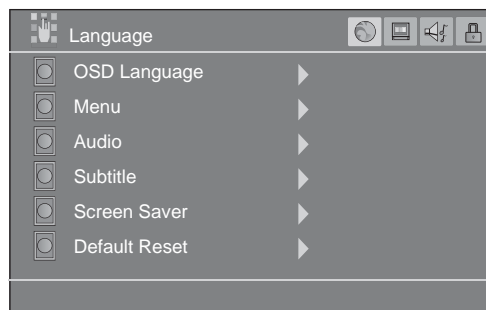
Language Setup

Item	Instruction	Default setting
OSD Language	Select OSD Language	English
Menu	Select Menu Language	English
Audio	Select Audio Language	English
Subtitle	Select Subtitle Language	English
ScreenSaver	Set screensaver on/off	On
Default Reset	Restore all settings to the factory default.	

Display Setup

Item	Instruction	Default setting
Aspect Ratio	Select aspect ratio as 16:9, 4:3L-Box, 4:3 PS	4:3L-Box
TV Type	Setup TV Type from Auto, NTSC, PAL	NTSC

Audio Setup

Item	Instruction	Default setting
SPDIF Digital	Select from PCM, RAW, OFF.	RAW
Channel Output	Select channel output mode as LT/RT, Stereo	Stereo

Parental Setup

Item	Description	Default
Rating Level	Sets the maturity rating level of the player. The player will not play any discs rated higher than this setting. There are eight rating levels. Level 1 will restrict playback to discs suitable for people of all ages. Level 8 will allow playback of all discs, including those suitable for adults only. To set the rating level: 1. Select " Rating Level" and press ENTER 2. Select the level you want from the menu. 3. Press ENTER. You are required to input the password then. The new setting works upon the password is confirmed.	8
Change	Enter the old password, the new password, and then the new password again to verify and change the Parental Settings password. Restoring the player's default settings will not reset the password. *DO NOT FORGET THE PASSWORD; THIS PASSWORD CAN NOT BE RESET.* The initial password is 8888.	

If you have a problem with this unit, please read the troubleshooting guide below and check our website at www.cobyusa.com for Frequently Asked Questions (FAQs) and firmware updates. If these resources do not resolve the problem, please contact Technical Support.

Consumer Care / Tech Support

800-727-3592: Weekdays 8:00AM -9:00PM EST
　　　　　　　Saturday　9:00AM -5:30PM EST
718-416-3197: Weekdays 8:00AM -5:30PM EST

Email us at techsupport@cobyusa.com

Or visit us on the web at www.cobyusa.com

Symptom	Check and Action
No Power	• Make sure the unit has been powered on manually. • Check if the power cord has been properly connected to the power outlet. • Check if the Main Power switch on the unit is turned on.
Does not play	• No disc, load a disc. • Disc has been loaded upside down. Place the disc with the label side up. • Disc's region code does not match to the player's. • Disc's rating level is higher than the player's setting. • Disc is incorrect type for the player. • Disc is damaged or dirty. Clean the disc or try another one. • Moisture may be condensed inside the player. Remove the disc and leave the unit power on for one or two hours.
No Picture	• Check if the TV set has been powered on, use TV remote to select A/V signal for DVD rather than broadcast. • Check if the system connection is proper and secure. • Check if the connection cables are damaged. • Clean the disc. • Please press OPEN button, then press PROGRAM and ZOOM button to return factory default status.
Picture noisy / distorted	• The disc is dirty or damaged. Clean the disc or try another disc. • Reset the color system of the TV set. • Make sure the DVD is not connected through a VCR,Cable or Satellite dish.
Picture not full screen	• Select the screen format from the player's Set Up Menu. see " Set Up Menu. " of this manual. • Select the screen setup from DVD disc menu.
Problem message displayed on screen	Following messages will be displayed when there is a problem with the loaded disc: • "WRONG REGIONAL DISC": Disc's region code does not match to the player's • "WRONG PASS WORD": The player refuses to play a disc with a rating level higher than the player's rating level setting.

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION : To reduce the risk of fire and electric shock, do not remove the cover (or back) of the unit.Refer servicing only to qualified service personnel.

Symptom	Check and Action
Problem message displayed on screen	• "WRONG DISC" : The player is equipped with automatic disc quality detection software. When the player detects a problem or damaged disc, the player may keep playing the disc at lower quality or stop playing, depending on the damage level of the disc.
Malfunction	• Press and hold the standby button (if any) for about 5 seconds to power off. • Should the player develop a malfunction, unplug the player for 30 minutes. After 30 minutes, power on the player and the restore function should reset the player.
Cannot SKIP or SEARCH	• Some discs are programmed that do not allow users to SKIP or SEARCH at some sections, especially at the beginning WARNING section. • Single Chapter disc cannot apply SKIP function.
No sound or sound output not complete	• Check if the TV and Amplifier have been switched on,and correctly set. • Check if the TV and Amplifier system connections are secured. • Press AUDIO button to select other audio tracks output of disc. • Check if the MUTE function of the TV or Amplifier has been activated. • There will be no sound output during REVERSE PLAY / PAUSE / STEP / SLOW and SEARCH.
MP3 disc no sound or noisy	• When PC program files or other data files are mixed with MP3 files in the same disc, the player may play the non-MP3 files with noise or no sound. • Check the disc, if all the files on disc are MP3 files, Skip the file and try other ones.
Remote control does not function	• Make sure the Power button on the unit has been turned on manually. • Remove the obstacles between the remote control and the player. • Point the remote control towards the remote sensor on the player. • Check if the batteries of the remote control have been loaded with correct polarities. • Replace the batteries of the remote control.
Type of Disc	DVD CD-DA CD-MP3 CD-R / CD-RW

Video Format	MPEG 2
Audio Format	MPEG 1, LAYER 1, LAYER 2, LAYER 3
Signal Output	Color System: PAL / NTSC Audio System: DOLBY DIGITAL down mix stereo 　　　　　　　　DOLBY DIGITAL digital output 　　　　　　　　Audio DAC 18bit/48KHz Video Ouput: 1Vpp (at 75ohm) Audio Output (Stereo): 2Vrms (1KHz, 0dB)
Frequency Response	CD:　　2Hz-20KHz(EIAJ) DVD:　4Hz-22KHz(48K) 　　　　4Hz-22KHz(96K)
S / N ratio	CD audio: 115dB(EIAJ)
THD	CD audio: 0.01%(EIAJ)
Output Terminals	Video (composite) output x 1 Down Mix Stereo output (Left and Right) x 1 Digital audio (coaxial) output x 1
Power input	AC110-240V~50/60Hz 15W (Max.)
Pickup	Wave length: 655nm
Laser power	CLASS I

907-DVD2-0912-00R

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