### PLAYBACK OF AN MP3

### PLAYING MP3

MP3 is an audio file format which compresses recorded music. The main advantage of the mp3 format is the ability to store CD-quality music tracks on a personal computer in user-friendly, compressed files

Before inserting a disc, check that it is compatible with the player:

- 1. Turn on the DVD by pressing the STANDBY ON/OFF button and open the disc tray by pressing the OPEN/CLOSE button.
- 2. Place the disc in the tray with the printed side facing up and close the tray.
- 3. Select a folder using the Navigation (▲, ▼) buttons, then press the ENTER/PLAY button to see the folder's contents.
- 4. Select a track using the Navigation (▲, ▼) buttons, then press the ENTER/ PLAY button to start playback.
- 5. Press the STOP (■) button to stop playback.
- 6. To go back to the folder list, press the Navigation (◄) button in stop mode.
- 7. For Skip and Search functions, please refer to the basic playback options.
- 8. Enter the track/file using the number buttons to directly select or playback a file.

### **PICTURE CD**

Insert a CD with picture files on it.

Note: The time taken for the contents of the disc to be displayed varies according to the memory size and number of pictures actually on the disc. If nothing is displayed after a few minutes, it is likely that certain files are too large. In this case, reduce the file resolution to less than 5 megapixels and try again.

### **Picture CD Basic Operation**

- Press the STANDBY ON/OFF button to turn on the unit; the STANDBY indicator will go out.
- Press the OPEN/CLOSE button to open the disc tray, "OPEN" will appear on the TV screen. Insert a picture disc with the label side facing up on the disc tray. Press the OPEN/CLOSE button to close the disc tray. "LOADING" will appear on the TV screen. After loading, playback will start automatically. During playback, the display on the DVD unit will count the number of picture files as they are shown on the TV screen. **NOTE:** If there are multiple folders on the disc, press the Navigation ( $\blacktriangle$ ,  $\checkmark$ ) buttons to select a folder. Then press the ENTER/PLAY > button to view the pictures in the selected folder
- Press the Skip () or () button to skip through the pictures. The unit will playback all the pictures on the disc then the menu will appear on the TV screen. Press the Navigation  $(\blacktriangle, \forall, \triangleleft, \blacktriangleright)$  buttons to select the desired picture and press the ENTER/PLAY ► button to playback the desired picture again. If the screen saver option is set to on, the screen saver will turn on in about one minute when the menu appears on the TV screen.
- To select a photo during playback: press the Number buttons corresponding to the picture that you would like to view (i.e. for the first picture on the disc, enter "001"). To pause the photo slideshow: press the PAUSE/STEP button.
- To resume playback: press the ENTER/PLAY ► button.

To stop playback of the picture CD: press the STOP (
) button.

### MENU SYSTEM

### TO ACCESS THE MAIN MENUS:

The setup menu lets you customize the DVD player by allowing you to select various language preferences, set up a parental level, turn captions and screen saver on and off, adjust what type of television screen you have and more.

Below, find the menu, and then find the corresponding page that describes the features of the selected menu option.

Enter the SETUP MENU by pressing the SETUP button. Use the Navigation  $(\blacktriangleleft, \blacktriangleright, \blacktriangle, \blacktriangledown)$ buttons to navigate through the menus/screens and press the ENTER/PLAY > button to select the highlighted option.

To Exit the SETUP MENU, press the SETUP button.

### **GENERAL SETUP**

**TV Display:** Choose a display that affects how a disc's content appears on your TV screen

Normal/PS (4:3 Standard): reproduces a 4:3 picture with some distortion.

Normal/LB (4:3 Letterbox): gives best reproduction of pictures recorded in this format (i.e., with horizontal bands at the top and button of the screen)

Wide (16:9 Widescreen): reproduces 16:9 format films in full, on a 16:9 screen.



Angle Mark: Select ON to turn the angle marks on and OFF to turn them off. Angle marks are not available on all DVDs.

OSD Language: Select the desired language for the On-Screen display to display text. The DVD must have the language included in order to display it.

Captions: When this option is set to ON, closed captions will appear on the screen for A Division of Imation Enterprises Corp. the hearing impaired (if recorded on the DVD). When OFF, the closed captions will not appear

NOTE: The Caption function is for AV or S-Video connection with CC1 only.

Pickup:

Wavelength

Laser Power

### MENU SYSTEM (CONTINUED)

Screen Saver: When this option is set to ON, the screen saver will come on when the unit stops or the image is paused for approximately one minute. When this option is OFF, the screen saver will not come on.

HDMI Setup: Select the output resolution to correspond with your TV (480i, 480p, 720p (60Hz), 1080i (60Hz) or 1080p (60Hz). Refer to your TV's owner's manual for optimal resolution. The setting can also be changed by pressing the HDMI/PS button. NOTE: If the TV screen is blank, press the HDMI/PS button repeatedly until the picture appears on the screen again.

HDMI Audio: Select the desired audio format: AUTO: No signal output for the coaxial output port **PCM:** Select to hear the Digital Output in PCM format.

## SPEAKER SETUP

### Downmix:

LT/RT: Select to hear the sound in theatrical downmix mode. STEREO: Select to hear the sound in Stereo downmix mode.

### DOLBY DIGITAL SETUP

Dynamic: Use to slider to set the Dynamic Range. Set to OFF to turn Dynamic Range Off.

### PREFERENCE SETUP

Audio: Select the language the DVD will be played back in (English, French, Spanish, German, Japanese). The DVD must be recorded in the selected language, otherwise the default language of the DVD will be played.

Subtitle: Select the language the Subtitle (OSD) will be in (English, French, Spanish, German, Japanese, Off). The DVD must be recorded in the selected language, otherwise the default language of the DVD will be shown.

Disc Menu: Select the language the DISC MENU will be in (English, French, Spanish, German, Japanese). The DVD's DISC MENU must be made in the selected language, otherwise the default language of the DVD will be shown.

**Default:** Select this option to reset all the preferences to their original factory settings.

### **SPECIFICATIONS**

	Power Requirements	
	Power Consumption<15W (approx. 2V	
	Weight	
	Dimensions	14.2 (L) x 8.5 (W) x 1.9 (H) inches
	Weight and dimensions are approximate.	
	Signal System	
	Operating Temperature	
	Operating Humidity Range	
5	Discs Played:	
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		8cm double-sided, single layer
	COMPACT DISC (VIDEO CD)	
/	/ Video Output Loval	
	Video Output Level	
`	Audio Output Level	2Vrms (1KHZ, UdB)
	Audio Signal Output Characteristics:	
	Frequency Responses:	201 = 2017 = (4017) = (2017) = 2000 = 1000
	DVD (Linear Audio)	· · · ·
	CD Audio	
	S/N Ratio	
	Wow and Flutter	Below Measurable Level

Specifications are subject to change without notice.

FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE, PLEASE VISIT OUR WEBSITE AT: WWW.MEMOREX.COM

FOR CONSUMER REPLACEABLE PART(S), SEE PART NUMBER(S) IN THE LOCATION OF CONTROLS SECTION ON PAGE 2, AND THEN CONTACT FOX INTERNATIONAL AT: 1-800-321-6993.

Imation Electronic Products, Weston, FL Printed in Hong Kong Visit our website at www.memorex.com



Set Downmix Mode



CAUTION:
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WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

- future reference

.655nm

..Class 1

152-20470-0320

- 5. CLEANING
- 6. ATTACHMENTS



Set TV Display Mode

# mem::rex.

## **DVD** Player **User's Guide MVD2047**

## IMPORTANT SAFETY INSTRUCTIONS



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. This Caution Marking and Rating Label are located at the rear enclosure of the unit.

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 to persons

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the ∆ appliance

### GITAL VIDEO DISC PLAYER EMPLOYS A SYSTEM.

URE PROPER USE OF THIS PRODUCT. READ THIS OWNER'S MANUAL JLLY AND RETAIN FOR FUTURE NCE. SHOULD THE UNIT REQUIRE NANCE, CONTACT AN AUTHORIZED E LOCATION-SEE SERVICE PROCEDURE. CONTROLS ADJUSTMENTS OR THE RMANCE OF PROCEDURES OTHER THAN SPECIFIED HEREIN MAY RESULT IN DOUS RADIATION EXPOSURE.

EVENT DIRECT EXPOSURE TO LASER DO NOT TRY TO OPEN THE ENCLOSURE. LASER RADIATION MAY BE PRESENT THE ENCLOSURE IS OPENED. DO NOT STARE INTO BEAM.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE

ATTENTION: POUR ÉVITER LES CHOC ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISES ET POUSSER JUSQU'AU FOND.

### SURGE PROTECTORS:

It is recommended to use a surge protector for AC connection. Lightning and power surges ARE NOT covered under warranty for this product

### LASER WARNING:

This unit employs a laser. Only qualified service personnel should attempt to service this device due to possible eve injury.

Before using the unit. be sure to read all operating 8A. An appliance and cart combination should instructions carefully. Please note that these are general precautions and may not pertain to your unit. For example, this unit may not have the capability to be connected to an

1. READ INSTRUCTIONS All the safety and operating instructions should be read before the product is operated

2. RETAIN INSTRUCTIONS The safety and operating instructions should be retained for

3. HEED WARNINGS All warnings on the product and in the operating instructions

should be adhered to. 4. FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth

### Do not use attachments not recommended by the product's manufacturer as they may cause hazards.

7. WATER AND MOISTURE Do not use this product near water-for example: near a bathtub, washbowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool.

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

The symbol for class II  $\Box$ (Double Insulation)

## FCC NOTICE:

This equipment complies with Class B digital device regulations. 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 requency energy and, if not installed and used ir accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will no occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to orrect the interference by one or more of the following neasures

- 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

FCC CAUTION:

To assure continued compliance, follow the attached installation instructions and use only shielded cables when connecting to other devices. Also, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Manufactured under license from Dolby Laboratories "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. ©1992-1997 Dolby Laboratories, Inc. All rights reserved

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

- be moved with care. Quick stops, excessive force and uneven surfaces may cause the appliance and cart combination
- VENTILATION

Slots and openings in the cabinet and in the back or bottom are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat source. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10. POWER SOURCES This 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 appliance dealer or local power company. For products intended to operate from battery power, or other sources refer to the operating instructions.

### 11.GROUNDING OR POLARIZATION

This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. 12. 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 appliance 13. LIGHTNING

- To protect your product from a lightning storm, or when it is 22. DAMAGE REQUIRING SERVICE 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 product due to lightning and power-line surges. 14. POWER LINES
- An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 15. OVERLOADING Do not overload wall outlets and extension cords as this can esult in a risk of fire or electric shock.
- 16. OBJECT AND LIQUID ENTRY Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid on the product
- 17. OUTDOOR ANTENNA GROUNDING If an outside antenna is connected to the product, be sure the

antenna system is grounded so as to provide some protection against voltage surges and built-up static charges Section 810 of the National Electric Code, ANSI/NFPA 70. provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge product, size of grounding conductors, location of antenna discharge product, connection to grounding electrodes and requirements for

## grounding electrodes 18. SERVICING

Do not attempt to service this product yourself as opening o removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service

### 19. REPLACEMENT PARTS

- When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire
- electric shock or other hazards. 20. SAFETY CHECK
- Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition

### NOTES ON HANDLING:

- When shipping the DVD player, always use the original shipping carton and packing materials. For maximum protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time. They will leave marks on the finish
- The top and rear panels of the DVD player may become warm after a long period of use. This is normal and not a malfunction.
- When the DVD player is not in use, be sure to remove the disc and turn off the power. If you do not use the DVD player for a long
- period, the unit may not function properly in the future. Turn on and use the DVD player occasionally

### NOTES ON CLEANING:

Use a soft, dry cloth for cleaning.

- For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry. Do not use any type of solvent, such as thinner and benzene, as they may
- damage the surface of the DVD player If you use a chemical-saturated cloth to clean the unit. follow that product's instructions.

Warning: Cleaning and adjustment of lenses and/or other components of playback mechanism should be performed by a qualified service technician.

### NOTE ON LOCATING THE DVD PLAYER:

When you place this DVD player near a TV. radio or VCR, the playback picture may become poor and the sound may be distorted. In this case, move the DVD player away from the TV, radio or VCR.

POWER SOURCE

outlet having 120V, 60Hz.

NOTE: The AC plug supplied with the unit is polarized to help minimize the possibility of electric shock. If the AC plug does not fit into a nonpolarized AC outlet, do not file or cut the wide blade. It is the user's responsibility to have an electrician replace the obsolete outlet.

## EFFECTIVE DISTANCE OF THE REMOTE CONTROL TRANSMITTER

# NOTES:

- When there is an obstacle between the DVD and the transmitter, the transmitter may not operate
- When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the REMOTE SENSOR of the DVD, the remote operation may be unstable.

e. If the product has been dropped or the cabinet has been damaged. f. When the product exhibits a distinct change in performance-this indicates a need for service 23 HEAT The product should be situated away from heat sources such as radiators, heat registers, stoves or other products

The product should be mounted to a wall or ceiling only as

Unplug the product from the wall outlet and refer servicing to

d. If the product does not operate normally by following the

operating instructions. Adjust only those controls that are

covered by the operating instructions, as an adjustment of

other controls may result in damage and will often require

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 faller

c. If the product has been exposed to rain or water

extensive work by a gualified technician to

restore the product to its normal operation

21. WALL OR CEILING MOUNTING

into the product.

recommended by the manufacturer

- iding amplifiers) that produce hea 24. NOTE TO CATV SYSTEM INSTALLER This reminder is provided to call the CATV system installer's
- attention to Article 820-40 of the NEC that 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



EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL COD

NOTES ON MOISTURE CONDENSATION: Moisture condensation damages the DVD player Please read the following carefully.

PRECAUTIONS

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player.

### Moisture condensation occurs during the following cases:

- When you bring the DVD player directly from a cold place to a warm place.
- When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the DVD player in a hot and humid place just after you moved the unit from an air conditioned room
- When you use the DVD player in a humid place. Do not use the DVD player when moisture condensation may occur.
- If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD plaver to the wall outlet, turn on the DVD player and leave it "ON" for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.

### TO OBTAIN A CLEAR PICTURE:

The DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement) every 1,000 hours of use depending on the operating environment. For details, contact your nearest dealer





### INSTALLING THE REMOTE CONTROL'S BATTERY

### **Replacing the Remote Batteries**

- 1. Remove the battery cover by pressing in on the tab and the lifting the cover off.
- 2. Insert a CR2025 button-type battery into the battery compartment with the "+" facing up. Replace the battery cover



### **BATTERY PRECAUTIONS**

- Follow these precautions when using batteries in this device: 1. Warning-Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- 2. Use only the size and type of batteries specified.
- 3. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
- 4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- 5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)

### LOCATION OF CONTROLS





- 1. Disc Compartment
- 2. OPEN/CLOSE Button
- 3. Display
- 4. Play/Pause ►II Button
- 5. Stop Button
- 8. Remote Sensor
- 9. Power Button
- 10.ON/STANDBY Indicator

6. Skip/Search Down (₩) Button

7. Skip/Search Up ()→) Button

### REAR



- 1. AC Power Cord
- 2. HDMI Jack
- 3. Component Video (Y, PB, PR) Output Jacks

AV Cable Part No. 043-28102-533-001\*

### REMOTE



- 4. Coaxial Digital Audio Output Jack
- 5. S-Video Output Jack
- 6. Audio Left/Right Output Jacks
- 7. Video Output Jack
- 1. HDMI/PS Button
- STANDBY ON/OFF Button 2.
- 3. Number Buttons
- 4. REV (Reverse) (◀) Button
- 5. OPEN/CLOSE Button
- Navigation (▲) Button 6
- 7. ANGLE Button
- 8. ENTER/PLAY ► Button
- 9. Navigation (◄)/SKIP (₩) Button
- 10. Navigation (▼) Button
- 11. SEARCH Button
- 12. TITLE/RETURN Button
- 13. SUBTITLE Button
- 14. DISPLAY Button
- 15. MUTE Button
- 16. REPEAT/A-B Button
- 17. PAUSE/STEP Button
- 18. FWD (Forward) ()→ Button
- 19. STOP (■) Button
- 20. ZOOM Button
- 21. Navigation (►)/SKIP (➡) Button
- 22. SETUP Button
- 23. AUDIO Button
- 24. DVD MENU/PBC Button

REMOTE PART NO. HS-MVD2047-BLK-320\*

\*Consumer Replaceable Part (See bottom of page 4 to order.)

Connection DVD to TV



You can also use the Coaxial Digital Out as described below.

player. Connect the other end to the VIDEO IN jack on the TV.

Use these jacks to connect to a TV with progressive

video input jacks, press the HDMI/PS button to select

the compatible resolution of the TV. Progressive scan

is a video scanning system that displays all lines in a

frame in one pass, as opposed to the traditional

system, interlaced scan. This connection provides

2. Connect the video cable (Select one of the following connections for video.)

(BETTER) PROGRESSIVE (Y, PB, PR) VIDEO OUT:

**NOTE:** When connecting the system cables, turn off the power and make certain the AC cord has been removed from the wall outlet. See figure on previous page.

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6

G discs.

optimum quality. To ensure maximum picture quality, use three video-grade cables for connections. Note that it is essential to match the color-coded connectors with a compatible TV.

NOTE: IF THE TV SCREEN IS BLANK. PRESS THE HDMI/PS BUTTON REPEATEDLY UNTIL THE PICTURE APPEARS ON THE SCREEN AGAIN.

(BEST) HDMI (not shown): Connect an HDMI cable (Not included) to the HDMI jack on the rear of the DVD player. Connect the other end to the HDMI IN jack on the TV. HDMI transfers audio and video signals, so if using HDMI, there is no need to connect to audio separately. Press the HDMI/PS button to select the compatible resolution of the TV. **IMPORTANT HDMI NOTE:** When using HDMI as your video source, setup the HDMI in the

General Setup Menu as described later in this manual. If your TV does not have Audio and Video input jacks and only has an RF jack, you need to connect an FR modulator (not provided).

### Connecting the DVD to a Home Theater System



Place the subwoofer, front, rear and center speakers in locations as shown/described here. After correctly positioning the speakers, perform the Tone Test on the AV Amplifier and adjust the volume controls until the desired sound is achieved. For best results, sit in the viewing position and have someone adjust the volumes for you; this will enable you to set the optimal levels.

### NOTES FOR CONNECTING TO A TV:

- If your TV has an HDMI input, connect the DVD player with the component cable for best results, otherwise use the Component, S-Video or Video OUT jack on the DVD player.
- Set the TV's TV/VIDEO button or switch to the VIDEO setting.
- · When connecting the DVD, refer to the owner's manuals for the TV and the audio system, as well as this manual.
- · When connecting, make sure the power is off and all units are unplugged before making any connections
- · Connect the DVD player to your TV directly. If you connect the DVD player through a VCR, the playback picture will be distorted because DVD video discs are copy protected.
- If using a TV with a blue screen option, turn the option off for best results.
- · If you place the DVD player near a tuner, the radio broadcast sound might be distorted. In this case, move the DVD player away from the tuner.

## CONNECTIONS

1. Connect the Left and Right audio cables to the Left and Right AUDIO OUT jacks on the

rear of the DVD player. Connect the other ends to the Left and Right IN jacks on the TV.

(GOOD) BASIC: Connect the video cable to the VIDEO OUT jack on the rear of the DVD

(VERY GOOD) S-VIDEO (not shown): Connect the S-Video cable to the S-VIDEO jack

on the rear of the DVD player. Connect the other end to the S-VIDEO jack on the TV.



# Regional Coding player.

Component Video Cable

playback.

PAUSE AND STEP: Press the PAUSE/STEP button while in the Play mode to pause the picture. To advance one frame at a time, press the PAUSE/STEP button repeatedly. To resume normal playback, press the ENTER/PLAY ► button.

### **PLAYING DISCS**

This DVD player is capable of playing the following types of discs: DVDs, DVD+/- R, DVD+/- RW, Audio CDs, Video CDs, CD/CD-R/RW with MP3 files, MPEG4 and Kodak Picture CDs. Before you insert a disc in the player, make sure it is compatible.



You cannot play the following types of discs: laser Discs, CD-I, CD-ROM (computer discs), DVD-ROM or discs recorded using other broadcast standards (i.e. PAL or SECAM) or CD-

NOTE: Some discs may not be compatible due to laser pickup, recording formats and software used. Some technologies and methods used for MP3 file recording on CD-R/RWs can prevent optimal playback of these files by degrading the sound quality and/or the ability for the player to read the file.

Both the DVD Player and the discs are coded by region. These regional codes must match in order for the disc to play. The region code for this DVD player is listed on the back of the

### **BASIC PLAYBACK OPTIONS**

### DVD/CD/VCD BASIC OPERATION

1. Plug the power cord into the outlet once the DVD player is connected to your TV.

2. Turn on the TV and tune to its Video Input Channel, if necessary.

3. Press the STANDBY button on the remote or the Power button on the main unit to turn on the unit; the On/Standby indicator will turn off.

4. Press the OPEN/CLOSE button to open the disc tray. Insert a disc with the label side facing up on the disc tray. Press the OPEN/CLOSE button again to close the tray; playback will start automatically.

5. If the Menu appears, use the Navigation ( $\triangleleft$ ,  $\triangleright$ ,  $\blacktriangle$ ,  $\bigtriangledown$ ) buttons to select the desired option and press the ENTER/PLAY ► button to select it.

6. To stop playback, press the STOP (I) button. Because the unit will remember where you stopped (not applicable in CD mode), simply press the ENTER/PLAY ► button to resume playback where you left off (resuming playback). If the STOP (■) button is pressed twice, the unit will stop completely. If the player is left in Stop/Pause mode for more than one minute without any user interaction, the screen saver will activate if the Screen Saver menu option is set to ON. There is no resume function when playing CDs.

SEARCH FORWARD/REVERSE: During playback, press the FWD **>>** or REV **<** button to move the disc forward or backward at double (x2) speed to locate a specific section. Repeatedly press and the speed will increase to x4, x8, x16 and resume normal

NOTE: The disc will move forward or backward at high speed until you press the ENTER/PLAY ► button; normal playback will resume at that point.

**SKIP:** Press the Skip (♥) button to advance the disc to the beginning of the next chapter/track. Press the Skip (H) button to move the disc to the beginning of the previous chapter/track.

ZOOM: Press the ZOOM button once during Normal or Still playback modes, and the unit will zoom x2. Press once or twice more and the unit will zoom x3 or x4. Use the Navigation (◀,►,▲,▼) buttons to move the image on the TV screen. Press the ZOOM button once more to cancel the zoom function. This is not available on all discs.

SLOW FORWARD AND REVERSE: Press the PAUSE/STEP button to pause the playback, then repeatedly press the FWD ►► button to move the DVD forward in slow motion speeds of 1/2, 1/4, 1/8, 1/16 and resume normal playback. Repeatedly press the REV ◀◀ button to move the DVD backward in slow motion speeds of 1/2, 1/4, 1/8, 1/16 and resume normal playback. The sound will be muted. You can also press the ENTER/PLAY ► button to resume normal playback.

### **BASIC PLAYBACK OPTIONS (CONTINUED)**

TITLE/CHAPTER SEARCH (DVD ONLY): Press the SEARCH button once. Press the Navigation  $(\blacktriangleleft, \triangleright)$  buttons to select Title, then use the Number buttons to select the desired title number (i.e. for number 5, press "05"). Playback will start immediately. OR Press the Navigation  $(\blacktriangleleft, \blacktriangleright)$  buttons to select the Chapter, then use the Number buttons to select the desired chapter number (i.e. for number 2, press "02"). Playback will start immediately.

TITLE/CHAPTER/TIME SEARCH (DVD ONLY): Press the SEARCH button twice. Press the Navigation  $(\blacktriangleleft, \triangleright)$  buttons to select Title, then use the Number buttons to select the desired title number (i.e. for number 5, press "05"). Playback will start immediately. OR

Press the Navigation  $(\blacktriangleleft, \blacktriangleright)$  buttons to select the Title Time, then use the Number buttons to select the desired Title Time (Hour/Minutes/Seconds); playback will start immediately. Press the SEARCH button a third time. Press the Navigation (◀,►) buttons to select the Chapter, then use the Number buttons to select the desired chapter number (i.e. for number 5, press "05"). Playback will start immediately. OR Press the Navigation  $(\blacktriangleleft, \blacktriangleright)$  buttons to select the Chapter Time, then use the Number buttons to select the desired Chapter Time (Hour/Minutes/Seconds); playback will start

### PLAYBACK MODES

### **Repeat Playback**

While the disc is playing, press REPEAT/A-B button repeatedly to select a play mode: DVD play modes: Chapter repeat, Title repeat, A-B Repeat, Off

CD play modes: Track repeat, All track repeat, A-B Repeat, Off VCD Mode (PBC control must be off): Track repeat, All track repeat, A-B Repeat, Off MP3 Mode: Track repeat, Folder repeat, Folder

### A-B Repeat

immediately.

To repeat a segment between two points (A and B), press the REPEAT/A-B button three times to define the segment you want to repeat. Allow the disc to play to the end of the segment or use FORWARD to advance to the end point (B). Press the REPEAT/A-B button again at the end of the segment. The segment plays repeatedly until you press REPEAT/A-B to resume normal playback.

### ADVANCED PLAYBACK OPTIONS

ANGLE MARK: While in the Playback mode, press the ANGLE button; the total number of angles will appear on the screen. Repeatedly press the ANGLE button to select the desired angle; the angle will change in one to two seconds. This is not available on all discs.

AUDIO (DVD AND VCD): Some discs have several audio tracks used for different languages or different audio formats. To change the language or audio format during play, press the AUDIO button one or more times to select one of the available audio formats or languages. For VCD select (Mono-left, Mono-right, Mix-mono, Stereo). Note: This option is only available if the disc offers a number of languages or formats.

PLAYBACK CONTROL (PBC): The Playback Control feature is available only on Video CDs. Press the DVD MENU/PBC button to turn the PBC feature on and off. The Playback Control feature supports the menus of the VCD format similar to a DVD menu.

MUTE: To mute the playback sound, press the MUTE button.

SUBTITLE MENU: Press the SUBTITLE menu button to select a subtitle language and the turn the subtitle menu on/off if your subtitle feature is available on the disc.

TITLE MENU: To display the title menu if available on the disc press the TITLE/RETURN menu button. Then use the Navigation (◀,►,▲,▼) buttons to select your desired option and press ENTER/PLAY ► button.

DISPLAY BUTTON: Each press of the DISPLAY button will display the elapsed time and emaining time of a playing disc. Each press of the DISPLAY button will cycle through, depending on the playback mode, as follows:

	DVD	CD/VCD
1st press	Title Elapsed Time	Single Elapsed Time
2nd press	Title Remaining Time	Single Remaining Time
3rd press	Chapter Elapsed Time	Total Elapsed Time
4th press	Chapter Remaining Time	Total Remaining Time
5th press	Off	Off

MP3: Press the DISPLAY button to select between the Track Elapsed Time and Track Remaining Time.

NOTE: For VCD, if the PBC is on, the Total Elapsed Time and Total Remaining Time will not be available.