

D640

Progressive Scan DVD Player

User's Guide



www.govideo.com

GO.VIDEO®

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FCC & Safety Information

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 to radio communications. However, there is no guarantee that interference will not 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 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.

Macrovision Notice

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

CAUTION

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM. WARNING LOCATION: INSIDE ON LASER COVERSIELD.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



This symbol 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 risk of fire or electric shock.



This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying this product.

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

CAUTION:

This unit employs a laser. Due to possible eye injury, only qualified service personnel should remove the cover or attempt to service this device. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

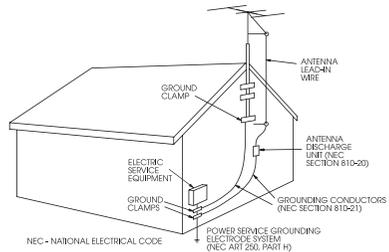
Important Safety Instructions

- 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 future reference.
- 3 **Heed Warnings** - All warnings on the product and in the operating instructions should be adhered to.
- 4 **Follow Instructions** - All operating and using instructions should be followed.
- 5 **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 6 **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 7 **Water and Moisture** - Do not use this 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.
- 8 **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, 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.
- 9 A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
- 10 **Ventilation** - Slots and openings in the cabinet are provided for ventilation and 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 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.
- 11 **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



PORTABLE CART WARNING
(Symbol provided by RETAC)

- supplied to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 12 **Grounding or Polarization** - This product may be 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.
 - 13 **Alternate Warnings** - This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
 - 14 **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 product.
 - 15 **Outdoor Antenna Grounding** - If an outside antenna or cable system is connected to the 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 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



Important Safety Instructions (cont.)

- 16 **Lightning** - For added protection for this 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 product due to lightning and power-line surges.
- 17 **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.
- 18 **Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 19 **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 a fire or electric shock. Never spill liquid of any kind on the product.
- 20 **Servicing** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 21 **Damage Requiring Service** - Unplug this product from the wall outlet and 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 into the product.
 - c If the product has been exposed to rain or water.
 - 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 improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e If the product has been dropped or damaged in any way.
 - f When the product exhibits a distinct change in performance-this indicates a need for service.
- 22 **Replacement Parts** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 23 **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.
- 24 **Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- 25 **Wall or Ceiling Mounting** - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

Included Accessories

The following items are included with your DVD player:

- Remote Control
- AAA Batteries (2)
- Audio/Video Cable
- User's Guide
- Quick Reference Guide
- Product Registration Card

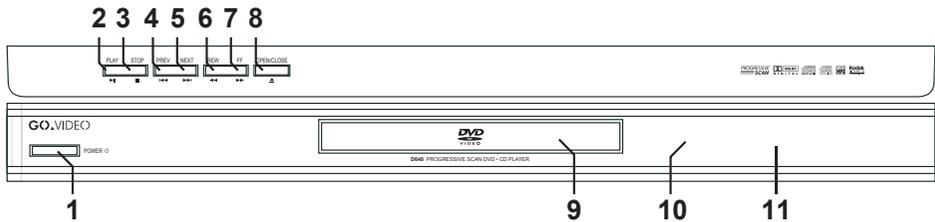
Compatible Discs

The following disc types are compatible with your DVD player:

- DVD
- VCD/SVCD
- CD
- HD-CD
- MP3/WMA/JPEG on CD-R/RW

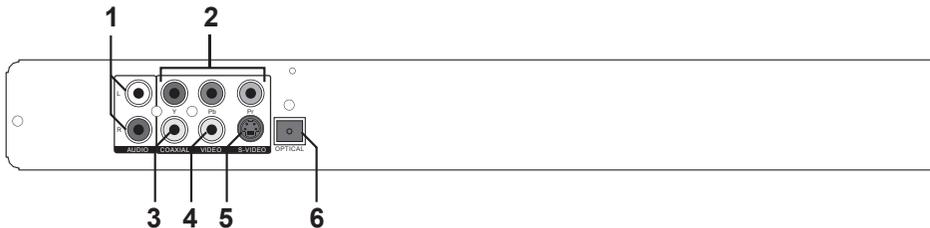
1 - Welcome

Front Panel Overview



- 1 POWER** - Turns the player on and off.
- 2 PLAY** - Starts/pauses playback.
- 3 STOP** - Stops playback.
- 4 PREV** - Skips to previous chapter/track.
- 5 NEXT** - Skips to next chapter/track.
- 6 REW** - Scans backward.
- 7 FF** - Scans forward.
- 8 OPEN/CLOSE** - Opens and closes the disc tray.
- 9 Disc Tray** - Insert disc here.
- 10 IR Sensor** - Receives input from the remote control.
- 11 LCD** - Displays player status.

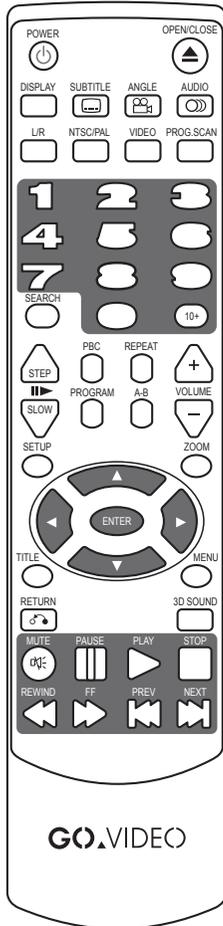
Rear Panel Overview



- 1 Audio Output** - Connects to the left/right audio inputs of a TV or stereo receiver.
- 2 Component Video/Progressive Scan Video Output** - Connects to the Progressive Scan or Component Video inputs of a TV.
- 3 Coaxial (Digital Audio Output)** - Connects to the coaxial input of a digital amplifier/receiver.
- 4 Video Output** - Connects to the standard video input of a TV.
- 5 S-Video Output** - Connects to the S-Video input of a TV.
- 6 Optical (Digital Audio Output)** - Connects to the optical input of a digital amplifier/receiver.

1 - Welcome (cont.)

Remote Control Overview



Inserting Remote Control Batteries

- 1 Remove the battery cover from the back of the remote control.
- 2 Insert the supplied batteries, paying attention to the correct polarities (+ and -).
- 3 Replace the cover.

0-9

Use to enter numbers in the on-screen menus. Also use to directly select chapter/track numbers; e.g., to select chapter 8, press 8.

10+

Use to directly select chapters/tracks numbered 10 or higher; e.g., to select chapter 25, press 10+, 10+, 5.

3D SOUND

Press to select among various preset EQ settings during audio playback.

A-B

Press to repeat an audio or video segment between two points (A and B) during disc playback.

ANGLE

Press to view the same scene from different angles during DVD playback (not available on all DVDs).

ARROW KEYS ▲ ▼ ◀ ▶

Press to navigate in the on-screen menus.

AUDIO

Press to select among all available audio tracks/formats during DVD playback.

DISPLAY

Press to display the current disc title, chapter, track, and other disc information.

ENTER

Press to confirm menu settings, passwords, etc.

FF ▶▶

Press repeatedly to scan forward at 2x, 4x, 8x and 20x normal speed.

L/R

Press to select the desired channels (Stereo, Mono, etc.) during audio playback.

MENU

Press to access the DVD's disc menu (if applicable).

1 - Welcome (cont.)

Remote Control Overview (cont.)

MUTE

Press to mute the audio during disc playback.

NEXT ►►

Press to skip to the next chapter or track during playback.

NTSC/PAL

Press to change the TV system for use in different countries. NTSC is used in the United States.

OPEN/CLOSE ▲

Press to open and close the disc drawer.

PAUSE

Press to pause playback. Press again to resume playback.

PBC

Press to toggle Playback Control on and off when playing a Video CD.

PLAY ►

Press to start playback.

POWER

Press to turn the player on and off.

PREV ◀◀

Press to skip to the previous chapter or track during playback.

PROG.SCAN

Press to switch among Progressive Scan, Component Video, and S-Video (only applicable when using the Component Video or S-Video connections to your TV).

PROGRAM

Press to program a custom playback order.

REPEAT

Press to repeat a Title, Chapter, or Track.

RETURN

Press to return to the last menu viewed or to exit the menu system.

REWIND ◀◀

Press repeatedly to scan backward at 2x, 4x, 8x and 20x normal speed.

SEARCH

Press to jump to a specific title, chapter, track, or time during disc playback.

SETUP

Press to display the player's Setup menu.

SLOW

Press repeatedly for slow motion playback at 1/2, 1/3, 1/4, 1/5, 1/6, or 1/7 normal speed.

STEP

Press once to pause playback. Press repeatedly to step forward one frame at a time.

STOP ■

Press to stop and hold playback. Press twice to reset playback to the beginning of the disc.

SUBTITLE

Press to select among all available subtitle languages during DVD playback.

TITLE

Press to display the DVD title menu (if available).

VIDEO

Press to adjust the picture quality setting to Standard, Mild, Dynamic, or Memory. Note: Memory uses the settings from the player's Video Setup menu.

VOLUME +/-

Press to adjust the player's volume. Note: This will not change the settings on your TV or stereo.

ZOOM

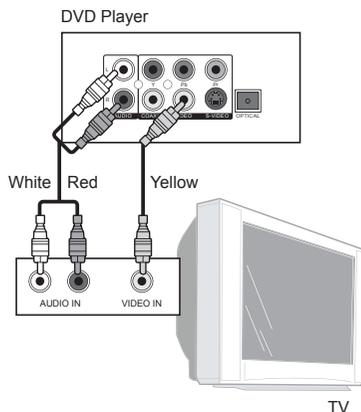
Press to enlarge or reduce the size of the on-screen image.

2 - Connections

Basic TV Connections

You can connect the DVD player to a standard television using the player's Audio and Video jacks.

- 1 Connect the supplied audio cable (red and white) from the Audio jacks on the rear of the player to the Audio Inputs on your television.
- 2 Connect the supplied video cable (yellow) from the Video jack on the rear of the player to the Video Input on your television.
- 3 Set your TV to its appropriate Video input to view the player.

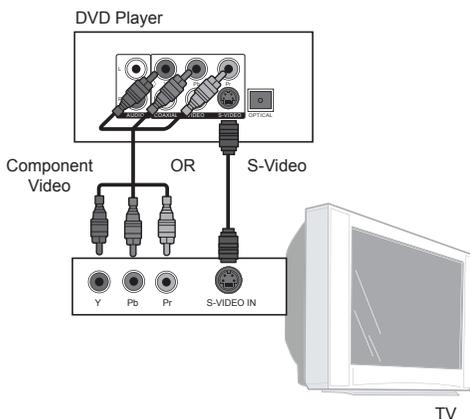


Enhanced Video Connections

For improved picture quality, you can connect the DVD player to a TV equipped with S-Video, Component Video, or Progressive Scan inputs. These connections require special S-Video or Component Video cables (not included). For audio, choose one of the Enhanced Audio Connections shown on page 10.

S-Video Connections

- 1 Connect an S-Video cable (not included) from the S-Video jack on the rear of the player to the S-Video input on your television.
- 2 Set the Video Output to S-Video in the player's System Setup menu.
- 3 Set your TV to its S-Video input to view the player.



Progressive Scan/Component Video Connections

- 1 Connect a Component Video cable (not included) from the Component jacks (Y, Pb, Pr) on the rear of the player to the Progressive Scan or Component Video inputs on your television.
- 2 Set the Video Output to Progressive Scan (P-SCAN) or Component Video (INTERLACE) in the player's System Setup menu.
 - Note: You can also press the **PROG.SCAN** button as a shortcut to switch between Progressive Scan, Interlace Scan and S-Video modes.
- 3 Set your TV to its Progressive Scan or Component Video input to view the player.

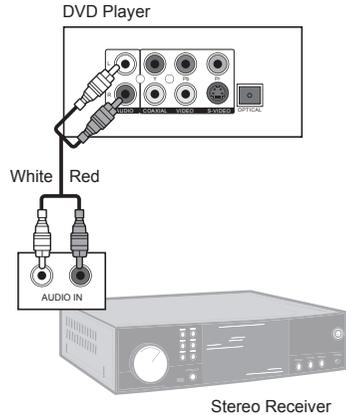
2 - Connections (cont.)

Enhanced Audio Connections

For enhanced audio quality, you can connect the DVD player to a stereo system or digital amplifier/receiver.

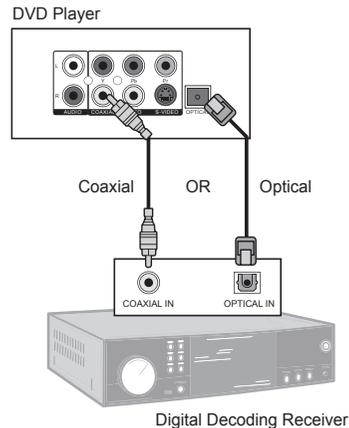
Stereo/Receiver Connections

- 1 Connect the supplied audio cable (red and white) from the Audio L/R jacks on the rear of the player to the left and right Audio Inputs on your stereo or 2-channel analog receiver.
- 2 Set your stereo/receiver to its appropriate input to hear the player.



Digital Receiver Connections

- 1 Connect a digital optical cable (not included) from the Optical jack on the rear of the player to the optical digital audio input on your digital receiver.
OR
Connect a digital coaxial cable (not included) from the Coaxial jack on the rear of the player to the coaxial digital audio input on your digital receiver.
- 2 Set the Audio Out to SPDIF/RAW (Digital) or SPDIF/PCM (Stereo) in the player's Audio Setup menu, depending on the capabilities of your receiver.
- 3 Set your receiver to its appropriate input to hear the player.



3 - Operations

Basic Disc Playback

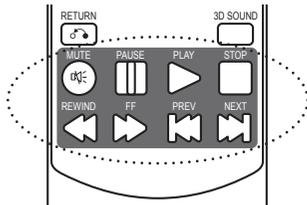
Before You Begin...

- Turn on your TV and select the appropriate video input.
- If you connected the player to your stereo or audio receiver, turn it on and select the appropriate audio input.

Playing a Disc

- 1 Press **POWER** on.
- 2 Press **OPEN/CLOSE** ▲ to open the disc tray.
- 3 Hold the edge of the disc and place it in the tray with the label side up.
- 4 Press **OPEN/CLOSE** ▲ again to close the disc tray.
 - The player starts playback or opens the DVD menu automatically.
 - Proceed with steps 5 and 6 if a menu is available on the DVD.
- 5 Press ◀ ▶ ▲ ▼ or use the number buttons to select the desired chapter/title.
- 6 Press **PLAY** ▶ or **ENTER**.
 - The player starts playback of the selected chapter.

Options During Playback



Mute

- Press **MUTE** during playback to mute the volume on the DVD player.
- To resume normal sound, press **MUTE** again or press the **VOLUME +/-** buttons.

Pause

- Press **PAUSE** II once to pause playback.
- Press **PAUSE** II or **PLAY** ▶ to resume normal playback.

Stop

- Press **STOP** ■ once to stop and hold playback at the current position.
- Press **STOP** ■ twice to stop and reset the disc to the beginning.

Forward/Reverse Scan

- Press **REWIND** ◀◀ or **FF** ▶▶ during playback to scan backward and forward at variable speeds.
- Press **PLAY** ▶ to resume normal playback.

Skip Next/Previous

- Press **PREV** ◀◀ or **NEXT** ▶▶ during playback to skip to the previous or next chapter.
- If you press the **PREV** ◀◀ button midway through a chapter, the DVD player returns to the beginning of the chapter.

When not in use...

When the DVD player is not in use, remove the disc and press **POWER** to turn off the player.

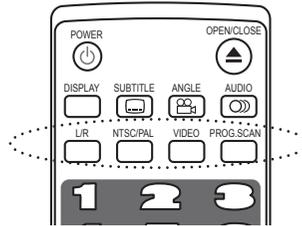
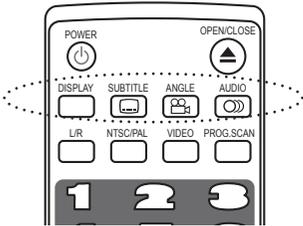
- The disc continues to spin when the menu is displayed even after the player has stopped playing. When no further selections are to be played, be sure to press the **STOP** ■ button to clear the menu screen.

For your reference:

- If "INVALID KEY" appears on-screen when a button is pressed, the corresponding function is not available. The function may not be available on the disc, or the player may need to be in Stop mode to access the function.

3 - Operations (cont.)

Special Playback Features



Display

- Press **DISPLAY** repeatedly during playback to display the title number, chapter/track number, and other disc information.
- Continue pressing **DISPLAY** to clear the on-screen information.

Subtitles

- Press **SUBTITLE** repeatedly during playback to display any subtitle languages available on the disc.
- Select "OFF" to clear the subtitles.

Angle

- Some DVDs contain scenes which were shot simultaneously from multiple angles. Use the **ANGLE** button to view these alternative scenes.
- Press **ANGLE** repeatedly during playback until the preferred viewing angle is selected.

Audio

- Press **AUDIO** repeatedly during playback to change the audio soundtrack to any language or audio format available on the disc.

L/R

- Press **L/R** to select the desired audio format (Stereo, Mono Left, or Mono Right) during audio playback.

NTSC/PAL

- Press to change the player's TV system for use in different countries. NTSC is used in the United States.

Video

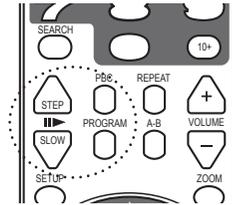
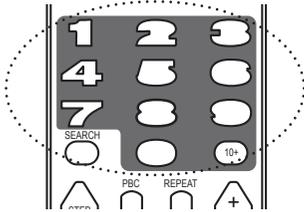
- Press to select one of four preset picture settings (Standard, Mild, Dynamic, or Memory). Note: Memory uses the settings from the player's Video Setup menu; see page 21.

Progressive Scan

- Press to set the player's Video Output to Progressive Scan, Component Video, or S-Video (only applicable when using the Component Video or S-Video connections to your TV).

3 - Operations (cont.)

Special Playback Features (cont.)



0-9

- Use the number keys to directly select chapter/track numbers; e.g., to select chapter 8, press 8.

10+

- Press **10+** to directly select chapters/tracks numbered 10 or higher; e.g., to select chapter 25, press 10+, 10+, 5.

Search

- Press **SEARCH** to jump to a specific title, chapter, track, or time during disc playback.
- Use the arrow keys to select the placeholders, then use the number keys to enter the desired Title/Chapter (DVD), Track (CD), or time counter position.

Step

- Press **STEP** once to pause playback. Press repeatedly to step forward one frame at a time.

Slow

- Press **SLOW** repeatedly for slow motion playback at 1/2, 1/3, 1/4, 1/5, 1/6, or 1/7 normal speed.

PBC

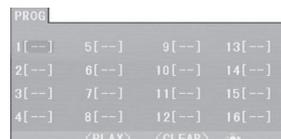
- Press **PBC** to toggle Playback Control on and off when playing a Video CD.

Program

- Press **PROGRAM** to create a custom playlist of up to 16 chapters/tracks.
- Use the arrow keys to highlight the placeholders, then use the number keys to enter the desired Title/Chapter (DVD) or Track (CD).
- Press **PLAY** ► (or select **PLAY** and press **ENTER**) to start playback of your custom program.
- Select **CLEAR** and press **ENTER** to clear the program.



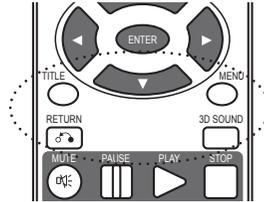
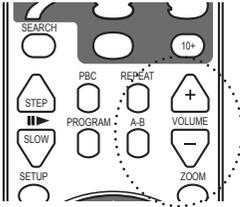
DVD Program Menu



CD Program Menu

3 - Operations (cont.)

Special Playback Features (cont.)



Repeat

- Press **REPEAT** during playback to repeat the current Chapter, Track, Title, or Disc.
- Select REP: OFF to cancel Repeat mode.

A-B Repeat

- While playing a DVD or CD, press the A-B button at the start of the segment you want to repeat. "Repeat A-" will appear on screen.
- Press A-B again at the end of the segment. The marked segment will repeat in a continuous loop.
- Press A-B again to resume normal playback.

Volume

- Adjust the player's volume. Note: This will not change the settings on your TV or stereo.

Zoom

- Press to enlarge or reduce the size of the on-screen image.
- Use the **◀ ▶ ▲ ▼** buttons to move around the zoomed image.

Title

Some DVDs have title menus, which allow you to choose among multiple titles (usually separate movies).

- Press **TITLE** in stop mode. The title menu appears, if available.
- Press **◀ / ▶ / ▲ / ▼** to select the desired title, then press **ENTER**.

Disc Menu

Most DVDs have disc menus, which include special disc features, including audio languages, subtitle languages and more.

- Press **DISC MENU**. The disc menu appears, if available.
- Press **◀ / ▶ / ▲ / ▼** or use the number button(s) to select the desired chapter, then press **ENTER**.

Return

- Press **RETURN** to return to the last viewed menu or to exit the menu system.

3D Sound

- Press **3D SOUND** to select among various preset and custom EQ settings; see page 15.

3 - Operations (cont.)

3D Sound Options

When playing an audio CD or MP3/WMA CD you can enhance the audio experience with a variety of virtual surround and EQ options. You can even change the key of the song if you want to sing along.

Virtual Surround Options

- 1 Press **3D SOUND** during audio playback.
- 2 Press **◀ / ▶** to select "SRND".
- 3 Press **▲ / ▼** to select the desired Virtual Surround setting:
 - OFF
 - CONCERT
 - CHURCH
 - PASSIVE
 - WIDE
 - LIVE
- 4 Press **ENTER**.
- 5 Press **3D SOUND** to exit.



Graphic Equalizer

- 1 Press **3D SOUND** during audio playback.
- 2 Press **◀ / ▶** to select "BAND".
 - A graphic representation of the currently playing track is displayed.
- 3 Press **3D SOUND** to exit.



Adjusting the Key

- 1 Press **3D SOUND** during audio playback.
- 2 Press **◀ / ▶** to select "KEY".
- 3 Press **▲ / ▼** to adjust the key to the desired pitch.
- 4 Press **ENTER**.
- 5 Press **3D SOUND** to exit.



EQ Options

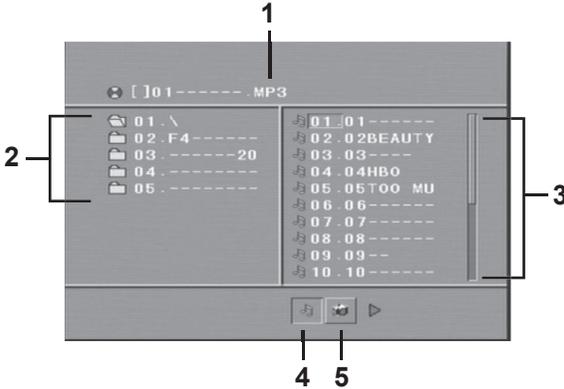
- 1 Press **3D SOUND** during audio playback.
- 2 Press **◀ / ▶** to select "EQ".
- 3 Press **▲ / ▼** to select the desired EQ preset:
 - STANDARD
 - CLASSIC
 - ROCK
 - JAZZ
 - POP
 - USER (Note: When you select USER, press the arrow keys to set the desired DB levels for each frequency).
- 4 Press **ENTER**.
- 5 Press **3D SOUND** to exit.



3 - Operations (cont.)

MP3/WMA/JPEG Playback

Insert a CD-R or CD-RW disc with any combination of MP3, WMA, and JPEG files and the following interface appears:



- 1 File Name** - Displays current track/image name.
- 2 Directory Window** - Displays all folders on disc.
- 3 File Window** - Displays all tracks/images in selected folder.
- 4 Music Button** - Highlight and press **ENTER** to view all MP3/WMA files.
- 5 Photo Button** - Highlight and press **ENTER** to view all JPEG files.

- Use the ◀ / ▶ keys to move between the Directory Window and the File Window.
- Use the ▲ / ▼ keys to browse folders and tracks within the Directory and File Windows.
- Use the 0-9 and 10+ keys to directly select tracks/images.

Tips on JPEG Playback

- To view a single image, highlight it and press **ENTER**.
- To skip to the next image, press **NEXT** ▶▶.
- To skip to the previous image, press **PREV** ◀◀.
- To view a slideshow of images, press **PLAY** ▶.
- To rotate the selected image, press ◀ and ▶.
- To flip the image vertically, press ▲.
- To flip the image horizontally, press ▼.
- To change the magnification of the image, press **ZOOM**.
- To enable transitions between images in the slideshow, press **PROGRAM** repeatedly. There are 17 transitions to choose from, including wipes, fades, shutters, etc.
- To view a helpful list of all JPEG options, press **DISC MENU**.
- To return to the main menu, press **STOP** ■.

4 - Settings

System Setup

TV System

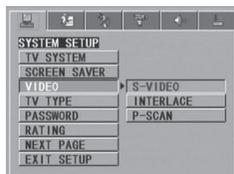
When connecting the DVD player to a TV, you can specify the broadcast system of your television.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "SYSTEM SETUP".
- 3 Press **▲ / ▼** to select "TV SYSTEM", then press **▶**.
- 4 Press **▲ / ▼** to select NTSC (the standard used in the United States) or AUTO (to have the player automatically adjust to match the capabilities of your TV).
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



- 4 Press **▲ / ▼** to select the appropriate Video Output setting for your television.

- S-VIDEO - Choose when using a standard video or S-Video connection to your TV. Note: Progressive Scan will NOT work when this setting is selected.
- INTERLACE - Choose when using a standard video or component video connection to your TV.
- P-SCAN - Choose when using a Progressive Scan connection to your TV.



- 5 Press **ENTER**.
 - If your screen turns black after adjusting this setting, press the **PROG.SCAN** button on the remote control to switch back to Interlace mode.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.

Screensaver

The player has a built-in screen saver to protect your TV screen if it is left idle for 60 seconds.

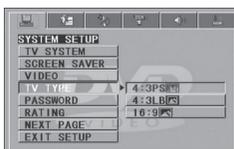
- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "SYSTEM SETUP".
- 3 Press **▲ / ▼** to select "SCREEN SAVER", then press **▶**.
- 4 Press **▲ / ▼** to turn the screen saver on or off.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



TV Type

The TV Type feature allows you to set your preferred aspect ratio for DVD movies.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "SYSTEM SETUP".
- 3 Press **▲ / ▼** to select "TV TYPE", then press **▶**.
- 4 Press **▲ / ▼** to select your preferred TV Type setting.
 - 4:3PS (Pan & Scan) - Crops widescreen movies to fit a standard television.
 - 4:3LB (Letterbox) - Shows the full width of widescreen movies on a standard television with black bars above and below the picture.
 - 16:9 - Select if you have a widescreen television.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Video Output

If you connected the DVD player to your TV using the S-Video or Component Video output, you must specify in the menu system which of these connection types you are using.

- Before you select "P-SCAN YPBPR", make sure your TV supports Progressive Scan and that the Y, Pb, and Pr cables are properly connected.
- 1 Press **SETUP**.
 - 2 Press **◀ / ▶** to select "SYSTEM SETUP".
 - 3 Press **▲ / ▼** to select "VIDEO", then press **▶**.

4 - Settings (cont.)

Parental Control Password

To set or change the Parental Control password:

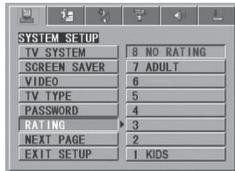
- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "SYSTEM SETUP".
- 3 Press **▲ / ▼** to select "PASSWORD", then press **▶**.
- 4 Use the number keys to enter a 4-digit password.
 - The factory pre-set password is "0000".
 - The numbers you enter will be shown as X on the screen.
- 5 Press **ENTER**.
 - The Lock icon will change from closed to open.
 - You are now free to change the Parental Control rating (see below).



Parental Control Rating

The Parental Control feature enables you to block playback of movies based on their ratings. For example, if you set the rating level to 5, the player will block playback of movies rated 5, 6, 7 and 8 unless the correct password is entered. Note: You can only use the Parental Control feature with rated DVD discs.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "SYSTEM SETUP".
- 3 Press **▲ / ▼** to select "RATING", then press **▶**.
 - The Lock icon under PASSWORD must be open in order to select RATING.
- 4 Press **▲ / ▼** to select the desired rating and press **ENTER**.
- 5 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Restore Defaults

Select "Default" to restore the DVD player to its factory default settings.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "SYSTEM SETUP".
- 3 Press **▲ / ▼** to select "NEXT PAGE", then press **ENTER**.
- 4 Press **▲ / ▼** to select "DEFAULT", then press **▶**.
 - "RESTORE" will be highlighted.
- 5 Press **ENTER**.
 - The player's factory settings will be restored.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Resume Playback

You can choose to have the player resume playback of a disc after it is removed and reinserted.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "SYSTEM SETUP".
- 3 Press **▲ / ▼** to select "NEXT PAGE", then press **ENTER**.
- 4 Press **▲ / ▼** to select "RESUME", then press **▶**.
- 5 Press **▲ / ▼** to turn the Resume feature on or off.
 - When Resume is set to on: If you eject a disc and then put it back in the player, the disc will resume playback from the same point on the disc.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.

4 - Settings (cont.)

Language Setup

On Screen Display (OSD) Language

You can select among various languages for the player's on-screen display (OSD).

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "LANGUAGE SETUP".
- 3 Press **▲ / ▼** to select "OSD LANGUAGE", then press **▶**.
- 4 Press **▲ / ▼** to select your preferred language.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Audio Language

You can select your preferred language for DVD audio sound tracks.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "LANGUAGE SETUP".
- 3 Press **▲ / ▼** to select "AUDIO LANG", then press **▶**.
- 4 Press **▲ / ▼** to select your preferred language.
- 5 Press **ENTER**.
 - If the language selected is not recorded on the disc, the DVD player will playback the disc's default language.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Subtitle Language

You can select your preferred language for DVD subtitles.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "LANGUAGE SETUP".
- 3 Press **▲ / ▼** to select "SUBTITLE LANG", then press **▶**.
- 4 Press **▲ / ▼** to select your preferred language.
 - To turn Subtitles off, select "OFF".
- 5 Press **ENTER**.
 - If the selected language is not available on the disc, the player will select the disc's default language.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Disc Menu Language

You can select your preferred language for DVD disc menus. If your preferred language is recorded on a DVD, the player will use it for playback. If the language is not recorded on a DVD, the player will use the DVD's default language.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "LANGUAGE SETUP".
- 3 Press **▲ / ▼** to select "MENU LANG", then press **▶**.
- 4 Press **▲ / ▼** to select your preferred language.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



4 - Settings (cont.)

Audio Setup

Audio Out

The digital audio output jacks (labeled “Coaxial” and “Optical”) are used to output the audio signal recorded on DVD discs to an external digital amplifier/receiver. Use the Audio Out setting to specify the format of the digital signal from these jacks.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select “AUDIO SETUP”.
- 3 Press **▲ / ▼** to select “AUDIO OUT”, then press **▶**.
- 4 Press **▲ / ▼** to select your preferred Digital Out setting.
 - SPDIF/OFF - Select if you are not using the digital audio output.
 - SPDIF/RAW - Select if the player is connected to a 5.1 channel amplifier/receiver with a Dolby Digital decoder.
 - SPDIF/PCM - Select if the player is connected to a 2 channel digital amplifier.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select “EXIT SETUP” to exit the menu system.



WARNING:

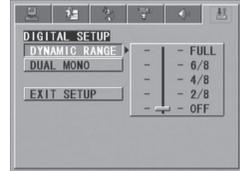
- Do not set “AUDIO OUT” to “SPDIF/RAW” unless you are connecting the player to an amplifier/receiver with Dolby Digital (AC-3) decoding capability.
- High volume sound may damage your hearing as well as the speakers.

Digital Setup

Dynamic Range

You can compress the dynamic range (the difference between the quietest and loudest passages) of a DVD soundtrack.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select “DIGITAL SETUP”.
- 3 Press **▲ / ▼** to select “DYNAMIC RANGE”, then press **▶**.
- 4 Press **▲ / ▼** to adjust the Dynamic Range in 1/8 increments from OFF (no compression) to FULL (maximum compression).
- 5 Press **ENTER**.
- 6 Press **SETUP** or select “EXIT SETUP” to exit the menu system.



Dual Mono

You can specify the format of the audio signal from the left/right Audio Out jacks.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select “DIGITAL SETUP”.
- 3 Press **▲ / ▼** to select “DUAL MONO”, then press **▶**.
- 4 Press **▲ / ▼** to select STEREO (separate left and right channels), MONO L (left channel only), MONO R (right channel only), or MIX MONO (mixed left and right channels).
- 5 Press **ENTER**.
- 6 Press **SETUP** or select “EXIT SETUP” to exit the menu system.



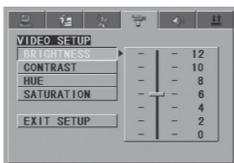
4 - Settings (cont.)

Video Setup

Brightness

To adjust the brightness of the picture during DVD playback:

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "VIDEO SETUP".
- 3 Press **▲ / ▼** to select "BRIGHTNESS", then press **▶**.
- 4 Press **▲ / ▼** to select the desired Brightness setting.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Hue

To adjust the hue (color) of the picture during DVD playback:

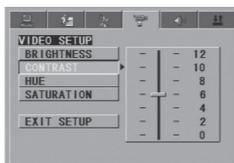
- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "VIDEO SETUP".
- 3 Press **▲ / ▼** to select "HUE", then press **▶**.
- 4 Press **▲ / ▼** to select the desired Hue setting.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Contrast

To adjust the contrast (the difference between light and dark tones) during DVD playback.

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "VIDEO SETUP".
- 3 Press **▲ / ▼** to select "CONTRAST", then press **▶**.
- 4 Press **▲ / ▼** to select the desired Contrast setting.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Saturation

To adjust the color saturation of the picture during DVD playback:

- 1 Press **SETUP**.
- 2 Press **◀ / ▶** to select "VIDEO SETUP".
- 3 Press **▲ / ▼** to select "SATURATION", then press **▶**.
- 4 Press **▲ / ▼** to select the desired Saturation setting.
- 5 Press **ENTER**.
- 6 Press **SETUP** or select "EXIT SETUP" to exit the menu system.



Troubleshooting

SYMPTOM	REMEDY
No power.	<ul style="list-style-type: none"> • Insert plug securely into power outlet. • Push the front panel POWER button off and back on. • Check power at AC outlet by testing another appliance.
Player does not start playback when PLAY ► is pressed.	<ul style="list-style-type: none"> • Condensation has formed. Wait ~1-2 hours to allow player to dry out. • Player cannot play discs other than DVDs, Audio CDs, MP3 CDs, and Photo CDs. • Try another disc to check if the unplayable disc is defective. • Check region code.
Player starts playback but stops immediately.	<ul style="list-style-type: none"> • Disc may be dirty and may require cleaning. • Ensure that disc is installed with label side up.
No picture.	<ul style="list-style-type: none"> • Ensure that equipment is connected properly. • Ensure that video input setting for TV is set correctly. • Check if external equipment is on. • Select same channel and source on TV as on player. • Push the front panel POWER button off and back on.
No sound.	<ul style="list-style-type: none"> • Ensure that equipment is connected properly. • If using a HiFi amplifier, try another audio source. • Check Volume adjustment on the player and the external equipment. • Check the MUTE button on the player and the TV. • No sound will be heard during pause, fast forward or reverse.
Distorted sound.	<ul style="list-style-type: none"> • Ensure that the audio input settings for your TV and stereo system are correct.
No audio from Digital Output.	<ul style="list-style-type: none"> • Check digital connections. • Check Audio Setup menu to make sure that "SPDIF/RAW" or "SPDIF/PCM" is selected. • Check if the audio format of the selected audio language matches your receiver capabilities.
Distorted picture.	<ul style="list-style-type: none"> • Check disc for fingerprints and clean with a soft cloth, wiping from center to edge. • Sometimes a small amount of picture distortion may appear. This is not a malfunction.
Completely distorted picture or no color in picture.	<ul style="list-style-type: none"> • Disc format does not match TV format (PAL/NTSC). Check "TV System" setup.
Picture distorted during forward or reverse scan.	<ul style="list-style-type: none"> • Picture will be somewhat distorted at times. This is normal.
No forward or reverse scan playback.	<ul style="list-style-type: none"> • Some discs may have sections which prohibit Forward/Reverse Scan.
No 4:3 (16:9) picture.	<ul style="list-style-type: none"> • Choose the correct "TV Type" setting in the Setup menu.
Remote control does not function.	<ul style="list-style-type: none"> • Make sure the batteries are installed with the correct polarities (+ and -). • Batteries are dead. Replace with new ones. • Point remote control directly at signal sensor. • Operate remote control within 20 feet of signal sensor. • Remove obstacles between remote control and signal sensor.
DVD player and remote control keys not functioning.	<ul style="list-style-type: none"> • Power unit off and on. Alternatively, turn off unit, unplug power cable and plug it back in. (Player may not be operating properly due to lightning, static electricity or some other external factor.)
Playback does not start when Title is selected.	<ul style="list-style-type: none"> • Parental Control function may be set. Confirm the "Rating" setup.

5 - Help (cont.)

Troubleshooting (cont.)

SYMPTOM	REMEDY
Audio sound track and/or subtitle language not selected.	<ul style="list-style-type: none">• If audio sound track and/or subtitle language are not available on the disc, the language selected in Setup menu will not be seen/heard.
No subtitles.	<ul style="list-style-type: none">• Subtitles are not available on all discs.• Subtitles are available but turned off. Press SUBTITLE to display the subtitles.
Alternative audio sound track (or subtitle) languages cannot be selected.	<ul style="list-style-type: none">• Only one language is available on the disc.
Angle cannot change.	<ul style="list-style-type: none">• Depends on angle availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.

Technical Specifications

Compatible Discs	DVD/CD+G MP3/CD-DA CDIFMV (VOD)
Video/Picture Format	MPEG2
Audio Format	MPEG2
Output Signal	Video:1.0Vp-p Audio:Stereo Output 2Vp-p
Output Interface	HI-HD S-Terminal Output, Video Output (CVBS), Coaxial Output, Optical Output, Y Cb Cr Output, Y Pb Pr Output
Voltage	110-240V AC 50/60 Hz
Power Consumption	12W
Frequency Response	CD: *4Hz--20KHz (EIAT) DVD:4Hz--22KHz (48K) (sampling) 4Hz--44KHz(96K)(sampling)
S/N Ratio	>90 db
THD	0.003%

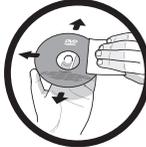
**Specifications subject to change without notice.*

5 - Help (cont.)

Disc Handling & Maintenance

Handling Precautions

- Hold the disc by the edges so the surface will not be soiled with fingerprints.
- Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ball-point pen or other writing utensil.
- Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids, or any other solvent.
- Be careful not to drop or bend the disc.
- Do not install more than one disc on the disc tray.
- Do not try to close the disc tray when the disc is not installed properly.
- Be sure to store the disc in its original case when not in use.



If the surface is soiled

- Wipe gently with a soft, damp (water only) cloth.
- When wiping discs, always move the cloth from the center hole toward the outer edge. (If you wipe the disc using a circular motion, circular scratches are likely to occur, which will cause noise.)

If the disc is brought from a cold to a warm environment, moisture may form on the disc

- Wipe moisture off with a soft, dry, lint-free cloth before using the disc.

Improper disc storage

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight
- Humid or dusty areas
- Areas directly exposed to a heat outlet or heating appliance

Disc which cannot be played with this player

- CD-ROM (Application Program)
- CVD
- DVD with a Region Code other than that shown on the DVD unit's Region Code Label on the rear panel

Maintenance

- Be sure to turn the unit off and disconnect the AC power cord before maintaining the unit.
- Wipe this unit with a dry soft cloth. If the surfaces are extremely dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust.

Power cord protection

To avoid any malfunctions of the unit, and to protect against electric shock, fire or personal injury, please observe the following:

- Hold the plug firmly when connecting or disconnecting the AC power cord.
- Keep the AC power cord away from heating appliances.
- Never put any heavy object on the AC power cord.
- Do not attempt to repair or reconstruct the AC power cord in any way.

Placement

Avoid placing the unit in areas of:

- direct sunlight or heating radiators, or closed automobiles
- high temperature (over 95°F) or high humidity (over 90%)
- significant dust as the internal parts may be seriously damaged.

Non-use periods

When the unit is not being used, turn it off. When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

No fingers or other objects inside

- Touching internal parts of this unit is dangerous, and may cause serious damage to the unit. Do not attempt to disassemble the unit.
- Do not put any foreign object in the disc tray.

Keep away from water

- Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage could occur.

Keep away from magnets

Never bring a magnet or magnetized object near the unit.

Stacking

- Place the unit in a horizontal position, and do not place anything heavy on it.

Condensation

Moisture may form on the lens in the following conditions:

- immediately after a heater has been turned on
- in a steamy or very humid room
- when the unit is suddenly moved from a cold environment to a warm one

If moisture forms inside this unit, it may not operate properly. In this case, turn on the power and wait about one hour for the moisture to evaporate.

If there is noise interference on the TV while a broadcast is being received

Depending on the reception condition of the TV, interference may appear on the TV monitor while you watch a TV broadcast and the unit is left on. This is not a malfunction of the unit or the TV. To watch a TV broadcast, turn off the unit.

5 - Help (cont.)

Limited Warranty

**PLEASE RETAIN YOUR RECEIPT
IT WILL BE REQUIRED IF WARRANTY
SERVICE IS NEEDED.**

Who Provides the Limited Warranty

During the warranty period, the GoVideo Warranty Administrator will honor service for 90 days parts and labor from the original date of consumer purchase. See below for Commercial, Industrial or Educational use coverage. Remote controls are warranted for 90 days from the date of purchase.

Who is Protected

This warranty protects the original consumer owner of this GoVideo product.

What is Covered and How Long

This warranty covers internal operating parts and service/labor to repair or replace covered parts in this GoVideo product for 90 days parts and labor, from the date of purchase, defined as follows: (1) Original Consumer Retail Purchase; (2) First Rental Purchase Agreement; or (3) First Lease Purchase Agreement (the "Warranty Period"). Labor and replacement parts supplied during the Warranty Period are covered only for the remaining portion of the original Warranty Period. The GoVideo Warranty Administrator shall have no liability for service under this warranty if non-OEM (Original Equipment Manufacturer) replacement parts are used in the repair of your GoVideo product.

What the Owner Must Do If Service is Required

Please contact our customer service department at 1-800-736-7679 to repair or replace your product, at GoVideo's option, if it proves to be defective in material or workmanship under normal use, during the warranty period listed above, effective from the date of original consumer purchase of the product. Repaired or replacement units are warranted for the remaining period of the original warranty. Please retain dated sales receipt. Within the warranty period, the customer pays for inbound shipping charges and GoVideo pays return shipping charges.

Other Warranty Coverage

Commercial, Industrial or Educational use has the same warranty coverage as stated in this warranty.

What are the Exceptions

This warranty does **not** cover: (1) Normal maintenance service, such as cleaning. (2) Damage from misuse, abuse neglect or accident, natural disasters or Acts of God. (3) Cabinetry, decorative parts, A/C adapters, knobs or buttons. (4) The foreign country use of this product. (5) GoVideo product which has been electronically or mechanically modified in any way or incorporated into other products. (6) Installation and setup service adjustments. (7) Owner instruction. Your Owner's Guide provides information regarding operating instructions and user controls. For additional information, contact your authorized GoVideo dealer.

Go Video is not responsible for any shipping, handling or insurance charges.

This Exclusive Limited Warranty excludes all incidental and consequential damages. Some states do not allow the exclusion of incidental and consequential damages, so the above exclusion may not apply to you.

ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY PERIOD. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This Exclusive Limited Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

GOVIDEO WARRANTY ADMINISTRATOR

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customersupport@govideo.com
1-800-736-7679



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