CyberHome

We bring DVD Home!

DVD VIDEO

DOLBY DIGITAL

MP3

Mini

DVD Player

with *Progressive Scan*

Operation Guide

CH-DVD 300

SAFETY INSTRUCTIONS

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

Explanation of warning symbols

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of not isolated dangerous voltage within the inside of the product that may be 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 servicing instructions in the literature accompanying the appliance.

Read the following instructions carefully

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR ANNOYING INTERFERENCE, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE AND ONLY USE THE RECOMMENDED ACCESSORIES.

- Read these instructions - When using this unit, basic precautions outlined in this section should always be followed.
- Keep these instructions - Retain this user manual for future reference.
- Heed all warnings - Follow all warning labels on the product, and the safety instructions in this manual.
- Follow all instructions - Adhere to the instructions outlined in this manual and on the unit.
- Clean only with a dry cloth - Unplug the unit before cleaning. Do not use any liquid or detergents for cleaning.
- Do not block any ventilation opening. Install in accordance with the manufacture's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defect the safety purpose of the polarized plug. A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments / accessories specified by the manufacturer.
- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, or when the unit does not operate normally, or has been dropped.
- Power cord protection - To avoid any malfunctions of the unit and to protect against electric shock, fire or personal injury, please observe the following:
  a) Hold the plug firmly when connecting or disconnecting the AC power cord to this unit.
  b) Do not connect or disconnect the AC power cord with wet hands.
  c) Keep the AC power cord away from heating appliances.
  d) Never put any heavy object on the AC power cord.
  e) Do not attempt to repair or reconstruct the AC power cord in any way.
- Remove dust, dirt, etc. on the plug at regular intervals.
- If the unit has been dropped or otherwise damaged, turn off the power and disconnect the AC power cord.
- If smoke, odors or noises are emitted from the unit, turn off the power and disconnect the AC power cord.
- Placement - Avoid placing the unit in areas of direct sunlight, heating radiators, closed automobiles, high temperature (over 35° C (95° F)), high humidity (over 90%), excessive dust, vibration, impact or where the surface is tilted, as the internal parts may be seriously damaged.
- Non-use periods - When the unit is not used, turn the power off.
- When the unit is 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 on the disc tray.
- Keep away from water and magnets.
- Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage could occur.
- Keep magnetic objects, such as speakers, distant from the player.
- Stacking - Place the unit in a horizontal position and do not place anything heavy on it.
- Do not place the unit on amplifiers or other equipment which may become hot.
- Condensation - Moisture may form on the lens in the following cases: a) immediately after a heater has been turned on b) in a steamy or very humid room c) the unit is moved from a cold environment to a warm one.
- If moisture forms inside this unit, it may not operate properly. In this case, turn off the power and wait about one hour for the moisture to evaporate.
- Noise interference while a broadcast is being received - depending on the reception condition of the TV, interference may appear on the TV screen while you are watching a TV broadcast, if the unit is switched on. This is not a malfunction of the unit or the TV. To watch a TV broadcast, turn off this unit.

SAVE THESE INSTRUCTIONS

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Notes on copyright

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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.

'Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 progressive scan picture problems, it is recommended that the user switch the connection to the 'Standard Definition' output. If there are questions regarding our TV set compatibility with this model 525p DVD player, please contact our customer service center.'

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FEATURES

The CH-DVD 300 is a Progressive Scan DVD Player with digital surround sound output. It can play your favorite MP3 files or view JPG files from your digital camera. It's got everything you need to make it your centerpiece for an exciting home theater system. Now you can start enjoying today's hottest DVD movies with superb video quality. Welcome to the digital revolution!

- Progressive Scan Video with 3:2 pulldown.
- Plays DVD, VCD, CD-ROM, MP3, JPG and other disc types.
- Progressive Scan or Component Video, S-Video and Composite Video Outputs.
- Stereo Audio out and Coaxial digital outputs.
- Advanced playback functions: Slow playback, repeat playback, parental control, MP3 player, JPG player, screen saver, Zoom In/Out, track selection, on-screen display and more.

DISC COMPATIBILITY / CARE

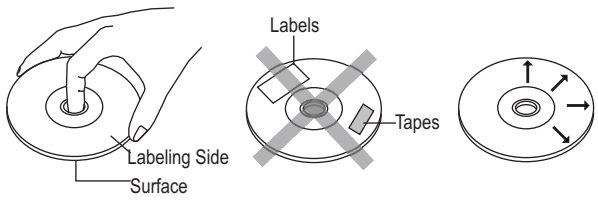
Optical disc compatibility

- This unit plays DVDs recorded for a particular region. The region mark on the back of the player must correspond to that on any DVD discs you wish to play. Units sold in North America are coded for Region 1, and marked as shown:

- This unit supports CD-R/RW discs recorded with MP3 or JPG files, and in VCD format.
- MP3 files must be named with the extension ".MP3"
- JPG files must be named with the extension ".JPG"
- JPG images must be saved with "standard" encoding, rather than "progressive" encoding.
- Discs created with personal computers may have problems playing due to differences in recording software settings, disc formats and other factors.

Caring for Optical Discs

- Hold a disc by the rim or with an index finger in the central hole. Never touch the signal surface.
- Finger prints or stains on the surface of the disc may cause signal loss.
- Use a soft cloth and wipe in a radiating manner from the center of the disc to the outer rims when cleaning the disc surface.
- Never add labels or adhesive tapes on the discs and be careful not to scratch or damage the disc surface.
- To prevent discs from becoming bent or deformed, they should be vertically kept in the disc storage case. To prevent damage, avoid leaving discs in your car, where they may be subject to direct sunlight and high temperature.
- Do not use any disc accessory to improve the audio quality, disc protective solutions or lens cleaner. These products may damage the disc surface.

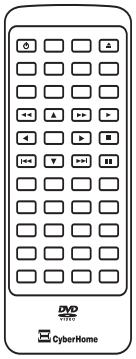


GETTING STARTED

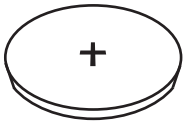
Make sure the package contents are complete

In addition to the DVD player, your package should contain the following accessories. Check the contents of the package carefully, as some items may be located under the packing foam.

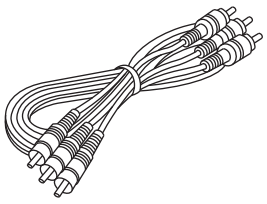
Remote control



Remote Control Battery *



A/V cable (Composite Video, Stereo Audio)

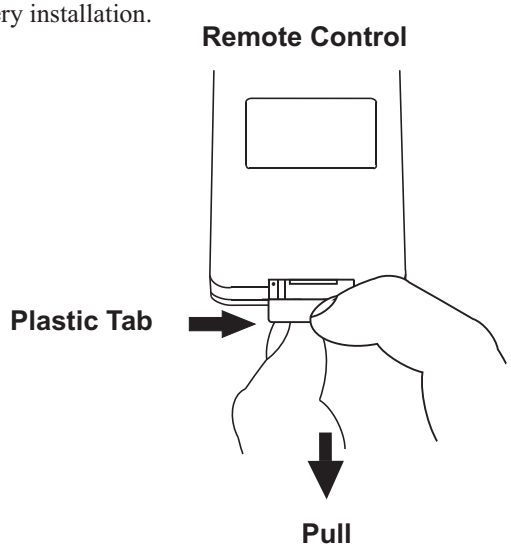


This operation manual and warranty card

*** In some models, the battery is pre - installed in the remote control, see page 6 in this manual for further instructions.**

To use the remote control

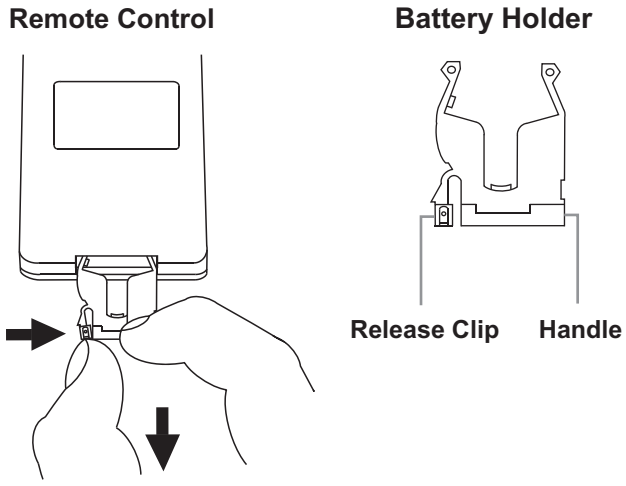
The DVD player comes complete with a remote control. Just pull the plastic tab in the remote control to activate the battery. The plastic tab - which covers the battery terminals - extends the life of the battery. *Please note that some models will not include this plastic tab. If so please refer to the next section for battery installation.



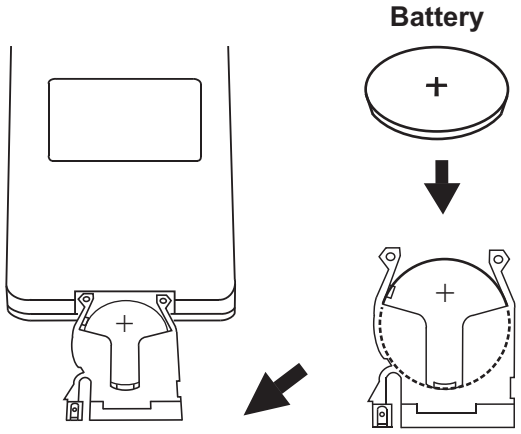
Replacing the remote control battery

To replace the remote control's battery, the battery holder must be removed. Be sure to take note of the polarity marking on the battery. The " + " side must face the bottom of the remote (the side without any buttons).

1 **To access the Battery, remove the Battery Holder from the remote control. To remove the battery holder, use your thumbnail to squeeze the Release Clip in toward the center, while simultaneously pulling the Handle out with your index fingernail, as depicted below:**

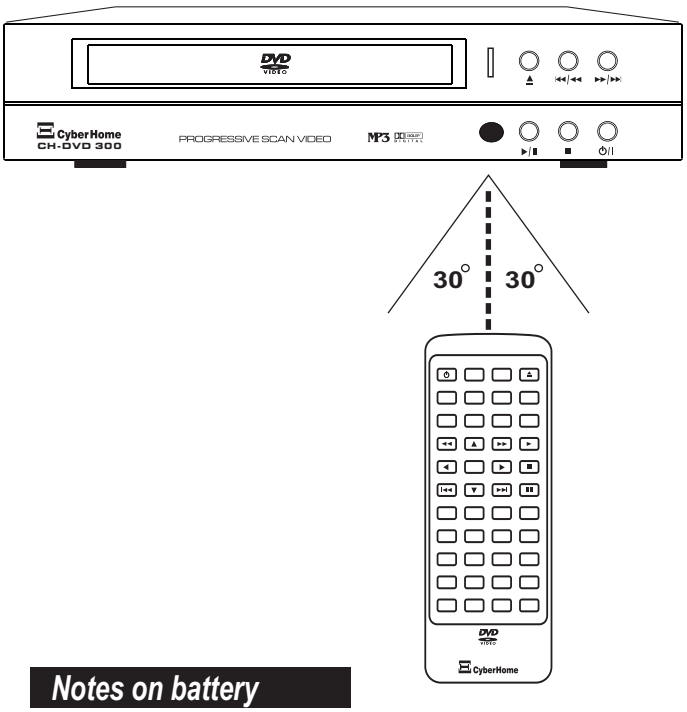


2 **Place the battery into the holder as pictured below with the POSITIVE SIDE (marked on Battery as " +") facing upwards and insert into the remote control to complete the battery installation.**



Operating the remote control

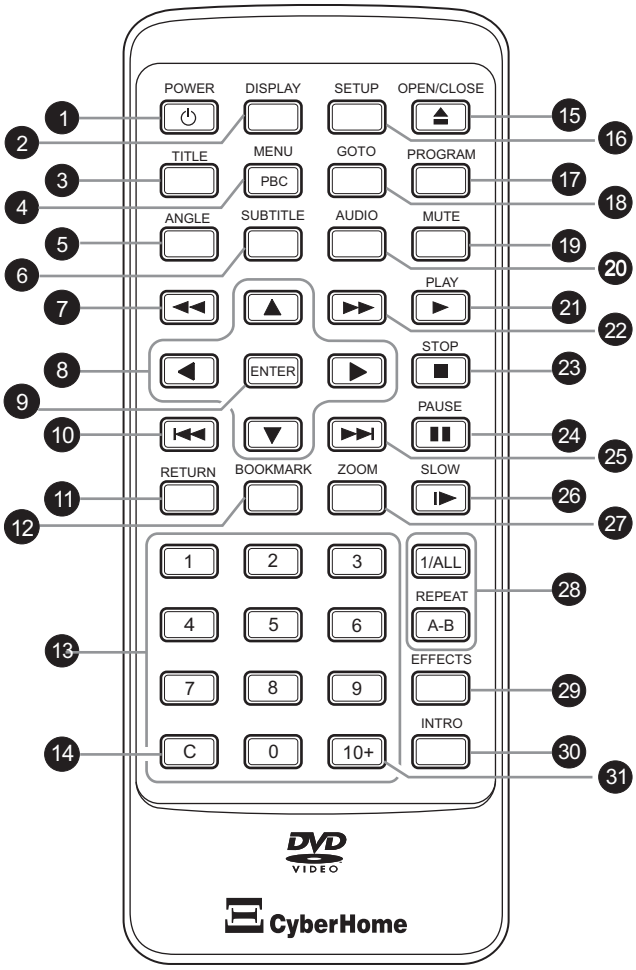
When using the remote control, be sure to stay within a 30 degree angle of the sensor on the receiver. Keep in mind that any obstructions between the remote control and the receiver will affect performance.



Notes on battery

- If the remote control functions better when it is closer to the unit, the battery may need to be replaced.
- In case of any leakage of the battery, dispose of the battery right away and avoid touching the chemical discharge. Make sure to clean the remote control's battery compartment before installing a new battery.

REMOTE CONTROL FUNCTIONS



1 POWER
Turns the unit ON or to STANDBY.

2 DISPLAY
Brings up the on-screen display showing information for the playback session.

3 TITLE
Accesses Menus on DVD Discs. With VCD discs, turns the PBC function On/Off.

4 MENU / PBC
Accesses the root menu on DVD Discs.

5 ANGLE
Selects between the multiple angle views on supported DVD's.

6 SUBTITLE
Selects available subtitles on DVD.

7 FAST REVERSE
Scan in fast reverse on DVD's and other discs.

8 ARROWS
Use to navigate disc menus, on-screen setup menu, etc.

9 ENTER
Selects options in menus.

10 SKIP PREVIOUS
Press to skip to the previous chapter or track.

11 RETURN
Returns to the previous menu accessed in DVD mode.

12 BOOKMARK
Press to store the current point on the disc as a bookmark that can be accessed quickly without searching.

13 NUMBER KEYS
Use to enter numeric values while setting presets, using GOTO and more.

14 CLEAR
Clears input when entering values.

15 OPEN / CLOSE
Opens and closes the disc tray.

16 SETUP
Accesses the on-screen Setup Menu for settings adjustment.

17 PROGRAM
Create a custom play list of selected tracks and sequence.

18 GOTO
Press to navigate to a specific chapter. Follow with corresponding number key.

19 MUTE
To turn off sound. Press again to turn sound back on.

20 AUDIO
Selects an audio track on DVD or VCD discs.

21 PLAY
Plays a disc, chapter or track. Selects options in menus.

22 FAST FORWARD
Scan in fast forward on DVD's and other discs.

23 STOP
Press once to stop current disc play but holds resume location. Press again to completely stop play - also required for some setup functions.

24 PAUSE
Press to pause audio track play or video on a still frame. Press again to advance frame by frame (DVD) or resume playback (Audio CD).

25 SKIP NEXT
Press to skip to the next chapter or track.

26 SLOW
Press to advance at slow speeds.

27 ZOOM
Press to magnify and shrink the screen with DVD discs.

28 REPEAT 1/ALL, A-B
Used with DVD discs, 1/ALL repeats a chapter, title or disc. A-B sets the beginning and ending of a time segment to repeat.

29 EFFECTS
Enables reverb effects for Audio CD's and MP3 discs, and equalization presets with DVD discs.

30 INTRO
This button is non - functional.

31 10 +
Use this key to enter numeric values greater than 10. Press once for each 10's value, then enter the 1's value.

FRONT PANEL FUNCTIONS

1 DISC TRAY
Loads DVD, CD-ROM, VCD, MP3, JPG and other optical discs.

2 STANDBY / POWER LED
The LED will be red when the unit is in STANDBY mode. The LED will be glow green when the unit is ON.

3 OPEN/CLOSE
Press to open or close the disc tray.

4 NEXT / FAST FORWARD
With optical discs, press to advance to the next chapter or track.

5 PREVIOUS / FAST REVERSE
With optical discs, press to return to the previous chapter or track.

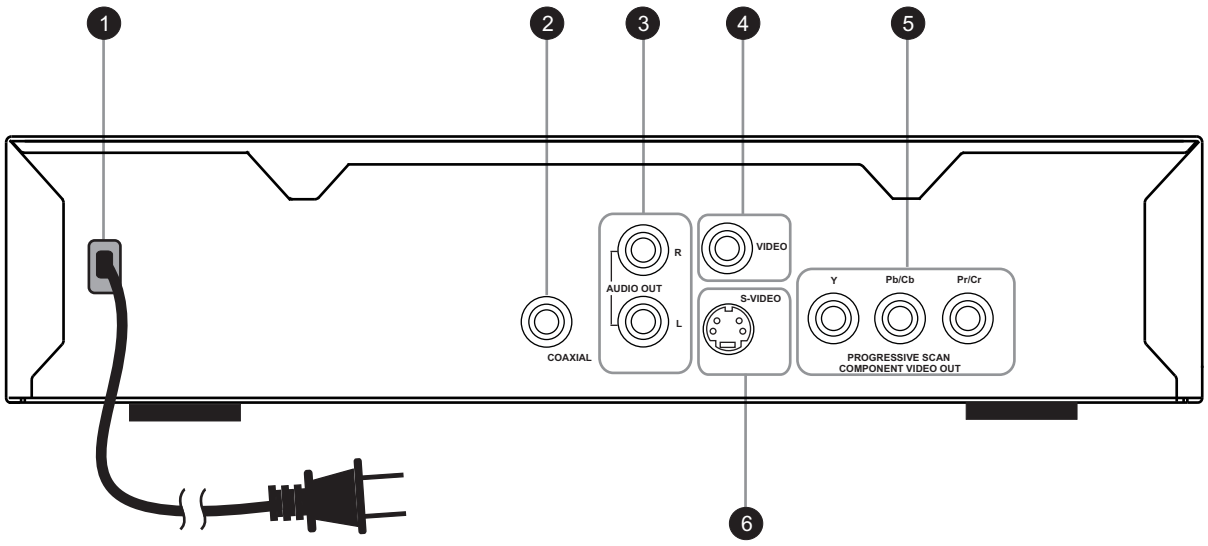
6 REMOTE CONTROL RECEIVER
Receives commands from the remote control to perform functions.

7 PLAY / PAUSE
Press to pause playback of a disc. Press again to resume playback.

8 STOP
Press once to stop playback of a disc and save the location of a stop point. The disc can be played back from the stop point by pressing PLAY.

9 STANDBY / POWER
The unit is in Standby mode indicated by the glowing LED. Press to power on the unit.

BACK PANEL CONNECTIONS



1 POWER CORD
The power cord for the DVD player.

2 COAXIAL DIGITAL AUDIO OUTPUT
Use a special coaxial digital audio connector to send the raw coded digital signal to devices supporting digital decoding.

3 STEREO AUDIO OUTPUT
Stereo outputs for devices with matching stereo inputs.

4 VIDEO OUTPUT
Composite video output for TVs with matching input.

5 COMPONENT VIDEO OUTPUTS
Connect to TVs supporting component video in for the best picture quality. These outputs must be used for the progressive scan option.

6 S-VIDEO OUTPUT
Connect to TVs with S-VIDEO in for better picture quality than standard composite video..

CONNECTIONS

Connecting the video output to your TV

In order to use this DVD player, you will need to make a video connection to your TV. The capabilities of your TV and the cables you have on hand will determine the connections you can use. There are 3 possible connection types:

- Composite Video - The most widely used connection. This unit includes an A/V cable for Composite Video.
- S-Video - A higher quality connection that requires a special S-Video cable and an S-Video capable TV.
- Component Video - The highest quality video connection. Supported on high-end TVs and requires a special cable.

Composite Video (Typical connection)

This unit ships with a composite video (A/V) cable for connection to TVs with a standard video input as shown below. This is the most widely used type of connection. On most TVs, this connector is colored yellow, and is normally accompanied by stereo audio inputs, colored red and white for stereo channels right and left, respectively.

1 **First, use the supplied A/V cable to connect to the composite video input on your TV. This is normally a yellow-colored connector that matches the Video output on the back of this unit. If you wish to hear sound through the TV, connect the red and white stereo audio connections as well.**

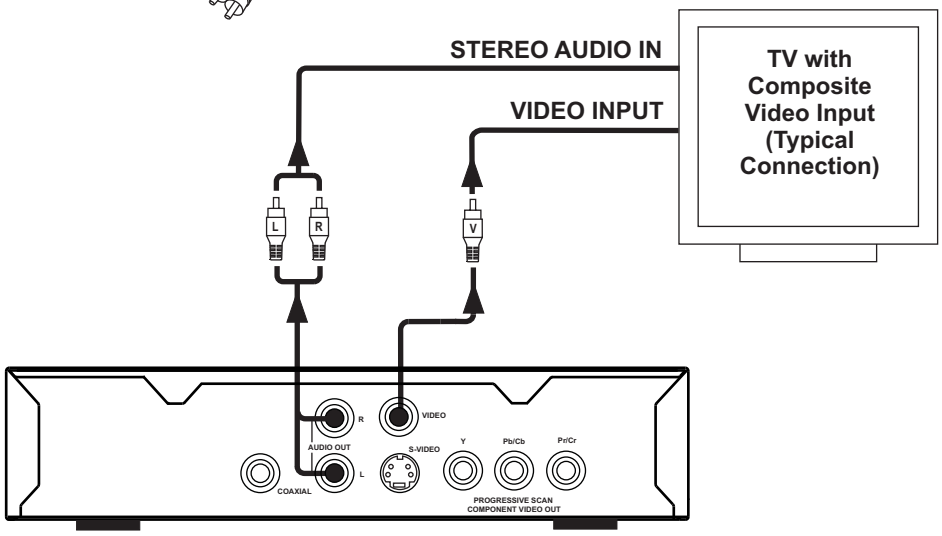
Composite Video Input Jack

Composite Video / Stereo Audio Cable

2 **Turn on the TV and DVD Player.**

3 **On your TV, select the video input. This is normally done by selecting "Video 1" or "Video Input" with the remote control. On some TVs, this is done by selecting a particular channel.**

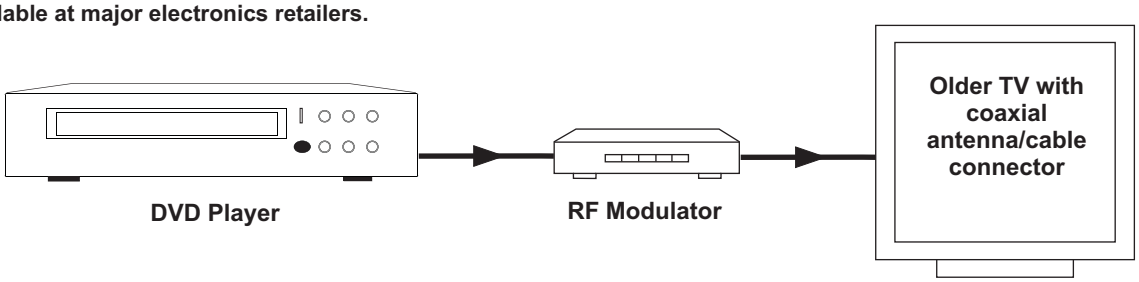
4 **You should now see the DVD players' splash screen on the TV.**



! Important note for older TV models

If your TV does not have a composite video-in jack like that pictured above, you cannot connect this unit directly. If this is the case, check to make sure your TV has at least a coaxial connector (used for antenna/cable TV/VCR/etc.) such as that pictured to the right. If this is case, you can use a *RF Modulator* to convert this unit's video out to the coaxial connection on your TV. RF Modulators are available at major electronics retailers.

Antenna/cable TV coaxial connector on older TVs



S-Video

This is a higher quality connection than standard composite video, and requires a special S-Video cable not included. The S-Video connector is distinguishable by its 4 pins, as shown below. If your TV has an S-Video input, it's recommended that you use this type of connection for better picture quality.

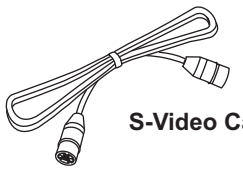
1 **First, obtain a special S-Video cable. Connect the S-Video output from the unit to the corresponding input on your TV.**

2 **Turn on the DVD Player.**

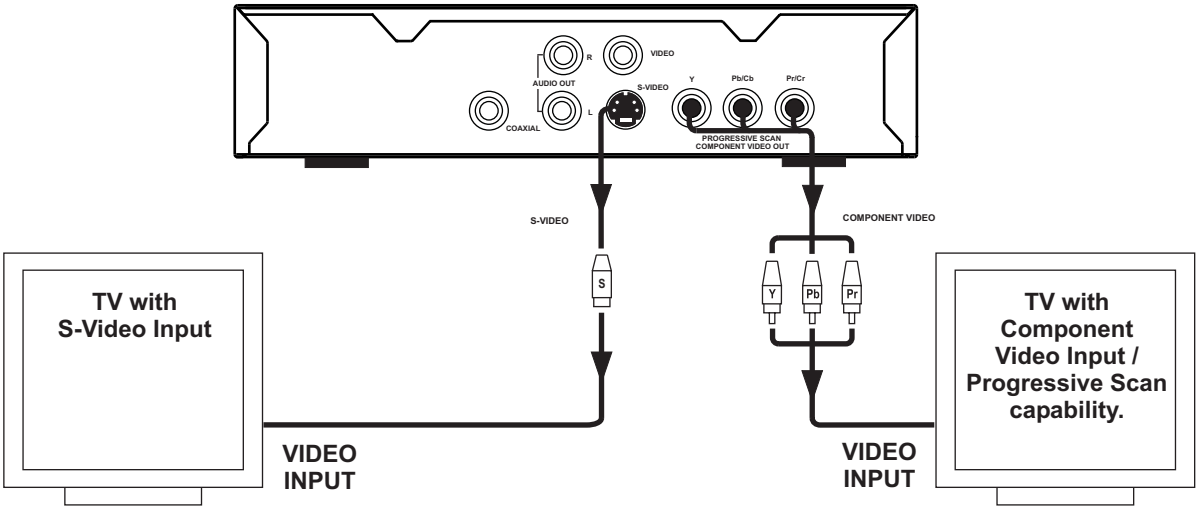
3 **On your TV, select the S-Video input. This is normally done by selecting "Video 2" or "AV2" with the remote control. On some TVs, this is done by selecting a particular channel.**

4 **You should now see the DVD players' splash screen on the TV.**

S-Video Input Jack



S-Video Cable



Component Video

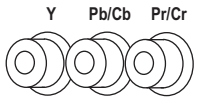
The highest quality video connection, component video requires separate cables for the Y, Pb/Cb, Pr/Cr signals. To use the progressive scan option on this unit, you'll need to use the component video output. Using the component video output requires these

1 **First, use the supplied A/V cable to connect to the composite video input on your TV.**

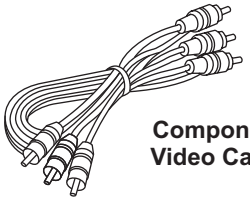
2 **Enter the player's Setup Menu by pressing SETUP on the remote control.**

3 **Change the VIDEO OUTPUT setting to YCbCr. If you are using a Progressive Scan TV, change the SCAN MODE to PROGRESSIVE.**

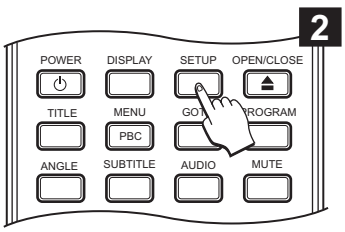
4 **Exit SETUP and connect the Component Video cables. Select the correct video input on your TV.**

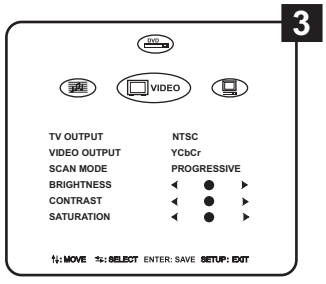


Component Video Input Jacks



Component Video Cable





! Reset the video output

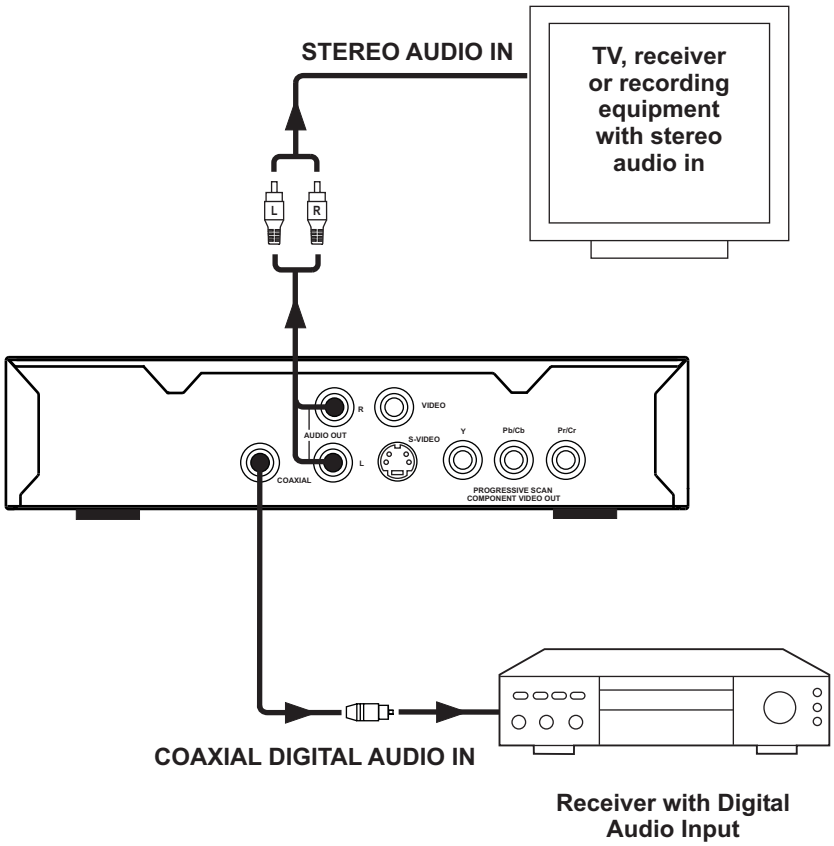
If the SCAN MODE setting is set to PROGRESSIVE but you are not using a progressive scan-capable TV, you will lose video . If this happens, reset the video to the default *Interlaced* mode, which is used by most TVs.

To reset the SCAN MODE, open the disc tray and press the STOP button on the front panel for five seconds.

Audio Output Connections

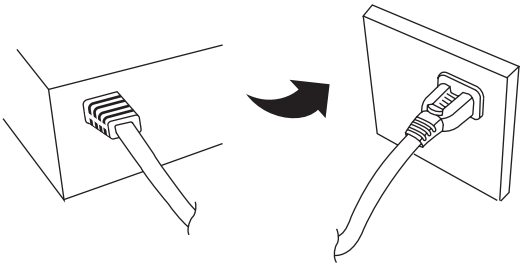
DVD player features a variety of audio line outputs for connection to another receiver.

- Use the included A/V cable to connect the stereo audio outputs for connection to a TV or recording equipment.
- Optical and Coaxial digital audio outputs send an encoded digital bitstream, suitable for receivers with Dolby decoding capability. These outputs require special cables not included.



Powering on the unit

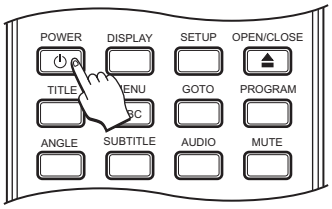
Only after all connections are complete, connect the power cord and power on the unit.



1 **Plug the standard electrical plug into a wall socket or power strip.**

2 **The unit is now in STANDBY MODE. Once the unit has been turned on, the unit will always be either ON, or in STANDBY MODE.**

3 **Press STANDBY on the remote control or front panel to bring the system out of standby mode. The system is now ready to use.**



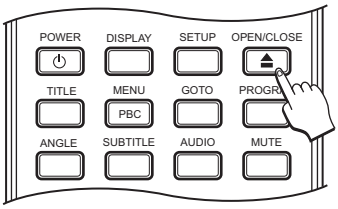
Notes on power states

There are three power states for this unit:

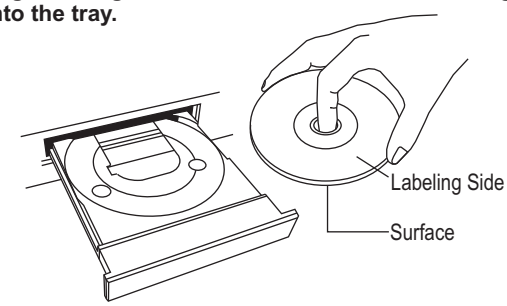
- OFF - The unit is not plugged into a wall outlet. The unit draws no power.
- STANDBY - The unit is plugged into a wall outlet. The unit has not been taken out of standby by pressing either the STANDBY key on the remote control or the ON / STANDBY button on the front panel. The unit draws a slight amount of power to enable the remote control receiving circuit. The standby LED is glowing red.
- ON - The unit is plugged into wall outlet and either the STANDBY button on the remote control *or* the ON / STANDBY button on the front panel has been pressed. The unit is ready to use. The LED is now glowing green.

Inserting a disc

1 **Press the OPEN/CLOSE button on the remote or front panel to open the disc tray.**



2 **Insert the disc, being careful not to touch the playing surface. Hold the disc by the sides and with your fore finger through the hold in the middle and insert gently into the tray.**



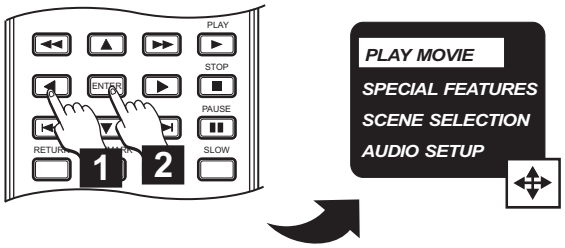
3 **Close the disc tray by pressing OPEN / CLOSE on the remote or front panel.**

Using disc menus

Playing a disc from the "root" menu

Most DVDs will automatically display a menu after the disc is inserted. This first menu is the first of possibly many layers, and is therefore known as the "root" menu.

1 **Use the ARROW keys on the remote control to navigate through the menu to the appropriate selection to start the movie.**

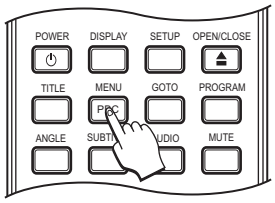


2 **Press ENTER to confirm your selection.**

Accessing a menu after play has started

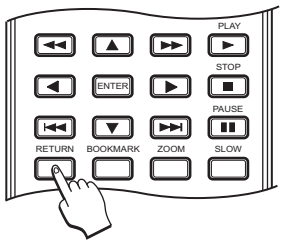
1 **If you wish to re-enter the menu after disc play has started, use the MENU key. MENU also exits the menu at any time.**

With VCD discs, this button functions as PBC (Playback Control), enabling or disabling the PBC function.



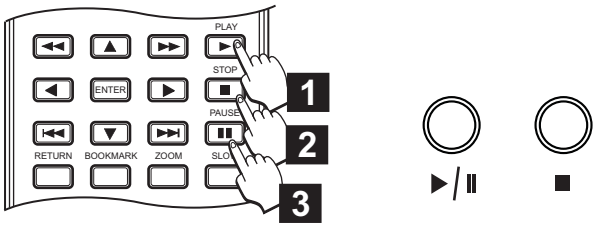
Using the RETURN key

1 **Use the RETURN key to go back to the previous layer of a menu. This function can be quite handy when using menus with many layers.**



Basic disc playback

Starting, pausing and stopping disc play



1 **PLAY - To begin playback of a disc, press PLAY.**

2 **STOP - To stop playback of a disc, press STOP. The first time STOP is pressed the location where disc play was halted is saved, and you can begin playback where you left off by pressing PLAY. If STOP is pressed twice, the playback location is reset to the beginning of the disc.**

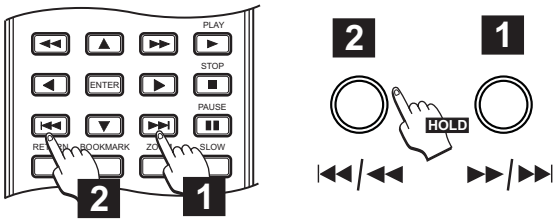
3 **PAUSE - To freeze disc playback on a single frame, press the PAUSE key. To resume normal playback, press PAUSE again, or press PLAY.**

About the screen saver

When disc playback remains paused for a period of about 3 minutes, the screen saver will load, protecting the television from "screen burn", which could occur if an unusually bright image is displayed on-screen for an extended period of time.

Skipping to the next or previous chapter/track

You can advance or skip back through the chapters or tracks on DVD discs, Audio CDs and other discs with the NEXT and PREVIOUS buttons on the remote control or front panel.



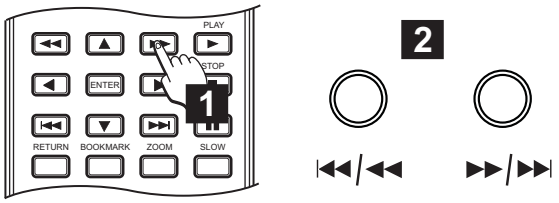
1 **On the front panel, note that the FF and NEXT functions share the same button, and likewise for the FR and PREVIOUS functions.**

SKIP NEXT - To advance to the next chapter or track, press the NEXT button on the remote control or press and hold the NEXT button on the front panel.

2 **SKIP PREVIOUS - Press the PREVIOUS button on the remote control or press and hold the PREVIOUS button on the front panel to skip back to the previous track.**

Fast Forward and Fast Reverse

You can scan through DVDs, VCDs and other discs in forward or reverse direction at speeds up to 32X (thirty-two times normal speed). Fast forward/reverse scanning will only work *during* disc playback, not when the disc is stopped.



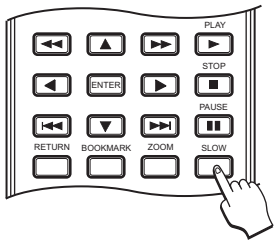
1 **To use the fast forward/reverse function with the remote control, press the FF or FR key repeatedly to cycle through all speeds in the desired direction. Available speeds are 2X, 4X, 8X, 16X & 32X. To resume normal playback, press the PLAY key.**

2 **On the front panel, note that the FF and NEXT functions share the same button, and likewise for the FR and PREVIOUS functions. To begin FF or FR scanning, press the corresponding button. Repeat this procedure to cycle through all available speeds, and return to normal playback.**

Advanced playback

Slow motion playback

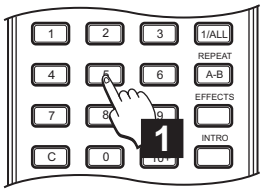
This unit supports slow motion playback of up to 1/32 normal speed.



1 **Press the SLOW MOTION button repeatedly to step through all options for slow playback. With DVDs, you can choose from ½, 1/4, 1/8, 1/16 or 1/32 speeds.**

Jumping to a specific chapter or track

You can jump directly to any title on DVD discs, or any track on Music CDs with the NUMBER keys.



1 **With DVDs, VCDs, or Audio CDs, press a number during playback of a disc to go directly to the corresponding title or chapter. On DVDs, if playback is stopped, pressing a number will jump to a title.**

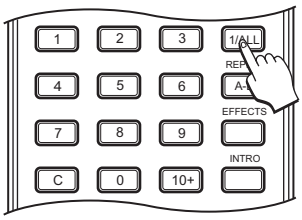
2 **Using the NUMBER keys with VCD discs may require the PBC function to be disabled. To disable PBC, press the PBC button.**

Using the Number Keys

- Numbers 10 or smaller are entered directly.
- To enter a number greater than 10, first press the 10+ key once for each tens digit, then press the ones digit. As an example, to enter 25, first press the 10+ key 2 times, then press 5.

Repeating a disc, chapter, title or track

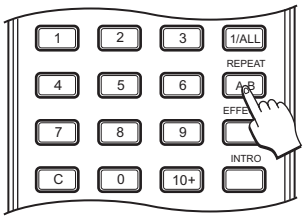
To repeat a segment of a disc, use the REPEAT 1/ALL key. On DVDs, you can repeat a title or chapter. On VCDs, track and disc repeat is supported, but PBC must be disabled first (Press the PBC key). Audio CDs also allow repeat of tracks, the entire disc or random track playback.



1 **Press REPEAT 1/ALL during disc playback to cycle through the available options, which are listed on-screen.**

Repeating a segment you define

Unlike the REPEAT 1/ALL key, which allows you to repeat segments already defined on a disc, such as tracks and chapters, the REPEAT A-B key lets you define your own segments to repeat.



1 **During playback, when you reach the start of the segment you want to repeat, press the REPEAT A-B button. The following icon is displayed on-screen briefly, letting you know that the segment start point has been saved.**

A - B REPEAT, SET A POINT

2 **When you reach the end of the segment you want to repeat, press the REPEAT A-B button again. The repea icon on-screen changes briefly to the following, reporting that the endpoint of the video segment has been saved. The segment will now begin repeating.**

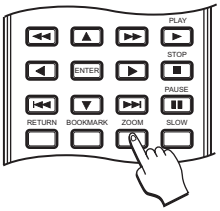
A - B REPEAT, SET B POINT

3 **To cancel repeat and resume normal playback, press REPEAT A-B again. The REPEAT OFF icon appears briefly on the screen.**

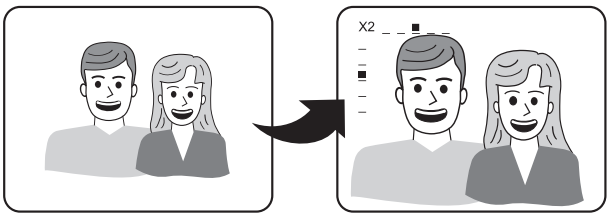
REPEAT OFF

Using the zoom function

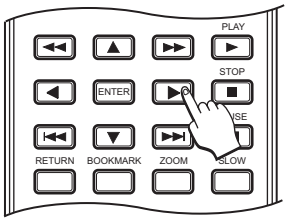
Use the zoom function to zoom in or out during disc playback or when a frame is paused on-screen.

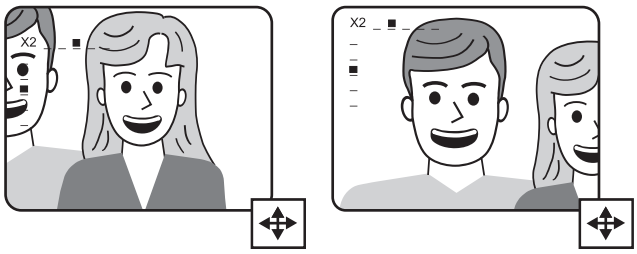


1 **Press the ZOOM key to magnify the screen by a factor of 2. This is called 2X zoom, and is indicated in the upper left corner of the screen as shown:**



2 **Press the ZOOM key repeatedly to cycle through all the zoom levels. You can enlarge the screen to 2X or 4X normal size. To resume normal viewing, press ZOOM until the zoom indicator disappears.**

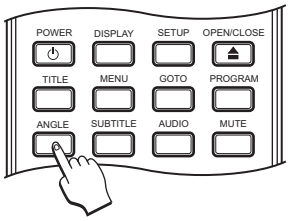




3 **Use the ARROW keys to move around the image. This will display the parts of the image that do not appear on-screen when the image is zoomed in.**

Multi-angle function

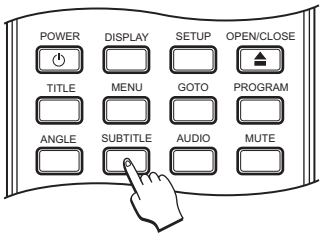
Some DVD discs are recorded with multiple viewing angles for certain scenes. When you are viewing a disc that supports this feature, you can choose among the available angles on the disc with the ANGLE key.



1 **Most discs with multi-angle will display an indicator, or *angle mark*, that alerts the viewer that multiple angles are available for the current scene. When this mark appears on-screen, press the ANGLE button to select an angle to view.**

Subtitles

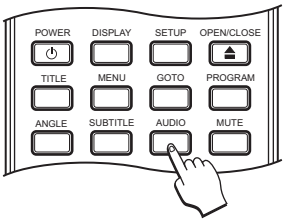
Most DVD discs include at least one subtitle track in one language. Subtitles are useful viewing movies in a foreign language or for hearing-impaired viewers.



1 **Press SUBTITLE during playback repeatedly to view all the available subtitles on a disc or turn subtitles off.**

Changing the audio track

Most DVD discs are recorded with multiple audio tracks. These can contain multiple languages and different audio formats, such as 2 Channel Stereo or Dolby 5.1. A director's commentary track - where the director can be heard discussing the movie - is also common on DVDs.



1 **During playback, press the AUDIO button to cycle through all the available tracks on a DVD or VCD disc.**

Displaying playback information

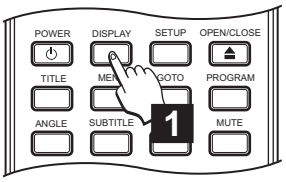
When playing a DVD, or other disc, you can display time-related information about the playback session on-screen with the DISPLAY key. You can also jump to a particular chapter, track or specific time in one menu for quick and easy access.

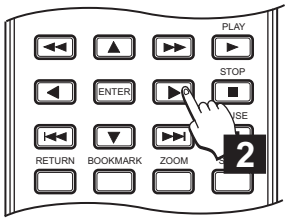
DVD

1) Display Menu
2) Title Play Time
3) Title Remain Time
4) Chapter Play Time
5) Chapter Remain Time
6) Close Display Menu

Audio CD

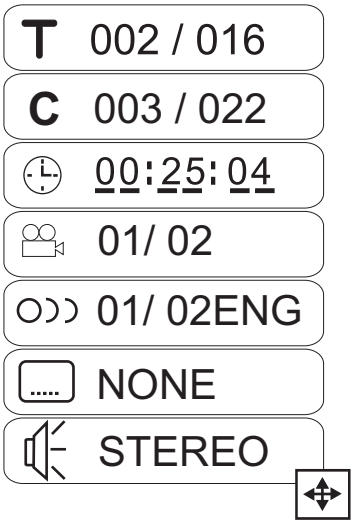
1) Display Menu
2) Disc Play Time
3) Disc Remain Time
4) Track Play Time
5) Track Remain Time
6) Close Remain Menu





1 **During playback, press DISPLAY repeatedly to view information on time remaining and elapsed time for chapters/tracks on DVDs, VCDs and Music CDs.**

DVD ➡



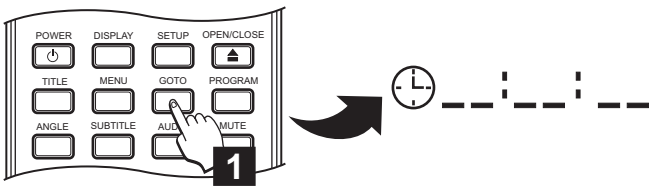
Quick Tips

- **Available functions depend upon the type of disc used.**
- **Functions vary among DVD discs. The unavailable symbol will be displayed when you try to use a function that is not available.**

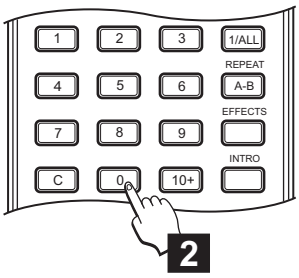
2 **Use the ARROW keys to move around the menu. When you have selected the item to change, use the appropriate ARROW or NUMBER keys to make your choice.**

Using the goto function

Use the GOTO function to jump to a chapter / track or specified time on a disc.



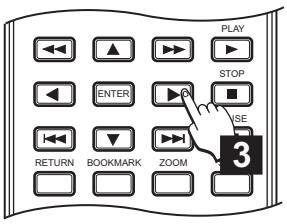
1 **During playback of a DVD, press the GOTO key once. A menu item will appear on-screen for you to enter the time (hours, minutes and seconds) on the disc you wish to begin playback. Use the number keys to enter your desired time.**

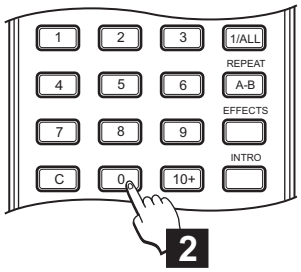


00:32:18

2 **Use the NUMBER keys to enter the time. Press ENTER when finished. In the example above, we are jumping to a time on the disc of 32 minutes and 18 seconds.**

T 01 / 28 C 08 / 28

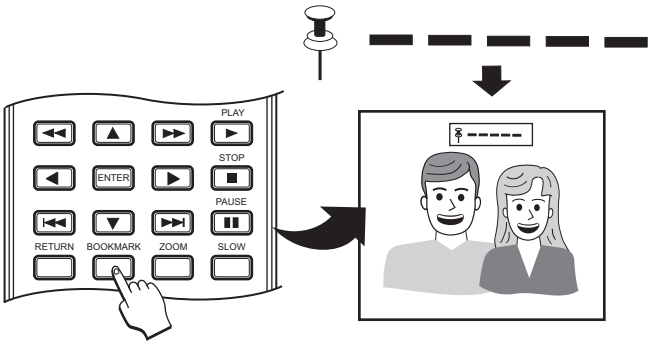




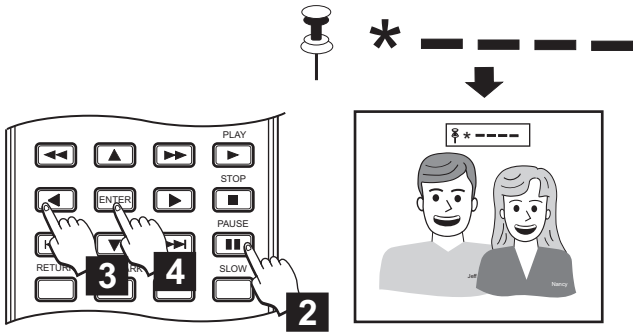
3 **Press the GOTO key a second time, this will allow you to select the track or chapter you wish to jump to. Use the ARROW keys to navigate and the NUMBER keys to select a title or chapter. Press ENTER to jump to your selection.**

Saving bookmarks locations for quick play

When playing a DVD, or other disc, you can "mark" a point on the disc you can playback at a later time. For example, to replay a favorite scene after viewing the entire DVD movie. You can store up to five bookmarks and also can be used with VCDs and Audio Cds.



1 **During playback of a DVD, press the BOOKMARK key.**



2 **Press the PAUSE key, marking the point for your bookmark.**

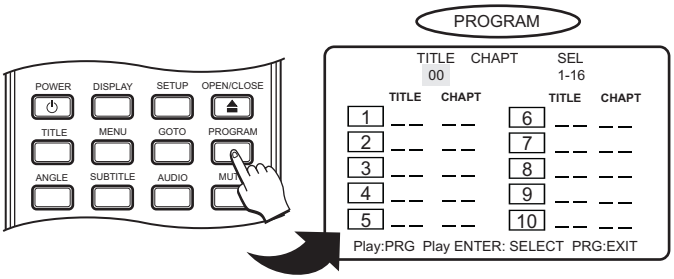
3 **Use the ARROW keys to navigate the five possible bookmark locations.**

4 **Press the ENTER key to save the bookmark location. A " * " indicates that you have saved a bookmark in this position. Press the PLAY key to resume playback, press BOOKMARK to exit the bookmark menu.**

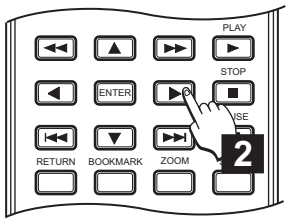
5 **To play a stored bookmark, press BOOKMARK, use the ARROW keys to select a programmed bookmark designated by the " * " and press the PLAY key. Press the BOOKMARK key at any time to exit the menu.**

Create a custom playlist

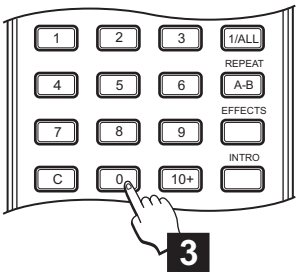
You can program playback of chapters or tracks on your disc in the order you specify using the PROGRAM key.



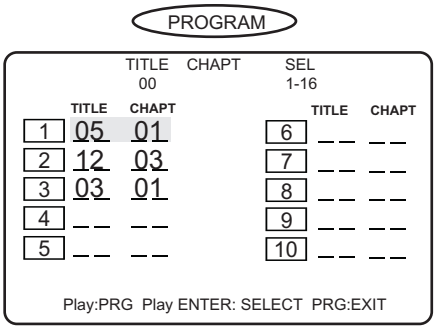
1 **During playback of a DVD, press the PROGRAM key once. The Program Menu will appear on-screen for you to enter the title and chapter on the disc . Use the number keys to enter your desired time.**



2 **Use the ARROW keys to navigate. Thirty possible programming locations are available for you.**



3 **Use the NUMBER, C (clear), and 10+ keys to enter the the track and chapter to play in each entry. Press ENTER when finished. In the example above, we are jumping to a time on the disc of 32 minutes and 18 seconds.**



4 **To play your programmed entries, use the ARROW keys to navigate to the starting title chapter selection and press the PLAY key. In the example above, track five will play first, then track 12, and finally track 3.**

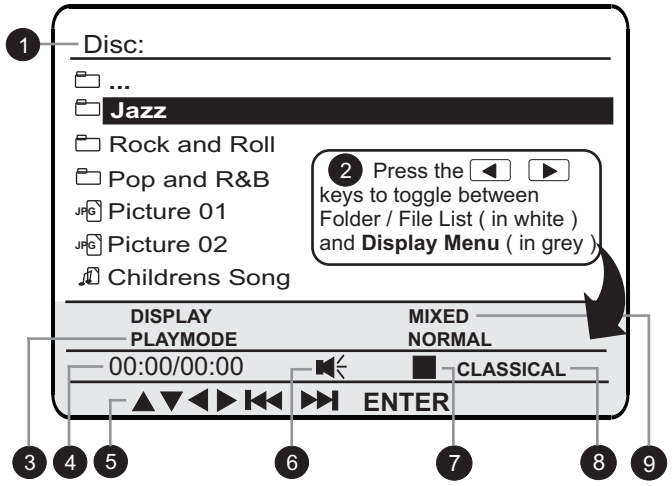
Quick Tips

- To Exit Program Play, press STOP twice, then PLAY.
- Programs will be erased when power is turned off or the current disc ejected.
- To Erase or edit the current program, navigate to arrow key to programed entry and use “C” to Clear.

MP3 AND JPG OPERATION

The MP3 / JPG navigator

The DVD player will launch the On-Screen Navigator when a disc containing MP3 or JPG files is inserted. The Navigator provides an easy way to select which files you want to play and how you wish to play them back.



The On-Screen Navigator has many parts and features which include :

1 Folder/File List (top white half)
Lists the current folders and files on the disc.

2 Display Menu (bottom grey half)
Make changes to features and options in this section. Use the RIGHT / LEFT ARROW key to toggle between the Display Menu and Folder/File List.

3 Playmode Options
Select from various playback options, press ENTER to select :

- NORMAL - Plays all files on the disc in succession, starting from the first file, and then stops.
- SHUFFLE - Plays all files in a folder using a random order and stops.
- REPEAT ONE - Repeats a single file continuously.
- REPEAT DIR - Repeats all files in the selected directory or folder continuously.
- RANDOM - Continuous playback of the files in a folder using a random selection process.

4 Time Elapsed / Total Track Time Display
Displays time elapsed and total time of track during playback.

5 Button Control Options
Displays buttons available to be used with the Navigator.

6 Mute Display
Press the MUTE key to enable or disable this function.

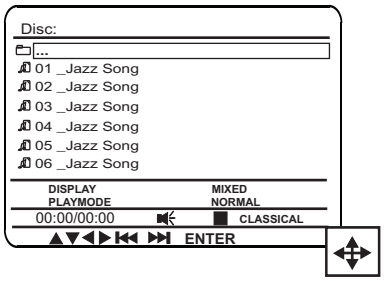
7 Playback Display
Displays the current playback mode.

8 Effects Display
Press the EFFECT key to select from various audio effects.

9 File List Display Options
Select from various file list options. Press ENTER to select.

- MIXED - Displays all files
- MP3 and JPG - Displays MP3 and JPG files only.
- MP3 - Displays Mp3 files only.
- JPG - Displays JPG files only.

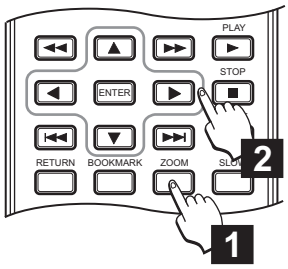
MP3 / JPG playback

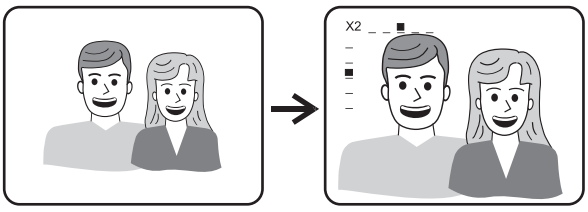


1 **Insert a disc containing JPG and / or MP3 files. The navigator appears on screen. Use the ARROW keys to select a file for playback. Press PLAY to begin.**

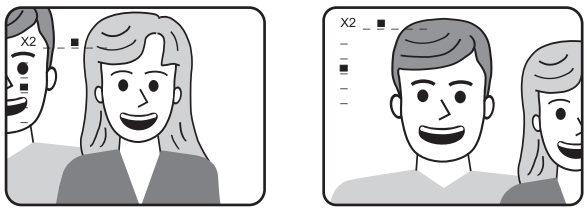
Using the zoom feature

Use the ZOOM feature to magnify the JPG file displayed.





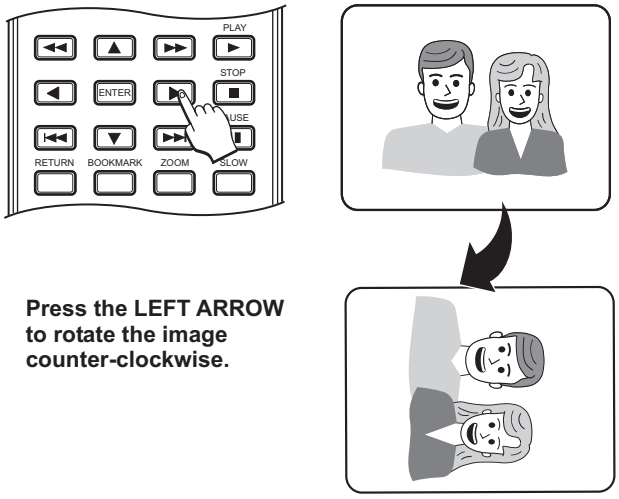
1 **While the JPG file is displayed, press the ZOOM key repeatedly to select the magnification level desired.**



2 **To be able to display portions of the image that are now outside of your picture, use the ARROW keys to navigate the around image. Press the ZOOM key to return to normal magnification.**

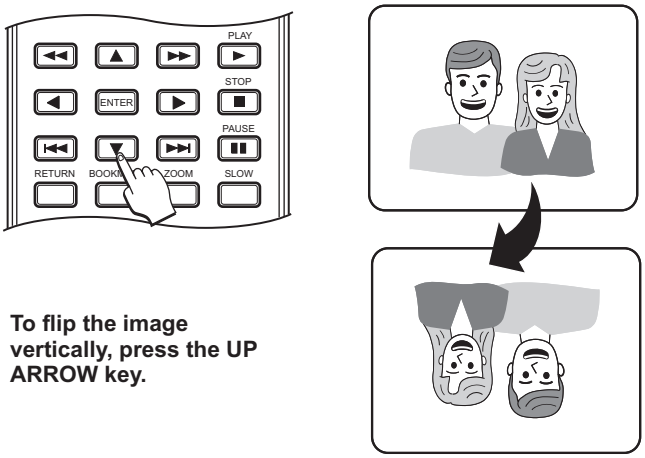
Rotating and flipping JPG images

While a JPG is displayed, you can rotate the image or flip it horizontally or vertically.



Press the LEFT ARROW to rotate the image counter-clockwise.

1 **To rotate an image in the clockwise direction, press the RIGHT ARROW key.**



To flip the image vertically, press the UP ARROW key.

2 **To flip the image horizontally, press the DOWN ARROW key.**

JPG slide show features

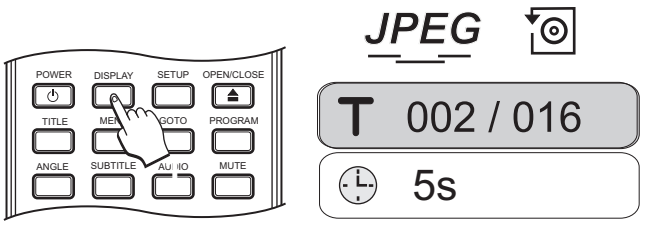
You can also select the from various repeat options and the transition time interval for your JPG slide show.

Repeat Dir - Displays all of the JPG files in the selected folder continuously.

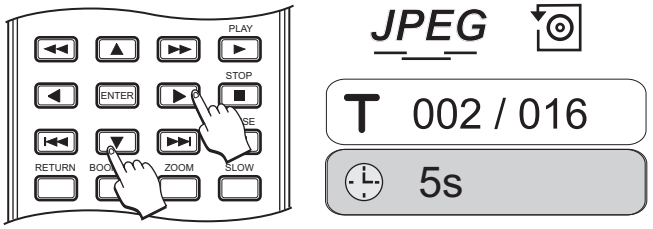
Random - Displays all of the JPG files in a random order continuously.

Shuffle - Displays all of the JPG files in a random order once.

Shuffle - Press the NEXT or PREVIOUS keys to display JPG files in sequential order.



1 **During a JPG slide show, press the DISPLAY key. A menu displaying the track and time interval option will appear.**



2 **Use the UP / DOWN ARROW keys to select the time interval option from the display menu. Press LEFT / RIGHT ARROW keys to select your desired time interval**

JPG notes

- JPG files must be stored on discs with the extension "JPG", such as "picture1.jpg", otherwise the files will not be recognized.
- CD-R/RW discs containing JPG files should be in ISO/9660, Mode 1, Closed Session format for best compatibility.

MP3 notes

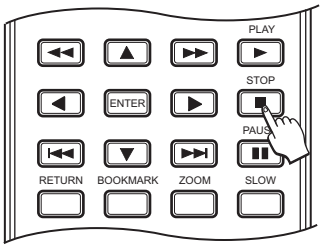
- MP3 files must be stored on discs with the extension "MP3", such as "song1.mp3", otherwise the files will not be recognized.
- CD-R/RW discs containing MP3 files should be in ISO/9660, Mode 1, Closed Session format for best compatibility.

THE DVD PLAYER SETUP MENU

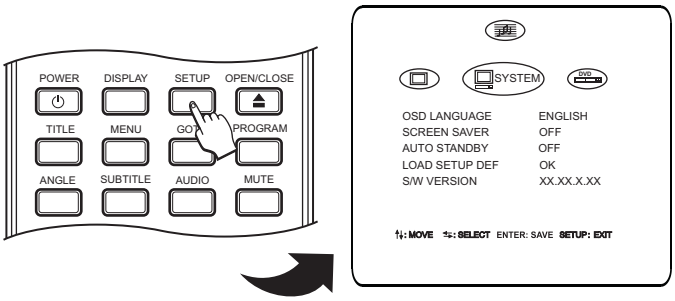
Using the setup menu

The DVD player's SETUP MENU is where you can configure various settings related to the DVD functionality of this unit, such as what type of TV you're using, which languages you prefer, parental control options and many more.

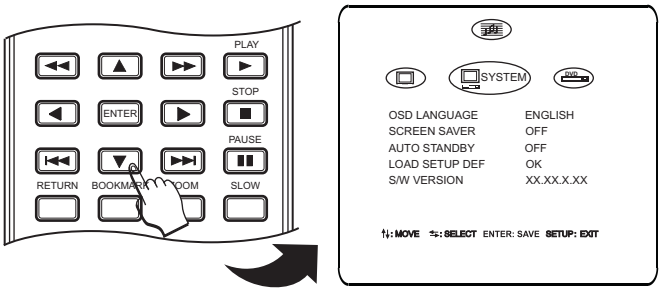
1 **Though the SETUP MENU can be accessed during disc playback, you must press the STOP key twice to have access to all options.**

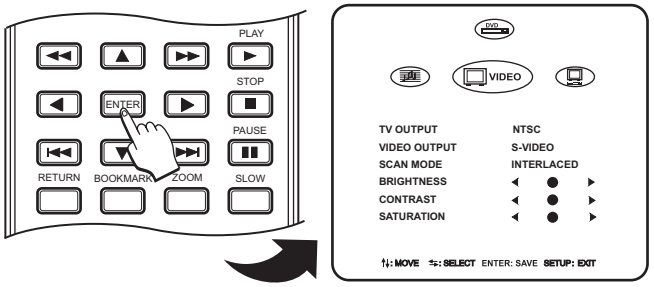


2 **Press SETUP to enter the SETUP MENU.**

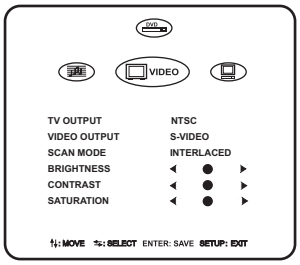


3 **Use the ARROW keys to move around the menu, and ENTER to confirm options and open sub-menus. To exit, press the SETUP key.**





The video setup page



VIDEO SETUP PAGE

TV TYPE

Default Setting : **NTSC**

You can setup your DVD Player to work with televisions based on the NTSC and PAL standards as well as televisions designed to function with both standards, or "**AUTO**" models. NTSC is the standard TV system used in the USA, Canada, Japan and many other countries. The **PAL** TV system is used in Europe, Africa, and the Middle East, among other places. Refer to your TV's documentation to make sure which model you have.

VIDEO OUTPUT

Default Setting : **S - VIDEO**

Use the default setting of S - Video when making a **COMPOSITE** or **S - VIDEO** connection. Composite is the most common type supported on TV's. To use the S - Video connection, use an S - Video cable, not included, and switch the TV's video input setting to S - Video. For **PROGRESSIVE SCAN or COMPONENT VIDEO OUTPUT** you must first connect using either the composite or S - Video connector and cable. Then enter change VIDEO OUTPUT to YCbCr. Next select SCAN MODE for Interlaced (component) or Progressive Scan. Next connect the YUV cables, not included, from the player to the TV. Then adjust the Tv's video input setting to correspond to the YUV input.

Quick Tips

To Reset the DVD Player's Video Mode Setting:

Warning: If you selected PROGRESSIVE for the SCAN MODE and your TV does not support type of display, the display may go blank and you will not be able to view the Setup Menu to change back the video settings. If this happens, Turn OFF (Standby) the player, Turn back ON Player, Open Disc Tray and Press and hold the STOP button on player for 5 Seconds to reset the Scan Mode.

SCAN MODE

Default setting: **INTERLACED**

When using YUV ouputs, you can change this setting. ***DO NOT USE*** this setting if your TV does not support Progressive Scan. Use the UP / DOWN ARROW and ENTER keys to select **PROGRESSIVE.**

BRIGHTNESS

Here is where you can set the BRIGHTNESS level. Use the LEFT / RIGHT ARROW keys to make adjustments.

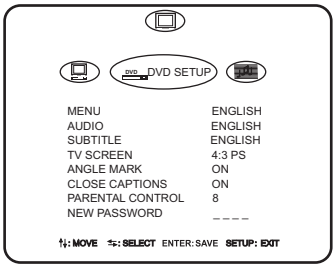
CONTRAST

Adjust the CONTRAST level with the LEFT / RIGHT ARROW keys.

LAST MEMORY

Adjust the SATURATION of the video output with the LEFT / RIGHT ARROW keys.

The DVD setup menu



MENU, AUDIO, SUBTITLE LANGUAGE

Default setting: **ENGLISH**

Use these settings to set the player's preferred language for DVD Audio tracks, subtitles and menus.

TV DISPLAY

Default setting: **4 :3 PS**

You can setup your DVD Player to work with normal and wide screen televisions. If you are using a wide screen TV, set this option to **16:9** to match the aspect ratio of your TV. When used with a normal TV (4:3 aspect ratio), the **4:3 PS** setting results in the typical "Pan & Scan" display, where a movie is clipped on the sides to fit into the TV screen. The **4:3 LB** setting will enable the "Letterbox" format, where the movie is presented in wide screen format with black lines at the top and bottom of the screen. Note: The **PS** and **LB** usually will have no effect, since very few movies support both options. DVDs are generally recorded with either PS or LB and do not allow switching between the two.

ANGLE MARK

Default setting: **ON**

When used with discs supporting multi-angle features, the Angle Mark continuously displays the current angle you're viewing on screen. Setting ANGLE MARK to **OFF** will cancel continuous display, and the current angle will be displayed on-screen for just a few seconds after an angle change.

CLOSED CAPTIONS

Default setting: **OFF**

Not all discs support Closed Captions. However, setting CLOSE CAPTION to **ON** will display captions when supporting discs are used. If you don't wish to automatically enable captions, set this option to **OFF**.

PARENTAL CONTR

Default setting: **8**

The Parental Lock allows you to limit the use of your DVD Player to only those DVD discs that do not exceed the rating you specify. When the Parental Control is set, DVD discs that support this feature will play only after the password has been entered. However, typically only discs produced by major entertainment companies support Parental Control. You can choose from eight levels of Parental Control, corresponding to the standard rating system in the USA. You will need to enter a valid password before making changes to Parental Control settings - refer to the section below.

PASSWORD

To begin using the Parental Control, enter the factory password of 3351. Once this password is entered, you will be able to change the Parental Control setting or enter an additional user password (the factory password cannot be deleted or changed). To enter your own user password, key in a four digit number into the NEW PASSWORD field. The user password and the factory password can now both be used. You can change the user password at any time after entering a valid password. The user password is useful for allowing others - for example a babysitter - temporary access to Parental Control settings.

! *Note on parental security*

Remember to keep in mind that the key to the Parental Control feature is the factory default password of 3351.

Consequently, your player may not be secure if this manual is accessible by your children.

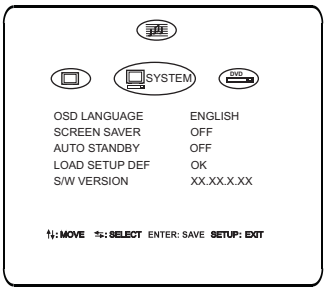
The audio setup menu

The settings you choose in the Audio Setup Page will be determined by the type of audio equipment you are using with the DVD Player. The factory default settings are configured with the assumption that you are using the player with a standard TV supporting Stereo Audio Inputs. This menu will allow you to enable the Digital Audio Output if you wish to use the Coaxial Digital Audio Output with a Digital Receiver.

DIGITAL OUTPUT

SPDIF (Sony / Phillips Digital InterFace) refers to the digital audio format used by most consumer electronics equipment as well as the Coaxial Digital Audio Output connector. If you are using the Stereo Audio Output, change this setting to BITSTREAM or LPCM. Generally, the BITSTREAM setting is used with receivers capable of Dolby Digital 5.1 channel decoding, while the LPCM 48K setting is reserved for two channel equipment.

The system setup menu



OSD LANGUAGE

Default setting: **ENGLISH**

Sets the On - Screen - Display language for the Setup Menu.

SCREEN SAVER

Default setting: **OFF**

The screen saver will automatically start when set to **ON** after a few minutes of inactivity. To disable this function, set this option to **OFF.**

AUTO STANDBY

Default setting: **OFF**

With screen saver set to ON, you have the option to enable Auto Standby. When setting this option to ON, the DVD player will go into Standby mode after 25 minutes.

LOAD SETUP DEF

Default setting: **OK**

Press the ENTER key to return all settings of your DVD Player's Setup Menu to the factory defaults. This will reset all values for General, Audio, Video and Language settings, with the exception of the Parental Control Password.

S/W VERSION

Displays the current software version for the DVD Player.

TROUBLESHOOTING

DVD PLAYER DOES NOT POWER ON

- The AC power cord may be loose or not plugged in. Ensure the power cord is secure in the AC socket.
- The unit may be in Stand By mode. Turn the power on with the remote control's POWER key, or turn the unit off, wait a few seconds, then turn the unit on with the front power switch.
- There must be a pause between powering the unit down and back on for a few seconds.

THE DISC DOES NOT PLAY

- The disc may need cleaning.
- Ensure the disc is not upside down.
- The region code of the disc may not match the players.

THE REMOTE CONTROL DOES NOT FUNCTION

- Ensure the remote control is within 30 degrees of the DVD player's remote control sensor located on the front panel.
- Ensure there are no obstacles between the remote control and the DVD player.
- The battery for the remote control may need to be changed.
- You may be out of range for the remote control, try to move closer.

NO PICTURE ON THE SCREEN

- Ensure the connections from the DVD player to the TV are secure.
- Verify the TV's channel is set to match the video input your are using. Please refer to your TV's documentation.
- On most TV's, the " AUX IN ". " VIDEO IN", or " AV IN " channel should match the video input connector.
- If you are using the S-Video connector, the TV may have a separate input channel.

NO SOUND FROM THE TV SPEAKERS

- If you are using a Digital Receiver, you must enable SPDIF in the player's Setup Menu.
- Ensure the audio cables connecting the DVD player to your TV are secure.
- If you have pressed the PAUSE key during playback, no sound will be played, this is normal.
- If the 5.1 Channel soundtrack is enabled in the DVD Disc Menu, but you are using Stereo Analog audio, the sound will not work. Try switching the soundtrack to Dolby 5.1 or PCM mode in the Disc Menu.

SOME SETTINGS IN THE SETUP MENU ARE UNAVAILABLE

- You must completely stop playback by pressing the STOP key twice.

DISTORTED PICTURE WHEN CONNECTED TO VCR

- This DVD player is built with Macrovision Copy Protection. Connect your player directly to your TV instead of the VCR.

SPECIFICATIONS

DVD PLAYER

- Playable Discs . . . . . .
  DVD, Audio CD, VCD, CD-R, CD-RW
- TV Systems Supported. . . . . MULTI, NTSC and PAL
- Laser . . . . . wavelength 650nm
- DVD Linear Sound:
  48kHz Sampling . . . . . 4Hz to 22kHz
  96kHz Sampling . . . . . 4Hz to 44kHz
  Audio CD . . . . . 4Hz to 20kHz
- Signal to Noise Ratio . . . . . >90dB
- Audio Dynamic Range . . . . . >80dB
- Harmonic Distortion . . . . . < 0.015%
- Wow and Flutter. . . . . +/- 0.001% (W.PEAK)
- Connections:
  Component Video Out:
  Y . . . . . 1.0Vp-p (75 Ohm), Negative Sync
  Pb/Pr . . . . . .7Vp-p (75 Ohm)
  S-Video Out. . . . . Mini DIN 4-Pin (75 Ohm)
  Composite Video Out . . . . One Pin Jack, 1Vp-p (75 Ohm)
  Coaxial Digital Out. . . . . One Pin Jack, .5Vp-p (75 Ohm)
  Analog Audio Out. . . . . 2.0VRMS (470 Ohm)
  Optical Digital Output : Optical Terminal
- Operating Conditions. . . . . 5°C to 35°C (41°F to 95°F)
- Power Supply . . . . . AC 100V ~230V,50/60Hz
- Power Consumption . . . . . Normal :12W Standby : 6.5W
- Dimensions . . . . 225mm x 52mm x 231mm (W x H x D)
  8.86 ” x 2.05 ” x 9 “ (W x H x D)
- Weight. 1.6kg
  3.5 lbs.

**Specifications subject to change without notice. Part #: 300C*

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