CyberHome

We bring DVD home!

CH-DVD 300

USA Version 1.1

DVD Player
Owner's Manual

Welcome to the Digital Video Revolution!

Your Cyber Home DVD Player is designed to provide a great Home Theater experience with super-crisp Video and thundering Digital Sound. Please retain this User Manual for future reference. Remember to read the manual carefully before connecting and powering on the unit.

DVD VIDEO DOLBY DIGITAL dts DIGITAL OUT MP3

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Important Safety Instructions

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.

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

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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.

CLASS 1 LASER PRODUCT

The DVD-Player is a class 1 laser product. However, this DVD-Player uses a visible laser beam, which could cause hazardous radiation exposure, if directed. Be sure to operate the DVD-Player correctly as instructed. When this DVD-Player is plugged into the plug socket, do not place your eyes close to the opening of the disc tray and other openings to look into the inside of this player. Do not open covers and do not repair yourself. Refer to the qualified personnel for servicing. Invisible laser radiation when cover is opened and interlock failed or defeated. Avoid direct exposure to beam.

When using this DVD player, basic precautions should always be followed, including the following:

- Read these instructions
- Keep these instructions
- Heed all warnings
- Follow all instructions
- Do not use this apparatus near water
- Clean only with dry cloth
- 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 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.
- 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 power-supply cord or plug is damaged liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 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.

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 to this unit.
- Do not connect or disconnect the AC power cord with wet hands.
- 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.
- 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 or closed automobiles
- high temperature [over 35° C (95° F)] or 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:

- immediately after a heater has been turned on
- in a steamy or very humid room
- 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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DVD Player Features & Supported Discs

Welcome to the Digital Video Revolution! Your new DVD Player opens the door to a much richer home entertainment experience than you've ever seen before. Enhanced Video and Sound quality, as well as greater flexibility and options are just some of the benefits of Digital Video over conventional formats such as VHS. And your DVD Player also doubles as a superior Music machine, playing CD Audio or "Compact" Discs, as well as discs containing MP3 Music Files.

Features

- Suitable for multiple disc formats, including DVD, conventional Audio CD's, CD-R/RW, MP3 and DTS.
- Multiple levels of slow playback. Slow motion without distracting signals in various speeds.
- Repeat playback - Video segments can be selected for repeat playback.
- Multi-Language Display - Usage mode can be displayed on the screen in different languages.
- On-Screen Display and Setup - On-Screen Interface for MP3 Playback.
- Parental Control allows you to block discs with a password depending on the rating.
- Standby Power with LED for quick power-on and power save.
- View JPG Images on your TV.
- Screen Saver protects your TV when unit is paused for a length of time.
- Zoom In and Zoom Out on picture in still mode or playback mode.
- Program Function - Specify the playback sequence for MP3, Audio CD or DVD Tracks.
- YUV - Progressive Scan or Component, S-Video & Composite Video Outputs.
- Coaxial Digital & Stereo Analog Audio Output.
- Multi-functional remote control - A wide variety of functions can be controlled by the Remote Control in the most convenient way.
- Direct track selection function (MP3 and CD) - Number buttons can be used for quick selection of MP3 and CD titles with the remote control.

Supported Disc Formats

The following is a list of disc types that are suitable for play in your DVD Player:

Digital Video Discs

This player is suitable for DVDs of 12cm and 8cm sizes. Single-Sided and Double-Sided DVDs of Single-Layer or Double-Layer type are supported. Discs of NTSC and PAL color systems are supported.

Note: This DVD Player adheres to Region Code Standards. Units sold in North America will only play Region Code 1 discs. The region code is marked on the disc as shown:

Video CDs

This player supports Video CDs with or without the PBC function. PBC allows for more advanced navigation and features.

Compact Discs - Digital Audio

Music CDs may be used in this player. Also, CD-R and CD-RW discs containing CD-Audio tracks are supported.

MP3 Discs (Including CD-R & CD-RW)

This player features an On-Screen MP3 Player for navigating and playing MP3 files stored on disc. Files must have the ".MP3" extension. When recording MP3 files to a CD-R or CD-RW disc, you must "close the session" before the disc will be useable with this player. A maximum of 250 directories and tracks are allowed.

JPG Image Files (CD-R & CD-RW)

The On-Screen JPG Navigator lets you select images to view on your TV. Slide-Show mode is also supported. Files must be saved with the ".JPG" extension.

*Specifications are subject to change without notice. *All trademarks, logos, brand names and company names are the property of their respective owners.

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Caring for Optical Discs

Handling of Discs:

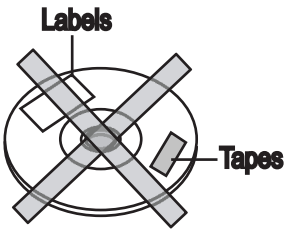
Please hold the disc by gripping the rim or by placing the index finger in the central hole. Never touch the signal surface, which is shiny. This applies to both sides of double sided discs.

Cleaning of Discs:

Finger prints or stains on the surface of the disc may cause signal loss. Depending on the degree of the stain, the reflected luminosity from the signal surface may be weakened, resulting in degraded picture quality. Therefore, please 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.

If the surface of your disc is very dirty, please wipe the disc with a moist cloth, followed by a dry soft cloth to remove all water stains.

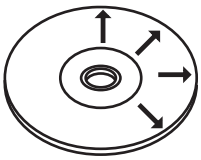
Never use electrostatic prevention products or solutions which contain benzene, thinner or any other vaporizing substances, as they may damage the disc surface.



Never add labels or adhesive tapes on the discs and be careful not to scratch or damage the disc surface.

Storage of Discs:

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.



Please thoroughly read the "Instruction Points for Attention" on the discs.

Cleaning the DVD Player:

The control panel and the case of the player will only require occasional wiping with a soft cloth. Areas with stubborn stains can be cleaned with a soft cloth dipped in a neutral detergent. To prevent damaging the player, never use vaporizing solutions.

Disc Accessories:

Do not use any disc accessory to improve the audio quality, disc protective solutions or lens cleaner. These products may cause problems.

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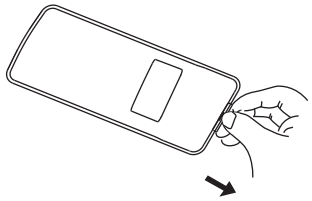
Preparing and Using the Remote Control

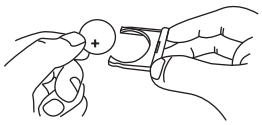
Installing the Batteries

If the remote control only operates when you get closer to the DVD Player, it may mean the battery is weak. Please replace the battery (Lithium battery) simultaneously with new battery (CR2025) of the same type. Please note the positive (+) side is facing upwards on the remote.

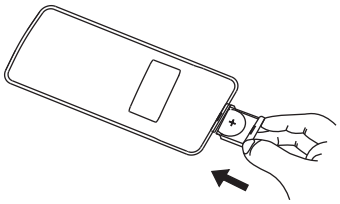
1. Pull out the battery holder to remove the battery compartment.



2. Insert new Battery into the battery holder. Make sure that positive (+) side is facing upwards.



3. Put the battery holder back on the remote.

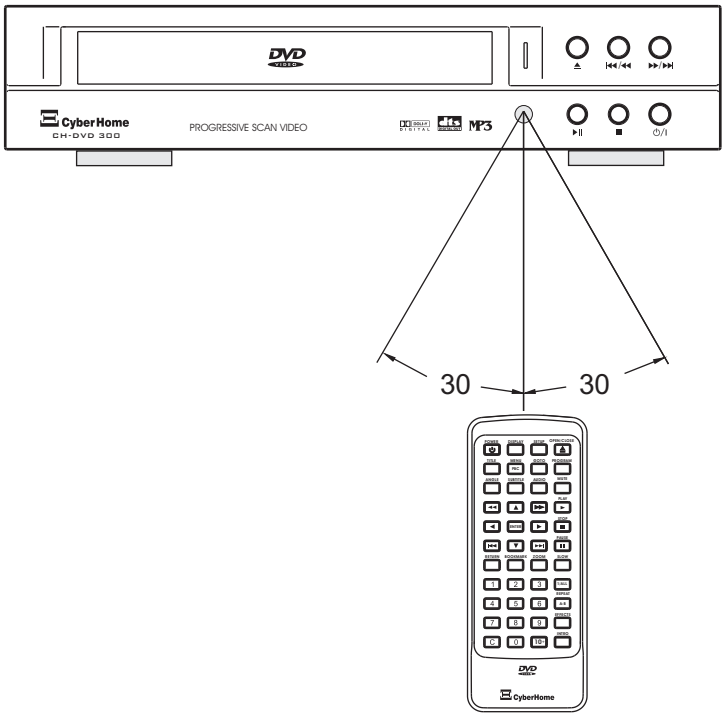


Important Note about Batteries

- If the unit will not be used for an extended length of time, it's wise to remove the batteries before storage.
- The life of the battery depends on the amount of usage. With typical use, a battery life of approximately 6 months can be expected.

Operation of Remote Control

When using the control, please aim at the device's remote control sensor, located in the DVD



Quick Tips

- *Make sure no objects are between the remote and the player.*
- *Similar remote controls could interfere with the function of the player.*
- *Make sure not to store the remote upside down or with any objects pressing on the buttons - this could drain the battery.*

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Remote Control Functions (1 of 2)

Understanding the Buttons on the Remote

The Remote Control provides access to the DVD Player's advanced functions, such as searching, repeating video segments, accessing the Setup Menu, choosing subtitle mode, muting the volume and pausing the action, just to name a few. The remote is also used to put the unit into "standby" mode, and power it on again.

POWER
Press the power button to put player into Standby mode. Press again to power unit on.

TITLE
Used to enter the Title Menu supported on some VCD and DVD discs.

MENU
Press to enter the menu of a DVD or VCD disc. Also used to enable or disable PBC mode for VCDs that support this feature.

ANGLE
View Multi-Angles with discs that support this feature. Press again to cycle through available angles.

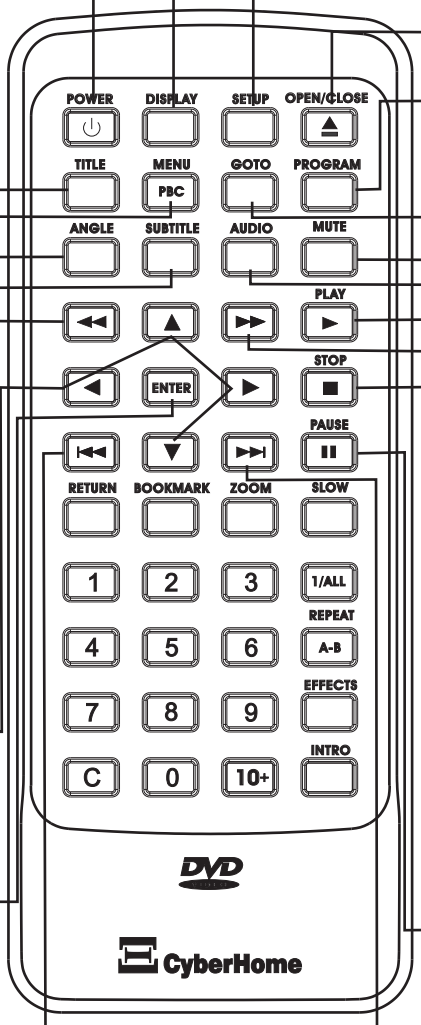
SUBTITLE
Turns on subtitles and cycles through available languages on supported discs.

FAST REVERSE
Press to reverse-play the disc at high speed for searching. Press again to cycle available speeds - 2x, 4x, 8x, 16x, 32x.

LEFT/RIGHT/UP/DOWN ARROWS
Use the arrow keys to select menu items in disc menus, as well as to navigate in the Setup Menu and other modes.

ENTER
Use the enter key to confirm menu choices and execute selected instructions.

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



DISPLAY
Shows elapsed and remaining time for Chapter/Title.

SETUP
Press to enter the DVD Player's On-Screen Setup Menu.

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

PROGRAM
Use to program titles, chapters or tracks to playback in a specific order.

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

MUTE
Press to temporarily turn off audio.

AUDIO
Changes the available Audio track with discs that support multiple languages or soundtracks.

PLAY*
Plays current disc or selected chapter or track.

FAST FORWARD
Press to play the disc at high speed for searching. Press again to cycle available speeds - 2x, 4x, 8x, 16x, 32x.

STOP
Press once to stop current disc play but hold resume location. Press again to completely stop play - required for some Setup functions.

PAUSE
Press to pause audio track play or video on a still frame. Press again to advance to next frame. To return back to normal play press PLAY.

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

(See next page for remaining buttons)

* Shortcut to Power ON player from Standby and Play or Open Disc tray.

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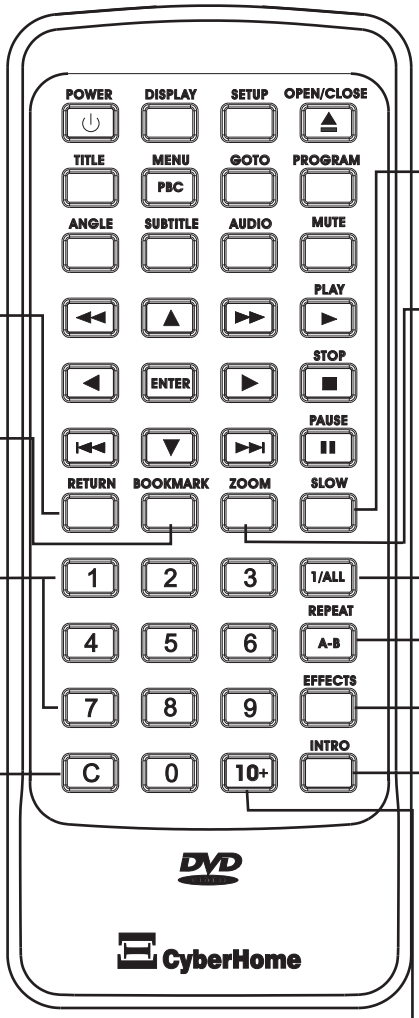
Remote Control Functions (2 of 2)

*See previous page for upper buttons.



RETURN
Press to return to the previous menu accessed. Press again to resume play.

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

NUMBER BUTTONS
Use the number buttons to input numerical values during programing, with GOTO, or to directly select a track or chapter.

C - CANCEL
Use to clear input or cancel programmed titles or chapters.

SLOW
Enables slow play. Press again to cycle through available speeds - 1/2,1/4, 1/8, 1/16.

ZOOM
Press to zoom in or out during playback or on a still frame. Repeat to cycle through zoom levels.

REPEAT 1/ALL
Press to enable repeat mode. Press again to cycle through choices - Repeat Chapter, Title or All.

REPEAT A-B
Press this button to set the start of the segment you wish to repeat. Press again to set the end point of the segment.

EFFECT
Enables Reverb effects for Audio CDs and MP3 Discs, and equalization presets with DVD discs. Press repeatedly to cycle through available effects.

INTRO
Not used for CH-DVD 300

+10
To input a numerical value greater than 10, first press this button to select the 10s digit, then use the number keys to select the 1s digit. For instance, to enter 32, press this button three times, then press 2.

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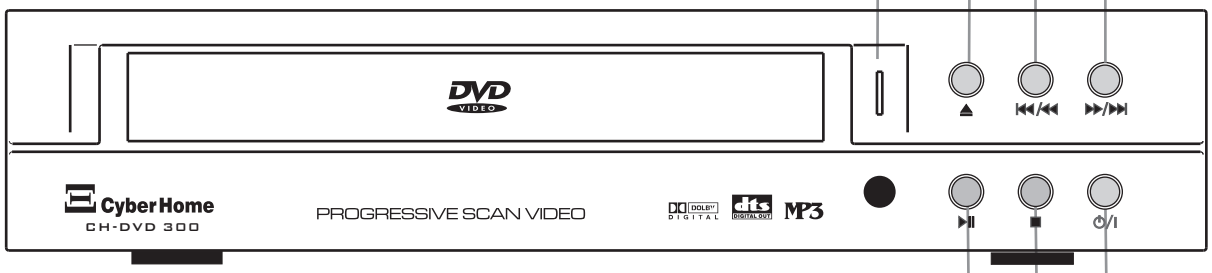
DVD Front Panel Functions

Fast Forward / Next Track
Multi-Speed Fast Forward search during playback and Skips to the next chapter or Track

Fast Reverse / Previous Track
Multi-Speed Fast Reverse search during playback and Skips to the previous Chapter or Track

Status LED
When the unit is turned off by the Remote Control it will enter Standby Mode. This mode is indicated by a glowing RED. The Status LED can indicate when Paused, Reading Disc, Backward/Forward Scan, Bad or Unrecognized Disc, enabled Setup Menu and Playing Disc or ON.

Open / Close*
Push to Open or Close the disc tray.



Play / Pause*
Press to begin Playback. Press again to Pause.

Stop
Press to stop play but hold resume location. Press again to completely stop play and reset playback to beginning of disc.

Standby / On*
The front Button turns the unit On and put the player to Standby Mode. Status LED will be GREEN when player is powered ON.

Quick Tips

- *When the unit is powered off by the Remote Control, it will be in standby mode. The Status LED will be RED.*
- *If the Remote Control is not handy, you can bring the unit out of Standby Mode by pressing the Standby / On button on the front bezel. The Status LED will be GREEN.*
- *If the Status LED is not RED or Green, check the power switch on the back or check your power cord.*

***When player is in STANDBY mode, you press the following buttons to power on the player:**

Standby/On	Turns ON Player and Plays Disc inside of Player
Play/Pause	Turns ON Player and Plays Disc inside of Player
Open/Close	Turns ON Player and Opens Disc Tray

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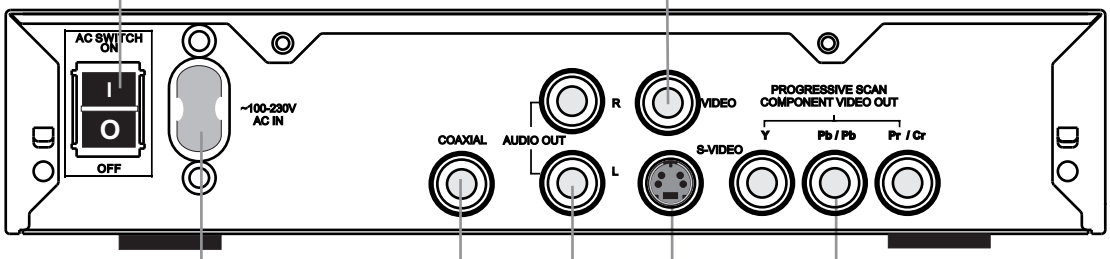
Back Panel Connectors

Connections on the Back Panel

The back panel is where you'll find all the physical connections for the DVD Player. You will only use one Video and one Audio connection at any given time. For instance, if you're using the Composite Video jack to connect to your TV, the S-Video and YUV Progressive Scan / Component connectors will be unused.

Composite Video Connector
Typical connection. Connect Yellow cable to TV Video In.

***AC Power Switch**
Turns the main power OFF/ON. Must be set to ON for unit to operate.



***AC Power Inlet**
Insert the power cord here first. Then, plug other end to AC Outlet (~100-230V).

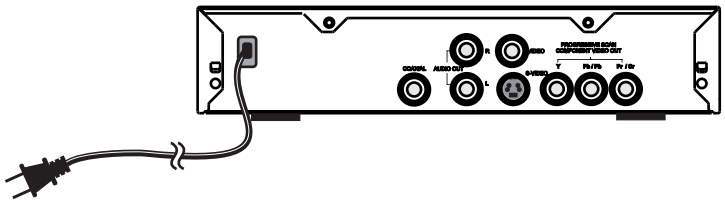
Coaxial Digital Audio Connector
Use special Coaxial Digital Audio Cable to connect to Digital Receiver.

YUV - Component Video / Progressive Scan Connectors
Y, Pr/Cr & Pb/Cb connectors for use with TVs compatible with Component / Progressive Scan Video.

S-Video Connector
Use special S-Video Cable to connect to TV's S-Video In jack.

Stereo Analog Audio Connectors
Use White/Red Audio Cable to connect to Audio In (L/R) of TV or Receiver.

* Some modes of the player may vary without Power Switch and power cord is already attached to the player.



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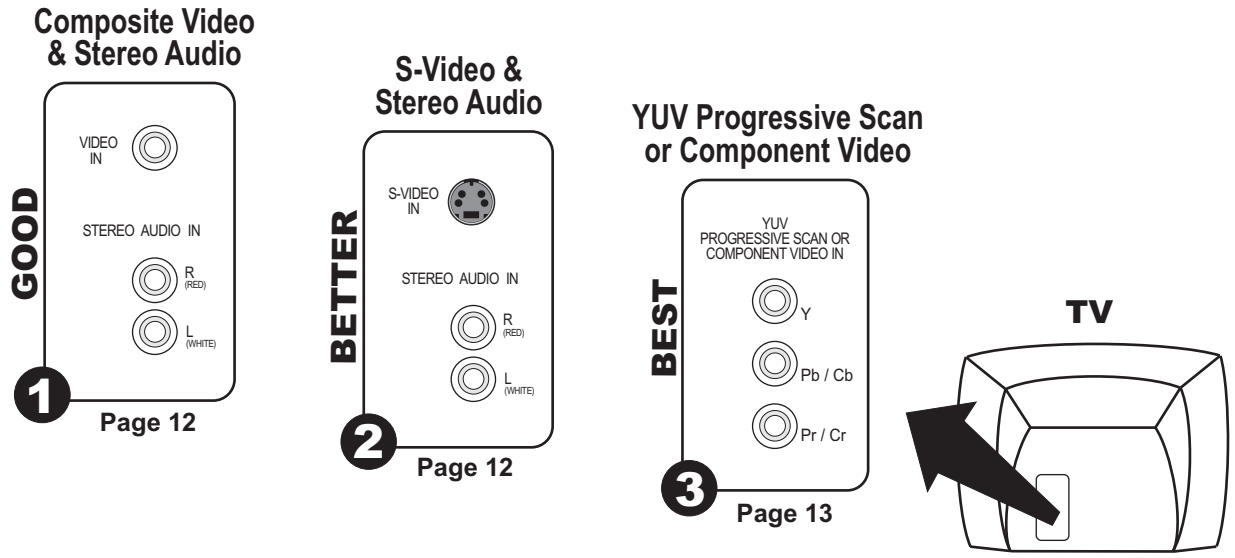
Connecting the DVD Player to your TV / Receiver

Determining the Video & Audio Connections You Will Use

The first step to using your new DVD Player is to make the cable connections that will allow you to see the video and hear the audio on your TV and optional Stereo or Digital Receiver. Your DVD Player has multiple Video and Audio outputs. Generally, you will only use one Video and one Audio output and any one time. The type of outputs you use will be determined by the capabilities of your Television or receiver. It is recommended that you use the highest quality output that your TV or receiver will support.

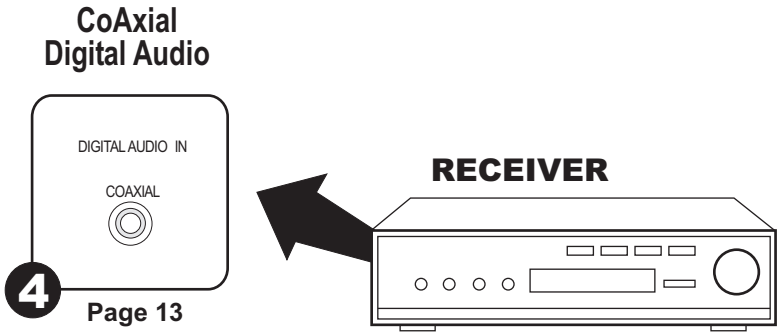
Television Connections (One Required)

In order to use your DVD Player, your TV must support at least one of the Video Input types shown below. To get started, identify the best Video Connection shown below that your TV offers and proceed to that section. If you are using your TV's speakers for audio, rather than a separate receiver or amplifier, you will use the Stereo Audio In, outlined in sections 1 and 2.



Receiver Connection (Optional)

To take advantage of 5.1 Channel Dolby Surround Sound or Digital Theater System (DTS), you'll need a receiver and a Speaker System with five speakers plus a sub-woofer. Your receiver must be equipped with a CoAxial Digital Audio In Jack.



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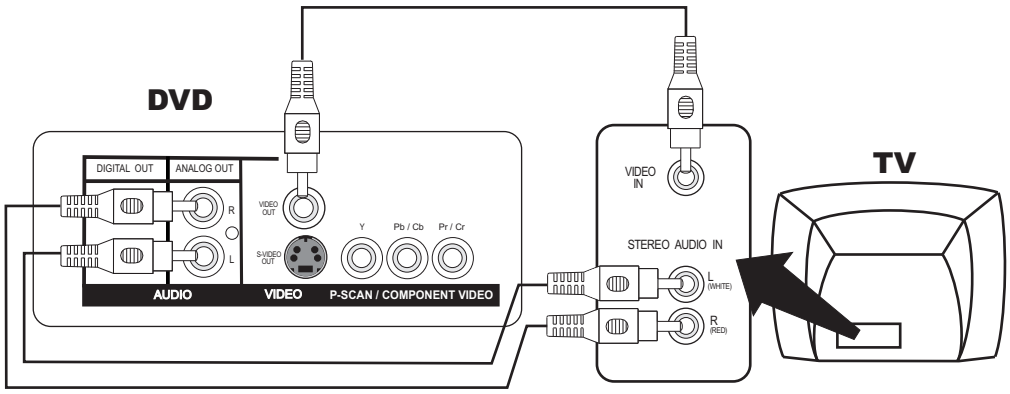
Typical Connection - Composite Video & Stereo Audio

1 Typical Connection - Connecting to a TV with Composite Video In and Stereo Audio In

If your TV has only a single Video Input jack, typically a yellow-colored plug, you will use the Composite Video output of the DVD Player for the Video Connection. We'll also assume your TV has Red and White Stereo Audio In connectors. You will use these for the Audio Connection.

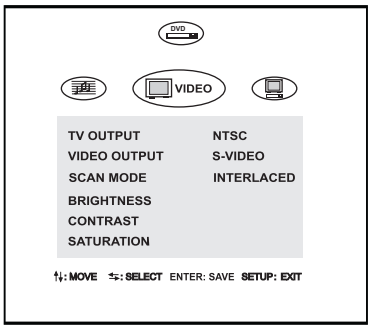
- Use the included Video Cable (Yellow) to connect the Video Out of the DVD Player to the Video In of your TV.
- Connect the Stereo Audio outputs (Red-Red, White-White) of the DVD Player to the matching Inputs of your TV.
- Connect the Power Cord to the DVD Player and AC Power Outlet.
- Turn on the TV and DVD Player (power switch on back & Standby/On) and select the Video Input on your TV. On some models, this may be called "Input 1" or "Aux In". You should now see the DVD Player's splash screen on

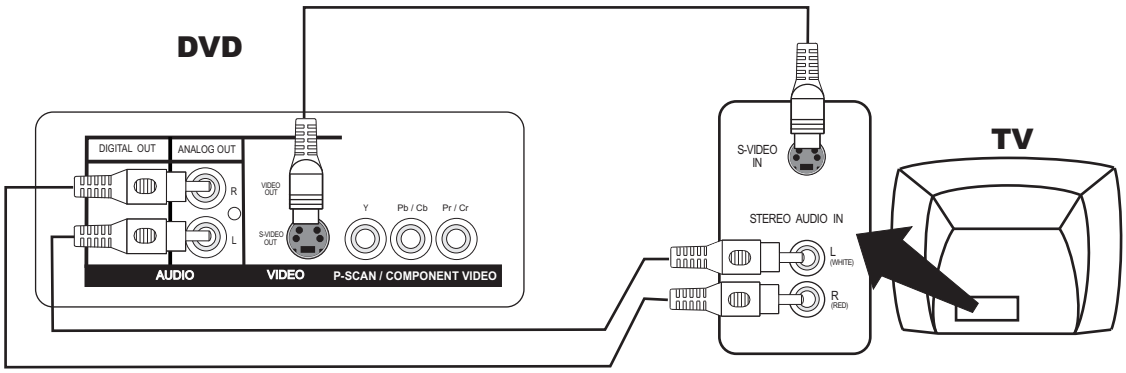


2 Connecting to a TV with S-Video In and Stereo Audio In

If your TV has an S-Video Input, it's recommended that you use this connection. S-Video separates brightness and color signals, resulting in higher video quality than Standard Composite Video. *You must purchase a separate S-Video Cable for this connection (not included).

- In order to activate the S-VIDEO Output, you must first connect the unit using the COMPOSITE Video Output as described in Section 1.
- Enter the SETUP- VIDEO Menu and change the VIDEO OUTPUT setting to S_VIDEO (See Page 28). *For Help on using the SETUP MENU's, see Page 27.
- Now that the S-VIDEO Output is Active, connect the S-Video Out from the DVD Player to the S-Video In of your TV and disconnect the COMPOSITE Cable.
- If you are not using a separate receiver for audio, connect the Stereo Audio outputs (Red - Red, White - White) of the DVD Player to the corresponding Inputs of your TV
- Select the S-Video Input on your TV. On some models, this may be called "Input 2" or "Video 2". You should now see the DVD Player's splash screen on your TV.





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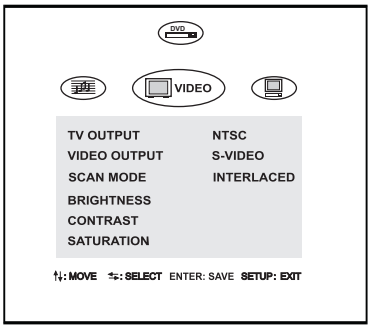
YUV - Progressive Scan and Component Video Connections

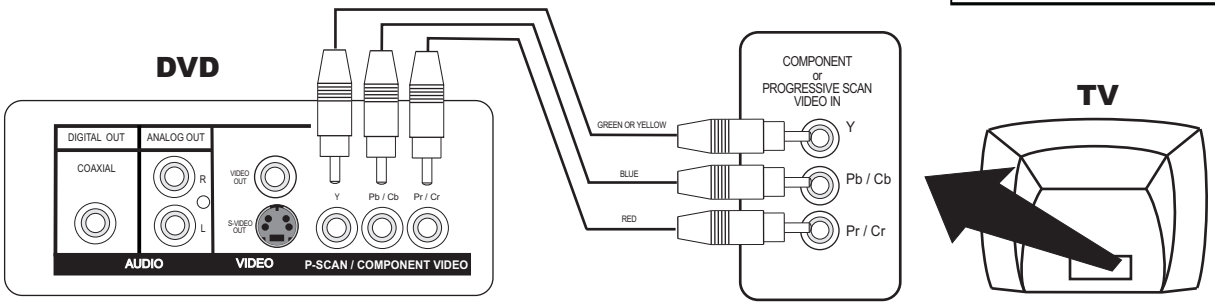
Warning: If you selected Progressive SCAN and your TV does not support P-SCAN, the display may go blank and you will not be able to view the Setup Menu to change back the video settings. If this happens, Turn OFF (Standby) the player, Turn back ON Player, Open Disc Tray and Press and hold the STOP button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

3 Connecting to a TV with YUV - Progressive Scan / Component Video Inputs

In order to enjoy the highest Video Quality available from your DVD Player, you must use a TV equipped with YUV Progressive Scan or Component Video Inputs. If your TV supports YUV Video, it's recommended that you use this connection. Progressive Scan / Component Video separates the Video Signal into three separate "components", resulting in a higher quality picture than S-Video or Standard Composite Video. *You must purchase a set of three (3) Component Video Cables for this connection (not included).
Note : Progressive Scan = Y - Pb - Pr and Component Video = Y - Cb - Cr

- In order to activate the YUV VIDEO Output, you must first connect the unit using the COMPOSITE Video Output as described in Section 1.
- Enter the SETUP- VIDEO Menu and change the VIDEO OUTPUT setting to YCbCr (See Page 28). *For Help on using the SETUP MENU's, see Page 27.
- Select SCAN MODEsettings for Interlanced for Component Video and Progressive for Progressive Scan (note: warning on top of page)
- Now that the COMPONENT Outputs are Active, connect the COMPONENT VIDEO Outputs from the DVD Player to the inputs on your TV and disconnect the COMPOSITE Cable.
- Select the Video Input Channel on your TV that corresponds to the COMPONENT Video Inputs. On some models, this may be called "Input 3" or "Video 3". You should now see the DVD Player's splash screen on your TV.



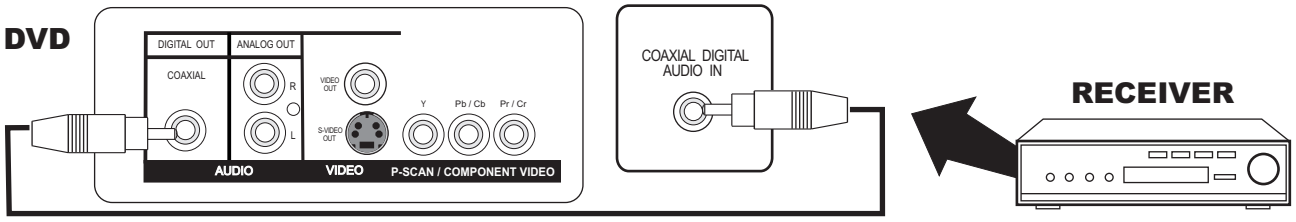


Digital Audio Connection

4 Using the CoAxial Digital Audio Output Connection

Your DVD Player features a Digital Audio Output to provide the ultimate in realism for your Home Theater experience. Use this option to get the most out of discs recorded with Dolby 5.1 Digital Surround Sound or Digital Theater System (DTS) by sending the encoded, or "RAW" digital audio signal to your Receiver for decoding. You must be using a Digital Receiver with 5.1 Channel Decoding and a CoAxial Digital Input to take advantage of this feature.

- You must purchase a separate Coaxial Digital Audio Cable for these connections, as these cables are not included with the DVD Player.
- Connect the Coaxial Digital Audio Out of the DVD Player to the corresponding Input of your Receiver.
- Adjust your Receiver's Input Source Setting to the correspond with the Digital Audio In.



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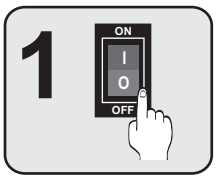
Getting Started - Powering On & Playing a Disc

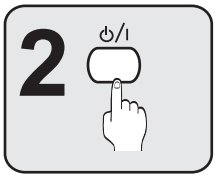
After Video and Audio Cables are Connected and the power cord is plugged in

Once the DVD Player is properly connected to your TV and possibly your receiver also, turn on your TV and make sure it's set to the correct input channel. The video input is usually configured as channel 0 or 1 on most TVs, but may be referred to as "Input 1" or "Aux In" or similar names. These procedures assume you are using a NTSC-compatible TV - standard for North and South America. If you are using a PAL-type, you will need to change the TV Type first. In this case, see **VIDEO SETUP OPTIONS** on page 28.



Power on the DVD Player *

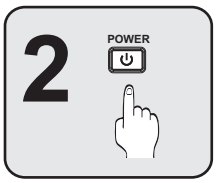
Push the Power Button on the back of the unit firmly to turn on the player. You should see the STATUS LED "ON" on the front bezel of DVD Player.



Powering on with the ⏻/I Front Switch

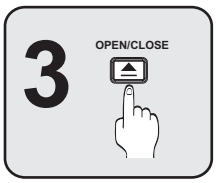
Once the main power switch on the back of the unit is on, the Front power switch can be used to bring the player in and out of STANDBY MODE. Note: the STATUS LED is RED in STANDBY MODE and GREEN when Power ON.

OR



Powering on from the Remote

Once the back power switch is in the ON position, the unit can be turned off and on by the remote. When the unit is turned off by the remote, it will go into STANDBY MODE. This allows the unit to be quickly "awakened" by pressing the POWER key on the remote again.



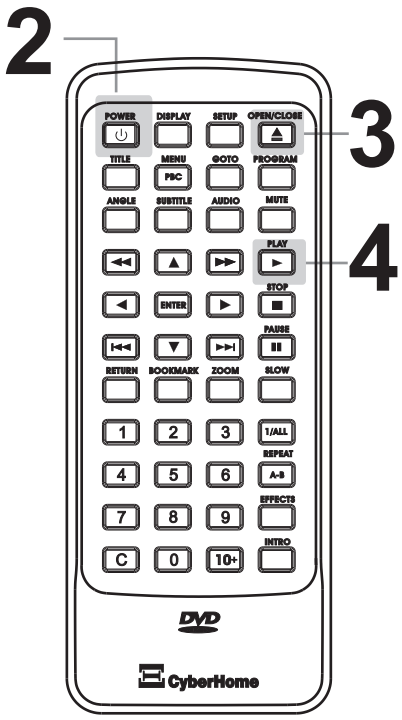
Opening the Disc Tray ⏏

Press the OPEN/CLOSE button on the remote or on the player (to the right of the disc tray) to insert a disc. There are two grooves in the disc tray - 12cm and 8cm. Make sure the disc is properly set into the tray. Small 8cm discs must be positioned exactly in the middle groove. Press the OPEN/CLOSE button again (Remote or Player) to close the disc tray. You will see the "⊙" message READ on the top right TV display. Once the disc is read, you should see the menu screen for DVD discs, hear sound for an Audio CD or a menu should appear. Note: STANDBY LED will blink GREEN when reading the disc. When LED is not blinking the player has recognized the disc loaded.

The Play Button

Most DVDs will automatically display a menu when inserted. However, some discs will require you to press the PLAY button. Also, the PLAY button can usually be used to quickly start a DVD movie when pressed with the menu displayed. This function varies with discs.

Note: We have added shortcuts in powering on the player from STANDBY. Press the Open/Close or Play buttons on the REMOTE or PLAYER to wake up the system and execute the pressed function. These shortcuts will turn ON the player and open the disc tray or begin to play the disc already in the player.



Quick Tips

About Standby Mode

- *Your DVD Player is equipped with a power-saving feature called STANDBY MODE. When you press POWER on the Remote to turn off the unit, it will enter standby mode, indicated by a glowing RED LED on the Status LED right of the disc tray, where it can be quickly awakened by pressing POWER, PLAY or EJECT buttons*

*Some models of the players may vary in specifications. Should your player not have the rear power switch and the power cord is attached to the player, please skip this step.

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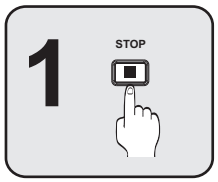
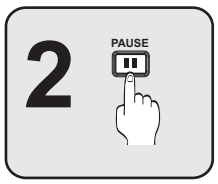
Stopping and Pausing Play



To Stop Disc Play

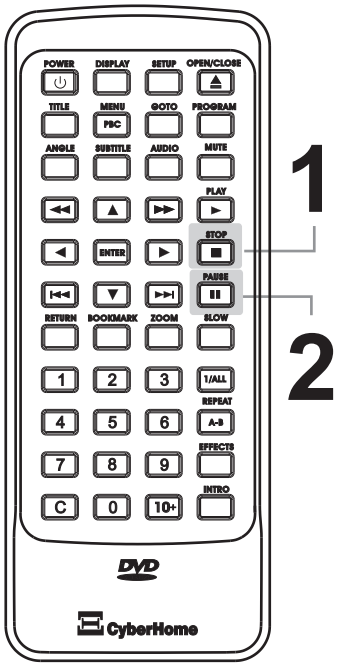
Press the STOP button to stop playback of the disc. With Audio CDs, VCDs and DVDs, after the STOP button is pressed, the message HOLD will be displayed. The stop point is now saved and you can resume playback by pressing PLAY. Press the STOP key again to reset the play position to the beginning of the disc. You must press the STOP button twice to access some functions in the DVD Player Setup Menu.



Pausing and Frame to Frame Stepping Disc Play

With DVDs and VCDs, you can pause playback on a still frame and advance frame to frame stepping with the PAUSE button. Pressing the PAUSE button again will advance to the next frame and remain paused. Pressing PLAY will resume back to normal playback. Sound is muted when the video is paused.

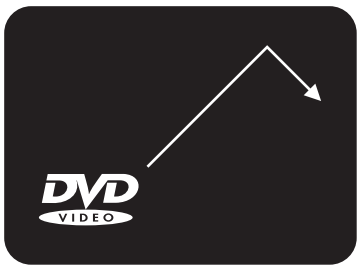
Pressing PAUSE while playing Audio CDs will mute the sound and hold the play position. Press PAUSE again to resume playback.



Quick Tips

Screen Saver

- *When a DVD or Video CD remains paused on a still frame for an extended length of time - approximately 5 minutes - the Screen Saver will be activated.*
- *The Screen Saver guards against damage to your TV screen, or "screen burn" which could result in residual images on the TV's CRT tube.*
- *You can disable the Screen Saver in the DVD Player Setup. See* ***System Setup Options*** *on page 31.*
- *If Screen Saver is enabled, you have an additional option to enable AUTO STANDBY. The player will go into STANDBY mode if the player if the screen saver is been active for approximately 20 minutes.*



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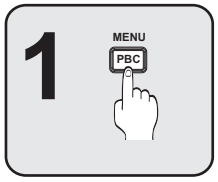
Navigating Disc Menus

Using MENU and TITLE Buttons to Access Menus on DVD and VCD Discs

Most DVDs and some VCD discs feature menus that will allow you to navigate the various Chapters, Special Features and Setup Options available for the disc. Some menus will automatically be displayed when you insert a disc. To access menus at any time, use the MENU and TITLE buttons. If you see the symbol below when attempting to select a Title or Menu, it means that this type of menu is not available on the disc. Title menus, for example are not available on some DVDs.

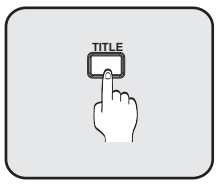
⊘ - Function Not Available



Entering the DVD or VCD Menu

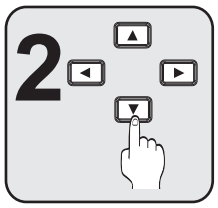
Press the MENU / PBC button to access the DVD menu. If the disc does not have a menu, the symbol described above will be displayed. Used with Video CDs, pressing this button will Enable / Disable the PBC (Play Back Control) menu system. With PBC enabled, the disc menu will be shown. The disc will simply play all tracks in sequence with PBC disabled.

OR



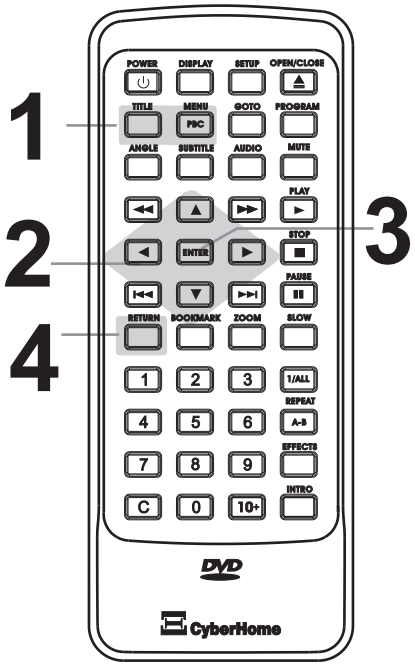
Entering the Title Menu

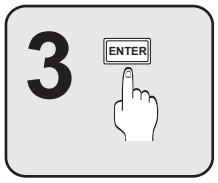
Title menus are available on some DVDs. These menus allow you to select a particular Title or Chapter to play. With some DVD discs, pressing this button will bring up the normal DVD menu. If the “not available” symbol is displayed on screen, this feature is not available on your disc.



Navigate with the ARROW Buttons

Use the ARROW buttons to navigate through the menu - left, right, up, down.





Confirm Menu Choices with ENTER

Press ENTER on the desired menu option to execute that function.

Exit Menu and Resume Play

While using a disc menu, use the RETURN key to resume playback from the point on the disc that the menu was activated. While playing a disc, press RETURN to return to the last menu accessed.

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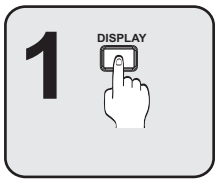
Putting it All Together with the Display Button

Get Quick Access to Playback Information and Important Functions

Use DISPLAY to get information about the playback session, as well as direct command of some of the most important functions already discussed, all grouped together in one Menu for Quick and Easy Access.



Press the DISPLAY Button while a Disc is Playing

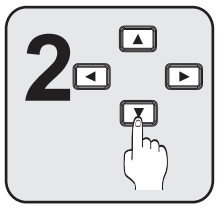
The Display button has 6 different modes. Press the DISPLAY button to toggle the different display information. The Display menu can be accessed any time when displayed on screen.

DVD

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

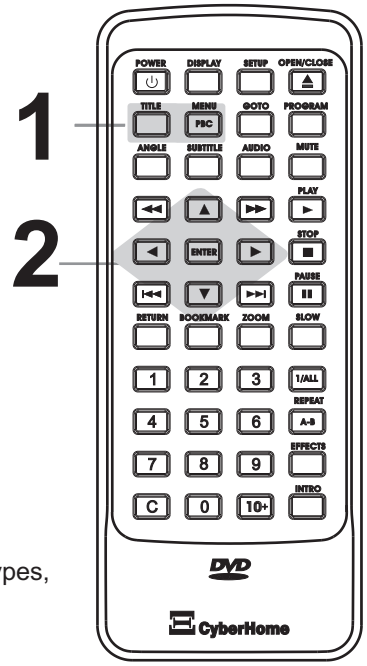
Audio CD

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



Navigate DISPLAY Menu with the ARROW Buttons

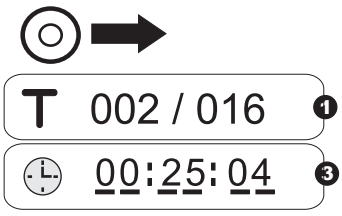
Press the Down ARROW key to move through the menu. When you have selected the item to change, use the appropriate ARROW or NUMBER keys on the remote make your changes (See below sample).



DISPLAY Menu Options with DVD and CD Audio Discs

Following list of functions available in the DISPLAY Menu for the most common disc types, along with the page numbers where they are discussed in-depth.

DISPLAY MENU for DVD and Audio CD



Example: DVD change to Chapter 10

Press DISPLAY and Down Arrow Key once until you have selected "C 005/023" (Note the display indicates there are 23 chapters and you are on 5)

Option #1
Press 1 and 0 key and ENTER

Option #2
Use the LEFT or RIGHT Arrow keys
Change the track player higher or lower

Quick Tips

- *Most functions depend on the type of disc being used.*
- *Functions vary widely among DVD discs. The unavailable symbol will be displayed when you try to use a function that's not available on your disc.*

❶ Jump to Title
❷ Jump to Chapter
❸ Jump to Time
❹ Multi-Angle
❺ Audio Settings
❻ Subtitles
❼ Speaker Status

❶to❺ you can use the LEFT/RIGHT Arrow keys or enter the desired number using the number keys.
❻&❼ can only support the option of LEFT and RIGHT Arrow keys.

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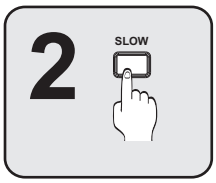
Fast Forward/Reverse & Slow Motion Scanning

Finding a Position on the Disc Using the Search Function

Your DVD Player features a Search function that will allow you to scan through video at fast or slow speeds to find a specific position. The scan functions available will depend on the type of disc you are using. With DVD discs, you may utilize all the available scanning functions, including Fast Forward and Fast Reverse, both at x2, x4, x8, x16 and x32 speeds, as well as Slow Motion Forward and Reverse at 1/2, 1/4, 1/8, 1/16 and 1/32 speeds. VCD and CD Audio discs have limited scan functions. VCDs do not support Slow Motion in Reverse. Audio CDs do not support Slow Motion

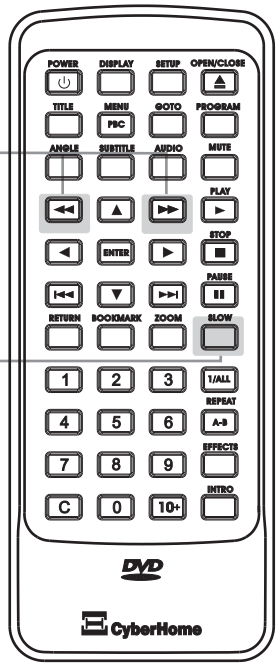
Fast Forward or Reverse Scanning

The Fast Forward (FF) and Fast Reverse (FR) buttons are only functional while the disc is playing. To start searching, press the button for the desired direction. The beginning scan speed is 2x, or twice the normal speed. Press the button repeatedly to cycle through all available scanning speeds. Press the PLAY button to resume normal viewing.



Slow Motion Scanning

With DVDs and Video CDs, you can slow the speed of playback to a mere fraction of the normal speed. VCDs support only forward Slow Motion scanning. While the video is playing, press the SLOW button. The playback speed will slow to ½ normal speed. To cycle through all speeds, and to switch to Reverse Slow Motion, continue to press the SLOW key. Press PLAY to resume normal playback.



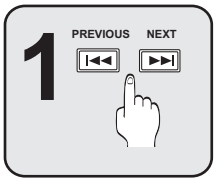
Quick Tips

StandBy LED will on front bezel color will blink to indicate that you have enable of the above functions

Skip Forward and Skip Back

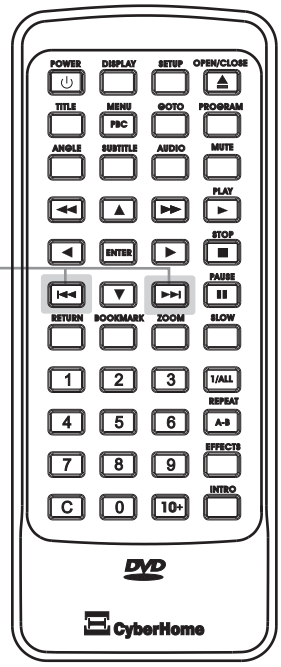
Advancing to the Next Track or Skipping Back Through Tracks

Your DVD Player provides a convenient method for advancing or skipping back through tracks, chapters, songs or other segments on DVD, VCD or Audio CD discs.



The Next and Previous Track Buttons

Use the NEXT ⏭ and PREVIOUS ⏮ buttons to skip through the tracks on DVDs, VCDs and Audio CDs. Pressing the PREVIOUS button will return play position to the beginning of the current track. Pressing PREVIOUS again will return to the beginning of the previous track and so on. Advance through the remaining tracks on the disc by using the NEXT button. When the last track is reached, however, pressing the NEXT will not return to the first track on the disc. This principal also holds in the reverse direction.



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Jumping to a Specific Chapter/Track or Time Position

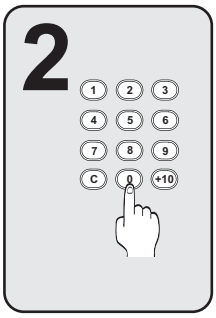
You may Choose a Specific Track or Time Position to Playback

There are many options available to choose the beginning playback point on DVDs, VCDs and Audio CDs. You may use the GOTO button, or enter a Track Number directly using the NUMBER buttons.

Select the GOTO Button

With DVDs, press the GOTO button to select a Time or Title/Chapger on the disc. When a DVD is playing, press GOTO once to enter the time (Hours, Minutes and Seconds) of the position on the disc you wish to begin playback. . Pressing GOTO again will allow you to select the Chapter you wish to jump to.

For VCDs and Audio CDs, pressing GOTO once while play is stopped will allow you to enter a time (out of total disc time) to begin playback. Press GOTO again to select a specific track number. While a VCD or Audio CD is playing, press GOTO multiple times to cycle through the options of entering a Track Time, Total Disc Time, or Track Number to begin playback.

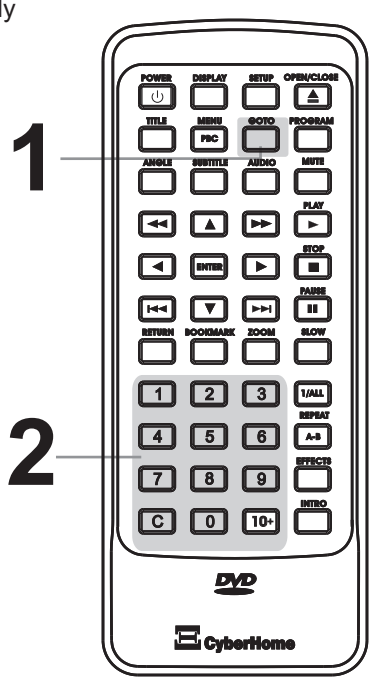


Enter Values with Number, C and +10 Buttons

Use the Number buttons, along with the C (Clear) to enter numerical values representing Track or Chapter Number or Time Position. If you wish to clear an entry, press the C button repeatedly to backspace through the digits you want to delete.

GOTO Example: 0 hours / 27 minutes / 5 seconds
Press GOTO, 0 , 0 , 2 , 7 , 0 , 5 , ENTER

0 0 : 2 7 : 0 5



Quick Tips

Skipping the GOTO Button

- *If you do not wish to use the time functions available with the GOTO key, you can simply press a number button corresponding to the Title, Chapter or Track you wish to go to. The available options are determined by the type of disc and whether or not the disc is in playback mode.*
- *With DVD discs, pressing a number button in Stop mode will allow you to choose the Title and Chapter you wish to navigate to. In Play mode, you will have the option of entering the Track Number of the current title you want to play.*
- *With VCD and Audio CDs, enter the number of the track you want to play in stop mode or play mode to directly jump to that position.*
- *VCDs may require the PBC function to be disabled before directly selecting tracks with the number buttons.*
- *The GOTO function will not work if the Display Menu is enabled since the Display Menu has the GOTO functions*

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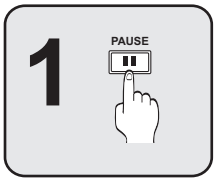
Saving Locations for Quick Play with Bookmarks

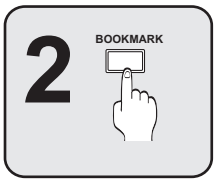
Mark a Point on the Disc to Come Back to Later with the BOOKMARK Button

While you're watching a DVD or listening to an Audio CD, you can easily "mark" a point on the disc that you would like quick access to later on. For instance, if you see a particularly interesting scene and would like to watch it again when the DVD is over, add a Bookmark. You can add up to 5 bookmarks and browse through them after watching the movie! You can also use bookmarks with VCDs and Audio Cds.



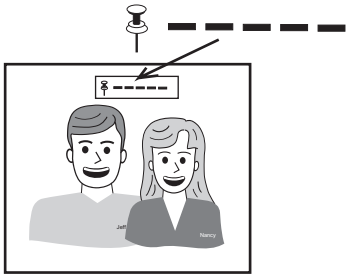
Pause Disc Playback

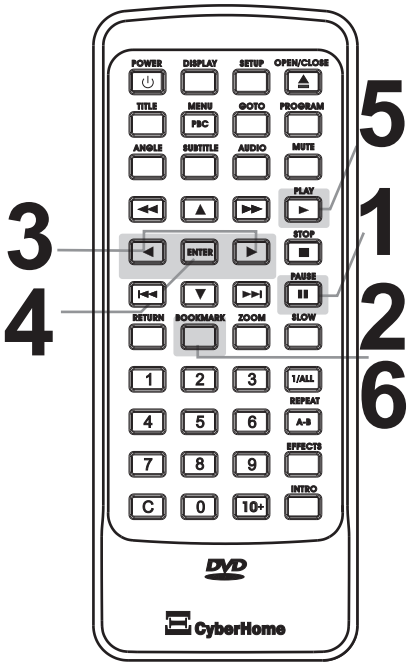
You'll probably want to Pause playback at the point where you wish to add a Bookmark before accessing the Bookmark Menu, although this is not required. You may also want to use the Fast Reverse Scanning feature to backup to the point that you would like to Bookmark. For more on this function see **Fast Forward / Reverse and Slow Motion Scanning**.



Press the Bookmark Button

Press the Bookmark button to bring up the Bookmark Menu Screen:



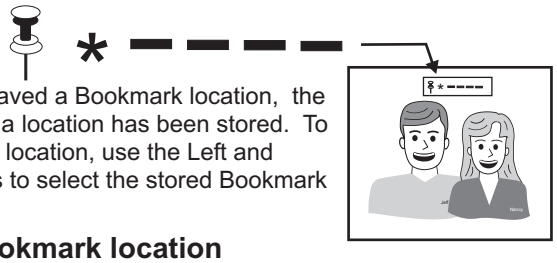


Select the Location to Store the Bookmark

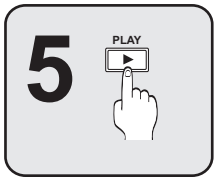
Use the ARROW buttons to navigate through the available Bookmark locations (1-5) to the one that you would like to save the current disc play position to. In the example here, all locations are open, so we'll choose the first one.

Press ENTER to Save the Bookmark Location

Now the play position is saved as a Bookmark. Notice that the Track and Time information are stored for the Bookmark in position one:

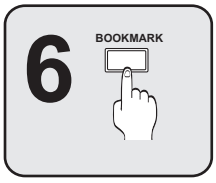


After you have saved a Bookmark location, the "*" will indicate a location has been stored. To select the stored location, use the Left and Right Arrow keys to select the stored Bookmark and press enter.



Playing a Bookmark location

To play from the bookmark stored, use arrow keys to select programed Bookmark and press PLAY.



Press BOOKMARK to Exit the Bookmark Menu

Now, you can resume playback and return to the Bookmarks you've saved at any time using the BOOKMARK button.

Quick Tips

- *To clear Bookmarks from the menu, navigate to the position you want to delete and press C.*
- *Bookmarks are only active while a particular disc is loaded. Once power is turned off or the disc is ejected, the stored Bookmarks will be lost.*
- *You can store up to 5 Bookmarks.*

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Repeating a Title, Chapter/Track or Disc

Repeat a Single Track on an Audio CD or an Entire DVD Disc

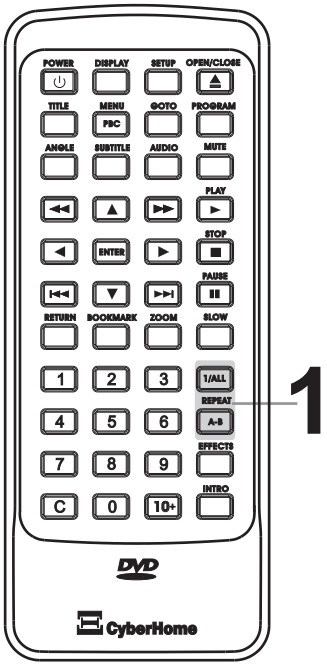
Your player has many options for repeating segments of DVDs, VCDs, and Audio CDs. This section covers how to repeat segments already defined on the disc, such as a Chapter or Track. The next section deals with creating your own segments to repeat.

Using the REPEAT - 1/ALL Button

While you're viewing a video disc or listening to an Audio CD, press the REPEAT - 1/ALL button repeatedly to cycle through the available repeat options. The status of the repeat option will be displayed in the upper right-hand corner of the screen.

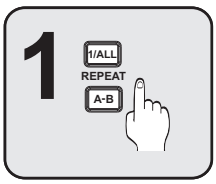
With DVDs, press the REPEAT - 1/ALL button once to repeat the Current Title, twice to repeat the Current Chapter, and three times to repeat the Entire DVD. With Audio CDs, you'll have the additional option for Random play.

To Cancel Repeat Play, simply press the REPEAT - 1A/ALL button until the Screen until Normal Play is shown.



Repeating a Specific Time Segment

If you would like to repeat only a segment of an Audio Track, VCD Movie or DVD Title, simply mark the beginning and endpoints of the segment with the REPEAT A-B button.



Using the REPEAT A-B Button

While viewing or listening to a disc, when you get to the point that you would like to mark as the Beginning of your repeating segment, press the REPEAT A-B button. You will see this symbol: A letting you know that the start point of your repeat segment has been marked. Next, you will enter the endpoint of the segment you want to repeat.

When you reach the ending for your segment, press REPEAT A-B a second time. Now, the symbol A B will be displayed, letting you know that the player is in A-B Repeat mode, and will continuously play the segment you defined until you cancel repeat mode.

To Cancel A-B Repeat Play, simply press the REPEAT A-B button again. The repeat status icon disappears from the screen, and play continues as normal.

Quick Tips

- *When using A-B Repeat with an Audio CD, your segment must be no longer than a single track.*
- *When using A-B Repeat with DVDs, your segment must be no longer than a single Title.*

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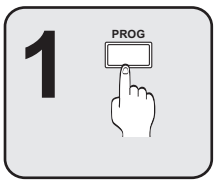
Playing Tracks in a Particular Order with Program Play

Create Custom Playback Programs of up to 90 Steps

If you would like to program the Chapters or Tracks on your disc to play in an order you specify, create a custom playback program with the PROGRAM button.



Select the PROGRAM Button

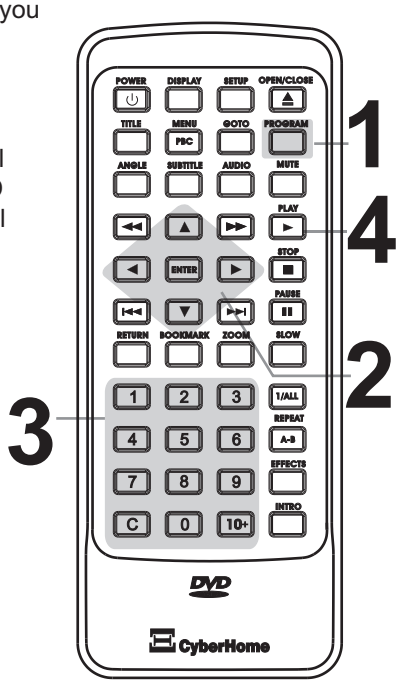
You will see the Program Menu on the screen. There are 30 locations for adding Track Numbers on each page, with a total of 3 pages. Shown here is the menu you will see when a VCD or Audio CD is inserted. The Program Menu for DVD discs will have an additional option for Title Number.

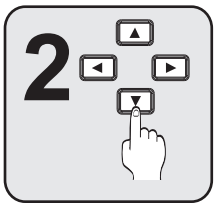
PROGRAM

TITLE 00 CHAPT SEL 1-16

	TITLE	CHAPT		TITLE	CHAPT
1	_ _	_ _	6	_ _	_ _
2	_ _	_ _	7	_ _	_ _
3	_ _	_ _	8	_ _	_ _
4	_ _	_ _	9	_ _	_ _
5	_ _	_ _	10	_ _	_ _

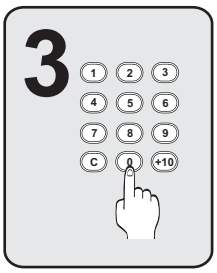
Play:PRG Play ENTER: SELECT PRG:EXIT





Navigate with the ARROW Buttons

Use the ARROW buttons to navigate through the programed locations (1-30) or display NEXT page.



Using the Number, C and +10 Buttons

Use the Number buttons, along with the C (Clear) and +10 keys, to enter the Track & Chapter you want to play in each position. If you wish to clear an entry, press the C button repeatedly to backspace through the digits you want to delete.

To enter a number greater than 10, press the +10 button once for each 10s value of the number. For instance, if you wish to enter “32”, press the +10 button three times, then press “2”. The +10 key will not function when there are fewer than 10 tracks to choose from.

Navigate to PLAY the Programed Title / Chapters

After you’ve entered your track numbers in the locations and you want to play them, use the ARROW buttons to navigate to the starting Title / Chapter and Press PLAY to start the programmed Title chapters. In this example, track 5 will play first, track 12 second, and so on.

PROGRAM

TITLE 00 CHAPT SEL 1-16

	TITLE	CHAPT		TITLE	CHAPT
1	05	01	6	_ _	_ _
2	12	03	7	_ _	_ _
3	03	01	8	_ _	_ _
4	_ _	_ _	9	_ _	_ _
5	_ _	_ _	10	_ _	_ _

Play:PRG Play ENTER: SELECT PRG:EXIT

Quick Tips

- *To Exit Program Play, press STOP, 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.*

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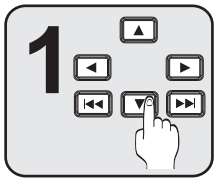
Playing MP3 and JPG Files (1of 2)

Your DVD Player is also a Feature-Packed Mp3/JPG Player!

When you insert an MP3/JPG disc, the player will launch the Navigator menu on-screen program that lets you easily select files to be played / shown stored on CD-R or CD-RW discs. On the bottom of the file list, you have two options for displayed type files (JPEG, Mp3, JPEG & Mp3 or All files) and several options for repeat Playback modes for Mp3 files.



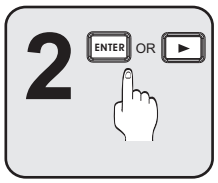
Navigate to a File or Folder

Use the UP& DOWN arrow keys to select the file to play or view another directory. To quickly stroll the file directory, use ⏮ and ⏭ keys. If you wish to navigate to different folders while playing Mp3, you must press STOP first.

◄ ► Used to toggle between files directory to DISPLAY and PLAYMODE Menu.

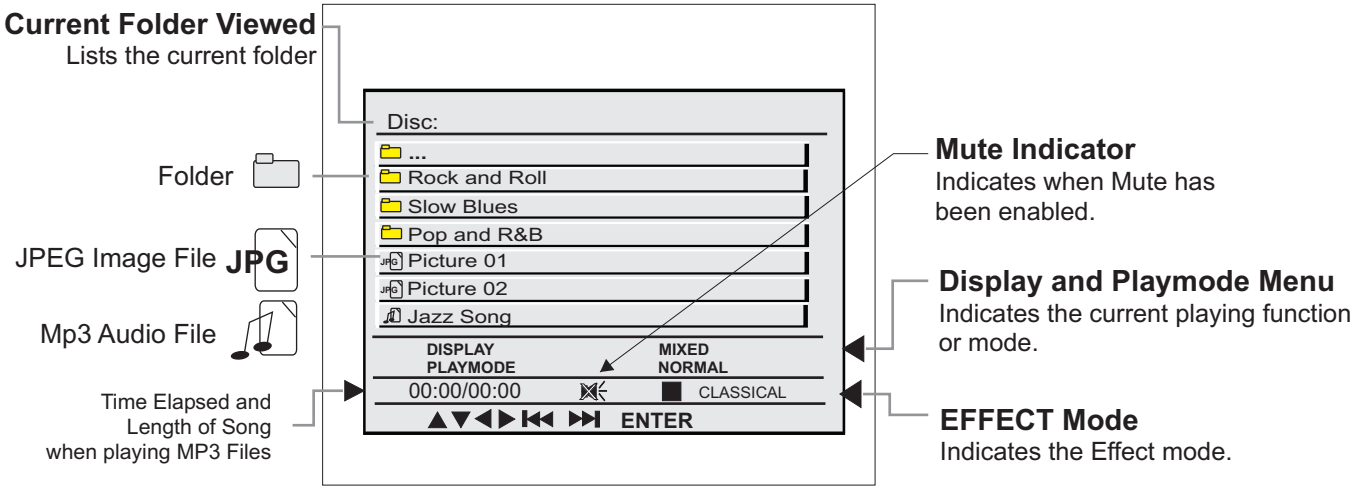
⏮ ⏭ Page UP or Down of the Displayed Directory.

▲ ▼ Move cursor UP or DOWN in the menu.



Press ENTER or PLAY to select

Press ENTER after you have selected a file/directory you wish to view or play by using the UP and DOWN arrow keys. For MP3's (Playmode Normal), the player will continue to play the next files until it reaches the last file of the directory. The PLAY button for JPEG will begin slide show from the highlighted.



Select the Display and Playmode with Navigator Menu

Use the Left or Right arrow keys to toggle from the File menu to the Display Menu. To change the setting of the highlighted menu, use the Enter key. Using the Up or Down arrow keys will allow you to switch from Playmode and Display Menus.

Display Menu is used to sort the type of files to be displayed on the navigator. The options in setting the displayed files are Mixed, JPEG & MP3, JPEG Only and MP3 Only.

Play mode is used to play the directory listed in Random, Shuffle, Repeat Director and Repeat Once (MP3-ONLY). Shuffle will play the directory once in a random order. For Random the player will continue until play files in random order until the player is stopped.

Effect Modes

When playing MP3, you can enable the different sound effects. To change the Effect Mode, use the EFFECTS Key on the remote. See page 26 for more additional information.

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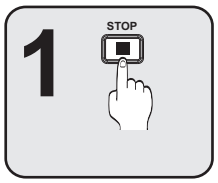
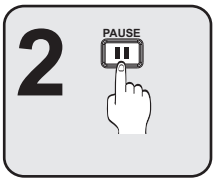
Playing MP3 and JPG Files (2 of 2)

Viewing JPG files PAUSE, ROTATE, STOP and ZOOM Functions

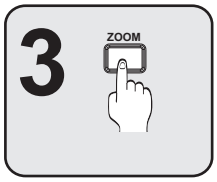
While view JPEG files during slide show, you may choice to Pause the slide show to have a longer or better view of the image file. We have also implemented the ZOOM feature for you to view the image file more detailed.



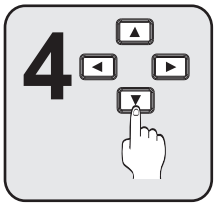
STOP - The JPG image shown (slide show or single file) will be closed and you will be returned back to the file navigator menu.



PAUSE - Will pause the JPG Slide Show allowing you to ZOOM the file shown. To resume JPE Slide Show, press PAUSE key on the remote.

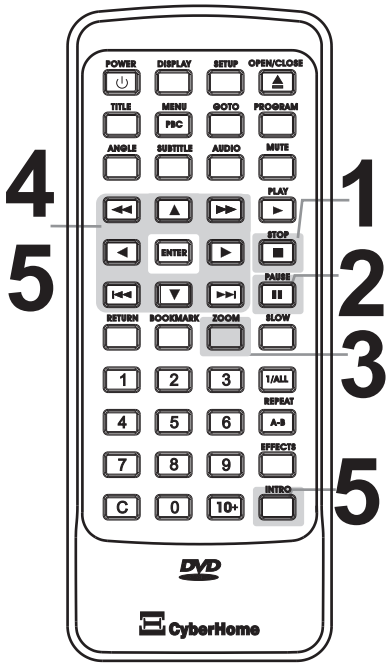


ZOOM - If in JPG slide show, pressing PAUSE to stop the JPG Slide show, your can press ZOOM to zoom 2X or 4X on the image shown. To move around the zoomed image you can use to use Cursor keys.



ROTATE VIEW - If you want to rotate a the JPG slide shown, use the arrow keys to determine the preferred angle of view.

Example: The left will put the original left edge on the bottom of the screen.



Playing MP3 Files

After you have selected the MP3 file to play, the player will continue to play the remaining files of the directory. The function of the MP3 is just like the playing any audio CD.

Fast Forward / Rewind - Press these keys you can select speeds from 2X - 32X. Press PLAY to resume the music play. When you get to the end of a file, the player will return back to normal speed.

Skip Next / Previous - Press these keys move to the previous or next track.

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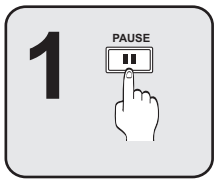
Using the Zoom Function

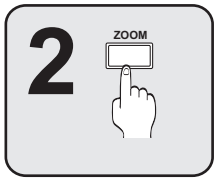
You can Zoom In or Out during Playback or on a Still Frame

Want to take a closer look at something you see in a DVD or VCD movie? Use the Zoom function. The Zoom function lets you enlarge the Video Image 2X or 4X the original size.. Zoom works on a still frame, as well as during Video Play.



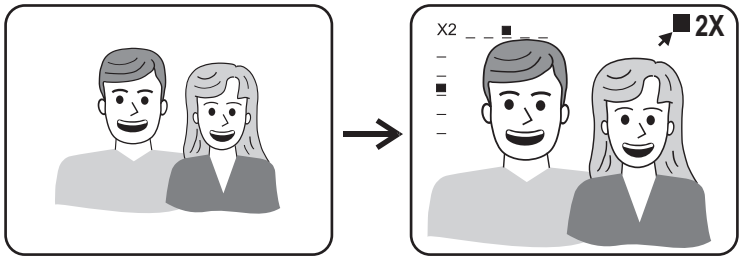
Pause Disc Playback (Optional)

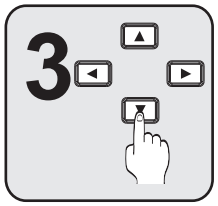
Zoom is most effective if you Pause the video on a single frame to examine. However, Zoom will work while playing a movie as well. If you wish to Pause the action, press the PAUSE button.



Select the ZOOM Button

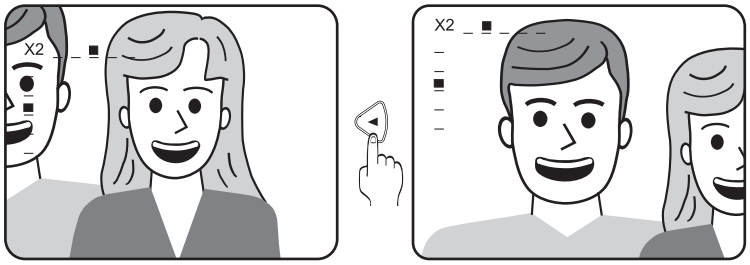
Press the ZOOM button repeatedly to select the Zoom Level you want. The Zoom Level is shown on the screen next to the Zoom Icon as shown:

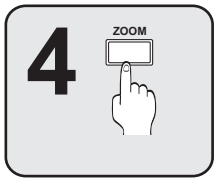




Navigate with the ARROW Buttons

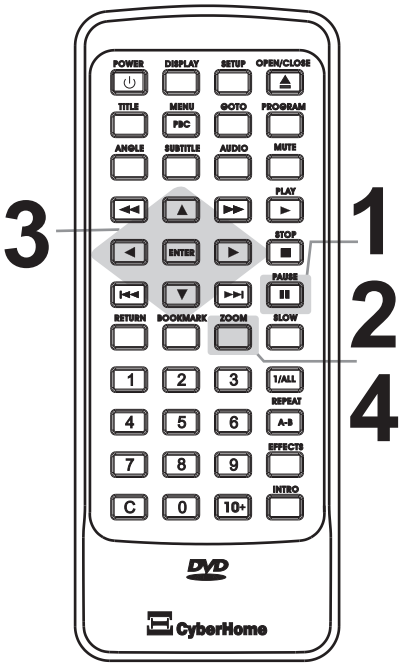
Use the ARROW buttons to move to the parts of the screen you would like to see closer. Pressing the LEFT ARROW button will move the focus of the Zoom to the left, and so on.





Return to Normal Viewing

Press the ZOOM button repeatedly until the Zoom Icon is no longer on the screen to return to normal playback mode.



Quick Tips

- *Picture quality of the Zoomed Image will depend on the quality of Video and Television*
- *Zoom will work also with JPG Files.*

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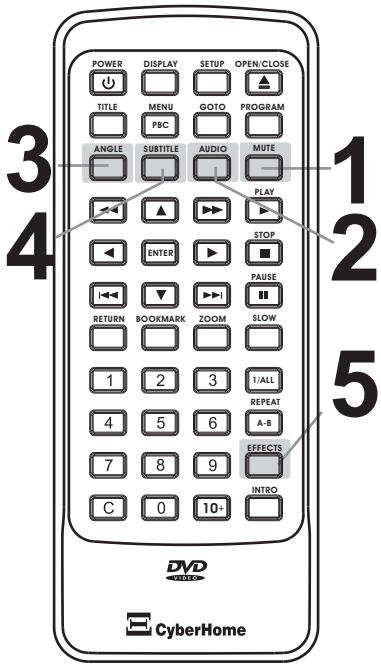
More Audio & Video Functions

Suspending Audio with the MUTE Button

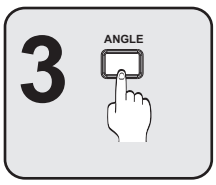
To temporarily cancel the Audio of the disc you're listening to or watching, simply press the MUTE button. You'll see an indicator on screen letting you know that the player is in MUTE mode. Press MUTE again to resume normal playback with Audio.

= MUTE = MUTE OFF



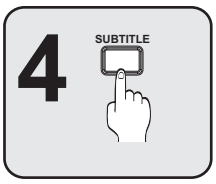
Changing Audio Settings - AUDIO Button

You can switch between the various Audio modes available on DVD discs with the AUDIO button. Used with DVDs, AUDIO cycles between the modes offered on the disc, including DTS, Dolby Digital 5.1 and Stereo Audio. Other media type of disc may offer fewer audio options, including Mono Left/Right, Mix Mono and Stereo.



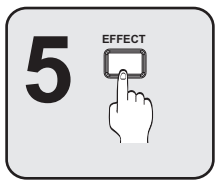
Multi-Angle Support - ANGLE BUTTON

Some DVDs are recorded with a feature called "Multi-Angle View". If you are viewing a DVD that includes this feature, press the ANGLE button to switch between available Angles for a given scene. Press ANGLE until normal view returns to exit.



SUBTITLE - Explore Subtitle Languages

Use the SUBTITLE button with DVDs recorded with Subtitle tracks. This key will allow you to switch between the available languages on the disc. To turn off Subtitles, press SUBTITLE until OFF appears on screen.



EFFECT BUTTON

Use the EFFECT button to access a wide variety of Equalization or Reverberation effects.

Toggle the EFFECTS key to change the sound effect.

1)Classic 2)Rock 3)Pop 4)Jazz 5)Return back to Normal

Quick Tips

- *Most functions depend on the type of disc.*
- *Functions vary widely among DVD discs. The unavailable symbol will be displayed when you try to use a function that's not available on your disc.*

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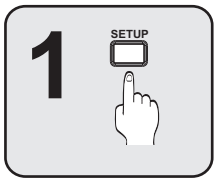
Using the On-Screen Setup Menu

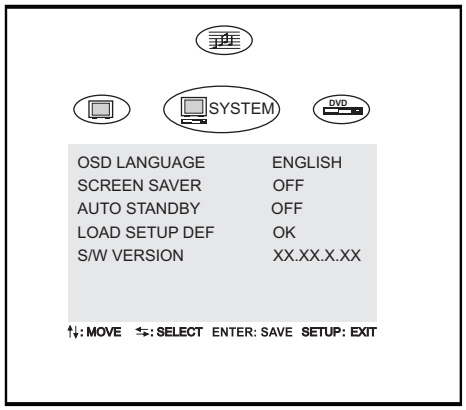
Adjusting Video and Audio Settings in the DVD Player Setup

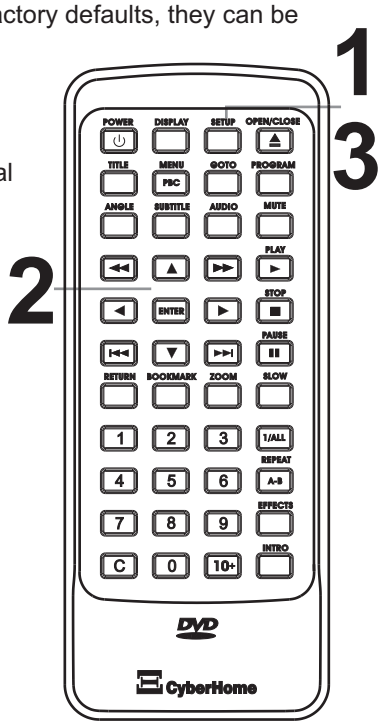
Your DVD Player features an on-screen Setup Menu that allows you to adjust settings for your Video and Audio preferences, and enable player features like Parental Lock. When you change settings in the Setup Menu, they are stored even when power is turned off. If you wish to return to the factory defaults, they can be easily reset in LANGUAGE SET OPTIONS.



Press the SETUP Button

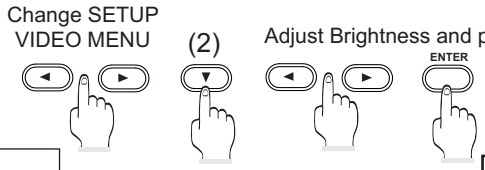
Press SETUP to enter the on-screen Setup Menu. The initial screen contains the following categories:

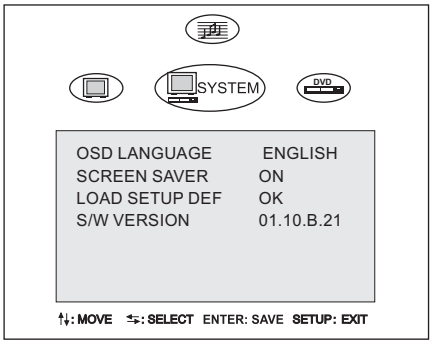




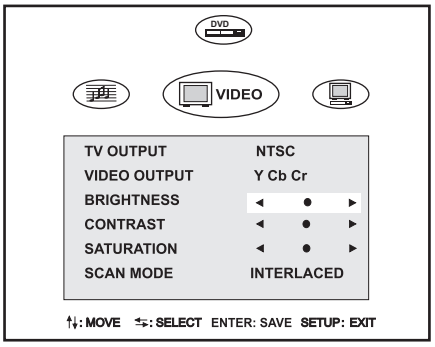
Moving Around the Menu with the ARROW Keys

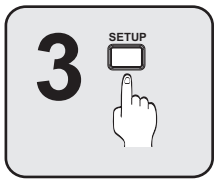
Use the Left / Right ARROW buttons to switch menu screens. In this example, press SETUP and then the arrow key to change from SYSTEM to VIDEO Menus, then press RIGHT Arrow key to enter that Menu. Then we'll hit the DOWN key twice to select BRIGHTNESS. Pressing the LEFT or RIGHT key allows us to adjust the BRIGHTNESS of the display.





If you want to change to another settings, use the UP/DOWN arrow key to move to options shown. To select different Setup Menu, you must the press the UP arrow keys until the cursor is highlighting the Setup Menu shown. Then press the Left and Right arrow keys to select other Setup Menus.





Press SETUP to Exit the On-Screen Setup Menu

You can exit the Setup menu at any time by simply pressing the SETUP key.

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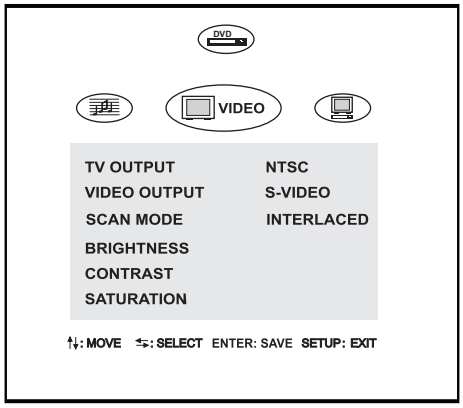
Video Setup Options

Adjusting Video Settings in the Video Setup Page

The Video Setup Page contains settings that will be determined by the type of TV you're using, along with settings based on your personal preferences. You can adjust the player to function with NTSC or PAL television types, as well as normal and wide screen models. Also, display properties such as Sharpness, Brightness and Saturation may be adjusted with this menu.



TV TYPE - PAL / AUTO / NTSC

Your DVD Player will work with TVs based on the NTSC and PAL standards, as well as TV 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.

Quick Tips

Use Caution when Changing the TV Type

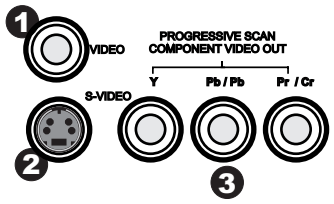
Choosing the wrong TV Type may cause the screen to flicker and become unreadable. So, change this setting with caution. If you have changed the TV Type to the wrong setting, you may need to program the correct setting without being able to read the display. In this case, take the disc out of the player and turn the power off. After a few seconds, turn the power on and input one of the following code sequences to change the TV Type:

To Reset Player to Factory Settings:

Warning: If you selected Progressive SCAN 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.

VIDEO OUTPUT - YUV (Progressive Scan or Component) Video /S-VIDEO

Choose the setting that corresponds to the Video Output Connector you are using:



1. **COMPOSITE VIDEO OUT:** This is the typical connection type supported on most TVs. This connection does not require a change to the VIDEO OUTPUT setting.
2. **S-VIDEO OUT:** You must first connect the unit using the COMPOSITE VIDEO connector and cable in order to enter SETUP and change this setting to S_VIDEO, activating the S-VIDEO Output. Next, connect the unit using the S-VIDEO cable and unplug the COMPOSITE video cable. Switch the TV's Video Input setting to S-VIDEO.
3. **PROGRESSIVE SCAN or COMPONENT VIDEO OUT:** You must first connect the unit using the COMPOSITE VIDEO connector and cable in order to enter SETUP-VIDEO MENU and change VIDEO OUTPUT to YCbCr. This setting is to enable YUV output (Progressive Scan & Component). Next select SCAN MODE for Interlaced (Component) or Progressive Scan. Next, connect the three YUV cables from player to the tv. Note the connector colors should be the same (Red to Red).Unplug the COMPOSITE video cable. Adjust the TV's Video Input setting to correspond to the YUV (Progressive Scan /COMPONENT) Input.

SCAN MODE: Progressive Scan or Interlaced

Now that you are using the YUV Outputs, you can change the settings to Progressive / Interlaced Scan mode. Do not change these settings if you are not SURE your TV supports Progressive Scan.

From the VIDEO Menu, press the DOWN arrow key until you have selected SCAN MODE. Use Right arrow key select Interlaced (Component) or Progressive. Then press the ENTER to confirm setting changes. Exit the setup menu by pressing the SETUP button or arrow keys to make additional changes to other setup settings.

SHARPNESS, BRIGHTNESS & SATURATION

The Saturation, Brightness and Contrast can be selected by using UP/DOWN arrow keys and then LEFT/RIGHT arrow keys to adjust settings.

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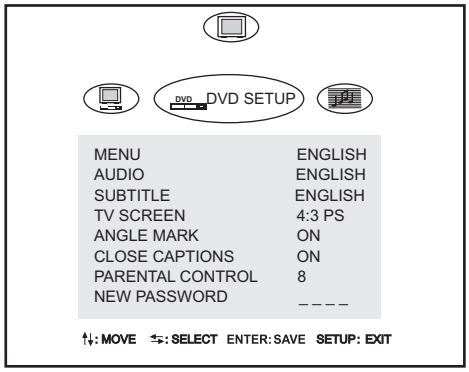
DVD - SETUP Menu

Exploring the DVD Setup Menu

The DVD Setup Menu contains many important options for your DVD player. Along with options for basic viewing features such as Subtitle language preference, this menu is where you can set a password to control the Parental Lock function, which lets you limit the play of discs beyond a rating you specify. The General Setup page also contains the DEFAULT option, which you can use to reset all player options, except the Parental Control, to default factory values



MENU, AUDIO, SUBTITLE - ENGLISH/FRENCH/ETC.

You can set the player to use a preferred language for DVD Audio Tracks, Subtitles and Menus. Of course, these settings will only take effect for DVD discs that support the language you have chosen. If the DVD discs do not support your preferred language, the default for the disc will be used instead.

TV DISPLAY - (NORMAL /PS4:3)/(NORMAL/LB4:3)/WIDESCREEN16:9

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 WIDESCREEN16:9 to match the aspect ratio of your TV. When used with a normal TV (4:3 aspect ratio), the NORMAL/PS4:3 setting results in the typical “Pan & Scan” display, where a movie is clipped on the sides to fit into the TV screen. The NORMAL/LB4:3 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.

ANGLE MARK - ON/OFF

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.

CLOSE-CAPTIONS - ON / OFF

Not all discs support Close Captions. However, setting CLOSE-CAPTIONS 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 CONTROL LEVELS 1-8

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. Discs not supporting this feature will be “immune” to Lock-Out.

When you attempt to change the Parental Control setting, you are prompted for a password. This of course makes sense, as this option would be useless if your kids could enter the Setup Menu and disable it! If there is no user password set, you’ll be prompted to enter a new password. Choose a 4-Digit numeric password and write it down in case you forget it. Key in the password and press ENTER.

After the password is set, press ENTER on the CHILD option. You can choose from 8 levels of Parental Control, corresponding to the standard rating system in the USA. The available levels and their equivalent ratings are listed to the right:

PASSWORD - CHANGE

Here is where you can set an additional password to the default factory password. The procedures to change an existing password or enter a new password are the same - you must enter the OLD PASSWORD, then key in your new password twice to confirm. If you are entering a new password, or replacing a password you have forgotten, use the factory default password of 3351 as the OLD PASSWORD. If you are changing a previously entered password, you may enter that value as the old password.

Quick Tips

- *Remember to keep in mind that the key to the the factory default password of 3351*
- *Once the factory password has been changed, you should keep the password written in a safe location as a reminder if needed.*

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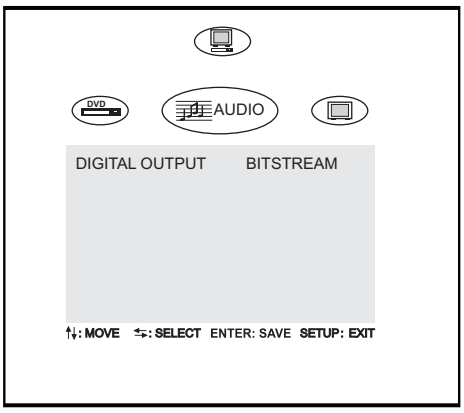
Audio Setup Options

Adjusting Audio Settings in the Audio Setup Page

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 Television 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/Philips 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 Outputs, leave set to OFF. If you wish to use the Coaxial Digital Output, change this setting to BITSTREAM or LPCM. 48K Generally, the BITSTREAM setting is used with receivers capable of Dolby Digital 5.1 or DTS 5.1 channel decoding, while the LPCM 48K setting is reserved for two channel

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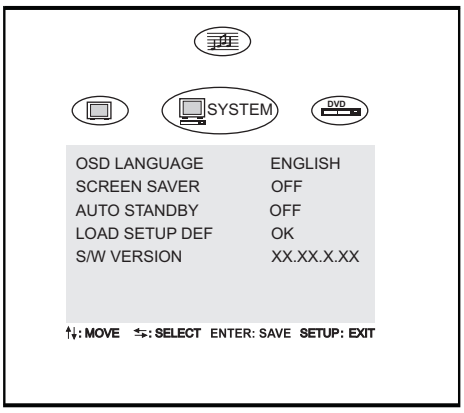
System Setup Options

OSD LANG - ENGLISH/FRENCH/GERMAN/ETC.
With this setting you can change the language of the On-Screen Display menus. This will make it easier to change other options with the Setup Menu.

SCREEN SAVER - ON/OFF
The Screen Saver protects your TV's cathode-ray tube from "screen burn" that could result from a static image being displayed for a prolonged period. The Screen Saver will automatically start within a few minutes of video inactivity. To disable this function, set this option to OFF.



AUTO STANDBY
If Screen Saver is On, you have the option to enable the Auto Standby. If the Screen saver has been enabled for over approximately 25 minutes, the player will go into Standby mode.

LOAD SETUP DEFAULT
If you would like to return all settings of your DVD Player's Setup to the factory defaults, choose LOAD SET DEF. This will reset all values for General, Audio, Video and Language settings, with the exception of the Parental Control Password. After all, the Parental Control and Password features would be of little use if your kids could simply clear them with a reset.

S/W VERSION
Should be necessary for you contact Technical support, the Technician may need to know the software version installed on your play. It is not recommended that you upgrade your BIOS without contacting Technical support first.

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Troubleshooting Common Problems

The DVD Player Does Not Power On

- The AC Power cord may be loose or not plugged in. Make sure the power cord is secure in the AC socket and the connector on the back of the player.
- The unit may be in Standby Mode. In this case, the Standby LED to the left of the disc tray will be glowing. Turn the player on with the remote POWER button, or turn the unit off, wait for 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 of a few seconds.

A Specific Disc Does Not Play

- The disc may be dirty. Try cleaning the disc.
- Make sure the disc is not in upside-down
- The region code of the disc may not match that of the player. In this case, the disc cannot be used.

The Remote Control Does Not Function

- Make sure you're aiming the remote directly at the player's remote sensor, located in the front display.
- Make sure there are no obstacles between the remote and the player.
- The batteries may be drained. Try changing the batteries in the remote.
- You could be using the remote too far away. Try within 4 meters of the player.

There is No Picture on the TV Screen

- Make sure the connections from the player to the TV are secure.
- Verify that the TV's channel is set to match the video input you're using. Refer to the TV's documentation.
- On most TVs the "Aux In", "Video In" or "A/V In" channel should match the video input connector.
- If you're using the S-Video connector, the TV may have a separate input channel for this type.

The Disc Doesn't Eject

- If the player is in Standby Mode with the Status LED to the left of the disc tray is RED, the disc will not eject. Turn the player on (Status LED = Green) with the Remote Control and then eject the disc.

No Sound from TV or Speakers

- If the DTS 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.
- If you are using a Digital Receiver, you must enable SPDIF in the player's Setup Menu.
- Make sure the audio cables connecting the DVD player to your TV or receiver are secure.
- The movie is paused. There is no sound during Pause or Search modes.

Some Settings in the Setup Menu are Unavailable

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

Distorted Picture when Connected to a VCR

- This DVD Player is built with Macrovision copy-protection. This will distort the signal when used with VCRs. Connect the player directly to the TV.

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Specifications

Playable Discs
DVD, Audio CD, VCD, CD-R, CD-RW

TV Systems Supported
NTSC, PAL, MULTI

Laser
Semiconductor Laser, wavelength 650nm

Frequency Response (Digital Audio)

DVD Linear Sound:	48kHz sampling 4Hz to 22kHz
	96kHz sampling 4Hz to 44kHz
Audio CD:	4Hz to 20kHz

Signal-to-Noise Ratio (Digital Audio)
More than 90dB

Audio dynamic range (Digital Audio)
More than 80dB

Harmonic Distortion (Digital Audio)
Less than 0.015%

Wow and Flutter
Less than ±0.001% (W.PEAK)

Connections

YUV P-SCAN / Component Video Out:	(Y) 1.0Vpp (75 Ohm), Negative Sync, (Pb)/(Pr) .7 Vpp (75 Ohm)
S-Video Out:	Mini DIN 4-Pin (75 Ohm)
Video Out:	One Pin Jack, 1Vpp (75 Ohm)
Coaxial Digital Out:	One Pin Jack, .5Vpp (75 Ohm)
Analog Audio Out:	Two Pin Jacks, 2.0VRMS (470 Ohm)

Operating Conditions
5°C to 35°C(41°F to 95°F), Operation Status: Horizontal

Power Supply
AC ~100-230V, 50/60Hz

Power Consumption
Normal Mode: 12 W
Standby Mode: 6.5 W

Dimensions
8-3/4" (W) x 2-9/32” (H) x 9 (D)
(224mm x 58mm x 229mm)

Weight
3.5 lbs. (1.6 kg.)

**Note: Design and specifications are subject to change without notice.*

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Glossary of DVD-Related Terms

CD-R & CD-RW
Recordable Optical Disc formats that can be used as VCD or MP3 discs with your DVD Player.

Coaxial Digital Audio Connector
A digital audio connection used to connect a DVD player to a receiver or pre-amplifier. Transfers a “RAW” digital audio signal, minimizes signal degradation.

Component Video
Offers the best interface between a video signal source and a TV. Uses three RCA-type jacks to separate the component signals making up a video signal. A component video signal is comprised of the luminance (Y) signal and separate chrominance (PR and PB) signals.

Composite Video
The most common connection between a DVD Player and a video display, Composite Video uses a single RCA cable.

Dolby Digital 5.1
A digital surround sound system, capable of transferring up to 5 sound channels plus a sub-bass woofer, developed by Dolby Labs. Supported on most DVD discs.

DTS
Digital Theater System. Another digital surround sound system with 5.1 channels. DTS is supported on some newer DVD discs.

Dual-Layer DVD
A DVD disc that has two layers on each side. A single-sided, dual-layered DVD can hold almost four hours of video and audio, and is also known as a DVD-9.

DVD
Digital Video Disc. DVDs come in different formats, such as single-sided or double-sided. Each side can have a single layer or two layers of data.

DVD-5
A DVD that is single-sided, single-layer, holding up to 4.7 GBytes of data.

DVD-9
A DVD that is single-sided, dual-layer, holding up to 8.5 GBytes of data.

DVD-10
A DVD that is double-sided and single-layered, which holds up to 9.4 GBytes of data. This disc must be manually flipped to use both sides.

Home Theater
A system designed to re-create the movie theater experience in the home. A typical home theater system will have a DVD Player, TV, Receiver and Speaker System with 4 speakers and a subwoofer for surround sound.

MacroVision
Analog Copy Protection which scrambles video signal when used with VHS recorders. Also has an effect on some

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Glossary of DVD-Related Terms (cont'd)

MP3
A compressed audio format. Its small size makes it popular for downloading on internet. MP3 files recorded on CD-R or CD-RW media are suitable for playback on your DVD Player.

NTSC
National Television System Committee. This is the standard system for TV in the USA and Japan, among others.

PAL
Video standard used in most European countries and elsewhere.

Region Code
DVD movies are produced with region encoding to restrict distribution of titles to certain areas at certain times. To play back a DVD title with a specific region code, you will need a DVD player with the same region code.

S-Video
S-Video offers significantly improved video signal performance over a basic composite video connection. To use this type of connection, your TV must have an S-Video input.

VCD
Digital Video Disc. A digital video disc format particularly popular in Asia. Uses MPEG-1 video compression. The picture quality is roughly that of VHS tapes.

Copyright Protection
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.

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