

DVD Video Player Owner's Manual



Read this manual first!

Congratulations on purchasing this Philips product.

We've included everything you need to get started.

If you have any problems, Philips Representatives can

help you get the most from your new product by explaining:

- Hookups,
- First Time Setup, and
- Feature Operation.

Do not attempt to return this product to the store.

For fast help, call us first!

1-800-531-0039

Thank you for making Philips a part of your home!



Let's make things better.



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Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

- Once your Philips purchase is registered, you're eligible to receive all the privileges of owning a Philips product.
- So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Philips warranty.

Owner Confirmation


Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.


Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Know these
safety symbols



 This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

 The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

For Customer Use

Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

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



PHILIPS Visit our World Wide Web Site at <http://www.philips.com>

PHILIPS



Congratulations on your purchase, and welcome to the “family!”

Dear Philips product owner:

Thank you for your confidence in Philips. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the Philips “family,” you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome – and thanks for investing in a Philips product.

Sincerely,

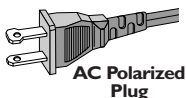
Lawrence J. Blanford
President and Chief Executive Officer

P.S. Remember, to get the most from your Philips product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.


9. Do not defeat the safety purpose of the polarized or grounding-type plug.



A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer.

12.  Use only with 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.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. Battery usage **CAUTION** – To prevent battery leakage which may result in bodily injury or damage to the unit:

- Install **all** batteries correctly, + and - as marked on the unit.
- Do not mix batteries (**old** and **new** or **carbon** and **alkaline**, etc.).
- Remove batteries when the unit is not used for a long time.

EL 6475-E003: 01/6

Class II equipment symbol



This symbol indicates that the unit has a double insulation system

General Information

Environmental Information

All unnecessary packaging has been omitted. The packaging has been made easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your DVD player consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

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.

LASER

Type	Semiconductor laser GaAlAs
Wave length	650 nm (DVD) 780 nm (VCD/CD)
Output Power	7 mW (DVD) 10 mW (VCD/CD)
Beam divergence	60 degree

For Customer Use:

Read carefully the information located at the bottom of your DVD VIDEO player and enter below the Serial No. Retain this information for future reference.

Model No. DVD VIDEO 760
Serial No. _____

Laser safety

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

NOTE:
PICTURES SHOWN MAYBE DIFFERENT BETWEEN COUNTRIES.

CAUTION
(WARNING LOCATION: ON THE BACKPLATE OF THE SET)

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure.

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10.

Canada

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

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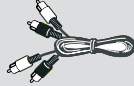
General Information

Supplied accessories

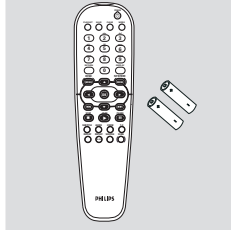
Composite video cable (yellow)



Audio cable (white, red)



Remote Control and two AA batteries



Region Codes

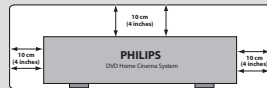
Discs must be labeled for ALL regions or Region 1 in order to play on this Player. You cannot play Discs that are labeled for other regions. Look for symbols above on your DVD discs.



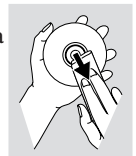
Care and safety information

- **Power supply voltage**
 - Check that the operating voltage indicated on the typeplate (or beside the voltage selector) is identical to the voltage of your local power supply. If not, please consult your dealer.
 - During Standby mode, the DVD player is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.

- **Avoid high temperatures, moisture, water and dust**
 - Do not expose the system, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight.) Always keep the disc tray closed to avoid dust on the lens.
- **Avoid condensation problem**
 - The lens may cloud over when the player is suddenly moved from cold to warm surroundings, making it impossible to play a disc. Leave the player in the warm environment until the moisture evaporates.
- **Do not block the vents**
 - Do not operate the DVD Player in an enclosed cabinet, allow about 10 cm (4 inches) of free space all around the player for adequate ventilation.



- **Care of the cabinet**
 - Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.
- **Finding a suitable location**
 - Place the player on a flat, hard, and stable surface.
- **Care of disc**
 - To clean a CD, wipe it in a straight line from the center towards the edge using a soft, lint-free cloth. A cleaning agent may damage the disc!
 - Write only on the printed side of a CDR(W) and only with a soft felt-tipped pen.
 - Handle the disc by its edge, do not touch the surface.



Basic Connections

- Please refer to the instruction books of your TV, VCR, Stereo or other devices as necessary to make the best connections.

The following guidelines are options for the best picture and sound quality available on your DVD player.

Picture

- * Use CVBS Video Output for good picture quality.
- ** Use S-Video Output for better picture quality.
- ** Use Component Video Output for best picture quality.

Use Component Video Out with Progressive Scan enabled for excellent flicker-free picture quality (to enable this you need a Progressive Scan TV).

Your TV may have only an RF-style input, usually labeled Antenna In, 75 ohm or RF In and you will need an RF modulator to operate. See your retailer on RF modulator availability and operations.

Sound

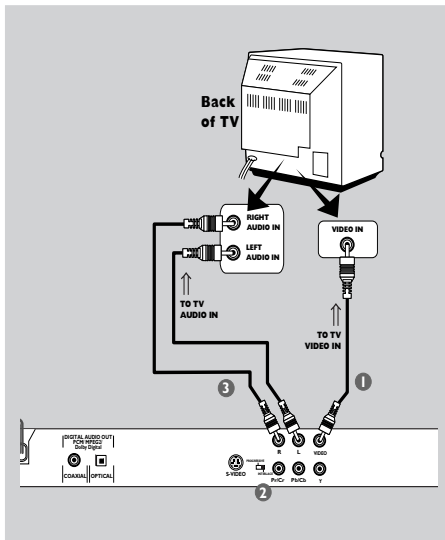
- 1 Digital audio connections provide the clearest sound with a digital amplifier or receiver. Connect the DVD player's COAXIAL or OPTICAL DIGITAL AUDIO OUT to your amplifier or receiver.
- 2 If the above connection is not possible, use the audio cables (white/red) to connect AUDIO IN (L/R) jacks to your amplifier, receiver, stereo or TV.

Warning!

- **Never make or change connections with the power switched on.**
- **Connect the DVD Player directly to the TV.**
- **Do not connect the DVD player AUDIO OUT to the PHONO IN of your amplifier or receiver.**

Connections

Connecting TV

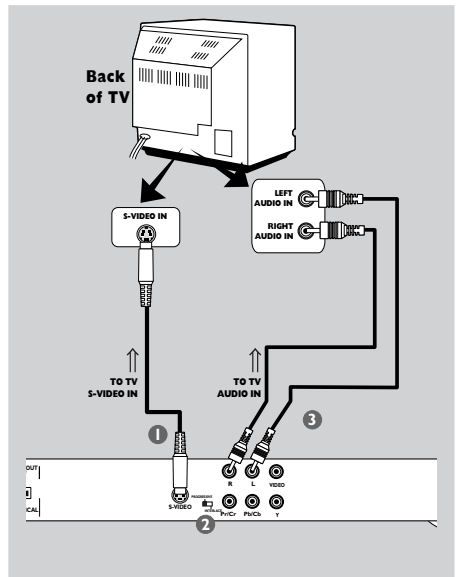


IMPORTANT!

– You only need to make one video connection from the following options, depending on the capabilities of your TV system.

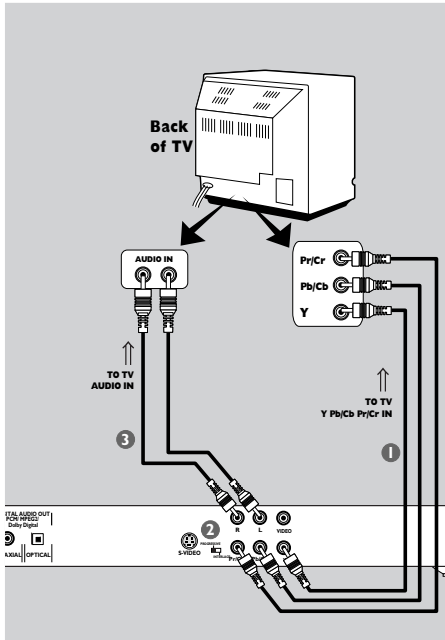
Using CVBS jack

- 1 Use the composite video cable (yellow) to connect the DVD Player's CVBS (VIDEO) jack to the video input jack (or labeled as A/V In, Video In, Composite or Baseband) on the TV (cable supplied).
- 2 Set the PROGRESSIVE/INTERLACE switch to INTERLACE.
- 3 To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect AUDIO OUT (L/R) jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV (cable supplied).



Using S-Video jack

- 1 Use the S-Video cable to connect the DVD Player's S-VIDEO OUT jack to the S-Video input jack (or labeled as Y/C or S-VHS) on the TV (cable not supplied).
- 2 Set the PROGRESSIVE/INTERLACE switch to INTERLACE.
- 3 To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect AUDIO OUT (L/R) jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV (cable supplied).

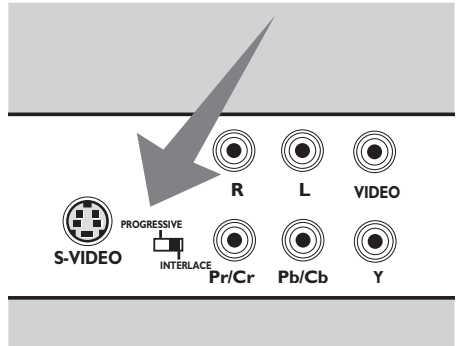


IMPORTANT!

– **Component Video connection provides highest picture quality.** These options must be available on your TV.

Using Component Video jack (PrCr PbCbY)

- 1 Use the component video cables (red/blue/green) to connect the DVD Player's PrCr / PbCb / Y jacks to the corresponding Component video input jacks (or labeled as PrCr / PbCb / Y or YUV) on the TV (*cable not supplied*).
- 2 Set the PROGRESSIVE/INTERLACE switch to INTERLACE.
- 3 To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect AUDIO OUT (L/R) jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV (*cable supplied*).



Progressive / Interlace SELECTOR

This switch will change the type of signal output from the Component Video Out on the player.

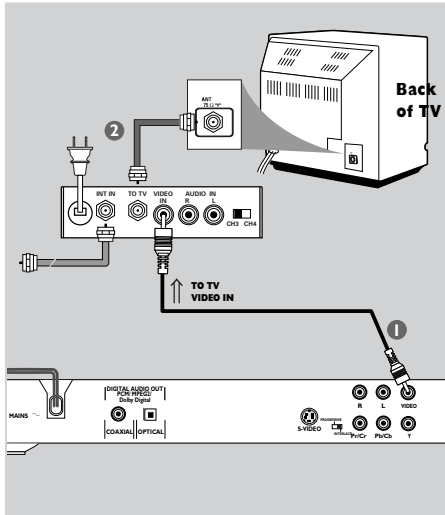
Interlace:

Select this setting when connected to a standard (interlace format) TV.

Progressive:

Select progressive when you have a TV that can accept progressive signals (480/525p) to enjoy accurate colour reproduction and high quality images.

Connections



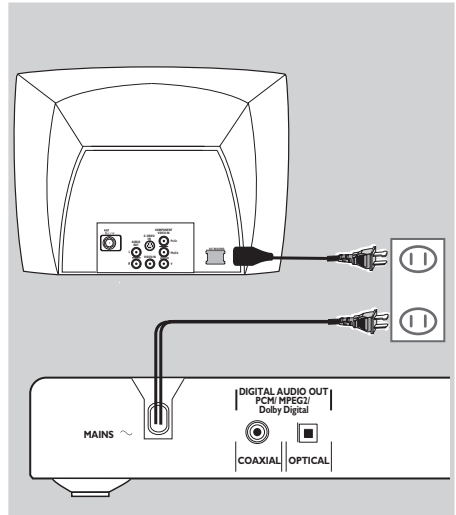
IMPORTANT!

– If your TV only has a single Antenna In jack (or labeled as 75 ohm or RF In), you will need an RF modulator in order to view the DVD playback on the TV. See your electronics retailer or contact Philips for details on RF modulator availability and operations.

Using an accessory RF modulator

- 1 Use the composite video cable (yellow) to connect the DVD Player's CVBS (VIDEO) jack to the video input jack on the RF modulator.
- 2 Use the RF coaxial cable to connect the RF modulator to your TV's RF jack (*cable not supplied*).

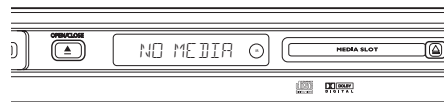
Connecting the power cord



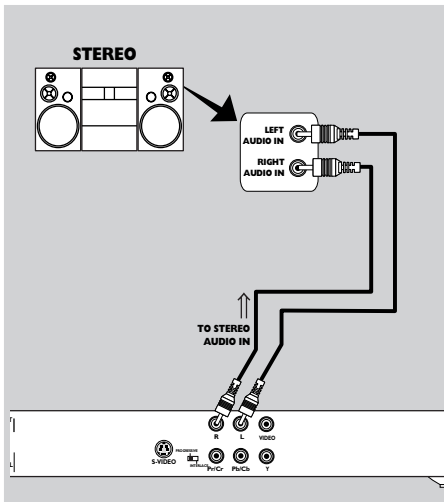
After everything is connected properly, plug in the AC power cord to the power outlet.

Never make or change any connections with the power switched on.

Press **STANDBY ON** on the DVD Player front panel, “NO Media” may appear on the display panel.



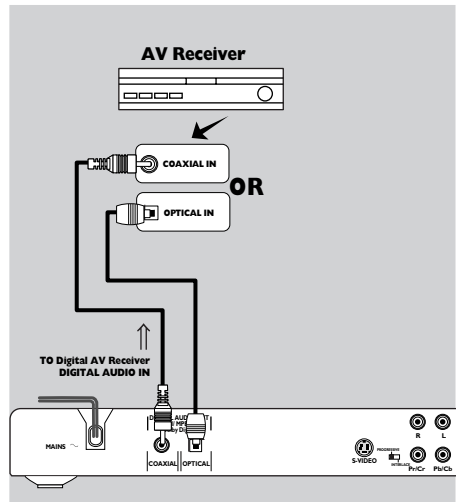
Optional : Connecting 2-channel Stereo



Stereo has Dolby Pro Logic or Right / Left Audio In jack

- 1 Select one of the video connections (CVBS VIDEO IN, S-VIDEO IN, COMPONENT VIDEO IN) depending on the options available on your TV.
- 2 Set the PROGRESSIVE/INTERLACE switch to INTERLACE for CVBS or S-VIDEO connections.
- 3 Set the PROGRESSIVE/INTERLACE switch to PROGRESSIVE for COMPONENT VIDEO IN connection with a Progressive Scan TV.
- 4 Use the audio cables (white/red) to connect **AUDIO OUT (L/R)** jacks of the DVD Player to the corresponding **AUDIO IN** jacks on the stereo system (cable supplied).

Optional : Connecting Digital AV Receiver



Receiver has a PCM, Dolby Digital or MPEG2 decoder

- 1 Select one of the video connections (CVBS VIDEO IN, S-VIDEO IN, SCART or COMPONENT VIDEO IN) depending on the options available on your TV.
- 2 Set the PROGRESSIVE/INTERLACE switch to INTERLACE for CVBS or S-VIDEO connections.
- 3 Set the PROGRESSIVE/INTERLACE switch to PROGRESSIVE for COMPONENT VIDEO IN connection with a Progressive Scan TV.
- 4 Connect either the COAXIAL or OPTICAL jack of the DVD Player to the corresponding COAXIAL or OPTICAL Digital Audio In jack on your Receiver (cable not supplied).
- 5 Set the DVD Player's Digital Output to PCM-ONLY or ALL depending on the capabilities of your Receiver (see "Digital Output", page 32).

Helpful Hint:

- If the audio format of the Digital Output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all.

Functional Overview

Front and Rear Panels

STANDBY ON

- To switch the DVD Player to Standby mode or ON

Disc tray

OPEN/CLOSE

- Open/Close the disc tray

Media Slot

(Memory card slot)

- To slot in Compact Flash, Secure Digital (SD), Memory Stick, MMC, Smart media, Microdrives (1GB) or Extreme Digital (XD) cards using a PCMCIA (type 1) adaptor

■ STOP

- To stop playback

▶▶ NEXT

- To search or select next chapter or track

▶|| PLAY/PAUSE

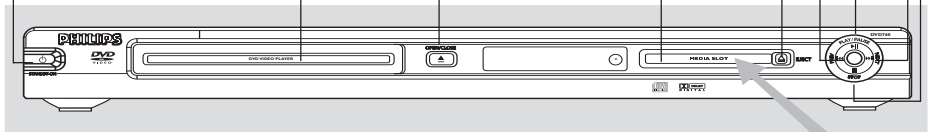
- To start or interrupt playback

PREV ◀◀

- To search or select previous chapter or track

EJECT

- To eject an inserted PCMCIA adaptor



See page 23 for Media Slot

MAINS (AC Power Cord)

- Connect to a standard AC outlet

COAXIAL (Digital audio out)

- Connect to coaxial AUDIO inputs of a digital audio equipment

OPTICAL (Digital audio out)

- Connect to optical AUDIO inputs of a digital audio equipment

S-VIDEO OUT

- Connect to a TV with S-Video inputs

Pr/Cr Pb/Cb Y VIDEO OUT

- Connect to a TV with Pr/Cr Pb/Cb Y inputs

CVBS (VIDEO OUT)

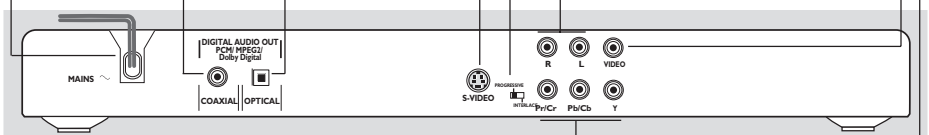
- Connect to CVBS Video inputs of a TV

AUDIO OUT (Left/Right)

- Connect to AUDIO inputs of an amplifier, receiver or stereo system

Progressive / Interlace

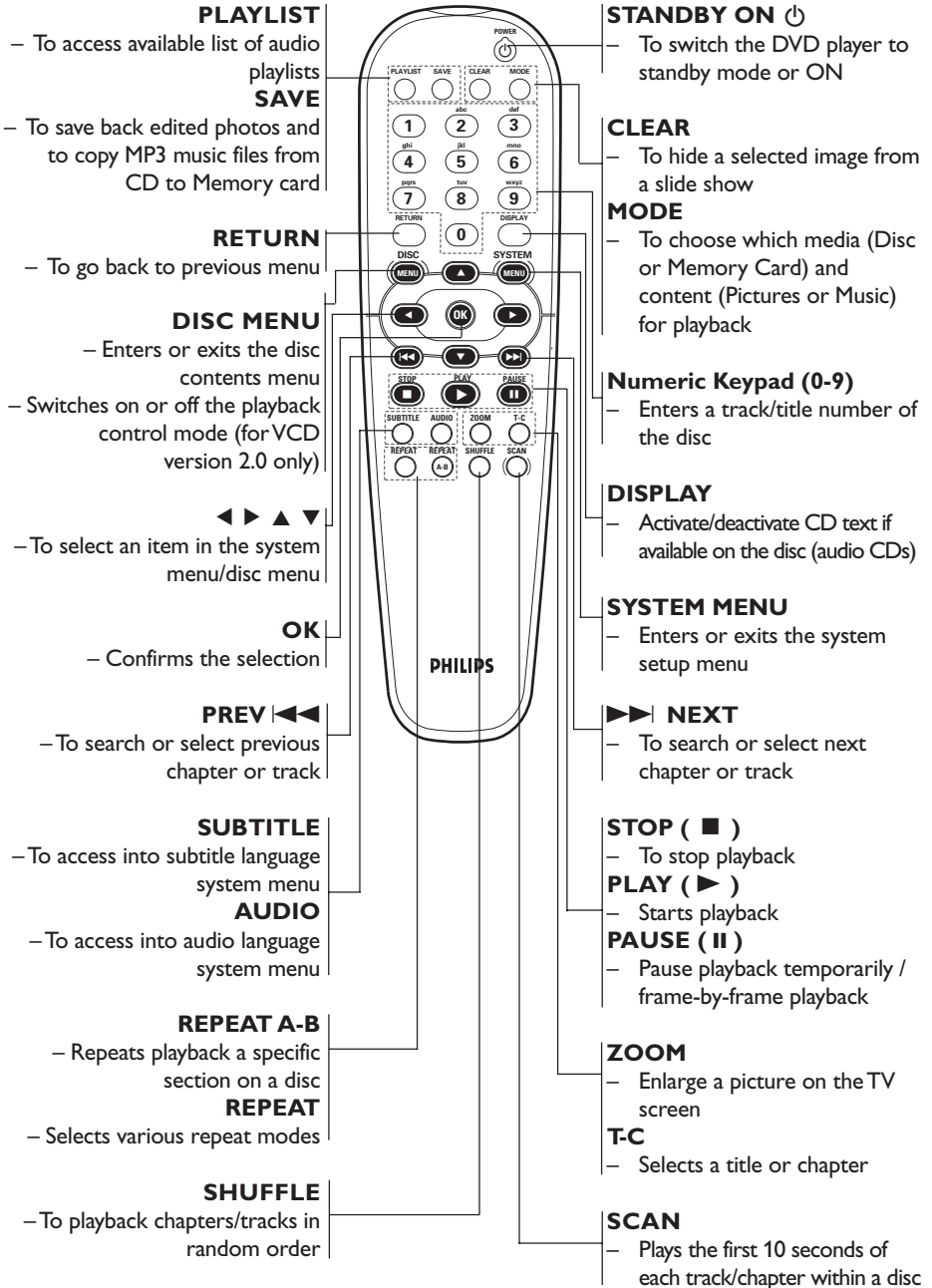
- To switch between Progressive or Interlace Video output



Caution: Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.

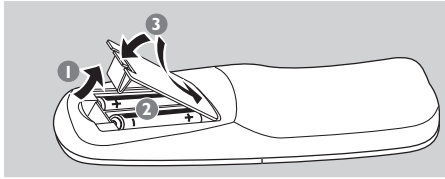
Functional Overview

Remote Control



Getting Started

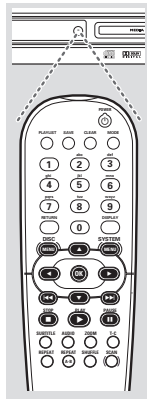
Step 1: Inserting batteries into the Remote Control



- 1 Open the battery compartment.
- 3 Insert two batteries type R06 or AA, following the indications (+ -) inside the compartment.
- 3 Close the cover.

Using the Remote Control to operate the Player

- 1 Aim the Remote Control directly at the remote sensor (iR) on the front panel.
- 2 Do not put any objects between the Remote Control and the DVD Player while operating the DVD Player.



CAUTION!

- Remove batteries if they are exhausted or if the Remote Control is not being used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed of properly.

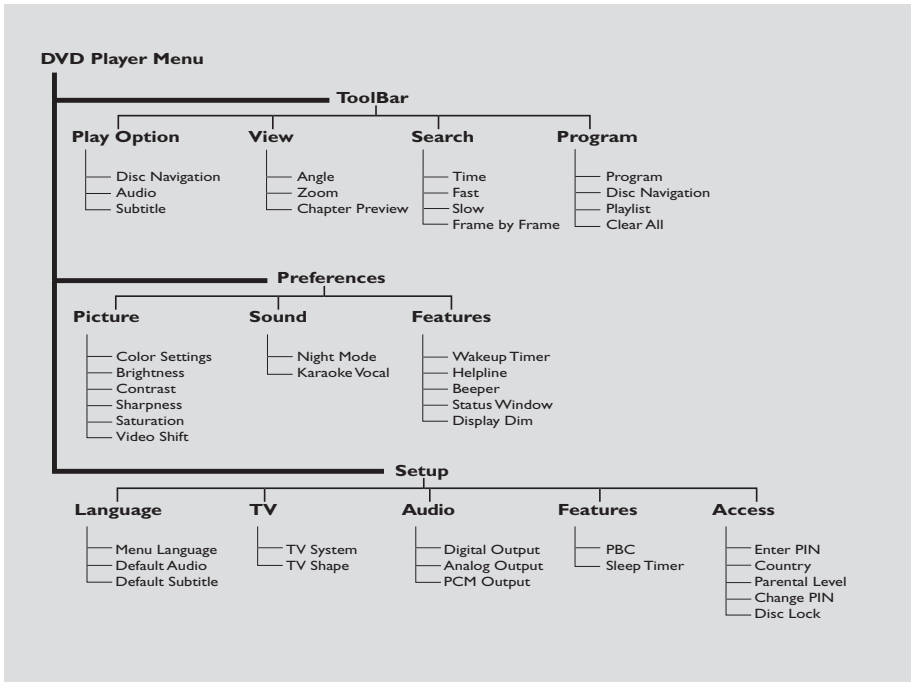
Step 2: Setting the TV

IMPORTANT!

Make sure you have completed all the necessary connections. (See pages 10-12 “Connecting TV”).

- 1 Turn on the TV and set to the correct video-in channel. You should see the blue Philips DVD background screen on the TV.
→ Or, you may go to channel 1 on your TV, then press the Channel down button repeatedly until you see the Video In channel.
- 2 Usually these channels are between the lowest and highest channels and may be called FRONT, A/V IN, or VIDEO. See your TV manual for more details.
→ Or, the TV Remote Control may have a button or switch that chooses different video modes.
→ Or, set the TV to channel 3 or 4 if you are using an RF modulator.

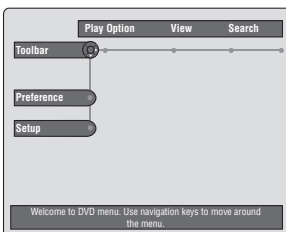
DVD System Menu Hierarchy



Navigating System Menu

This DVD Player has an **On-screen System Menu** which allows you to access the various features and settings of the Player.

- 1 Press **SYSTEM MENU**.
→ The menu bar will appear on the TV screen.

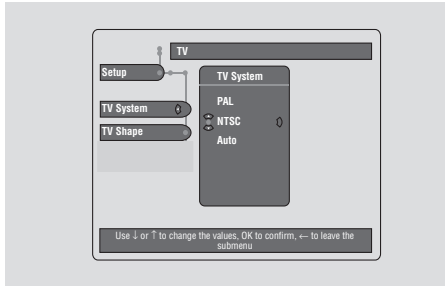


- 2 Use **◀▶▲▼** keys on the Remote Control to navigate in the menu.
- 3 Press **OK** to confirm selection.
- 4 To remove the menu, press **SYSTEM MENU**.

Getting Started

Selecting the color system that corresponds to your TV

This DVD Player is compatible with both NTSC and PAL. In order for a DVD disc to play on this Player, the color system of the Disc, the TV and the DVD Player should match.



- 1 Stop playback and press **SYSTEM MENU**.
- 2 Press **▼** twice to select 'Setup'.
- 3 Use the **◀▶▲▼** keys on the Remote Control to navigate in the menu.

Move to 'TV' and press **▼**.
Move to 'TV System' and press **▶**.

Auto – Select this if the connected TV is compatible with both NTSC and PAL (multi-system). The output format will be in accordance with the video signal of the disc.

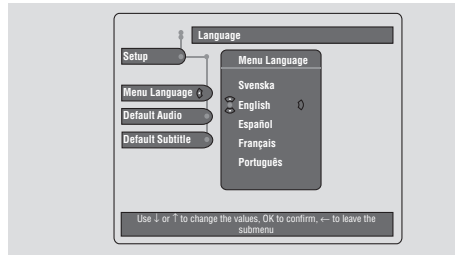
NTSC – Select this if the connected TV is NTSC system. It will change the video signal of a PAL disc (VCD only) and output in NTSC format.

PAL – Select this if the connected TV is PAL system. It will change the video signal of a NTSC disc and output in PAL format.

- 4 Select an item and press **OK**.
- 5 To remove the menu, press **SYSTEM MENU**.

Step 3: Setting language preference

You can select your preferred language settings so that this DVD Player will automatically display its System Menu (and DVD Disc menus) in your preferred language. If the language selected is not available on a disc, the disc's default setting language will be used instead.



- 1 Stop playback and press **SYSTEM MENU**.
- 2 Press **▼** twice to select 'Setup'.
- 3 Use the **◀▶▲▼** keys on the Remote Control to navigate in the menu.
Move to 'Language' and press **▼**.
Move to 'Menu Language' and press **▶**.
- 4 Select a language and press **OK**.
- 5 Use the **◀▶▲▼** on the Remote Control to navigate in the menu.
Move to one of the following and press **▶**.
– 'Default Audio' (disc's soundtrack)
– 'Default Subtitle' (disc's menu)
- 6 Select a language and press **OK**.
- 7 To remove the menu, press **SYSTEM MENU**.

Helpful Hint:

– Some discs (example Karaoke discs) are recorded on multiple audio channels. Press **AUDIO** repeatedly during playback to choose **LR** to hear both channels, **LL** to hear left channel (only music) and **RR** to hear right channel (only vocal).

IMPORTANT!

- Depending on the DVD or VIDEO CD, some operations may be different or restricted.
- Do not push on the disc tray or put any objects other than disc on the disc tray. Doing so may cause the disc player malfunction.

Playable Media

Your DVD Player will play:

● Discs:

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Digital Video Discs + Recordable(DVD+R)
- Digital Video Discs + Rewritable(DVD+RW)
- Compact Discs (CDs)
- MP3 disc on CD-R(W):
 - Maximum 30 characters display.
 - Supported sampling frequencies : 32 kHz, 44.1 kHz, 48 kHz
 - Supported Bit-rates : 32~256 (kbps), variable bitrates
- Picture (JPEG) files on CD-R(W):
 - JPEG/ISO 9660 format.

● Memory Cards:

- JPEG files and MP3 files from the following memory cards.
 - Compact Flash (Type I and II, including IBM Microdrive)
 - Secure Digital (SD)
 - Smart Media
 - Memory Stick
 - Multimedia Card (MMC)
 - Extreme Digital (XD)



Helpful Hint:

- If you are having trouble playing a certain media, remove the media and try a different one. Improper formatted media will not play on this DVD Player.

IMPORTANT!

If the inhibit icon (X) appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.

Playing discs

- 1 Connect the power cords of the DVD Player and TV (and any optional stereo or AV receiver) to a power outlet.
- 2 Turn on the TV power and set to the correct Video In channel. (See page 16 “Setting the TV”).
- 3 Press **STANDBY ON** on the DVD front panel.
 - You should see the blue Philips DVD background screen on the TV.
- 4 Press **OPEN-CLOSE ▲** button to open the disc tray and load in a disc, then press the same button again to close the disc tray.
 - Make sure the label side is facing up. For double-sided discs, load the side you want to play facing up.
- 5 Playback will start automatically (depending on the disc type).
 - If a disc menu shows on the TV, see next page on “Using the Disc Menu”.
 - If the disc is locked by parental control, you must enter your four-digit password. (See page 34).
- 6 At any time, simply press **STOP** to stop playback.

Resuming playback from the last stopped point (DVD/VCD)

- In stop mode and when the disc has not been ejected, press **PLAY ►**.

To cancel resume mode

- In stop mode, press **STOP ■** again.

Disc Operations

Using the Disc Menu

Depending on the disc, a menu may appear on the TV screen once you load the disc.

To select a playback feature or item

- Use the ◀▶ ▲▼ or numeric keypad (0-9) on the Remote Control, then press **PLAY ▶** or **OK** to start playback.

To access or remove the menu






- Press **DISC MENU** on the Remote Control.

For VCD with Playback Control (PBC) feature (version 2.0 only)

- At any time during playback, press **DISC MENU** to return to the menu screen.
- In stop mode, press **DISC MENU** to switch between 'PBC ON' and 'PBC OFF'.
→ The VCD PBC menu is accessible only when PBC is set to ON.

Symbols Used in this Manual

The below symbols appear in some headings and notes with the following meanings:

	- Description refers to playback of DVD-video discs
	- Description refers to playback of Video CDs
	- Description refers to playback of Audio CDs
	- Description refers to playback of MP3 files
	- Description refers to playback of JPEG files

Basic playback controls

Unless otherwise stated, all operations described are based on Remote Control use. Some operations can be carried out using the DVD System Menu.

Pausing playback

- 1 During playback, press **PAUSE II**.
→ Playback will pause and sound will be muted.
- 2 Press **PAUSE II** repeatedly to select the previous or next picture frame.
- 3 To return to normal playback, press **PLAY ▶**.

Selecting track/chapter

- 1 Press ▶▶| or |◀◀ briefly during playback to go to the next chapter/track or to return to the beginning of the current chapter/track respectively.
- 2 Press ◀◀ twice briefly to step back to the previous chapter/track.
- 3 To go directly to any chapter/track, enter the chapter/track number using the numerical keys (0-9).

Zoom

Zooming allows you to enlarge the video image during playback.

- 1 Press **ZOOM** during playback.
- 2 Within 5 seconds, press ◀▶ ▲▼ to pan across the TV screen.
- 3 Press **OK** repeatedly to increase and decrease the zoom factor.
→ Playback will continue.

Helpful Hint:

- This feature is also applicable for JPEG picture playback. See "Digital Photo Manager", page 24.

Shuffle

DVD

On a DVD disc - this shuffles the playing order of chapters within a title, if the title has more than one chapter.

VCD CD

On an Audio CD, Video CD - this shuffles all the tracks in random order within a disc.

- 1 Press **SHUFFLE** during playback.
→ SHUFFLE appears on the TV screen for about two seconds.
- 2 To return to normal playback, press **SHUFFLE** again.

Repeat DVD VCD CD MP3

You can play a chapter, track, title or entire disc repeatedly.

- Press **REPEAT** continuously to choose a Repeat mode during playback.

→ DVD

 CHAPTER/TITLE/DISC/OFF appears on the TV screen.

→ VCD CD




 TRACK/DISC/OFF appears on the TV screen.

→ MP3

 TRACK/ALBUM/DISC/OFF appears on the TV screen.

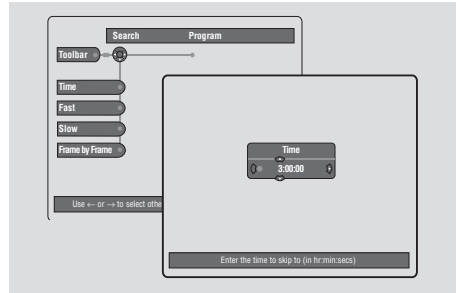
Repeat A-B DVD VCD CD

You can play only a specific portion of a Title or Track repeatedly.

- 1 During playback, press REPEAT A-B as your chosen starting point.
→  REPEAT A appears on the TV screen.
- 2 When the disc reaches your selected ending point, press REPEAT A-B again.
→  A/B appears briefly on the TV screen, and the repeat sequence begins.
- 3 To resume regular playback, press REPEAT A-B again.
→  A/B OFF appears on the TV screen.

Time Search DVD VCD

The Time Search function allows you to start playback at any chosen time on the disc.



- 1 Press **SYSTEM MENU** and press **▶** to select 'Search' option.
- 2 Press **▼** to select 'Time' and press **▶** to enter into the submenu.
→ Playback will pause.
- 3 Enter hours, minutes and seconds in the time edit box using Remote Control numerical key pad.
→ If incorrect or invalid time is entered, the numbers will blink on the TV screen.
- 4 Press **OK** to confirm selection.
- 5 To remove the menu, press **SYSTEM MENU**.

Helpful Hint:

– This feature will not be applicable to VCD discs with Playback control in PBC ON.

Forward / Reverse Searching

DVD VCD

- 1 Press **SYSTEM MENU** and press **▶** to select 'Search' option.
- 2 Press **▼** to select 'Fast'.
- 3 Use **◀▶** to select the required speed: -4, -8 or -32 (backward), or +4, +8 or +32 (forward).
→ Audio will be muted.
- 4 To return to normal speed, press **PLAY ▶**.

Disc Operations



- 1 Use the ◀▶ keys to select the required speed: -8 or -4 (backward), or +4 or +8 (forward).
- 2 You can also hold down ▶▶ or ◀◀ keys for more than two seconds to activate fast search.
- 3 To end the search, press **PLAY ▶** to resume playback or **STOP ■** to stop playback.

Slow Motion

- 1 Press **SYSTEM MENU** and press ▶ to select 'Search' option.
- 2 Press ▼ to select 'Slow'.
- 3 Press ◀▶ to select the required speed: -1/8, -1/4, -1/2 or -1 (backward), or +1/8, +1/4, +1/2 or +1 (forward).
→ Sound will be muted during slow motion.
→ Select 1 to play the disc at normal speed again.
→ Select 0 or press **PAUSE II** on the Remote Control to pause the picture.
- 4 To return to normal speed, press **PLAY ▶**.

Camera Angle

Some discs contain scenes which have been shot simultaneously from various angles.

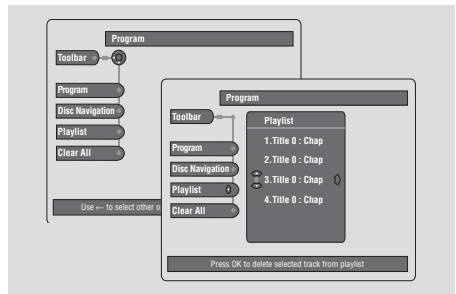
- 1 During playback, the Angle icon will appear on the TV screen if multiple angles are available.
- 2 Use the ▲▼ to select the required angle.
→ Playback changes to the selected angle.

Program favorite tracks

- You can play the contents of the disc in the order you want by programming the tracks to be played. Up to 20 tracks can be stored.

Setting a Program

- 1 Press **SYSTEM MENU** and press ▶ to select 'Program' option during playback.
- 2 Press ▼ to select 'Disc Navigation'.
- 3 Press ▶ to display Titles and press ▶ again to display Chapters if available in the disc.
- 4 Use ▲ or ▼ to select your preferred Title or Chapter number .
- 5 Press **OK** to confirm selection.
→ The selection of Title or Chapter numbers will appear in the 'Playlist'.



Erasing a selection in a Program

- 1 Press ▼ to select the PLAYLIST.
- 2 Press ▶ to display the PLAYLIST and use ▲ or ▼ to select the item you want to erase.
- 3 Press **OK** to erase the selection.

Erasing all selections

- Use ▼ to select **CLEAR ALL** and press ▶ to select **CLEARED**.
→ All selections will be erased.

Switching a Program ON/OFF

- 1 Move to select 'Program'.
- 2 Press ▶ or ◀ to select ON to start the programmed playback.
→ Or press OFF and playback will continue from its current point.
- 3 Press **OK** to confirm selection.
- 4 To remove the menu, press **SYSTEM MENU**.

Media Slot Operations

General Information

- This DVD Player is equipped with a Media Slot that enables you to:
 - View Digital Photos (JPG) from your Digital Camera's Memory Card.
 - Play MP3 files from Memory Cards.
- The Media Slot is a PCMCIA (PC Card) slot similar to the one that you find on Notebook Computers. Using the appropriate PC Card Adaptor, you can read photo (JPG) and MP3 files from the following types of memory cards.
 - Compact Flash (Type I and II, including IBM Microdizine)
 - Secure Digital (SD)
 - Smart Media
 - Memory Stick
 - Multimedia Card (MMC)
 - Extreme Digital (XD)

Supported Media Types

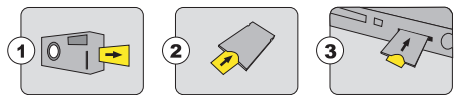
- Only Digital Photos of .JPG or .JPEG extensions can be read by the Media Slot. Files with extensions .BMP, .GIF, .TIFF etc. cannot be viewed using this DVD Player.
- Only MP3 music files can be played from Memory Cards using this DVD Player. Note that it is not possible to play files with .PLS, .WMA, .WMV, .MP4, .MPEG, etc. extensions.
- Different Digital Cameras have different capabilities. The size of your JPG photo file depends on the type of Camera that you have. The speed with which a photo is read and displayed on your TV screen depends on the resolution of your camera and the settings with which you took the picture.
- The smaller the file size, the faster it will be to draw it on screen. (see section on 'Operation Digital Photo Manager').

Precautions in handling Memory Cards

- Never insert a memory card directly into the Media Slot. Always use the appropriate PCMCIA (PC Card) Adaptor.
- Never eject the PC Card Adaptor or Memory Card from the Media Slot while it is in Read or Write operation.
- Do not format your Memory Card using your Computer. Always use your Camera to format the Memory Card. Computer formatted Memory Cards may not be readable by the Media Slot.
- Do not transfer other types of files from your Computer into the Memory Card. Adding files other than JPEG or MP3 files on the same Memory Card may render it unusable by the Media Slot.

Three simple steps to instant viewing & sharing of digital Photos

- 1 First, remove the memory card from your digital camera.
- 2 Plug the card into the PC card adapter.
- 3 Insert the PC card into the Media Slot on your player.
 - Playback will start automatically.



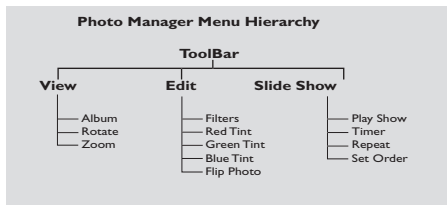
IMPORTANT!

– Ensure that the PCMCIA adaptor is **fully** inserted into the slot.

JPEG and MP3 Operations

Digital Photo Manager **JPEG**

- This feature allows you to manage your digital photos (JPEG only) on your TV screen. Photos from Picture CDs and Memory Cards can be viewed. See section on *Media Slot* for details on Memory Cards.



Album View

- When you insert a Memory Card containing JPEG pictures into the Media Slot (using the appropriate PCMCIA Adaptor) or when you play a Picture CD on your Disc tray, the DVD Player will automatically recognize the pictures and bring up the Photo Manager Album View.
- You will see Thumbnail images of the digital photos (if available on Disc or Card) tiled across the screen.
- If a Thumbnail is not available, the appropriate message will be displayed in the box. No filenames will be displayed.
- You can use your ◀▶▲▼ buttons to navigate through the Album view.
- Press OK on your selected photo to view it on full screen.

- You can also navigate to the buttons above the Thumbnails to start a Slide Show or to move to the Next/Previous Page/Roll.



Helpful Hint:

– At any time in the Digital Photo Manager, pressing **DISC MENU** button on your Remote Control will take you back to the Album View.

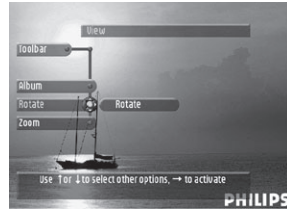
IMPORTANT!

– At any time, pressing **MODE** button will bring up the Application Manager menu where you can select the media type (eg. Pictures, Music) and the source of the media type (eg. Memory Card, Disc) that you wish to play.

JPEG and MP3 Operations

Photo Manager Features

- To activate the Photo Manager Toolbar, press the SYSTEM MENU button after you have displayed the picture on full screen.
→ The Toolbar appears on screen.



- Select ZOOM to zoom into the picture. Press OK repeatedly to increase the zoom factor or ◀▶▲▼ buttons to pan across the picture.
Press ZOOM button to exit the zoom.

View Options

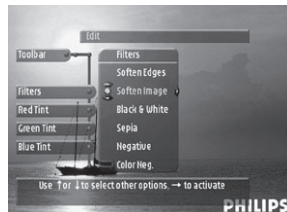
- Select ALBUM to go back to Album (Thumbnail) view.



- Select ROTATE to rotate the picture 90 degrees right on your screen. The rotated picture is NOT saved

Edit Options

- Select FILTERS to apply various edit filters to your picture. The following filters can be applied to get different effects on your picture. Soften, Black and White, Negative, Sepia and Color Negative.

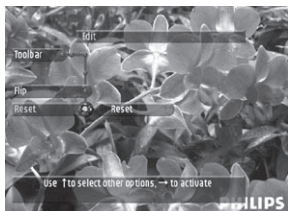


- Select RED/GREEN/BLUE TINT to increase or decrease the Red/Green/Blue Tint of your picture.



JPEG and MP3 Operations

→ Select RESET at any time to undo any editing that you have applied to the picture.



Helpful Hints:

- The edited picture is **NOT** saved automatically on to your Memory Card. Press SAVE button to save back the edited picture.
- You cannot save an edited picture on to a Picture CD Disc.
- RESET is **NOT** possible if you have already saved the edited picture back to your Memory Card.

Slide Show

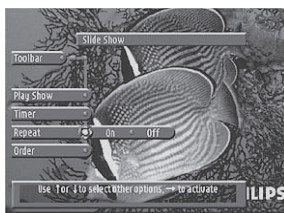
→ Select PLAY SHOW to start the Slide Show mode. If you have not set a particular order for the show (see SET ORDER below), then by default all pictures in the current Roll will be played in the order in which they appear in the Card or Disc.



→ Select TIMER to increase or decrease the speed of Slide Show display. You can choose between Fast, Medium and Slow.



→ Select REPEAT to set the Slide Show mode to Repeat or not.



→ Select ORDER to choose your favorite pictures for Slide Show, to hide those you do not want to be included in the Show, and to set the order in which you want them to be appearing in the Show.

→ In this view, you can also navigate to the buttons on screen.

Select 'Album' to go back to Album (Thumbnail) view.

Select 'Undo' to undo the last order setting operation you performed.

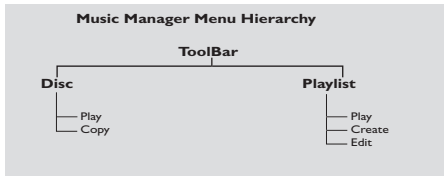
Select 'Reset' at any time to revert back to the original order.

Select 'Play Show' to start the Slide Show.



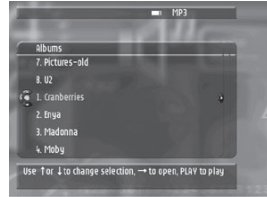
Digital Music Manager **MP3** **CD**

- This feature allows you to organise and play your digital music from various sources. The following media types are supported;
 - Audio CDs
 - MP3 files on CD-R/RW discs
 - MP3 files on Memory Cards. See section on *Media Slot* for details on Memory Cards.



Album/Track View

- When you insert a Memory Card containing MP3 files into the Media Slot (using the appropriate PCMCIA Adaptor) or when you play an Audio CD/MP3 CD on your Disc tray, the DVD Player will automatically recognize the Music files and bring up the Music Manager Album View.
- You will see the list of Albums (if available on Disc or Card) tiled across the screen.
- If no albums are available, the list of Tracks will be displayed.
- You can use your ◀▶▲▼ buttons to navigate through the Album/Track view.
- Press OK or PLAY to start playback.
- Press ▶ continuously to view Track Info (like Artist name, Genre, Track Time etc.) if available.



Helpful Hint:

- At any time in the Digital Music Manager, pressing DISC MENU button on your Remote Control will take you back to the Album View.

IMPORTANT!

- At any time, with a valid MP3 CD in the tray and a valid Memory Card in the Media Slot, pressing SAVE button will initiate the copy of selected Tracks from the Disc to the Memory Card.
- Pressing MODE button will bring up the Application Manager menu where you can select the media type (eg. Pictures, Music) and the source of the media type (eg. Memory Card, Disc) that you wish to play.

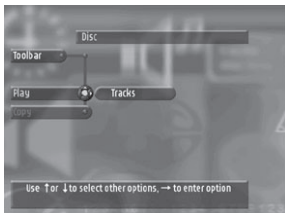
JPEG and MP3 Operation

Music Manager Features

- To activate the Music Manager Toolbar, press ◀ button while in the Album view.
→ The Toolbar appears on screen with highlight on DISC,PLAY.

Play Options

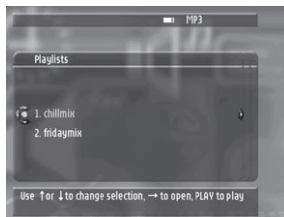
→ Select PLAY to go back to Album/Track view and start playback.



→ Select COPY to copy Albums/Tracks from an MP3 CD to a valid Memory Card.

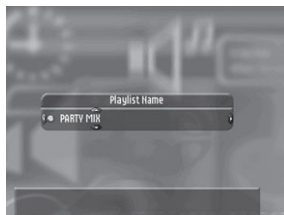
Playlist Options

→ Select PLAY to view existing Playlists and to start playback.

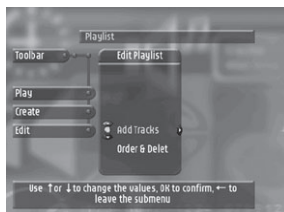


→ Select CREATE to create a new Playlist. You can give a name to the new Playlist using the Remote Control digit buttons which operate like a Mobile Phone alphanumeric keypad.

→ Maximum of 99 Album/Tracks can be saved into the playlist.



→ Select EDIT to add new Albums/Tracks, to re-order or delete Album/Tracks in an existing Playlist or to delete an existing Playlist completely. Use CLEAR button to delete Albums/Tracks in Playlist.



Preferences

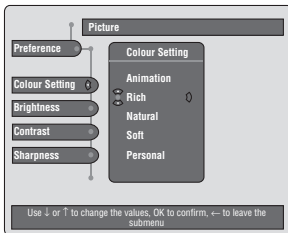
In the Preferences menu, you can customize your DVD player when playing a DVD disc to suit your own personal requirements and settings.

General operation

- 1 Press **SYSTEM MENU** on the Remote Control.
- 2 Press **▼** to select 'Preferences'.
- 3 Use **◀▶▲▼** to navigate submenus and select your preferred option.
- 4 To remove the menu, press **SYSTEM MENU**.
→ At any time, in the menu, you can press **RETURN** key on your Remote Control to go back one level in the system menu.

Picture – Color Setting (Smart Picture)

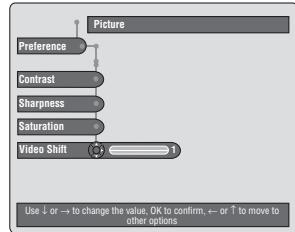
You can select from one of five predefined sets of color settings and one set (Personal) which you can define yourself.



- 1 When **Personal** is selected it allows you to fine-tune saturation, brightness, contrast and sharpness.
- 2 Use **▶** or **◀** keys to adjust the values of these parameters.
- 3 Press **OK** or **◀** to exit.

Picture – Video shift

Video shift can be used to adjust the horizontal position of the picture on your TV screen by scrolling the slider to the left or right.



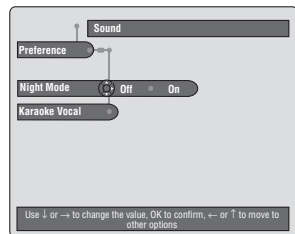
Sound – Night Mode

On

When you want to optimize the dynamics of your sound output. High volume outputs are softened, enabling you to watch your favorite action movie without disturbing others at night.

Off

To enjoy the surround sound with its full dynamic range.

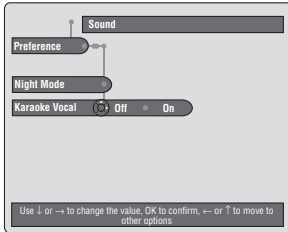


DVD Menu Options

Sound – Karaoke vocal

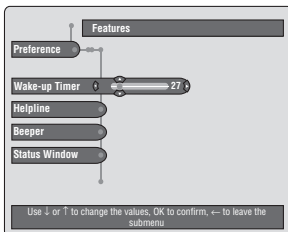
On

Downmixes the karaoke channels on a multi-channel Karaoke disc to normal stereo - allowing you to hear both the lyrics and music together.



Features – Wake-up Timer

The DVD player will turn on automatically after the selected time. Disc playback may begin automatically (depending on the type of disc in tray). Pressing any button on the DVD player or Remote Control during Standby mode will cancel the Wakeup timer mode.



Helpful Hint:

– The values for the Wake-up Timer that you can choose will be in steps of 30 minutes.

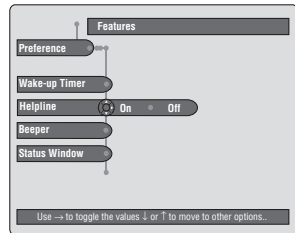
Features – Helpline

On

Helpline appears at the bottom of the TV screen with a brief description of the selected option.

Off

If you no longer require the help-line.

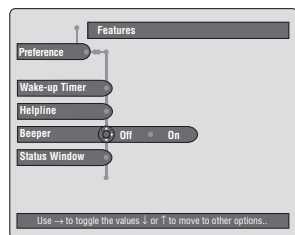


Helpful Hint:

– For certain features, the help-line may remain visible even if you have turned it OFF in the menu. This is only to offer special instructions on how to operate those functions.

Features – Beeper

The DVD player will beep each time you press a button on the DVD player or Remote Control. The beeper can be set to ON or OFF.



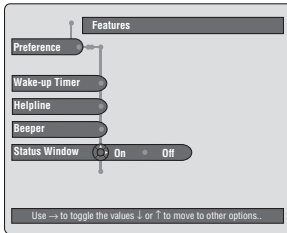
Features – Status Window

On

Displays the current play state and time information and appears on the TV screen.

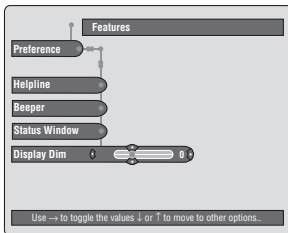
Off

No more status updates are shown on screen.



Features – Display DIM

This function is used to adjust the brightness of display on the front panel of the DVD Player.



Setup

SETUP menu consists of settings which are essential for selecting the appropriate audio and video settings on your DVD Player; to match your equipment like TV, Receiver etc. It also allows you to choose default viewing settings like language, access control etc.

- Playback will stop when SETUP menu is entered.

General operation

- 1 Press **SYSTEM MENU** on the Remote Control.
- 2 Press **▼** to select 'Setup'.
- 3 Use **◀▶▲▼** to navigate submenus and select your preferred option.
- 4 To remove the menu, press **SYSTEM MENU**.

→ At any time, in the menu, you can press **RETURN** key on your Remote Control to go back one level in the system menu.

Language

- Refer to Getting Started for Menu Language, Default Audio and Default Subtitle on section "Setting Language Preference" in page 18.

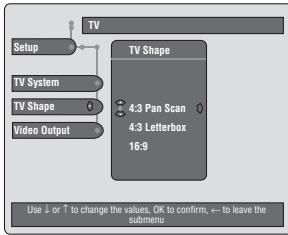
TV - TV System

- Refer to Getting Started for TV System on section "Selecting the color system that corresponds to your TV" in page 18.

DVD Menu Options

TV – TV Shape

Set the aspect ratio of the DVD Player according to the TV you have connected.



4:3 Pan Scan

If you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.

4:3 Letter Box

If you have a normal TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed .

16:9

If you have a wide-screen TV.

Audio – Digital output

Set the Digital output according to your optional audio equipment connection.

All

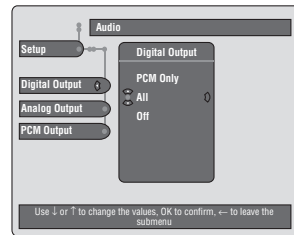
If you have connected your DIGITAL AUDIO OUT to a multi-channel decoder/ receiver.

PCM Only

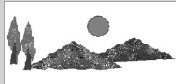
Only if your receiver is not capable of decoding multi-channel audio.

Off

Select this to deactivate the digital output.



16:9



4:3
Letter Box



4:3
Pan Scan



Helpful Hint:

– TV shape setting for Pan Scan is subject to availability on the disc.

DVD Menu Options

Audio – Analog output

Allows you to set the stereo analog output of your DVD Player.

Stereo

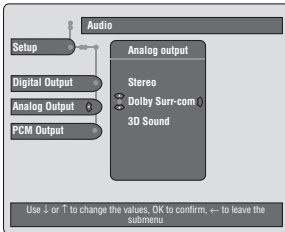
When set to Stereo, the Dolby Digital signals from the disc are downmixed directly into analog stereo from the AUDIO OUT jacks. Use this option when connecting directly to a TV or stereo.

Dolby Surround-compatible

Use this option only when your DVD Player's AUDIO OUT jacks are connected to a Dolby Pro-Logic decoder.

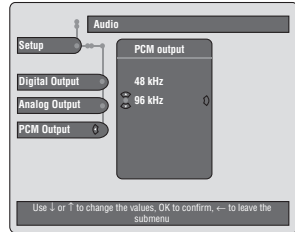
3D Sound

3D sound provides a virtual surround sound experience using just two speakers. Use this option when connecting directly to a TV or stereo.



Audio – PCM Output

If you connect the DVD Player to a PCM compatible receiver via the digital output (coaxial or optical) you may need to adjust PCM OUTPUT.



48 kHz

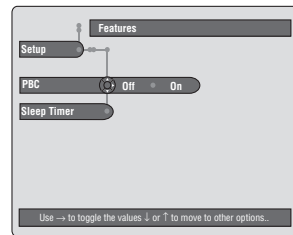
When 48kHz has been selected, 96kHz PCM data, (if available on disc) will be converted to 48kHz.

96 kHz

96kHz PCM audio on non-copy protected DVD discs will be played back at 96kHz. For copy protected discs, the digital output will be downsampled to 48kHz.

Features – PBC

Playback Control feature (only for VCD 2.0) can be set to ON or OFF (see page 20 'Using the Disc Menu').

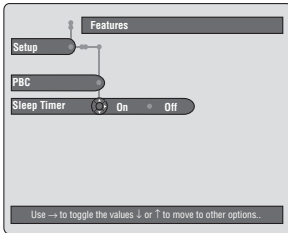


DVD Menu Options

Features – Sleep Timer

On

The DVD Player will go to standby after a pre-defined time.

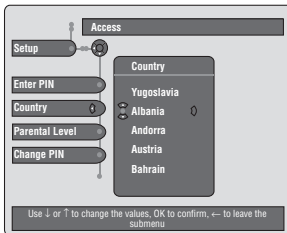


Access

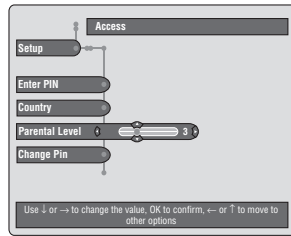
- Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc. This feature lets you set playback limitation level. The rating levels are from 1 to 8 and are country dependant. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes (if available on disc).

Access – Country

- Parental Level codings are applicable only for the country specified on the disc set by the disc manufacturer.
- So, for some discs, you may need to choose the country for which the disc is coded in order to play at the Parental Level you select.



Access – Parental Level



- Press **SYSTEM MENU** and press ▼ to select 'Setup' option.
- Press ► to select 'Access'.
→ Playback will stop.
- Enter your correct 4-digit code.
- Press ▼ to 'Parental Level', then press ►/◀ to select a rating from 1 to 8 for the disc inserted.
→ Select "0" to deactivate Parental Level
→ Select a rating from 1 to 8; discs or scenes with the same rating or lower will play. Higher rated discs or scenes will not play unless you enter your 4-digit code.
- Press **SYSTEM MENU** again to exit the Setup menu.

Rating explanations

8 ADULT

– Mature material; should be viewed only by adults due to graphic sexual material, violence or language.

7 NC-17

– No children under age 17; not recommended viewing for children under age 17.

6 PG-R

– Parental Guidance - Restricted; recommended that parents restrict children under 17 from viewing or allow to view only when supervised by a parent or adult guardian.

4 PG13

– Material is unsuitable for children under age 13.

3 PG

– Parental Guidance suggested.

1G

– General Audience; recommended as acceptable for viewers of all ages.

0 NO PARENTAL

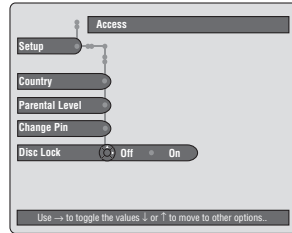
– It will play all discs.

Access – Change PIN

- 1 Press **SYSTEM MENU** and press ▼ to select 'Setup' option.
- 2 Press ► to select 'Access'.
→ Playback will stop.
- 3 Enter your 4-digit code.
- 4 Press ▼ to 'Change Pin', then press ► to enter the 4-digit code again.
- 5 Enter the new 4-digit code.
- 6 Enter the new 4-digit code a second time to confirm.
→ The new 4 digit code will take effect.
- 7 Press **SYSTEM MENU** again to exit the Setup menu.

Access – Disc Lock

When the disc is locked, the player will store its specific code into the memory for future identification. For the next playback, the DVD Player will prompt you to enter the password. Then, press OK to load the disc.



- 1 Press **SYSTEM MENU** and press ▼ to select 'Setup' option.
- 2 Press ► to select 'Access'.
→ Playback will stop.
- 3 Press the ▲▼ keys to highlight DISC LOCK.
- 4 Enter its submenu by pressing the ► key.
→ Discs will not play when "ON" is selected, unless you enter your 4-digit code.
- 5 Press **SYSTEM MENU** again to exit the Setup menu.

Notes:

- When a locked disc is loading, the DVD Player will prompt you to enter your password (0000 is the default password).
- To change the password, refer to the option CHANGE PIN.

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair.

Problem	Solution
No power	<ul style="list-style-type: none">– Check if the AC power cord is properly connected.
No picture	<ul style="list-style-type: none">– Check if the TV is switched on.– Check the video connection
Distorted picture	<ul style="list-style-type: none">– Sometimes a small amount of picture distortion may appear depending on the disc being played back. This is not a malfunction.
Completely distorted picture or black/white picture with DVD	<ul style="list-style-type: none">– Connect DVD Player directly to the TV.– Make sure the disc is compatible with the DVD/ Player.– Ensure that the DVD Player's TV System is set to match that of the Disc and your TV.
No sound or distorted sound	<ul style="list-style-type: none">– Adjust the volume.– Check that the speakers are connected correctly.
No audio at digital output	<ul style="list-style-type: none">– Check the digital connections.– Check if the audio format of the selected audio language matches your receiver capabilities.
Picture freezes momentarily during playback	<ul style="list-style-type: none">– Check the disc for fingerprints/scratches and clean with a soft cloth wiping from center to edge.
Disc can't be played	<ul style="list-style-type: none">– The DVD+R/DVD+RW/CD-R must be finalized.– Ensure the disc label is facing up.– Check if the disc is defective by trying another disc.– If you have recorded a Picture CD or MP3 CD yourself, ensure that your disc contains at least 10 pictures or 5 MP3 tracks.– Region code incorrect.
No return to start-up screen when disc is removed	<ul style="list-style-type: none">– Reset the unit by switching the player off, then on again.
The player does not respond to the Remote Control	<ul style="list-style-type: none">– Aim the Remote Control directly at the sensor on the front of the player.– Reduce the distance to the player.– Replace the batteries in the Remote Control.– Re-insert the batteries with their polarities (+/– signs) as indicated.
Buttons do not work or player stops responding	<ul style="list-style-type: none">– To completely reset the player, unplug the AC cord from the AC outlet for 5-10 seconds.

Problem	Solution
Player does not respond to some operating commands during playback.	<ul style="list-style-type: none">– Operations may not be permitted by the disc. Refer to the instructions of the disc jacket.
DVD Player cannot read CDs/DVDs	<ul style="list-style-type: none">– Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD Player for repair.
Menu items cannot be selected	<ul style="list-style-type: none">– Press STOP twice before selecting System Menu.– Depending on the disc availability, some menu items cannot be selected.
DVD Player cannot read Memory Cards	<ul style="list-style-type: none">– Check whether you have valid content in the Memory Card.– Ensure that you are using the correct PC Card adaptor.– Insert the PC Card fully into the Media Slot.

If you are unable to remedy a problem by following these hints, consult your dealer or service center (HOTLINE).

Specifications

TV STANDARD (PAL/50Hz) (NTSC/60Hz)

Number of lines	625	525
Playback	Multistandard	(PAL/NTSC)

VIDEO PERFORMANCE

Component video output (480i/p)	Y: 1 Vpp into 75 ohm PbPr: 0.7 Vpp into 75 ohm
Video output	1 Vpp into 75 ohm
S-Video output	Y: 1 Vpp into 75 ohm C: 0.3 Vpp into 75 ohm
Video Shift	Left/Right

AUDIO FORMAT

Digital	MPEG	Compressed Digital
	Dolby Digital	16, 20, 24 bits
	PCM	fs, 44.1, 48, 96 kHz
MP3 (ISO 9660)		96, 112, 128, 256 kpps & variable bit rate fs, 32, 44.1, 48kHz

Analog Stereo Sound
Dolby Surround-compatible downmix from Dolby Digital multi-channel sound
3D Sound for virtual surround sound on 2 speakers

PICTURE FORMAT

Digital Images	JPG, JPEG
Maximum resolution	5 Mega Pixels

AUDIO PERFORMANCE

DA Converter	24 bits
DVD	fs 96 kHz 4 Hz - 44 kHz fs 48 kHz 4 Hz - 22 kHz fs 44.1kHz 4 Hz - 20 kHz
CD/Video CD	fs 48 kHz 4 Hz - 22 kHz fs 44.1kHz 4 Hz - 20 kHz
S-Video CD	fs 48 kHz 4 Hz - 22 kHz fs 44.1kHz 4 Hz - 20 kHz
Signal-Noise (1kHz)	100 dB
Dynamic Range (1kHz)	100 dB
Crosstalk (1kHz)	100 dB
Distortion and Noise (1kHz)	97 dB
MPEG MP3	MPEG Audio Layer 3

CONNECTIONS

Y Pb Pr output (480i/p)	Cinch 3x (green, blue, red)
Video output	Cinch (yellow)
S-Video output	Mini DIN, 4 pins
Audio L+R output	Cinch (white/red)
Digital Output	1 coaxial, 1 optical IEC958 for CDDA / LPCM IEC1937 for MPEG1/2, Dolby Digital, DTS

CABINET

Dimensions (w x h x d)	435 x 51 x 302 mm
Weight	Approximately 3.0 Kg

POWER SUPPLY (UNIVERSAL)

Power inlet	120V, 60Hz
Power usage	Approx. 20 W
Power usage standby	< 4 W

* typical playing time for movie with 2 spoken languages and 3 subtitle languages

Specifications subject to change without prior notice

Analog: Sound that has not been turned into numbers. Analog sound varies, while digital sound has specific numerical values. These jacks send audio through two channels, the left and right.

Aspect ratio: The ratio of vertical and horizontal sizes of a displayed image. The horizontal vs. vertical ratio of conventional TVs. is 4:3, and that of wide-screens is 16:9.

AUDIO OUT Jacks: Jacks on the back of the DVD System that send audio to another system (TV, Stereo, etc.).

Bit Rate: The amount of data used to hold a given length of music; measured in kilobits per seconds, or kbps. Or, the speed at which you record. Generally, the higher the bit rate, or the higher the recording speed, the better the sound quality. However, higher bit rates use more space on a Disc.

Chapter: Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

Component Video Out Jacks: Jacks on the back of the DVD System that send high-quality video to a TV that has Component Video In jacks (R/G/B, Y/Pb/Pr, etc.).

Disc menu: A screen display prepared for allowing selection of images, sounds, subtitles, multi-angles, etc recorded on a DVD.

Digital: Sound that has been converted into numerical values. Digital sound is available when you use the DIGITAL AUDIO OUT COAXIAL or OPTICAL jacks. These jacks send audio through multiple channels, instead of just two channels as analog does.

Dolby Digital: A surround sound system developed by Dolby Laboratories containing up to six channels of digital audio (front left and right, surround left and right center and subwoofer).

DTS: Digital Theater Systems. This is a surround sound system, but it is different from Dolby Digital. The formats were developed by different companies.

JPEG: A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio.

MP3: A file format with a sound data compression system. "MP3" is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. By using MP3 format, one CD-R or CD-RW can contain about 10 times as much data volume as a regular CD can.

Multichannel: DVD is specified to have each sound track constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

Parental Level: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

PCM (Pulse Code Modulation): A system for converting analog sound signal to digital signal for later processing, with no data compression used in conversion.

PCMCIA Card (PC Card): A credit-card size adaptor that allows you to read picture files (JPG) and MP3 files from Memory Card.

Playback control (PBC): Refers to the signal recorded on video CDs or SVCDs for controlling reproduction. By using menu screens recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

Progressive Scan: It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert the interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution.

Region code: A system for allowing discs to be played back only in the region designated beforehand. This unit will only play discs that have compatible region codes. You can find the region code of your unit by looking on the product label. Some discs are compatible with more than one region (or ALL regions).

S-Video: Produces a clear picture by sending separate signals for the luminance and the color. You can use S-Video only if your TV has S- video In jack.

Title: The longest section of a picture or music feature on DVD, music, etc., in video software, or the entire album in audio software. Each title is assigned a title number enabling you to locate the title you want.

VIDEO OUT jack: Jack on the back of the DVD System that sends video to a TV.

52 Limited Warranty

Digital Video Disc Player

90 days Free Product Exchange / 91 days—One Year Reduced-Cost Exchange

WHO IS COVERED?

You must have proof of the date of purchase to exchange your product. A sales receipt or other document showing the date that you purchased the product is considered such proof.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For 90 days thereafter, you may exchange the defective product for a free new or renewed product through Philips.

From 91 days to one year from the date of purchase, you will pay a preset exchange fee to obtain a new or renewed product. Follow the exchange procedures on the next page. This exchange opportunity ends one year after the date of purchase. The replacement product is covered only for the warranty period of the original product. When the warranty on the original product expires, the warranty on all replaced products also expires.

When it is necessary for you to ship the product to Philips for exchange, you will pay the shipping costs for shipment to Philips. Philips will pay the shipping costs when returning a product to you.

WHAT IS EXCLUDED?

Your warranty does not cover:

- shipping charges to return defective product.
- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of improper installation, abuse, neglect, misuse, accident, unauthorized repair or other cause not within the control of Philips.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes (including but not limited to rental purposes).

WHERE IS EXCHANGE AVAILABLE?

Warranty exchange is available in all countries where the product is officially distributed by Philips. In countries where Philips does not distribute the product, the local Philips service organization will attempt to exchange the product, although there may be a delay if the appropriate product is not readily available.

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of date of purchase. Attach it to the owner's manual

and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE EXCHANGING THE PRODUCT...

Please check your owner's manual before exchanging the product. Adjustments of the controls discussed there may save you time and money.

LIMITATION OF LIABILITY AND REMEDY...

PHILIPS IS NOT LIABLE UNDER ANY CIRCUMSTANCES FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, HOWSOEVER INCURRED, EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES.

TO THE EXTENT PERMITTED BY LOCAL LAW, THE REMEDIES PROVIDED IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDY. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE/PROVINCE TO STATE/PROVINCE.

TO EXCHANGE YOUR PRODUCT IN THE U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...

FOLLOW THE INSTRUCTIONS STATED PREVIOUSLY IN THE "WHAT IS COVERED" SECTION, OR REFER TO THE EXCHANGE INSTRUCTIONS ON THE NEXT PAGE. IN THE U.S.A., PUERTO RICO, AND U.S. VIRGIN ISLANDS, ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY DISCLAIMED, AND TO THE EXTENT INCONSISTENT WITH LAW OF THE LOCALITY OF THE USER, LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY MAY LAST, THIS LIMITATION MAY NOT APPLY TO YOU.

TO EXCHANGE A PRODUCT IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)

1-800-531-0039 (English or Spanish Speaking)

In Canada, this warranty is given in lieu of all other warranties. There are no other warranties, express or implied, including any implied warranties of merchantability or fitness for a particular purpose.

REMEMBER...

Please record below the model and serial numbers found on the product. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

EXCHANGE INSTRUCTIONS

To exchange your product with Philips (per the warranty conditions stated previously), remember:

- If you exchange the product within 90 days of the original purchase, there is no cost to you.*
• If you exchange the product more than 90 days after but less than one year after the day of original purchase, contact Philips at 1-800-531-0039 to determine the preset cost for exchange.
• If you do not have your original sales receipt, or if you have any questions, call Philips at 1-800-531-0039.

To obtain a replacement product from Philips:

1. Contact Philips at 1-800-531-0039 to determine the cost for exchange.
2. Complete the Exchange Form below.
3. Pack the product and its accessories in the original box or a suitable alternative. You will receive replacement accessories with your replacement product. For packing details, call Philips at 1-800-531-0039.
4. Put the completed Exchange Form, a copy of the original sales receipt, and the proper payment amount into an envelope. DO NOT SEND CASH. Do not staple or clip these items together. Label the envelope "Return Documents Enclosed." Place this envelope in the box with the product.
5. Seal the box with packing tape and return the product via United Parcel Service (UPS), insured and freight prepaid, to:
Philips Exchange Program
Suite A
406 North Irish Street
Greeneville, TN 37745
ATTENTION: DVD EXCHANGE

A replacement will be sent to you via UPS within 48 business hours of Philips' receipt of the product.

*When it is necessary for you to ship the product to Philips for exchange, you will pay the shipping costs for shipment to Philips. Philips will pay the shipping costs when returning a product to you.

EXCHANGE FORM

Your Address (street address to which replacement should be delivered, no P.O. boxes allowed):

Name:
Street Address: Apt. #:
City: State/Province: Zip Code/Postal Code:
Phone (day): Phone (night):

Exchange Fee: + Sales Tax: = Total:

Method of Payment: (Check one. Please, no cash or CODs.)

Check/Money order Check/Money order No.

Account number Expiration date
American Express
Visa
Novus/Discover
Mastercard

Signature:

Detailed reason for return, use additional paper if necessary:

Model Number Serial Number

Remember, the return box should include the following:

- The product,
• Completed Exchange Form and sales receipt,
• Accessories supplied with the product, and
• Payment, if applicable.

PHILIPS CONSUMER ELECTRONICS COMPANY

A Division of Philips Electronics North America Corporation, Knoxville, Tennessee 37914-1810, USA

DVD 760



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The products and services described herein are not necessarily available in all countries

Due to continuous product improvements this document is subject to change without notice.

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