IMPORTANT NOTE

DK Advarsel:

Laserudstråling ved åbning når sikkerhesafbrydere er ude af funktion. Undgå u tsættelse for stråling.

Bemærk:

Netafbryderen POWER er sekundært indkoblet og afbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

S Klass 1 laserapparat

Varning!

Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kann användaren utsättas för laserstrålning, som överskrider gränsen för läserklass 1.

Observera!

Strömbrytaren POWER är sekundärt kopplad och inte bryter strömmen från nätet Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

N Observer:

Nettbryteren POWER er sekundert innkoplet. Den innebygdenetdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

SF Luokan 1 laserlaite + Klass 1 laserapparat

Varoitus!

Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle lasersäteilille.

Huom.

Toiminnanvalitsin POWER on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

IMPORTANT NOTE FOR USERS IN THE UK

This apparatus is fitted with an approved 13 Amp plug.
To change a fuse in this type of plug, proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

NOTE
The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket.
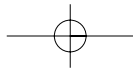
How to connect a plug

The wires in the mains lead are coloured in accordance with the following code:
Blue - 'Neutral' ('N'); Brown - 'Live' ('L')

1. The Blue wire must be connected to the terminal which is marked with the letter 'N' or coloured Black.
2. The Brown wire must be connected to the terminal which is marked with the letter 'L' or coloured Red.
3. Do not connect either wires to the earth terminal in the plug which is marked by the letter 'E' or by the safety earth symbol or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

CONTENTS

For Customer Use:

Read carefully the information located at the bottom of your DVD-VIDEO player and enter below the Serial N°.
Retain this information for future reference.
Model N°. DVD-VIDEO 930/935

Serial N°.

LASER SAFETY: This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.
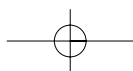
CE The DVD-VIDEO player is in conformity with the EMC directive and low-voltage directive.

CLASS 1 LASER PRODUCT

LUOKAN I LASERLAITE

KLASS 1 LASERAPPARAT

3

ENGLISH

INTRODUCTION

CONTENTS

INTRODUCTION

DVD-VIDEO-THE ENTERTAINMENT MEDIUM FOR THE MILLENIUM

Video was never like this before! Perfect digital studio-quality pictures with truly 3-dimensional digital multichannel audio. Story sequences screened from your own choice of camera angle. Language barriers broken down by sound tracks in as many as eight languages, plus subtitles - when you want them - as many as 32. And whether you watch DVD-Video on wide-screen or regular TV, you always see it the way it was meant to be.

THE PHILIPS MATCHLINE PLAYER: DVD-VIDEO AT ITS BRILLIANT BEST

Top model of the Philips DVD-Video player range, the DVD930/935 Matchline player guarantees you the highest quality, convenience, and simplicity of operation available in this new medium. What's more, it gives you outstanding reproduction of Video and Audio CDs. Thus, you get the best of both worlds - upgrading to DVD-Video, while still enjoying the unrestricted use of your existing disc collection.

That's player performance out of the top drawer, from Philips. And it's guaranteed by the most advanced technology, and based on the longest experience, in the optical disc industry.

DIGITAL VIDEO

DVD-Video uses **state-of-the-art MPEG2 data compression technology** to register an entire movie on a single 5-inch disc. DVD's variable bitrate compression, running at up to 9.8 Mbits/second, captures even the most complex pictures in their original quality.

The **crystal-clear digital pictures** have a horizontal resolution of over 500 lines, with 720 pixels (picture elements) to each line. This resolution is more than double that of VHS, superior to Laser Disc, and entirely comparable with digital masters made in recording studios.

DVD-Video discs conform to either the PAL or NTSC video standard. This **dual-standard player** can play both types, and present them in the best possible way on your multistandard TV screen.

As the universal video system of the future, DVD-Video offers **optimal pictures on any TV screen**.

CONSTRUCTION

DVD has afour times denser recording pattern, and only half the focal length of CD. But full compatibility demands accurate signal readout from both types of disc. That's why this player features a **Dual-lens, single-laser optical pickup**, guaranteeing the best accuracy in both cases. The individual lenses are optimized for spherical aberration, which is not possible with dual-focus hologram systems. Lens selection is automatic whenever a disc is loaded.
Stepping motor technology (already proven in Philips CD-ROM drives) ensures very fast direct access to the video and audio of your choice. Years of experience in optical drive control are embedded in the **Philips High-Density signal processor** which optimizes stepping motor control to get the best possible readout of high-density DVD-Video discs.

INSTALLATION
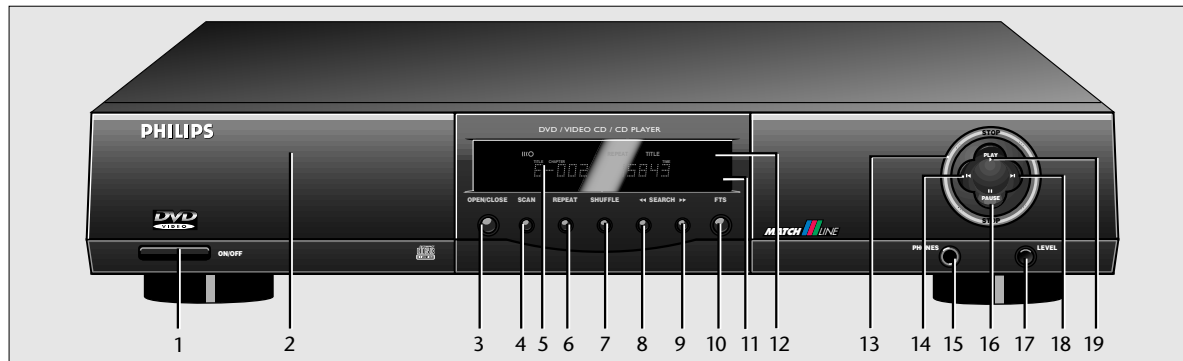
INTRODUCTION

Your Philips DVD-Video player is one of the first-generation players for digital video discs conforming to the universal DVD Video standard. With it, you will be able to enjoy full-length movies with true cinema picture quality, and stereo or multichannel sound (depending on the disc, and on your playback set-up). The unique features of DVD-Video, such as selection of sound track and subtitle languages, and of different camera angles (again depending on the disc), are all included. What's more, Philips Parental Control lets you decide which discs your children will be able to see.

You will find your player remarkably easy to use, by way of the On-Screen Display and player display, in combination with the remote control.

In addition to DVD-Video discs, you will also be able to play all Video CDs and audio CDs. The disc types which run on the player feature one or more of these logos on the disc packaging:

UNPACKING

First check and identify the contents of your DVD-Video player package, as listed below:
• DVD-Video player;
• Remote Control Handset with separately-packed batteries;
• 2-core power cord;
• Euroconnector cable (Europe);
• S-Video cable (USA);
• 1-way video (CVBS) cable;
• 2-way audio cable;
• User Manual

If any item should be damaged or missing, please inform your supplier without delay.

Keep the packaging materials; you may need them to transport your player in the future.

PLACEMENT

• Place the player on a firm, flat surface.
• Keep away from domestic heating equipment and direct sunlight.
• In a cabinet, allow about 2.5 cm (1 inch) of free space all around the player for adequate ventilation.

FRONT OF PLAYER

1   **On/Off** button.
2   Disc loading tray (behind door).
3   Tray Open/Close key.
4   **Scan** key.
5   Display.
6   **Repeat** key.
7   **Shuffle** key.
8   **Search** ◄◄ key.
9   **Search** ►► key.
10 **FTS** selector key.
11 Remote control sensor.
12 Standby indicator.
13 **Stop** key.
14 |◄ Previous title/chapter/track key.
15 **Phone;** Headphone jack.
16 **Pause**/Still, Step key.
17 **Level;** Headphone volume control.
18 ►| Next title/chapter/track key.
19 **Play** key.

5
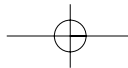
INSTALLATION

ENGLISH
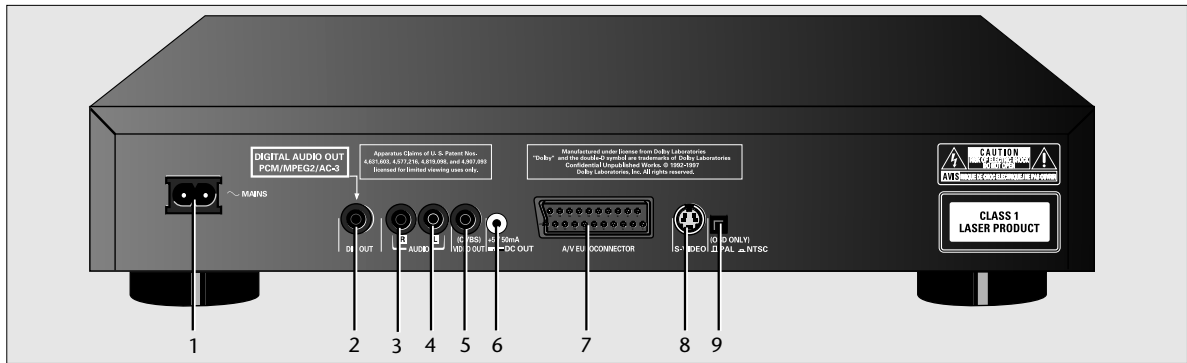
REAR OF PLAYER

1 Power supply socket.
2 **Digital audio** output connector.
3 **Audio R**; Audio output R.
4 **Audio L**; Audio output L.
5 **Video** (CVBS); Video output.
6 **DC Power** output connector
7 **Euroconnector** (Europe only).
8 **S-Video** (USA only).
9 **NTSC/PAL** switch (for player menus).

CAUTION
DO NOT TOUCH THE INNER PINS OF REAR-PANEL CONNECTORS. ELECTROSTATIC DISCHARGE MAY CAUSE PERMANENT DAMAGE TO THE UNIT.

DISPLAY

1 Remote control active (flashing).
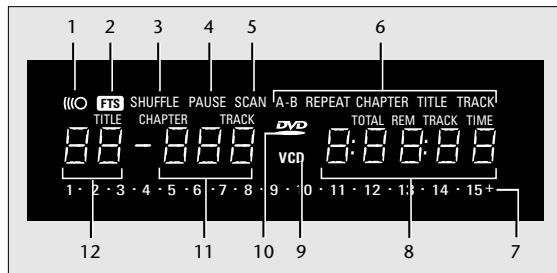2 **FTS** (Favourite Track Selection) active.
3 **SHUFFLE** active.
4 **PAUSE** active.
5 **SCAN** active.
6 **REPEAT A-B/CHAPTER/TITLE/TRACK** mode active.
7 Chapter or track calendar.
8 **TOTAL/REM**aining/**TRACK TIME** in hours, minutes and seconds.
9 **(V)CD** play.
10 **DVD** play.
11 **DVD CHAPTER** or **VCD/CD TRACK** number.
12 **DVD TITLE** number.

REMOTE CONTROL

1 **REPEAT** (chapter, track, title, disc).
2 **A-B REPEAT**.
3 **SCAN** On/Off.
4 **SUBTITLE** language selector or Subtitle On/Off.
5 **SETUP**; Select player SETTINGS menu (in Stop mode only).
6 Select DVD camera **ANGLE**.
7 **T-C**; mode selector Title/Chapter.
8 Numerical key pad.
9 Jog/shuttle control.
10 **JOG/PAUSE** (On/Off)
11 **TV VOL**ume (Up/Down).
12 **STOP ■** or **EJECT**.
13 **PREVIOUS** ◄ /search backward.
14 **PLAY ►**.
15 **RETURN**.
16 Cursor down ▼.
17 Cursor left ◄.
18 Cursor up ▲.
19 **TITLE**; title menu On/Off.
20 **TV POWER**.
21 **TV /DVD** selector.
22 **DVD** /Standby.
23 TV Audio **MUTE**.
24 **MENU**; root menu On/Off.
25 Cursor right ►.
26 **ENTER** (acknowledge menu selection).
27 **NEXT ►** /search forward.
28 **TV P**reset (Up/Down).
29 **OSD** (On-Screen Display) on/off.
30 **AUDIO** language selector.
31 **RESUME** play from last position.
32 **FTS** (Favourite Track Selection).
33 **SHUFFLE** on/off.

6
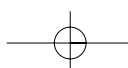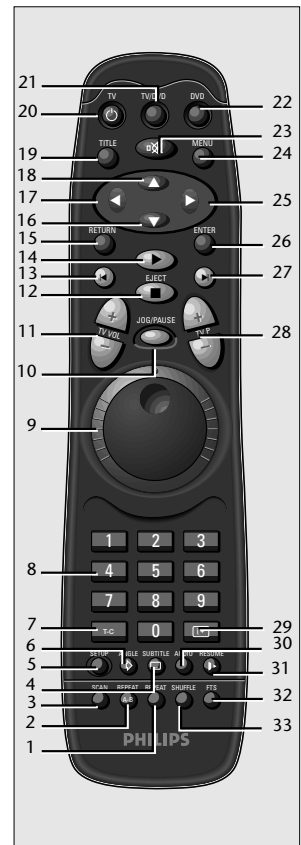
STANDARD CONNECTIONS

NOTE
– Depending on your TV and other equipment, there are various ways you could connect the DVD-Video player. These are shown below.

– Please refer to your TV, VCR, Stereo System and any other User Manual(s) as necessary to make the optimal connections.
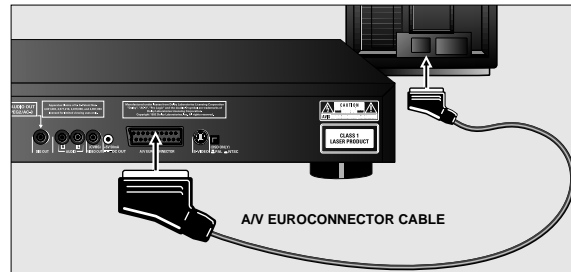
CONNECTION TO A TV WITH AN A/V EUROCONNECTOR SOCKET *(EUROPE)*

This method produces the highest possible picture and sound quality from your TV.

• Connect the Euroconnector *(7)* on the rear of the player to the corresponding connector on the TV using the cable supplied.
• You can also connect the audio Left and Right channel sockets *(3-4)* on the player rear panel to the corresponding sockets on your stereo system.

Use the TV/DVD button *(21)* on the remote control to temporarily switch back from DVD to TV viewing and vice versa.

Do not connect your DVD-player via your VCR, because the video quality could be distorted by the copy protected system.

A/V EUROCONNECTOR CABLE

CONNECTION TO A TV WITH AN S-VIDEO SOCKET *(USA)*

This method produces the highest possible picture and sound quality from your TV.

• Connect the S-video socket *(8)* on the rear of the player to the corresponding socket on the TV using the cable supplied.
• Connect the audio Left and Right channel sockets *(3-4)* on the rear of the player to the corresponding sockets on the TV using the cable supplied. Alternatively, you can use the same cable to connect the audio Left and Right sockets on the rear of the player to the corresponding sockets on your stereo system.

S-VIDEO IN
AUDIO IN
S-VIDEO CABLE
AUDIO CABLE
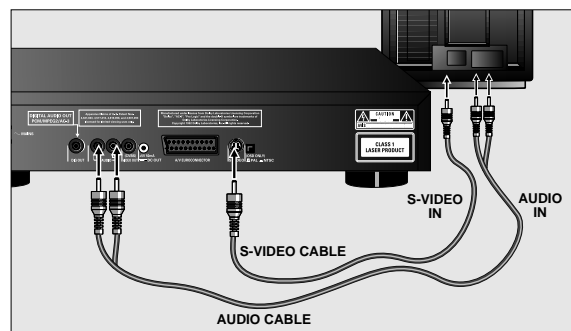
CONNECTION TO A TV WITH A VIDEO (CVBS) SOCKET

This method produces excellent picture and sound quality from your TV.

• Connect the Video socket *(5)* on the rear of the player to the corresponding socket on the TV using the cable supplied.
• Connect the audio Left and Right channel sockets *(3-4)* on the rear of the player to the corresponding sockets on the TV using the cable supplied. Alternatively, you can use the same cable to connect the audio Left and Right sockets on the rear of the player to the corresponding sockets on your stereo system.
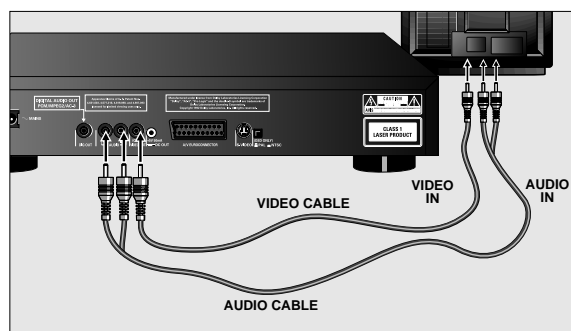
CAUTION
DO NOT CONNECT THE PLAYER'S AUDIO OUTPUT *(3-4)* TO THE PHONO INPUT OF YOUR STEREO SYSTEM.

VIDEO IN
AUDIO IN
VIDEO CABLE
AUDIO CABLE
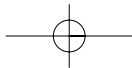
STANDARD CONNECTIONS

MULTI-CHANNEL SOUND FOR HOME THEATRE

For multichannel sound, your player provides both digital and analog audio outputs.

DIGITAL (MPEG 2 MULTICHANNEL OR DOLBY DIGITAL™) MULTICHANNEL SOUND

For this, which provides the highest possible sound quality, you need a digital multichannel A/V receiver. Connect the player's digital audio output to the corresponding input on the receiver using the optional digital audio cable. In this case, do not use the player's audio Left and Right outputs.

You will need to activate the digital output of the player *(See Settings p. 16).*

The audio format of the digital output is dependent on the audio format of the selected audio stream.
Make sure that the selected audio stream matches the capabilities of the receiver connected to the digital output.

ANALOG (DOLBY PRO LOGIC™) MULTICHANNEL SOUND

If your TV set has a Dolby Pro Logic™ decoder, you simply hook up the player to the TV using the Euroconnector, S-Video and audio, or Video (CVBS) and audio connections *p. 7*. If not, you need to make the Euroconnector, S-Video, or Video (CVBS) connection to the TV *p. 7*, and connect the player's audio Left and Right outputs to the corresponding inputs on a Dolby Pro Logic™ Audio/Video receiver, using the cable supplied.

For speaker connections, follow the instructions given in the TV set or A/V receiver user manual.

NOTE
– You cannot use the RF antenna connection for home theatre.
– If the audio format of the digital output does not match the capabilities of your receiver, the sound will be muted.

DIGITAL AUDIO IN

DIGITAL AUDIO CABLE

DIGITAL AUDIO (STEREO) SOUND CONNECTION

For this connection, which produces the highest possible stereo sound quality, you need an audio amplifier with digital audio input. Connect the player's digital audio output to the corresponding input on the amplifier. In this case, do not use the player's audio Left and Right outputs.

NTSC/PAL SETTING

Use this switch to set the player menu output according to the TV-set used.

NOTE
– The video output standard for Video CD and DVD-Video discs most corresponds to the disc being played.

HEADPHONES

To listen to the player sound directly, plug the headphone jack into the headphone socket on the front of the player. Adjust the volume as desired with the headphone volume control.

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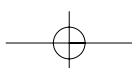
STANDARD CONNECTIONS

CONNECTING THE POWER SUPPLY

• Plug the female end of the power cable supplied into the Power connector *(1)* on the rear of the player.
• Plug the male end of the cord into an AC outlet.

NOTE
– The player will automatically adjust to the local mains voltage.
– When the player is in the "OFF" position, it is stil consuming some power. If you wish to disconnect your player completely from the mains, withdraw the plug from the AC Outlet.

CAUTION

ONLY A QUALIFIED SERVICE PERSON SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE.

USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE OR OTHER UNSAFE CONDITIONS.
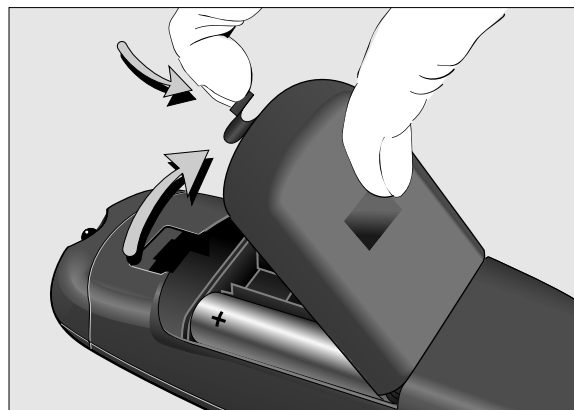
INFRA RED REMOTE CONTROL

LOADING THE BATTERIES

• Open the battery compartment cover.
• Insert 3 'AA' (R6 or SUM3) batteries as indicated inside the battery compartment.
• Close the cover.

CAUTION
DO NOT MIX OLD AND NEW BATTERIES. AND NEVER MIX DIFFERENT TYPES OF BATTERIES (STANDARD, ALKALINE AND SO ON).

PROGRAMMING THE UNIVERSAL REMOTE CONTROL

The remote control of the DVD-Video player can be programmed to control your Television, Amplifier or Receiver. For the control of these products the following buttons on the remote control are available:
• Amplifier - Volume Up/Down and Audio Mute.
• Receiver - Volume Up/Down and Audio Mute.
• Television - Volume Up, Volume Down, Channel Up/Down and TV Mute.
In order to change the remote control to control your brand of Television, Amplifier or Reciever follow the next steps.

1 Select either your brand of Television, Amplifier or Receiver from the next table. Mark the first 3 digit code number behind the brand name.
2 Press ENTER en RETURN simultaneously until the Jog/Pause button lights up.

NOTE
– Note that your remote control is now disabled for all functions.

3 Enter the digits of the selected 3 digit code number. Every time you enter a digit, the Jog/Pause button will blink shortly. When entering the last (3-rd) digit, the Jog/Pause button will blink twice and then switches off to confirm that the programming sequence was correctly executed.
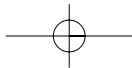
NOTE
– In case you press a wrong key or an incorrect number, the Jog/Pause button will switch off and flashes once. The remote control has not been re-programmed. Repeat step 1,2 and 3.

4 The remote control is now programmed to control your Television or Amplifier or Receiver. If it does not react properly on the mentioned buttons, select the next 3 digit code number behind the your brand of Television, Amplifier or Receiver and repeat step 2 and 3.

AMPLIFIERS	CODE
Aiwa	431
Grundig	420, 432
Kenwood	428, 447
Marantz	420
Philips	420, 445
Pioneer	401
Sony	415
Technics	423, 434
Yamaha	427

RECEIVERS	CODE
Aiwa	536, 546, 573, 581, 586, 606, 617, 636, 647, 649
Denon	502, 704
Grundig	557, 561, 580
Harman/ Kardon	531
JVC	521, 630, 645, 658
Kenwood	510, 523, 589, 590
Luxman	660, 705
Marantz	538, 557, 568
Onkyo	528, 535, 539
Philips	557, 663, 677
Pioneer	582, 645
Sansui	665, 689
Sony	545, 549
Technics	564, 588
Yamaha	526, 551, 691

TELEVISION	CODE
Bang & Olufsen	057,058
Grundig	048, 115, 119, 124, 256, 267, 271
Hitachi	026, 029, 033, 034, 064, 071, 074, 079, 095, 120, 121,134, 137, 139, 160, 173, 196, 230, 269, 273, 276
JVC	029, 039, 047, 092, 098, 114, 116, 207
Panasonic	095, 130, 131, 138, 149, 192, 204, 273
Philips	000, 010, 011, 030, 033, 058, 117, 181, 209, 271
Radiola	010, 030, 181
Saba	052, 058, 074, 095, 120, 121, 124, 130, 165, 170, 187, 194, 273
Samsung	000, 007, 030, 032, 059, 134, 155, 166, 184, 206, 253, 257
SBR	010, 011, 030, 033, 117
Schneider	011, 030, 135, 148, 172, 181, 188, 197, 207, 221, 268
Sony	001, 008, 009, 029, 075, 263
Telefunken	006, 051, 056, 068, 074, 130, 151, 154, 173, 187, 194, 251, 260
Thomson	074, 120, 121, 124, 165, 170, 186, 194, 196, 223
Toshiba	028, 029, 048, 147, 262, 270

9

GETTING STARTED

OPERATION/GETTING STARTED

NOTE
– Unless otherwise mentioned, all operations can be carried out with the remote control. Always point the remote control directly at the player, making sure there are no obstructions in the path of the infrared beam.
– When there are corresponding keys on the front panel, they can also be used.

SWITCHING ON

Switch on the TV and select the video input for your DVD-Video player.

To enjoy sound through your stereo system, turn on the system and select the source input for the DVD-Video player.

To enjoy DVD-Video with multichannel (surround) sound, switch on the Home Theatre system and select the source input for your video player.

• On the front of the DVD-Video player, press Power On/Off. The player display lights, and the OSD invites you to load a disc.
• With Autoplay on (the factory setting) any disc already loaded in the player starts to play.

LOADING A DISC

• Press Open/Close on the front of the player, or hold down the Stop/Eject button *(12)* on the remote control to activate eject. The disc loading tray opens.
• Lay your chosen disc in the tray, label side up. Make sure it is sitting properly in the correct recess.
• Gently push the tray, or press Open/Close, to close the tray.
– With Autoplay on (the factory setting) play starts.
– With Autoplay off, the (play) screen for the type of disc loaded appears on the OSD, and information about the disc's contents and total playing time appear on the display.
– To turn Autoplay off or on, see Settings *P.16*.

NOTE
– Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not play, and should be unloaded.
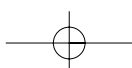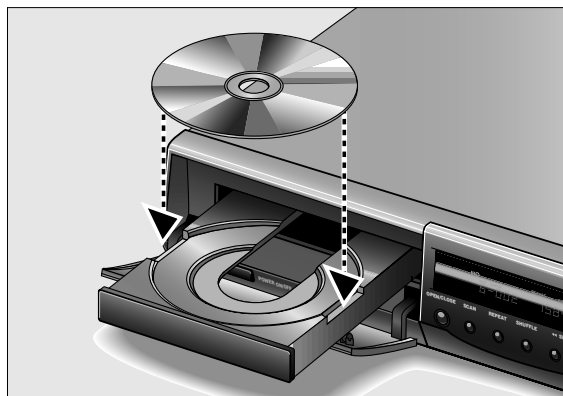
PLAYING A DVD-VIDEO DISC

You will recognize DVD-Video discs by the logo. Depending on the material on the disc (a movie, video clips, a drama series, etc.) these discs may have one or more Titles, and each Title may have one or more Chapters. Play stops at the end of each Title. To make access easy and convenient, your player lets you move between Titles, and also between Chapters.

```
←———————— DVD-VIDEO DISC ————————→
←——— TITLE 1 ———→  ←——————— TITLE 2 ———————→

CHAPTER 1  CHAPTER 2   CHAPTER 1  CHAPTER 2   CHAPTER 3
```

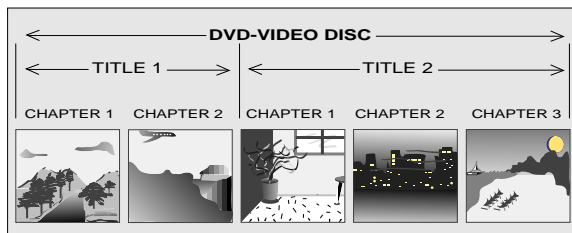### NOTE
– During play, various icons will appear on the TV screen for about 2 seconds when functions are selected. You can get rid of these icons by pressing OSD.
– At any time during play, you can press OSD to call up the Play Banner, which shows you which functions are active, for about 2 seconds. To keep the Play Banner on the screen, hold down OSD for a couple of seconds. To get rid of the Play Banner, press OSD again.

▶▶	Play **icon**	⏶1	Angle **icon**
⏸	pause **icon**	⏶0	no angle **icon**
⏹	stop **icon**	ENG	subtitle language **icon**
A-B	A-B repeat **icon**	AUDIO ENG	audio language **icon**
▶▶x2 ▶▶x8	search **icon** forward	MPEG 5.1 ch	audio sytem **icon**
◀◀x2 ◀◀x8	search **icon** backward		
▶1/2 ▶1/4 ▶1/8	slow **icon** forward	2:49:59	Remaining time of title
◀1/2 ◀1/4 ◀1/8	slow **icon** backward	7:19	Elapsed time **icon**
⟲	Repeat disc **icon**	▶	Resume **icon**
⟲T	Repeat title **icon**		
⟲C	Repeat Chapter **icon**	49:59	Total time **icon**
chapter shuffle	with chapter shuffle **icon**		
TITLE 02	Title indication		
CHAPT 004	Chapter indication		
✕	disable function **icon**		

PLAYING A TITLE

- With Autoplay on *(see Settings p.16)*, play starts when you close the disc drawer.
- With Autoplay off, press ▶ (play).

NOTE
– Some DVD-Video discs carry their own Autoplay, in which case play always starts automatically.

- The disc may invite you to select an item from a menu. If the selections are numbered, press the appropriate numerical key; if not, use the Up/Down, Left/Right keys to highlight your selection, and press OK.
- As the disc plays, the player display shows the current title and chapter, and the elapsed playing time.
- Play will stop at the end of the Title. To go on to the next Title, press ▶ (play).
- To stop play at any other time, press ■.
- You can resume play from the point at which you stopped. Press Resume.
- The Resume feature applies, not only to the disc in the player, but also to the last four discs you have played. Simply reload the disc, press Resume.

MOVING TO ANOTHER CHAPTER

When a title on a disc has more than one chapter (which you can see from the Player display), you can move to another chapter as follows:
- Press ▶▶| briefly during play to step forward to the next chapter.
- Press |◀◀ briefly during play to return to the beginning of the current chapter. Press |◀◀ briefly again to step back to the previous chapter.
- To go directly to any chapter, enter the chapter number using the numerical keys.

NOTE
– If the number has more than one digit, press the keys in rapid succession.
– For more information about chapters, see "Checking the contents of DVD-Video discs: Menus" *p. 12*.

MOVING TO ANOTHER TITLE

When a disc has more than one title (which you can see from both the OSD and the Player Display if you press ■), you can move to another title as follows:
- Press T-C, then press ▶▶| briefly during play to step forward to the next title.
- Press T-C, then press |◀◀ briefly during play to return to the beginning of the current title. Press |◀◀ briefly again to step back to the previous title.
- To go directly to any title, press T-C, then enter the title number using the numerical keys.

NOTE
– If the number has more than one digit, press the keys in rapid succession.
– For more information about titles, see "Checking the contents of DVD-Video discs: Menus" *p. 12*.

PARENTAL CONTROL

- If you activate Parental Control, only discs that you have already authorised as suitable for all ages can be played as above.
- To play any other DVD-Video disc, the OSD will ask for the Parental Control Pin Code to be entered. When this has been done, play starts automatically.
- To activate Parental Control, and to authorize discs, see Activating Parental Control *(p.16)*.

NOTE
– If you forget your pin code, you can erase it when the code is requested as above, by pressing Stop four times. Parental Control will then be de-activated. To re-activate it, see Activating Parental Control *(p.16)*.

JOG/SHUTTLE

This is a convenient way to view still pictures (Jog), and to search in slow, normal or fast motion (Shuttle). Both functions work in reverse as well as forward play.
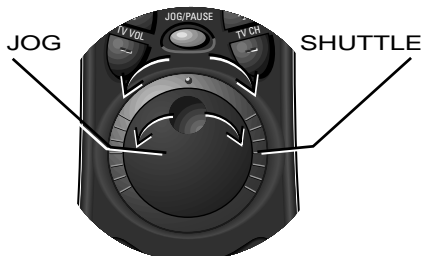- To select Jog/Shuttle, press Jog/Pause. The key lights up, and the player goes into Pause mode.

PLAYING A DVD-VIDEO DISC

Jog
• With the Shuttle ring in the center position, turn the Jog disk clockwise to view still pictures forwards, or anticlockwise to view them in reverse. Turn slowly for step frames, faster to move quickly through a sequence.

JOG   JOG/PAUSE   SHUTTLE
TV VOL   TV CH

Shuttle
• From the center position, turn the Shuttle ring clockwise for forward movement, anticlockwise for reverse. In both cases you can choose from 6 speeds: x1/8, 1/2, Normal, x2, x4 and x8 speed.
• To exit Jog/Shuttle, press Jog/Pause: the Jog/Pause key goes out.

STILL PICTURE AND STEP FRAME *(ON FRONT OF PLAYER)*
• To get a still picture, press ❚❚ during play.
• To step forward to the next picture frame, press ❚❚ again.
• To return to play, press ▶ (play).

SEARCH *(ON FRONT OF PLAYER)*
• To search forwards or backwards through the disc at 2x normal speed, press ▶▶ or ◀◀ during play.
• Search begins, and sound is muted.
  To step up to 8x normal speed, press ▶▶ or ◀◀ again.
• To go directly to 8x normal speed, hold down ▶▶ or ◀◀ until the (8x) icon appears.
• To return to 2x normal speed, press ▶▶ or ◀◀ again.
• Search speed and direction are indicated on the screen for 2 seconds each time ▶▶ or ◀◀ is pressed.
• To end the search, press ▶, ❚❚ or ■ as desired.

SHUFFLE
This shuffles the playing order of chapters within a title, if the title has more than one.
• Press Shuffle during play. The Shuffle icon appears on the screen for about 2 seconds.
• As each chapter is played, its number disappears from the track calendar.
• To return to normal play, press Shuffle again.

REPEAT CHAPTER/TITLE/DISC
• To repeat the currently-playing chapter, press Repeat: REPEAT CHAPTER appears on the player display.
• To repeat the currently-playing title, press Repeat a second time: REPEAT TITLE appears on the display.
• To repeat the entire disc, press Repeat a third time; REPEAT appears on the display.
• To exit Repeat mode, press Repeat a fourth time.

REPEAT A-B
To repeat or loop a sequence in a title:
• Press Repeat A-B at your chosen starting point; A appears on the player display.
• Press Repeat A-B again at your chosen end point; A-B appears on the display, and the repeat sequence begins.
• To exit the sequence, press Repeat A-B again.

CAMERA ANGLE
• If the disc contains sequences recorded from different camera angles, the angle icon appears, showing the number of available angles, and the angle being shown. You can then change the camera angle if you wish.
• To get another angle, press Angle. The angle icon will show the next angle.
• To go to any angle directly, enter the angle number using the numerical keys (1-9).
NOTE
– The angle icon remains on the screen unless you turn off the angle feature. You will need to do that if you want to use the numerical keys to change a title or chapter for another purpose.
• To turn off the angle feature, press OSD: the angle icon disappears.
• To turn the angle feature on again, press angle again: the angle icon reappears.

CHANGING THE AUDIO LANGUAGE AND CHANNEL CONFIGURATION
This changes the language and the audio channel configuration when alternatives are available on the disc.
• Press Audio during play. The audio language and channel configuration icons appear on the screen for 2 seconds.
• Press Audio repeatedly to step through the options. At each step, the language changes. If the sound configuration changes too (for example from multichannel to stereo) this is also indicated.

SUBTITLES
• When subtitles are available on a disc, you can turn them on by holding Subtitle down during play until the subtitles appear.
• To step through the language options, press Subtitle repeatedly.
• To turn the subtitles off, hold Subtitle down again.

SCAN
Plays the first 10 seconds of each title on the disc.
• Press Scan.
• To continue play at your chosen title, press Scan again, or press ▶ (play).

CHECKING THE CONTENTS OF DVD-VIDEO DISCS: MENUS
For Titles and chapters, selection menus may be included on the disc. The DVD's Menu feature allows you to make selections from these menus. If the selections are numbered, press the appropriate numerical key; if not, use the Up/Down, Left/Right keys to highlight your selection, and press OK
• Press Title. If the disc has a Title menu, this now appears on the OSD.
• To remove the Title menu, press Title again.
• Press Menu. If the present Title has a Root menu, this now appears on the OSD.
• The Root menu can lists camera angles, spoken language and subtitle options, and Chapters for the Title.
• To remove the Root menu, press Menu again.
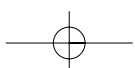
PLAYING A VIDEO CD

You will recognize Video CDs by the logo. Depending on the material on the disc (a movie, video clips, a drama series, etc.) these discs may have one or more Tracks, and tracks may have one or more Indexes, as indicated on the disc case. To make access easy and convenient, your player lets you move between Tracks, and between Indexes.

Some Video CDs have Play Back Control (PBC), which is a predefined playback sequence stored on the disc.

NOTE
– During play, various icons will appear on the TV screen for about 2 seconds to confirm that a function has been selected. You can get rid of the icon by pressing OSD.
– At any time during play, you can press OSD to call up the Play Banner, which shows you which functions are active, for about 2 seconds. To keep the Play Banner on the screen, hold down OSD for a couple of seconds. To get rid of the Play Banner, press OSD again.

►►	Play **icon**	TRACK 2	Track indication **icon**
III	pause **icon**	INDEX 004	Index indication **icon**
■	stop **icon**		
A-B	A-B repeat **icon**		Remaining time of track
►►x2 ►►x8	search **icon** forward		
◄◄x2 ◄◄x8	search **icon** backward		
►1/2 ►1/4 ►1/8	slow **icon** forward		Elapsed time **icon**
◄1/2 ◄1/4 ◄1/8	slow **icon** backward		
⟲	Repeat disc **icon**		Total time **icon**
⟲1	Repeat track **icon**		
shuffle	shuffle **icon**		

PLAYING A DISC

• With Autoplay on *(see Settings p.16)*, play starts when you close the disc drawer.
• With Autoplay off, press Play.
• As the disc plays, the player display shows the current track, and the elapsed playing time.
• Play will stop at the end of the disc.
• To stop play at any other time, press ■.
• You can resume from the point at which you stop. Press Resume.
• The Resume feature applies, not only to the disc in the player, but also to the last four discs you have played. Simply reload the disc, press Resume.

MOVING TO ANOTHER TRACK

When a disc has more than one track (which you can see from both the OSD and the Player Display if you press ■), you can move to another track as follows:
• Press T-C, then press ►I briefly during play to step forward to the next track.
• Press T-C, then press I◄ briefly during play to return to the beginning of the current tack. Press I◄ briefly again to step back to the previous track.
• To go directly to any track, press T-C, then enter the track number using the numerical keys.

NOTE
– If the number has more than one digit, press the keys in rapid succession.

MOVING TO ANOTHER INDEX

When a track has more than one index (as indicated on the disc case), you can move to another index as follows:
• Press ►I briefly during play to step forward to the next index.
• Press I◄ briefly during play to return to the beginning of the current index. Press I◄ briefly again to step back to the previous index.
• To go directly to any index enter the index number using the numerical keys

NOTE
– If the number has more than one digit, press the keys in rapid succession.

PLAYBACK CONTROL

• Load a Video CD with PBC and press ► (play). The PBC Menu appears on the TV screen.
• Go through the menu with the keys indicated on the TV screen until your chosen passage starts to play.
If a PBC menu consists of a list of titles, you can select a title directly.
• Enter your choice with the ►I / I◄ or numerical keys.
• Press ► (play) to start play of the title.
• Press Return to go back to the previous menu.

PARENTAL CONTROL

• If you activate Parental Control, only discs that you have already authorised as suitable for all ages can be played as above.
• To play any other Video CD, the OSD will ask for the Parental Control Pin Code to be entered. When this has been done, play starts automatically.
• To activate Parental Control, and to authorize discs, see Activating Parental Control *(p.16)*.
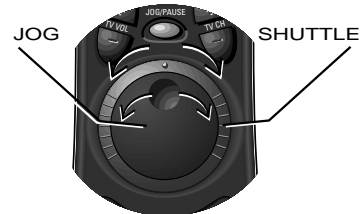
NOTE
– If you forget your pin code, you can erase it when the code is requested as above, by pressing Stop four times. Parental Control will then be de-activated. To re-activate it, see Activating Parental Control *(p.16)*.

JOG/SHUTTLE

This is a convenient way to view still pictures (Jog), and to search in slow, normal or fast motion (Shuttle). Both functions work in reverse as well as forward play.
• To select Jog/Shuttle, press Jog/Pause. The key lights up, and the player goes into Pause mode.

Jog
• With the Shuttle ring in the center position, turn the Jog disk clockwise to view still pictures forwards, or anticlockwise to view them in reverse. Turn slowly for step frames, faster to move quickly through a sequence.

Shuttle
• From the center position, turn the Shuttle ring clockwise for forward movement, anticlockwise for reverse. In both cases you can choose from 6 speeds: x1/8, 1/2, Normal, x2, x4 and x8 speed.
• To exit Jog/Shuttle, press Jog/Pause: the Jog/Pause key goes out.

STILL PICTURE AND STEP FRAME *(ON FRONT OF PLAYER)*

• To get a still picture, press II (pause) during play.
• To step forward to the next picture frame, press II (pause) again.
• To return to play, press ► (play).

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PLAYING A CD

PLAYING A VIDEO CD

SEARCH (ON FRONT OF PLAYER)

- To search forwards or backwards through the disc at 2x normal speed, press ►► or ◄◄ during play.
- Search begins, and sound is muted.
  To step up to 8x normal speed, press ►► or ◄◄ again.
- To go directly to 8x normal speed, hold down ►► or ◄◄ until the (8x) icon appears.
- To return to 2x normal speed, press ►► or ◄◄ again.
- Search speed and direction are indicated on the screen for 2 seconds each time ►► or ◄◄ is pressed.
- To end the search, press ► (play), II (pause) or ■ as desired.

SHUFFLE

This shuffles the playing order of the tracks, if the disc has more than one.
- Press Shuffle during play. The Shuffle icon appears on the screen for about 2 seconds.
- As each track is played, its number disappears from the Track Calendar.
- To return to normal play, press Shuffle again.

REPEAT TRACK/DISC

- To repeat the currently-playing track, press Repeat: REPEAT TRACK appears on the player display.
- To repeat the entire disc, press Repeat a second time; REPEAT appears on the display.
- To exit Repeat mode, press Repeat a third time.

REPEAT A-B

To repeat or loop a sequence:
- Press Repeat A-B at your chosen starting point; A appears on the player display.
- Press Repeat A-B again at your chosen end point; A-B appears on the display, and the repeat sequence begins.
- To exit the sequence, press Repeat A-B again.

SCAN

Plays the first 10 seconds of each track on the disc.
- Press Scan.
- To continue play at your chosen title, press Scan again, or press ► (play).

PLAYING A CD

Audio CDs contain music tracks only. You will recognize CDs by their logo. You can play them in conventional style using a stereo system, or via the TV using the OSD. With the OSD, you can compile FTS programs for your discs by either selecting or excluding tracks.

You can play audio CDs using the OSD or, through a stereo system only, using keys on the remote control and/or front panel.

PLAYING A DISC

- With Autoplay on, play starts when you close the disc drawer. With Autoplay off, press Play.
- The disc starts to play; if the TV is on, the CD Play screen appears on the OSD.
- Play will stop at the end of the disc. To stop play at any other time, press Stop.

PAUSE

- Press Jog/Pause during play.
- To return to play, press ► (play).

SEARCH (ON FRONT OF PLAYER)

- To search forwards or backwards through the disc at 2x normal speed, press ►► or ◄◄ during play.
- Search begins, and sound is partially muted.
- To step up to 8x normal speed, press ►► or ◄◄ again.
- Search goes to 8x speed, and the sound is muted.
- To go directly to 8x normal speed, hold down ►► or ◄◄ until the (8x) icon appears.
- To return to 2x normal speed, press ►► or ◄◄ again.
- If the TV is on, search speed and direction are indicated on the screen each time ►► or ◄◄ is pressed.
- To end the search, press ► (play), II (pause), or ■ as desired.

SHUTTLE

This is a convenient way to search in fast motion. The function work in reverse as well as forward search.

- To select Shuttle, press Jog/Pause. The key lights up, and the player goes into Pause mode.
- From the center position, turn the Shuttle ring clockwise for forward movement, anticlockwise for reverse. In both cases you can choose from 2 speeds: x2 and x8 speed.
- To exit Shuttle, press Jog/Pause: the Jog/Pause key goes out.

MOVING TO ANOTHER TRACK

- Press ►I briefly during play to step forward to the next track.
- Press I◄ briefly during play to return to the beginning of the current track. Press I◄ briefly again to step back to the previous track.
- To go directly to any track, enter the track number using the numerical keys.

SHUFFLE

- Press Shuffle during play. The order of the tracks is changed.
- As each track is played, its number disappears from the player display.
- To return to normal play, press Shuffle again.

REPEAT TRACK/DISC

- To repeat the currently-playing track, press Repeat: REPEAT TRACK appears on the display.
- To repeat the entire disc, press Repeat a second time; REPEAT appears on the display.
- To exit Repeat mode, press Repeat a third time.

REPEAT A-B

To repeat or loop a sequence:
- Press Repeat A-B at your chosen starting point; A appears on the display.
- Press Repeat A-B again at your chosen end point; A-B appears on the display, and the repeat sequence begins.
- To exit the sequence, press Repeat A-B again.

SCAN

Plays the first 10 seconds of each track on the disc.
- Press Scan.
- To continue play at your chosen track, press Scan again, or press ► (play).
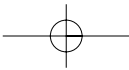
SETTINGS

PLAYING A CD

FTS (Favorite Track Selection)

NOTE
– FTS Favourite Track Selections can only be compiled with OSD On.

If Auto FTS is set to on *(see Settings P. 16)*, play of the FTS program starts immediately. If not:
• Press FTS; FTS lights up on the player display.
• Press Play.
• To change to normal play, press FTS again.

Compiling an FTS program

On this player, FTS programs can be compiled by selecting the tracks you want to play ("Track Selection") or by excluding the tracks you don't want to play ("Exclude Tracks").

To exclude tracks:
• Load a disc and go to Stop mode.
• press <.
• Use the < or > key to move to the first track number you want to exclude.
• Press the ▼ key.

• Exclude further track numbers in the same way.
• If you change your mind, you can re-include any track number by moving back to it and pressing the ▲ key.
• To clear your whole selection and start again, press ■.

To select Tracks:
• Load a disc and go to Stop mode.
• Press >.
• Use the < or > key to move to the first track number you want to select.
• Press the ▲ key.
• Select further track numbers in the same way. If you change your mind, you can de-select track numbers in reverse order by pressing the ▼ key as required.
• To clear your whole selection and start again, press ■.

When your FTS program is complete, press play to start play, or Return to go back to Stop mode. In either case, the FTS program will be automatically memorized.
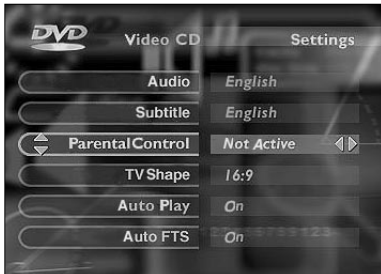
NOTE
– You can have a total of at least 100 FTS programmed discs. If you excees that number, the least frequently played program(s) are automatically deleted.

SETTINGS

In the settings menu, you can customize your player to suit your own particular requirements.

In Stop mode:
• Press Setup to obtain the Settings screen.

• Move to the function you want to change using ▲/▼, then use < /> to scroll to your preferred option.

• To exit Settings menu, press Return or Setup.

AUDIO:

The sound will be in the language you choose provided this is available on the disc in play. If not, speech will revert to the first spoken language on the disc.
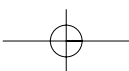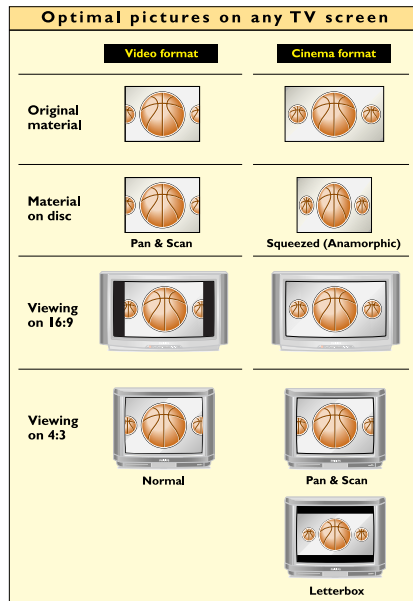
SUBTITLE :

The subtitles will be in the language you choose provided this is available on the disc in play. If not, subtitles will revert to the first subtitle language on the disc.
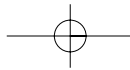
PARENTAL CONTROL:

This is described separately under 'Parental Control' *p. 16*.

TV SHAPE:

Factory setting wide screen (16:9). If you have a regular (4:3) TV, you can choose Letterbox for a 'wide-screen' picture with black bars top and bottom, or Pan Scan, for a full-height picture with the sides trimmed. If a disc has Pan Scan, the picture then moves (scans) horizontally to keep the main action on the screen.

Optimal pictures on any TV screen

	Video format	Cinema format
Original material		
Material on disc	Pan & Scan	Squeezed (Anamorphic)
Viewing on 16:9		
Viewing on 4:3	Normal	Pan & Scan
		Letterbox

PARENTAL CONTROL

SETTINGS

AUTOPLAY:

Factory setting On means that discs start to play automatically when loaded. Set to Off if you prefer to start play manually.

AUTO FTS:

Factory setting On means that when a disc with an FTS program (see 'Compiling an FTS Program' *p. 15*) is loaded, the FTS program automatically starts to play. Set to Off if you prefer to control FTS play manually.

VIDEO SHIFT:

Factory setting is such that the video will be centered on your screen. Use this setting to personalize the position of the picture on your TV by scrolling it to the left or right.

DIGITAL OUTPUT:

Factory setting Off means that there is no audio signal at the digital output. If you are connecting equipment with a digital input, change the setting to on.
If your equipment doesn't incluid a digital decoder, (e.g. digital speakers) set the digital output to PCM.

OSD LANGUAGE:

The player's on-screen display will be in the language you choose.

ACTIVATING PARENTAL CONROL

This can only be done in Stop mode.
• Press Setup to obtain the Settings menu.
• Move to Parental Control using the (up/down) keys.
• Press < or > to change Parental Control to Active.
• You will be asked to enter a 4-digit pin code of your own choice, and then to confirm your choice.
• This code must then be entered to play any DVD-Video or Video CD disc, unless you have previously authorized the disc as suitable for all ages.
• To de-activate Parental Control repeat the above procedure.

Authorizing discs
1 Load the disc you wish to authorize and close the tray
2 The OSD will ask for your pin code.
   Enter your pin code.
3 Go to Stop, press ■.
4 Select Parental Control on the OSD by pressing >: the OSD will ask you to enter your pin code.
5 The disc is now authorized, and will play in the normal way, without the pin code.
   To cancel your authorization, repeat steps 4 and 5.

NOTE
– You can have a total of 50 authorized discs. If you exceed that number, the least frequently played disc(s) are automatically de-authorized.
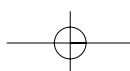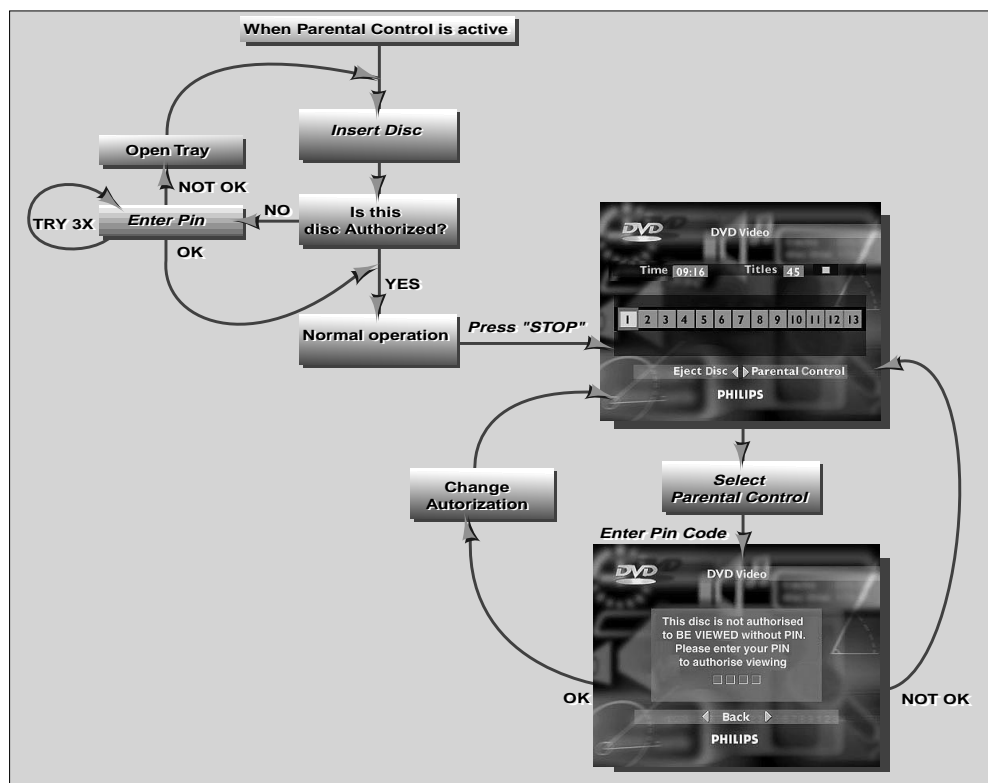
BEFORE REQUESTING SERVICE

If it appears that the DVD-Video player is faulty, first consult this checklist.
It may be that something simple has been overlooked.
Under no circumstances attempt to repair the system yourself; this will invalidate the warranty.

Look for the <u>specific</u> symptom(s). Then perform only the actions listed to remedy the specific symptom(s).

SYMPTOM   **REMEDY**

No power......................• Check if the ON/OFF button *(1)* on the front of the player is set to on.
• Check if both plugs of the mains cord are properly connected.
• Check if there is power at the AC outlet by plugging in another appliance.

No picture....................• Check if the TV is switched on.
• Select the same channel and source on the TV as on the player.
• Check the video connection.

Distorted picture ....• Check the disc for fingerprints and clean with a soft cloth, wiping from centre to edge.
• Sometimes a small amount of picture distortion may appear .This is not a malfunction.

Completely distorted picture with player menu..................• NTSC/PAL switch in wrong position.

No colour in picture with player menu ....• NTSC/PAL switch in wrong position.

Disc can't be played .....• Ensure the disc label is upwards.
• Clean the disc.
• Check if the disc is defective by trying another disc.

No sound ....• Check audio connections.
• If using a HiFi amplifier, try another sound source.

Distorted sound from HiFi amplifier ....• Check to make sure that no audio connections are made to amplifier phono input.

No return to start-up screen when disc is removed ....• Reset by switching the player OFF, then ON again.
• Check to see if the program requires another disc to be loaded.

The player does not respond to the remote control ....• Aim the remote control directly at the sensor on the front of the player
• Avoid all obstacles which may interfere with the signal path.
• Inspect or replace the batteries.

Distorted or B/W picture with DVD or Video CD disc..........................• The disc format is not according to the TV-set used (PAL/NTSC)

SYMPTOM   **REMEDY**

No audio at digital output ....• check the digital connections
• Check the settings menu to make sure that the digital output is set to on.
• Check if the audio format of the selected audio language matches your receiver capabilities.

Buttons do not work ....• Turn the player OFF and ON with the power ON/OFF button *(1)* on the front of the player.

Cleaning Discs

Some problems occur because the disc inside the player is dirty.
To avoid these problems clean your discs regularly, in the following way:

• When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.
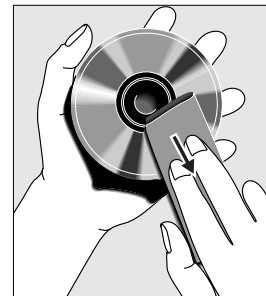
CAUTION
DO NOT USE SOLVENTS SUCH AS BENZINE, THINNER, COMMERCIALLY AVAILABLE CLEANERS, OR ANTI-STATIC SPRAY INTENDED FOR ANALOG DISCS.

OTHER INFORMATION
If the player remains faulty you can start the Diagnosic Program in the player.
How does the Diagnosic Program works:
You can operate the Diagnosis Program by following the intructions step by step.

Instructions:
1 Switch the player off with the ON/OFF button.
2 Press the OPEN/CLOSE and PAUSE button simultaneously and keep them pressed while you switch on the recorder with the ON/OFF button.
3 On the display appears the message: BUSY together with a counter. This counter indicates the termination of the test when zero is reached
4 After a few minutes the message on the local display changes over from BUSY into Error or into PASS.
5 When the message Error appears on the display there is apparently a failure in your player and your player has to be repaired.
6 Consult your dealer or the Philips Consumer Information Centre (CIC) for the nearest Service Repair Shop in you country. The phone number of the CIC is mentioned in your warranty booklet.
7 When the message PASS appears on the display there is apparently no failure in your player in this case the failure can be caused by a wrong interpretation of the operating instructions or a wrong disc is used or your player is not correctly connected.
In this case you can consult your dealer or the Philips Consumer Infrormation Centre for further assistance in solving the problem.
8 When the problem remains then go to point 6 of this instuction for finding the nearest repair shop.
9 Switch the player off with the ON/OFF button to leave the Diagnostic Program.

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