

Philips DVD-Video player



# Superb Picture Quality

## PICTURE QUALITY

- *Chroma upsampling to prevent bleeding of colors*
- *Enhanced Smart Picture with Monitor Type Selector*
- *High quality digital zoom*
- *RGB on Scart: highest quality video connection*



## SOUND QUALITY

- *Subwoofer output for extra bass effect*
- *3D sound: surround sound for stereo systems*
- *Digital coaxial and optical outputs: highest quality audio connection*

## GREAT CONVENIENCE

- *Plays DVD-Video, VCD, SVCD, MP3-CD, CD-R/CD-RW, CD Audio discs*
- *CD-text*



*Let's make things better.*



**PHILIPS**



# DVD-Video player

## Technical specifications DVD 723

### Playback system

- DVD-Video
- Video CD (VCD)
- SVCD
- MP3-CD<sup>1</sup>
- CD (CD-R and CD-RW)<sup>1</sup>

### Optical read-out system

- Laser type Semiconductor AlGaAs
- Numerical Aperture 0.60 (DVD)  
0.45 (VCD/SVCD/CD)
- Wavelength 650 nm (DVD)  
780 nm (VCD/SVCD/CD)

### DVD disc format

- Medium Optical disc
- Diameter 12 cm (8 cm)
- Playing time (12cm)
 

One layer	2.15 h <sup>2</sup>
Dual layer	4 h <sup>2</sup>
Two side, single layer	4.30 h <sup>2</sup>
Two side, dual layer	8 h <sup>2</sup>

### TV standard

- |                   | PAL                       | NTSC         |
|-------------------|---------------------------|--------------|
| • Number of lines | 50 Hz<br>625              | 60 Hz<br>525 |
| • Playback        | Multi standard (PAL/NTSC) |              |

### Video format

- Digital compression MPEG 2 for DVD, SVCD  
MPEG 1 for VCD

DVD	50Hz	60Hz
Horiz. resolution	720 pixels	720 pixels
Vertical resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horiz. resolution	352 pixels	352 pixels
Vertical resolution	288 lines	240 lines

### Video performance

- RGB output 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
- Black Level Shift On/off
- Video Shift Left/right

### Audio format

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

- Analog sound stereo
- Dolby surround compatible downmix from Dolby Digital multi-channel sound
- 3D sound for virtual 5.1 channel sound on 2 speakers

### Audio performance (typical)

	24 bits	
DVD	Fs 96 kHz Fs 48 kHz	4 Hz- 44 kHz 4 Hz- 22 kHz
CD/Video CD	Fs 44.1 kHz	4 Hz- 20 kHz
S-Video CD	Fs 48 kHz Fs 44.1 kHz	4 Hz- 22 kHz 4 Hz- 20 kHz

- Signal-noise (1kHz) 105 dB
- Dynamic Range (1kHz) 100 dB
- Crosstalk (1kHz) 105 dB
- Distortion/noise (1kHz) 97 dB
- MPEG MP3 MPEG Audio L3

### Connections

- Scart Euro connector 1x
- Video output Cinch (yellow)
- S-Video output Mini Din, 4-pins
- Audio L+R output Cinch (white/ red) 2x
- Subwoofer output Cinch (black)
- Digital Output 1 coaxial, 1 optical  
IEC958 for CDDA/LPCM  
IEC1937 for MPEG 1/2,  
Dolby Digital

### Power supply

- Power inlet 230 V, 50 Hz
- Power usage Approx. 14 watt
- Power usage standby Less than 3 watt

### Cabinet

- Dimension 435 x 75 x 302 mm  
(w x h x d)
- Weight Approx. 2.8 kg

### Package contents

- DVD-video player
- Remote control with batteries
- User manual
- Audio cable
- Scart cable
- Video cable

### General functionality

- Stop/ play/ pause
- Fast forward/ backward
- Step forward/ backward
- Slow motion
- Shuffle Scan
- Title/ chapter/ track select
- Skip next/ skip previous
- Repeat (**Chapter**/ title/all) or (Track/all)
- A-B repeat, shuffle & scan
- Zoom (x1.33, x2, x4) with picture enhancement
- 3D sound
- Screen saver (dim 75% after 15 min.)
- Virtual Jog Shuttle
- Audio and video bit rate indicator
- Enhanced Smart Picture with Monitor Type Selector
- CD Text
- Subwoofer output
- Resume (5 discs) after stop/ standby<sup>3</sup>
- Parental control and disc lock (120 disc)
- Programming Titles / chapters or track with Favorite Track Selection (FTS)
- NTSC / PAL conversion
- Smart power off for better energy saving

### DVD functionality

- Multi-angle selection
- Audio selection (1 out of max. 8 languages)
- Subtitles selection (1 out of max. 32 languages)
- Aspect ratio conversion (16:9, 4:3 letterbox, 4:3 Pan Scan)
- Disc Menu support (title menu and root menu)

### Video CD functionality

- Playback control for VCD 2.0 discs

### SVCD functionality

- Playback control as per SVCD standard
- Audio Selection (1 out of max. 4 languages)

### MP3 functionality

- Time display (Track)
- Album and track selection
- Repeat (**disc / album / track**)
- Nested directory levels supported to 8 levels
- Max. album numbers possible is 32
- Max. MP3 Tracks Programmable is 99
- Max. Number of Tracks 999

1 Applicable for single session finalised disc only.

2 Typical playing time for movie with 2 spoken languages and 3 subtitle languages.

3 Applicable only for DVD, VCD, SVCD discs.