

Philips DVD-Video player



# Home Cinema

## PICTURE QUALITY

- Chroma upsampling to prevent bleeding of colors
- Enhanced Smart Picture with Monitor Type Selector
- High quality digital zoom

## 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

- Cinemalink: one touch Home Cinema control
- Plays DVD, CD, CD-R/CD-RW, MP3-CD, VCD and S-VCD
- CD-Text
- Double Scart



Let's make things better.



PHILIPS

# DVD-Video player



## Technical specifications DVD 743

### 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

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

### 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 and variable bit rate fs 32, 44.1, 48kHz

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

### Video format

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

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

### Audio performance (typical)

- D/A converter 24 bits
- |              |             |              |
|--------------|-------------|--------------|
| DVD:         | Fs 96 kHz   | 4 Hz- 44 kHz |
|              | Fs 48 kHz   | 4 Hz- 22 kHz |
| CD/Video CD: | Fs 44.1 kHz | 4 Hz- 20 kHz |
| S-Video CD:  | Fs 48 kHz   | 4 Hz- 22 kHz |
|              | Fs 44.1 kHz | 4 Hz- 20 kHz |
- Signal-noise (1kHz) 105 dB
  - Dynamic Range (1kHz) 100 dB
  - Crosstalk (1kHz) 105 dB
  - Total harmonic distortion (1kHz) 91 dB
  - MPEG MP3 MPEG audio layer3

### Video performance

- RGB output 0.7Vpp into 75 ohm
- S-Video output Y: 1Vpp into 75 ohm  
C: 0.3Vpp into 75 ohm
- Video output 1Vpp into 75 ohm
- Black Level Shift On/off
- Video Shift Left/right

### Connections

- SCART Euroconnector 2x
- S-Video output Mini DIN, 4 pins
- Video output Cinch (yellow)
- 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. 17 watt
- Power usage standby less than 4 watt

### Cabinet

- Dimension 435 x 77.5 x 303.5 mm  
(w x h x d)
- Weight Approx. 2.8 kg

### Package contents

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

### General functionality

- Stop / play / pause
- Fast forward / backward
- Step forward / backward
- Slow motion
- 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
- Cinemalink
- Subwoofer output
- Enhanced smart picture with Monitor type selector
- CD Text
- 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. albums possible is 32
- Max. number of tracks is 999

<sup>1</sup> Applicable for finalised single session discs only.

<sup>2</sup> Typical playing time for movie with 2 spoken languages and 3 subtitle languages.

<sup>3</sup> Applicable only for DVD, VCD, SVCD discs