

Philips DVD-Video player



# DVD-Video/CD player

## PICTURE QUALITY

- **Smart Picture** : personalised colour settings
- **High quality digital zoom** on play and pause
- **RGB on scart**: highest quality video connection

## SOUND QUALITY

- **Digital coaxial audio output**
- **3D sound**: surround sound for stereo systems

## GREAT CONVENIENCE

- **Plays DVD, CD, CD-R/CD-RW, VCD and S-VCD**
- **Disc Lock** for enhanced parental control



*Let's make things better.*



**PHILIPS**



# DVD-Video player

## Technical specifications DVD 623

### Playback system

- DVD-Video
- Video CD
- SVCD
- 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 | 625                       | 525  |
| • Playback        | Multi standard (PAL/NTSC) |      |

### 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

### Video performance

- RGB output 0.7Vpp into 75 ohm
- Video output 1Vpp into 75 ohm
- Black Level Shift On/off
- Video Shift Left/right

### Audio format

- Digital
 

Mpeg/Dolby Digital/ PCM	Compressed Digital, 16, 20, 24 bits fs, 44.1, 48, 96 kHz
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- 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)

- D/A converter 24 bits
- |           |             |               |
|-----------|-------------|---------------|
| DVD:      | Fs 48 kHz   | 4 Hz - 22 kHz |
| CD:       | Fs 44.1 kHz | 4 Hz - 20 kHz |
| Video CD: | Fs 48 kHz   | 4 Hz - 22 kHz |
| SVCD:     | Fs 48 kHz   | 4 Hz - 22 kHz |
|           | Fs 44.1 kHz | 4 Hz - 20 kHz |

- Signal-noise (1kHz) 110 dB
- Dynamic Range (1kHz) 93 dB
- Crosstalk (1kHz) 100 dB
- Distortion/noise (1kHz) 90 dB

### Connection

- Scart Euroconnector 1x
- Video output Cinch (yellow)
- Audio L+R Output Cinch (white/ red)
- Digital Output 1 coaxial, IEC958 for CDDA/LPCM IEC1937 for MPEG 1/2, AC-3

### Power supply

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

### Cabinet

- Dimension 435 x 82 x 210.5 mm (w x h x d)
- Weight Approx. 2.2 kg

### Package contents

- DVD-video player
- Remote control (RC19133005) with batteries
- User manual
- 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
- 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)

1 Applicable for multi-session finalised disc also.

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

3 Applicable only for DVD, VCD, SVCD discs.