

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*
- *Disc Resume: 5 disc bookmark*



Let's make things better.



PHILIPS



DVD-Video player

Technical specifications DVD 620

Playback system

- DVD-Video
- Video CD
- SVCD
- CD (CD-R and CD-RW)¹

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 ²
Dual layer	4 h ²
Two side, single layer	4.30 h ²
Two side, dual layer	8 h ²

TV standard

- Number of lines
- Playback

PAL	NTSC
50 Hz	60 Hz
625	525
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
- 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)

	Fs	48 kHz	4 Hz - 22 kHz
DVD:	Fs	44.1 kHz	4 Hz - 20 kHz
CD:	Fs	48 kHz	4 Hz - 22 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 (RC19133001) 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/ standby³
- 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. (First session only)

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

3 Applicable only for DVD, VCD, SVCD discs.