

Philips DVD-Video Player DVD 621



Component Video Output

- DVD and Audio CD playback
- Component, Composite, and S-Video outputs for superior picture quality
- 96kHz/24 bits audio DAC for high audio quality output
- High speed scan & slow with smooth scan
- Zoom while play
- Digital Audio output (PCM / MPEG 2 / Dolby Digital / DTS)
- TruSurround * 3D Sound for stereo analog out
- Graphical user interface for easy operation



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PHILIPS

DVD-Video player



Technical specifications DVD 621

Playback system

- DVD-Video
- DVD+RW
- CD

Optical read-out system

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

DVD disc format

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

One layer	2.15 h ¹
Dual layer	4 h ¹
Two side, single layer	4.30 h ¹
Two side, dual layer	8 h ¹

(12cm)

TV standard NTSC

- Number of lines 60Hz
525
- Playback NTSC only

Video format

- D/A converter 10 bits
- Signal handling Components
- Digital compression MPEG 2 for DVD

DVD	60Hz
Horiz. resolution	720 pixels
Vertical resolution	480 lines

Video performance

- Component video output Y: 1 Vpp into 75 ohm
PrPb: 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

Audio format

- Digital

Mpeg/AC-3/ DTS PCM	Compressed Digital, 16, 20, 24 bits fs, 44.1, 48, 96 kHz
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- Analog sound stereo
- Dolby Surround 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 96 kHz | 4 Hz- 44 kHz |
| | Fs 48 kHz | 4 Hz- 22 kHz |
| CD: | Fs 44.1 kHz | 4 Hz- 20 kHz |

- Signal-noise (1kHz) 100 dB
- Dynamic Range (1kHz) 96 dB
- Crosstalk (1kHz) 110 dB
- Distortion/noise (1kHz) 88 dB

Connection

- Y Output Cinch (green)
- Pb Output (Cb) Cinch (blue)
- Pr Output (Cr) Cinch (red)
- S-Video output Mini DIN, 4-pins
- Video output 1x Cinch (yellow)
- Audio L+R Output 1x Cinch (white/ red)
- Digital Output 1 coaxial, 1 optical
IEC958 for CDDA/LPCM
IEC1937 for MPEG 1/2,
AC-3, DTS

Power supply

- Power inlet 120V, 60 Hz
- Power usage 20 watt
- Power usage standby less than 5 watt

Cabinet

- Dimension 435 x 84 x 211 mm
(w x h x d)
- Weight Approx. 2.2 kg

Package contents

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

General functionality

- Stop/ play/ pause
- Fast forward/ backward
- Time search
- Step forward/ backward
- Slow motion (Forward only)
- Title/ chapter/ track select
- Skip next/ skip previous
- Repeat (Chapter/ title/ all) or (Track/ all)
- A-B repeat
- Enhanced ease of use graphical interface
- Zoom (x4)
- Screen saver
- 3D Sound

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)
- Parental control
- Disc Menu support (title menu and root menu)
- Resume
- Programming titles/ chapters

Audio CD functionality

- Time display (total/ track/ remaining track time)
- Full audio functionality with remote control
- Programming with favorite track selection

¹ Typical playing time for movie with 2 spoken languages and 3 subtitle languages.

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