

Philips DVD-Video Player DVD 972C



Progressive Scan Output

- 5 Discs Changer
- DVD / SVCD / Video CD / Audio CD / HDCD / MP3 / CD-R / CD-RW playback
- Zoom while play
- 96kHz/24 bits Audio DAC for high audio quality output
- High Speed Scan & Slow
- Digital Audio output (PCM / MPEG 2 / Dolby Digital / DTS)
- 3D Surround Sound on stereo analog out
- 9 Marker positions to recall your favorite scenes
- Optical & coaxial digital audio output (PCM / MPEG 2 / Dolby Digital / DTS)
- Component, Composite, and S-Video outputs
- Graphical user interface for easy operation
- Dolby Digital Decoder Built-in



Let's make things better.



PHILIPS

DVD-Video player



Technical specifications DVD 972C

Playback system

- DVD-Video
- Video CD & SVCD
- CD (CD-R and CD-RW)
- DVD+RW
- MP3

Optical read-out system

- Laser type FDA CFR21
- Numerical Aperture 0.60 (DVD)
0.43 (VCD/CD)
- Wavelength 650 nm (DVD)
780 nm (VCD/CD)

DVD disc format

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

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

TV standard

- TV standard **NTSC**
- Number of lines 60Hz
- Playback 525
Multi standard (PAL/NTSC)

Video format

- D/A converter 10 bits
- Signal handling Components
- Digital compression MPEG 2 for DVD
MPEG 1 for VCD

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

Video performance

- Progressive Scan 3:2 Pulldown capable
- Component video output Y: 1 Vpp into 75 ohm
PrPb: 0.7Vpp into 75 ohm
- Video output 1 Vpp into 75 ohm
- S-Video Output Y: 1 Vpp into 75 ohm
C: 0.3Vpp into 75 ohm

Audio format

- Digital

Mpeg/AC-3/ DTS PCM	Compressed Digital, 16, 20, 24 bits fs, 44.1, 48, 96 kHz
-----------------------	--
- Analog sound stereo
- Dolby Pro Logic downmix from Dolby Digital multi-channel sound
- 3D 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 |
| Video CD: | Fs 44.1 kHz | 4 Hz- 20 kHz |
| CD: | Fs 44.1 kHz | 4 Hz- 20 kHz |
| SVCD: | Fs 44.1 kHz | 4 Hz- 20 kHz |
| | Fs 48 kHz | 4 Hz- 22 kHz |

- Signal-noise (1kHz) 100 dB (w/ A Filter)
- Dynamic Range (1kHz) 95 dB (w/ A Filter)
- Crosstalk (1kHz) 90 dB (w/ A Filter)
- Distortion/noise (1kHz) 0.008 dB (w/ A Filter)

Connection

- Progressive Scan (on Y Pb Pr)
- Y Output Cinch (green)
- Pb Output (Cb) Cinch (blue)
- Pr Output (Cr) Cinch (red)
- S-Video output Mini DIN, 4-pins
- Video output Cinch (yellow)
- Audio L+R Output Cinch (white/ red)

6 Channel Analog Output

- Audio Front Left/Right Cinch (white/red)
- Audio Surr. Left/Right Cinch (white/red)
- Audio Centre Cinch (black)
- Audio Subwoofer Cinch (black)
- 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 18 watt
- Power usage standby less than 3 watt

Cabinet

- Dimension 430 x 118 x 381 mm
(w x h x d)
- Weight Approx. 5.7 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
- Title/ chapter/ track select
- Skip next/ skip previous
- Repeat (Chapter/ title/ all) or (Track/ all)
- A-B repeat
- Random (Shuffle)
- Enhanced ease of use graphical interface
- Zoom
- Screen saver
- 3D Surround 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 (1 discs) after stop/ standby

Video CD functionality

- Playback control for VCD 2.0 discs
- Resume (1 discs) after stop/ standby
- Programming tracks (PBC Off)

Audio CD functionality

- Time display (Track)
- Full audio functionality with remote control
- Programming with favorite track selection

MP-3 functionality

- Time display (Track)

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

Dolby Prologic is trademark of Dolby Laboratories Licensing Inc. Specifications subject to change without prior notice. 972C-USA

Let's make things better.



PHILIPS