

Philips DVD-Video Player DVD 702



## Digital Audio output

- DVD / SVCD / Video CD / Audio CD / CD-R / CD-RW / MP3 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



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**PHILIPS**

# DVD-Video player



## Technical specifications DVD 702

### 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 <sup>1</sup>
Dual layer	4 h <sup>1</sup>
Two side, single layer	4.30 h <sup>1</sup>
Two side, dual layer	8 h <sup>1</sup>

### TV standard NTSC

- Number of lines 60Hz  
525
- Playback 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

- 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 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

- 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)
- 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 88 x 215 mm  
(w x h x d)
- Weight Approx. 3.2 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
- 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)

<sup>1</sup> Typical playing time for movie with 2 spoken languages and 3 subtitle languages.

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