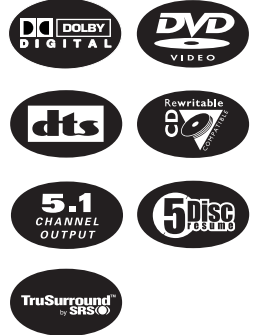


Philips DVD-Video/SACD Player



Multi-Channel SACD player

- 6-channel analog output for SACD and Dolby Digital™
- SACD bass management
- Dual Laser optical pickup unit for optimum CD-R and CD-RW playback
- Audiophile grade audio circuitry for crystal clear sound
- Audio Direct mode for purer CD and SACD playback
- 96kHz/24bits audio digital output for PCM
- TruSurround™ by SRS for 2 channel Stereo output
- Component, Composite, and S-Video outputs
- Optical & Coaxial Digital Audio output (PCM / MPEG 2 / Dolby Digital / DTS)
- Gold plated A/V connectors



Let's make things better.



PHILIPS

DVD-Video/SACD player



Technical specifications SACD 900A

Playback system

- SACD multi-channel
- SACD Stereo
- DVD-Video
- Video CD
- S-Video CD
- CD (CD-R and CD-RW)¹
- DVD+RW and DVD-R

Optical read-out system

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

SACD disc format

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

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

- | | | |
|-------------------|---------------------------|-------------|
| | PAL | NTSC |
| | 50 Hz | 60 Hz |
| • Number of lines | 625 | 525 |
| • Playback | Multi-standard (PAL/NTSC) | |

Audio format

- Digital

DSD	Uncompressed 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
- Full decoding of Dolby Digital multi-channel surround sound
- 3D Sound for virtual 5.1 channel sound on 2 speakers

Video format

- Digital compression MPEG 2 for DVD, SVCD
MPEG 1 for VCD

	50Hz	60Hz
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

SACD audio performance

D/A converter	DSD	
SACD:	fs 2.8224Mhz	DC - 100kHz
Max. output voltage (OdB)	2V rms	
Channel unbalance	<0.5 dB	
Cut-off frequency	40kHz	

- Signal-Noise (1kHz) 110 dB
- Dynamic Range (1kHz) 105 dB
- Crosstalk (1kHz) 110 dB
- Total harmonic distortion (1kHz) 100 dB

Video performance

- Video output 1 Vpp into 75 ohm
- S-Video Output Y: 1 Vpp into 75 ohm
C: 0.3 Vpp into 75 ohm
CrCb: 0.7 Vpp into 75 ohm
- YUV output Y: 1 Vpp into 75 ohm
- Black Level Shift On/off
- Video Shift Left/right

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 48 kHz | 4 Hz- 22 kHz |
| S-Video CD | Fs 44.1 kHz | 4 Hz- 20 kHz |

- Signal-Noise (1kHz) <100 dB
- Dynamic Range (1kHz) <95 dB
- Crosstalk (1kHz) <105 dB
- Distortion/ noise (1kHz) <92 dB

Connections

- Y output Cinch (green)
- U (Cb) Output Cinch (blue)
- V (Cr) output Cinch (red)
- Video Output Cinch (yellow) 2x
- Audio L+R output Cinch (white/ red)
- S-Video output Mini DIN, 4 pins

6 Channel analog output

- Audio Front L/R Cinch (white/ red)
- Audio Surround L/R Cinch (white/ red)
- Audio Center Cinch (blue)
- 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 110V-240V, 50/60 Hz
- Power usage Approx. 20 watt
- Power usage standby Less than 3 watt

Product

- Dimension 17 x 3.9 x 12.6 inches (w x h x d)
- Weight Approx. 9.25 lbs

Carton

- Dimension 20.5 x 8.2 x 15.75 inches (w x h x d)
- Weight Approx. 11.26 lbs

UPC 0 37849 92085 5

Package contents

- DVD-video player
- Remote control with batteries
- AC power cord
- User manual
- Video /Audio cable
- S-Video 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.)
- 5.1 Channels user defined speaker settings
- Virtual Jog Shuttle
- Audio and video bit rate indicator
- Audio Direct Mode
- SACD bass management

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 and disc lock
- Disc Menu support (title menu and root menu)
- Resume (5 discs) after stop/ standby
- Programming titles/ chapters with favorite selection

Video CD, SVCD functionality

- Playback control for VCD 2.0 discs
- Parental control and disc lock
- Resume (5 discs) after stop/ standby
- Programming tracks with favorite selection

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

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