



Super Audio CD player

- **Multichannel Super Audio CD player**
- **SACD / DVD-Video / SVCD / Video CD / CDDA / CD-R / CD-RW playback**
- **DSD / AC-3 / MPEG2 decoder built in (5.1 Channel output)**
- **Optical and Coaxial Digital Audio output (PCM / MPEG2 / AC-3 / DTS)**
- **Differential High Quality Digital to Analog Conversion**
- **Separate Audio and Video Circuit**
- **Separate Power Supply units**
- **Linear Toroide Transformer**
- **Dual Laser optical pickup unit**
- **Aluminum front**
- **Dolby Surround for analog out**
- **Universal Remote Control**
- **Enhanced ease of use graphical interface**
- **Parental Control and Disc Lock**
- **Multi system Video out**
- **Smart Picture (Scart only)**
- **Slow motion**
- **Screen saver**



Let's make things better.



PHILIPS



Super Audio CD player

Playback System

- SACD stereo
- SACD Multichannel
- SACD Hybrid
- DVD-Video
- S-Video CD (also CD-R and CD-RW)
- Video CD (also CD-R and CD-RW)
- Audio CD (also CD-R and CD-RW)

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	12cm (8cm)
Playing time (12cm)	
One layer	2.15h ¹
Dual layer	4h ¹
Two side, single layer	4.30h ¹
Two side, dual layer	8h ¹

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

TV Standard PAL NTSC

Scan Frequency	50Hz	60Hz
Number of lines	625	525
Playback	Multi-standard	

Audio Format

Playback	DSD	Analog only
	MPEG, AC-3, DTS	Compressed Digital
	PCM	16, 20, 24 bit fs 48, 96 kHz

Analog stereo & Dolby Surround.
3D, Sound for DVD virtual 5-channel sound on 2 speakers

Audio Performance

SACD		
Bandwidth	Filter On	2Hz-50KHz
Bandwidth	Filter Off	2Hz-100KHz
Signal/Noise	1Khz	>117dB
Dynamic range	1Khz	>114dB
Crosstalk	1Khz	<-125dB
Distortion	1Khz	<-98dB

DVD	fs 96 kHz	4 Hz – 44 kHz
	fs 48 kHz	4 Hz – 22 kHz
Video CD	fs 48 kHz	4 Hz – 22 kHz
Audio CD	fs 44.1 kHz	4 Hz – 20 kHz
Signal/Noise	1Khz	>114dB
Dynamic range	1Khz	>105 dB
Crosstalk	1Khz	<-100 dB
Distortion	1Khz	< -96dB

Video Format

Digital Compression	MPEG2 for DVD MPEG1 for VCD	
DVD-VIDEO	50Hz	60Hz
Horiz. Resolution	720 pixels ²	720 pixels ²
Vertical Resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horiz. Resolution	352 pixels	352 pixels
Vertical Resolution	288 lines	240 lines

2)Equivalent to 500 lines on your TV

Video Performance

Video Output	1 Vpp into 75 ohm
S-Video Output	Y: 1 Vpp into 75 Ohm C: 0.300 Vpp into 75 Ohm
RGB Output ^{Europe only}	0.7 Vpp into 75 ohm
YUV Output ^{USA/Asia only}	Y: 1 Vpp into 75 Ohm CrCb: 0.7 Vpp into 75Ohm

Rear Connections

High Quality Audio Outputs	
Audio Left	Cinch ³
Audio right	Cinch ³
Audio Left Surround	Cinch ³
Audio Right Surround	Cinch ³
Audio Center	Cinch ³
Audio Subwoofer	Cinch ³

SCART ^{Europe only}	2 Euroconnector
Y,U,V output ^{USA/Asia only}	3 x Chinch ³
S-Video Output	Mini DIN 4-pin
Video Output	Cinch ³
Audio L/R Output	Cinch ³
Digital Audio Output	1 coaxial, ³ 1 optical IEC958 for CDDA / LPCM IEC1937 for MPEG2, AC-3 DTS

Mains
³) gold plated

General Functionality

- Play / Stop / Pause
- Fast Forward/Backward (3-speed)
- Next / Previous Title / Track / Chapter
- Title / Track Select
- Repeat (Track / All) or (Chapter / Title / All)
- Screen Saver (Dim 75% after 15 min.)
- Intro Scan
- Aspect Ratio conversion (16:9, 4:3 Letterbox, 4:3 Pan Scan)
- Time Display (Total / Track / Remaining Track Time)
- Full audio functionality with remote control

DVD-Video Functionality

- Step Forward/Backward
- Slow (3 speeds)
- Multi-angle Selection
- Audio Selection (1 out of max. 8 languages)
- Subtitles Selection (1 out of max. 32 languages)
- Parental Control and Disc Lock
- Disc Menu support (Title Menu and Root Menu)
- Resume (5 discs) after stop / standby / power off
- Perfect Still with digital multi-tap filter
- Zoom (x1.33, x2, x4) with picture enhancement
- 3D sound

Video CD Functionality

- Step Forward/Backward
- Slow (3 speeds)
- Playback Control for VCD 2.0 discs
- Disc Lock
- Resume (5 discs) after stop / standby / power off
- Programming

Power Supply

Power Inlet	110-240V (via voltage selector) 50/60 Hz
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Cabinet

Dimensions (w x h x d)	435 x 110 x 330 mm
Weight	>9Kg
Front Panel	Aluminum

Remote Control

- Universal remote for control of main TV functions
- Aluminum top
- Hard coated keys

Package Contents

- Batteries 2 x AA
- Universal Remote Control
- Audio Cinch cable
- Video cinch cable
- Power cable
- Scart cable^(Europe only)
- YUV cable^(USA and Asia only)
- Digital coax cable
- User Manual

Packaging

Colors black printing on beige box

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