



Instructions for use
Mode d'emploi
Instrucciones de manejo
Bedienungsanleitung
Gebruiksaanwijzing
Istruzioni per l'uso
Manual de utilização



Let's make things better.



PHILIPS

General information

Laser safety

This unit employs a laser. To prevent possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

LASER	
Type	Semiconductor laser GaAlAs
Wavelength	650 nm (DVD) 780 nm (VCD/CD)
Output Power	7 mW (DVD) 10 mW (VCD/CD)
Beam divergence	60 degrees.



The SACD player is in conformity with the EMC directive and low-voltage directive.

**CLASS 1
LASER PRODUCT**

CAUTION VISIBLE AND INVISIBLE LASER RADIATION. WHEN OPEN AVOID EXPOSURE TO BEAM
ADVARSEL SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING UNDGÅ UDSÆTTELSE FOR STRÅLING
ADVARSEL SYNLIG OG USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES UNNGÅ EKSPONERING FOR STRÅLEN
WARNING SYNLIG OCH OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÄR ÖPPNAD BETRAKTA EJ STRÅLEN
VARO! AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LASER SÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN
VORSICHT SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHL AUSSETZEN
DANGER VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID DIRECT EXPOSURE TO BEAM
ATTENTION RAYONNEMENT LASER VISIBLE ET INVISIBLE EN CAS D'OUVERTURE EXPOSITION DANGEREUSE AU FAISCEAU

CAUTION WARNING LOCATION: INSIDE ON LASER COVERSIELD

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

For Customer Use:

Read carefully the information located on the back of your SACD player and entered below the Serial N°. Retain this information for future reference.

Model N°. SACD1000

Serial N°. _____

Specifications

PLAYBACK SYSTEM

SUPER AUDIO CD
DVD-Video
Video CD
Audio CD (CD-R and CD-RW)

OPTICAL READOUT SYSTEM

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

AUDIO FORMAT

Digital	DSD	Uncompressed Digital
	Dolby digital	Compressed Digital
	DTS/MPEG	
	PCM	16, 20, 24 bit fs, 48, 96 kHz

Analog Sound Stereo
Dolby Surround™ downmix from multi-channel sound
3D Sound for virtual 5.1 channel sound on 2 speakers

SACD AUDIO PERFORMANCE

Multi-channel output (DSD stereo/multi-channel)		
DA Converter	1 bit	
SACD	fs 2.8 MHz	DC - 100 kHz
Max. output voltage (0dB)	2 V _{RMS} +/- 0.3 V	
Channel unbalance	< 0.5 dB	
Cut-off frequency normal mode	40 kHz +/- 5 kHz	
Cut-off frequency custom mode	50 kHz +/- 5 kHz	

	Normal	Typical	Custom
Amplitude linearity	+ 0.1/-0.6		+ 0.1/-0.4
Total harmonic distortion and noise (1 kHz)	-100 dB		-102 dB
Total harmonic distortion and noise (20 Hz - kHz)	-88 dB		-95 dB
Inter-modulation distortion	-107 dB		-112 dB
Dynamic range	-114 dB		-111 dB
Signal-to-noise ratio (A-weighted)	-114 dB		-111 dB

Low level linearity (0 → -100 dB)	< +/- 0.1 dB
Low level linearity (0 → -115 dB)	< +/- 0.5 dB
Inter-channel phase	< 1 degree
Crosstalk (1kHz)	-130 dB
Crosstalk (20 Hz - 20 kHz)	-100 dB

DVD/VCD/CD PERFORMANCE

DA Converter	24 bit	
DVD	fs 96 kHz	4 Hz - 44 kHz
	fs 48 kHz	4 Hz - 22 kHz
Video CD	fs 48 kHz	4 Hz - 22 kHz
CD	fs 44.1 kHz	4 Hz - 20 kHz
Signal-Noise (1kHz)	> 100 dB	
Dynamic Range (1kHz)	> 90 dB	
Crosstalk (1kHz)	> 105 dB	
Distortion Noise (1kHz)	> 90 dB	

TV STANDARD

	EUROPE	USA
Number of lines	(PAL/50Hz) 625	(NTSC/60Hz) 525
Playback	Multistandard	(PAL/NTSC)

VIDEO FORMAT

Signal	Digital
Signal handling	Components
Digital Compression	MPEG2 for DVD, MPEG1 for VCD

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	0.7 Vpp into 75 ohm
Y _R P _B output	Y: 1Vpp into 75 ohm P _R : 0.7 Vpp into 75 ohm P _B : 0.7 Vpp into 75 ohm
Black Level Shift	On/Off
Video Shift	Left/Right

CONNECTIONS

Scart	2 Euroconnector
	S-Video Output Mini DIN, 4 pin
	Video Output 2 Cinch (yellow)
Y _R P _B Output	3 Cinch
Analog Audio L+R output	2 Cinch (white/red)
Digital Audio Output	1 coaxial, 2 optical IEC1937 for MPEG1, MPEG2 and AC-3 IEC61937 for DTS

POWER SUPPLY (UNIVERSAL)

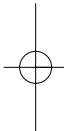
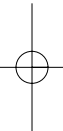
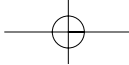
Power Inlet	100-120V/220-240V, 50/60Hz
Power consumption	36 Watt
Power consumption standby	less than 10 Watt

CABINET

Dimensions	435 x 110 x 330 mm (w x h x d)
Weight	approx. 10kg

PACKAGE CONTENTS

SACD Player
Remote Control Handset with separately-packed batteries
2-core power cord
Euroconnector cable
Audio cable
Video cable
Digital cable (coax)
User Manual
Warranty



type no. of product • Numéro de série du produit

SACD 1000 _____

Date of purchase • Date d'achat • Kaufdatum • Koopdatum • Fecha de compra •
Data da compra • Data di acquisto • Købsdato • Kjøpedato • Inköpsdato • Ostopäivä

day • Jour month • Mois year • Année **20**

Dealer's name, address and signature • Nom, adresse et signature du revendeur • Name,
Anschrift und Unterschrift des Händlers • Naam, adres en handtekening van de
handelaar • Nombre, dirección y firma del distribuidor • Nome, indirizzo e firma
del fornitore • Nome, morada e assinatura do vendedor • Forhandlerens navn, adresse
og underskrift • Återförsäljarens namn, adress och namnteckning • Myyjän nimi,
osoite ja allekirjoitus



The products and services described herein are not necessarily available in all countries

Due to continuous product improvements this document is subject to change without notice.

