

Multichannel SACD



DVD/SACD Digital Home Entertainment System

- All-in-one Integrated SACD / DVD, Digital Surround Sound Receiver
- Enjoy Superior Multichannel Wide Spectrum Surround Sound with Super Audio CD
- Enjoy Superior Video Quality with FAROUDJA Progressive Scan
- Dolby Digital 5.1, DTS, Dolby Prologic and MPEG decoding
- 275W Total System Power
- 100 watts powered wOOx subwoofer for extra deep bass
- Slim 3-way Wide Spectrum satellite speakers
- Hi-Frequency Ribbon Tweeters in support of SACD sound
- CVBS, S-Video output & Component (R/G/B) video output
- DVD, DVD+RW, SACD, VCD, CD, CD-R, CD-RW and MP3-CD playback
- Easy to set up, color coded connections
- Aluminium speaker stands



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Let's make things better.



PHILIPS



Sound Enhancement

SACD (Super Audio CD)

Super Audio CD (SACD) is the next generation music format that provides a more natural, ultra-high quality sound due to the revolutionary DSD technology. It offers consumers a smooth migration path to higher quality sound, as all existing CDs can be played on the SACD system. Also, the use of a hybrid disc makes the system fully backward and forward compatible. It offers additional features such as multi-channel sound, which delivers the most exciting and participatory audio experience possible. Pure sound, rich with nuance and the ambience of alive performance like being right in the music hall, the chapel, the theatre or the local bar. Something you have never experienced before!

Dolby Digital Surround Sound

Available on DVD, Laserdisc™, satellite broadcasts, Cable and as the standard for HDTV, Dolby Digital® offers the ultimate experience in home theater surround with six discrete channels of digital CD sound. Discrete means that each channel carries its own sound and depending on what happens on screen each speaker plays its own unique role in providing the right sound. Front left, center and right join two surround speakers to reproduce highs, mid and bass frequencies in five full-range channels of surround. Bass rumble, explosions and low frequency effects you feel are delivered through a dedicated sixth, subwoofer channel. Also known as AC-3 and Dolby 5.1, Dolby Digital® delivers the expanded sense of depth, localization and overall realism which was formerly only known from digital surround sound equipped cinemas.

DTS - DTS surround sound is a cinema surround sound audio format that offers superior digital audio performance than other available surround sound formats. DTS offer more clarity and definition especially for higher tones. The better sound quality is a direct result of the limited sound compression (3:1 instead of 11:1 for Dolby Digital) and the 20-bit resolution. DTS movie and music software is available on various DVD and CD titles.

MP3-CD Playback - Download MP3 songs from the internet on a PC and record them on a CD. This special "MP3-CD" can now be played on the Philips LX8000SA Mini System. One MP3-CD can carry up to 12 hours of music. As the CD changer can be loaded with 3 CD's, one can enjoy 36 hours of uninterrupted music listening!

6-speaker package

No less than 4 2-way satellite loudspeakers and one 3-way center speakers to build your personal cinema on a stand or wall-mounted with the enclosed wall-brackets. The five speakers are acoustically specially designed to match the tonal characteristics of the receiver. Front left, right and center speaker are magnetically protected to prevent any interference with television picture tube purity. The sixth speaker is a 100 watt powered wOOx subwoofer.

275W surround power output

The five, 3x45W (left, right, center) and 2x35W (rear), receiver amplifiers together with the 100W subwoofer amplifier deliver 275 Watts of home theater power (6 Ohm, 1 kHz and 10% THD total harmonic distortion).

Ribbon Tweeters

Conventional cones and dome tweeters are based on a moving coil (dynamic principle). The radiation pattern of such tweeter will only be limited to radiate in a 180 degree field, which means it is very directional and limited in stereo imaging reproduction. With the ferrite ribbon tweeter, which is typically a dipole, the high frequencies are radiated in a full 360 degree pattern. It is producing a sound on the front and the back at the same time. The result is a very "open" wide spectrum high frequency reproduction which further enhances the surround experience in a multi-channel set-up.

100W powered wOOx subwoofer

Subwoofers add dynamism to normal music and motion pictures. It sets the stage for a more intense sensation. The 100W Philips subwoofer features a 6.5" wOOx based radiator for even deeper impact. In all, the subwoofer is sufficiently power packed to generate that cinema essential sonic sound boom.

wOOx Technology

Philips patented wOOx Technology ensures superior bass results. The dual suspension bass radiator, together with dedicated amplifier circuitry, is especially designed to produce and handle high dynamic sound signals at very low frequencies. Because of the dual suspension, the excursion of the membrane can be extreme. This, in combination with the symmetrical sandwich construction, provides for very low and precise bass without noticeable distortion. The net effect of using wOOx Technology is a tight bass sound that is significantly "lower and louder" than conventional mini shelf systems.

Clear Voice

Many DVD movies fail terrible on sound clarity and transparency in the mid frequency range (1-3 kHz). This means that dialogues are often difficult to follow, especially in scenes with dramatic sound effects. Philips has developed a "Clear Voice" sound algorithm that steers the digital sound processor to extract the voice dynamics in movie dialogues on all 5 surround channels - without compromising on the location accuracy and the width of the surround sound.

Video Enhancement

Progressive Scan: DCDI™ by FAROUDJA

In its mix of high end features, Crystal Clear Pro™ also integrates the 3:2 pull down Progressive Scan with which the films are shot at a frame rate of 24 frames per second. When transferred to a DVD which uses NTSC system of 60 frames per second each of the film's 24 frames must be shown either twice or three times in an alternating sequence.

To accurately reproduce the film in progressive form, Philips DVD analyze and detects the 3, 2, 3, 2, 3, 2 sequence encoded in the DVD and re-interlace (combining the complementary adjacent frames) them accurately into progressive image. By using the 3:2 pull down technology, pictures are noticeably sharper with film based material. Even on large screens, the progressive scan lines are barely noticeable and picture flickering is greatly reduced, so you can extend viewing without eye fatigue.

The DCDI™ chip from Faroudja used by Philips has already proven that the picture quality obtained is amazing. This powerful display processor (DCDI™ by Faroudja) constantly analyzes the sequence of the image and corrects it.

Convenience

Digital inputs and output

1 digital input (cinch) foreseen to connect a digital sound sources (e.g. DVD player, CD player and Digital TV).

Night mode

Establishes dynamic range compression of digital sound to reduce the volume differences between the loud and soft passages in source material with digital surround sound where sound level differences can be so dramatic. This feature is especially useful at night when you don't want to disturb the neighbors or wake up the kids!

Video Connections

3 video outputs (incl. monitor) are foreseen to hook up video sources (S-Video/Component).

Easy hook up

With color coded speaker connections for quick and easy connection of all loudspeakers. By using distinct colors for each of the speaker connection terminal on the speaker and on the set, and using the same color for the cable, the chance of faulty connection (and customer complaints) are practically zero!

40 tuner presets with station name display

The available tuner presets can be randomly used to store AM and FM stations (40 in total). Each of the presets can be given a user defined name of up to 8 characters. Giving the preset a name is as easy as 1-2-3 with the menu navigator.

Display brightness adjustment

Conveniently adjusts the brightness of the display in 2 steps.

Standby power <0.5W

To help save energy consumption, the standby transformer of this set has been designed not to consume more than 0.5 watt in standby mode.

DVD & VCD Playback

The DVD drive plays DVD, DVD+RW and Video CD as well as CD, CDR and CDRW, MP3-CD discs recorded on a CD recorder. The system has a full on screen display for easy set-up and operation. Other video features are zoom, multi-angle and parental lock.

Connections

- Audio inputs/outputs
 - 2 analogue input sources,
 - 1 analogue output connection
 - TV : in
 - VCR : in
 - CDR : in/out
 - Headphone : 3.5 mm
- Digital audio in/output
 - 1 digital input connection
 - 1 digital output connection
- Video inputs/outputs
 - 3 output connections (1 S-Video)
 - TV : out
 - VCR : out
 - Monitor : out
- Speaker Connections suitable for speakers ≥ 6 Ohm
 - left, right, center : click-fit connection
 - rear left, right : click-fit connection
- Miscellaneous connections
 - subwoofer pre-out : 1
 - AM antenna : loop type
 - FM antenna : click-fit 300 Ohm

Perspective view of aluminium speaker stands



UPC Code : 0 3784992 0930

Product Dimensions:

15.4" W x 2.9" H x 14.2" D (receiver)

3.7" W x 11.1" H x 1.4" D (l/r, center + surround)

11.3" W x 3.7" H x 2.5" D (center speaker)

7.7" W x 18.1" H x 10.0" D (subwoofer)

Package Dimension: 23.4" W x 17.2" H x 20.2" D

Total package weight: 59.5 lbs

Container loading: 200 pcs (20' container)

Container loading: 420 pcs (40' container)

Country of origin: China

Carton contains: DVD/Receiver LX8000SA, 2 speaker stands, remote control, batteries, instruction for use, AM + FM antenna, quick installation card, warranty information, 6 loudspeakers (incl. subwoofer), loudspeaker cable (L/R: 2x9ft, C: 1x9ft, S: 2x33ft), subwoofer + connection cable, digital audio cable, video cable

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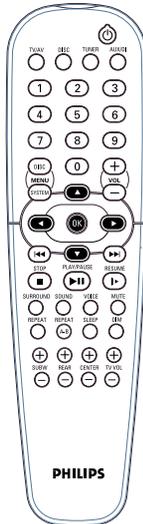
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As an ENERGY STAR® Partner, Philips has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

* Dolby Digital laserdisc use requires optional AC-3 RF demodulator

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