

Philips
DVD/SACD home theater
system with Neodymium
Ribbon Tweeters

LX8500W



Total immersion in movies and music

Multi-channel Super Audio

Harmony and balance is the need. Quality design with attention to details are the enablers. Simply the pureness of sound and picture that envelops the pleasurable experience...

Pure multi-channel sound

- Multi-channel Super Audio CD for total music immersion
- Neodymium Ribbon Tweeters for crystal clear sound
- Wireless rear speakers for fewer wires across your room
- CD Upsampling increases resolution for superb CD sound

Superb video performance

- Progressive Scan component video for optimized image quality
- 4x video upsampling for improved image quality

Plays practically any disc format

- Movies: DVD, DVD+R/RW, DVD-R/RW, (S)VCD, DivX
- Music: SACD, CD, MP3-CD, CD-R and CD-RW
- Picture CD (JPEG) with music (MP3) playback

PHILIPS

Specifications

Picture/Display

- Aspect ratio: 4:3, 16:9

Sound

- D/A converter: 24 bit, 96 kHz
- Frequency response: 30-48000 Hz
- Signal to noise ratio: >95 dB
- Sound Enhancement: Treble and Bass Control
- Sound System: Dolby Digital (AC-3), Dolby Prologic II, DTS
- Output power (RMS): 3 x 100W, 2 x 75W + 150 W
- Total Sound Power (RMS): 600 W

Loudspeakers

- Satellite Speaker: Magnetically shielded front, 4 Floor standing pillars, Wireless rear speakers
- Satellite speaker freq range: 120-50000 Hz
- Satellite speaker impedance: 6 ohm
- Satellite speaker drivers: 6" ribbon tweeter, 2x 3" mid range woofer
- Center Speaker: 2 way, Cinema Center speaker, Magnetically shielded
- Center freq range: 120-30000 Hz
- Center speaker impedance: 6 ohm
- Center speaker drivers: 1.75" tweeter, 4x 2" mid range woofers
- Subwoofer freq range: 30-120 Hz
- Subwoofer impedance: 4 ohm
- Subwoofer driver: 6.5" high efficiency woofer

Video Playback

- Compression formats: Divx 3.11, Divx 4, Divx 5, MPEG1, MPEG2, MPEG4
- Playback Media: DVD+RW, DVD+R, DVD-RW (Video mode), DVD-R, DVD-Video, SVCD, Video CD
- Disc Playback Modes: A-B Repeat, Repeat
- Loader Type: Tray
- Number of Discs: 1
- Video disc playback system: NTSC, PAL
- Video Enhancement: Progressive Scan

Audio Playback

- Compression format: Dolby Digital, DTS, MP3, PCM
- Playback Media: CD, CD-R, CD-RW, MP3-CD, SACD Multichannel
- Disc Playback Modes: Fast Forward/Backward, Next/Previous Album Search, Next/Previous Track Search, Repeat one/album/all, Shuffle Play
- MP3 bit rates: 32-256 kbps and VBR

Still Picture Playback

- Playback Media: Picture CD
- Picture Compression Format: JPEG
- Slide show: with music (MP3)

Tuner/Reception/Transmission

- Auto digital tuning
- Auto store
- Number of Preset Channels: 20
- RDS: Station Name
- Tuner Bands: FM Stereo, MW

Connectivity

- Other connections: Analog audio Left/Right in, Component/Video out Progressive, Composite video (CVBS) out, Digital coaxial in, FM Antenna, Line out, MW Antenna, S-Video out, SCART1 (CVBS, S-video/RGB out)

Convenience

- Child Protection: Parental Control
- Display Type: FTD, On Screen (OSD)
- Remote Control: Multi-functional

Accessories

- Included accessories: 1x center speaker, 1x subwoofer, 2x front satellite speakers, 2x rear satellite speakers, AC Power Cord, FM/MW Antenna, Quick Use Guide, Remote Control, Scart Cable, User Manual, Warranty certificate
- Included batteries: 2x Longlife AA

Dimensions

- Center speaker dimensions (W x H x D): 435 x 76 x 70 mm
- Center Speaker Weight: 1.4 kg
- Packaging dimensions (W x H x D): 1000 x 516 x 495 mm
- Set dimensions (W x H x D): 360 x 40 x 305 mm
- Set weight: 2.5 kg
- Stand dimensions (W x H x D): 95 x 540 x 95 mm
- Subwoofer dimensions (W x H x D): 300 x 400 x 300 mm
- Subwoofer Weight: 12 kg
- Surround Speaker dimensions (W x H x D): 100 x 550 x 107 mm
- Surround speaker Weight: 10.3 kg
- Weight incl. Packaging: 43 kg

Power

- Power supply: 200-240 V, 50/60 Hz
- Standby power consumption: < 1W

Highlights

Multi-channel Super Audio CD

Multi-channel SACD is a new generation music format that offers ultra high quality music reproduction. With a 5.1 multi-channel surround sound and full CD compatibility both forward and backward, what results is unsurpassed audio performance for your listening pleasure.

Neodymium Ribbon Tweeters

Enjoy unparalleled, natural and crystal-clear sound quality with Omni-directional Neodymium Ribbon Tweeter. Dipoles that radiate high frequency sounds in a full 360-degree pattern results in a very 'open' wide sound spectrum that delivers crisp clarity and high-pitched detail in the higher tones. This further enhances the surround experience in a multi-channel system and is especially noticed when listening to Super Audio CD sound where the clarity in music is excellent.

Wireless rear speakers

Wireless rear speakers give you scalability and mobility in speaker placement. Developed using interference-free technology, wireless speakers provide full surround sound without unsightly wire connections.

CD Upsampling

CD Upsampling is an advanced sound processing technology that intelligently upgrades the audio of standard CDs by increasing time resolution and sampling rate for an improved audio experience.

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Video Upsampling

Video Upsampling is a technology that decreases distortion to dramatically improve picture quality. Increasing the video processing to 54MHz or even 108MHz, is in effect converting the video to 8:8:8* (54MHz) or 16:16:16 (108MHz) format which has about 4 to 8 times more horizontal resolution bandwidth than in standard DVD format. This processing reduces the MPEG "mosquito net" distortion dramatically resulting in picture quality that is pure and distortion free.

Multi-format Movies with DivX

Multi-format playability allows you to play most disc formats for maximum disc compatibility and viewing pleasure.

Multi-format Music with SACD

Multi-format playability allows you to play most disc formats for maximum disc compatibility and listening pleasure.

Picture CD with MP3 Playback

Picture CD is a CD-R or CD-RW disc on which you can store your MP3 and digital pictures. When inserting a Picture CD in the DVD player, a screen menu will pop up, showing your JPEG's and/or MP3 files on the disc. Just select the music and pictures files you wish to enjoy and press play or OK. You can watch your pictures on TV with your music playing simultaneously.



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