

Philips
DVD home theater system



LX3600D

The full cinematic sound experience

This compact full digital home entertainment system plays practically any disc in high quality Dolby or DTS surround sound. So, relax and enjoy the full cinematic experience in your own personal environment.

Superb audio and video performance

- Class 'D' digital amplifier for quality sound performance
- DTS 5.1 Dolby Digital Pro Logic II full surround sound
- Progressive Scan component video for optimized image quality
- Wide Spectrum Speaker System for true-to-life sound

Plays practically any disc format

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

Quick and easy set-up

- Easy-fit™ connectors with color-coding for a simple set-up
- Easy set-up to initialize your total home entertainment

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Specifications

Picture/Display

- Aspect ratio: 4:3, 16:9

Sound

- D/A converter: 24 bit, 96 kHz
- Equalizer settings: Action, Classic, Concert, Digital, Drama, Jazz, Rock, Sci-Fi
- Frequency response: 30-20000 Hz
- Output power (RMS): 6 x 50 W
- Signal to noise ratio: >80 dB
- Sound System: Dolby Digital (AC-3), Dolby Prologic II, DTS
- Total Sound Power (RMS): 300 W

Loudspeakers

- Satellite Speaker: Magnetically shielded front
- Satellite speaker freq range: 120-20000 Hz
- Satellite speaker impedance: 4 ohm
- Satellite speaker drivers: 1 piezo, 3" full range woofer
- Center Speaker: 2 way
- Center freq range: 120-20000 Hz
- Center speaker drivers: 1 piezo, 2 x 3" full range woofers
- Subwoofer freq range: 30-120 Hz
- Subwoofer driver: 6.5" high efficiency woofer

Video Playback

- Compression formats: MPEG1, MPEG2
- Playback Media: DVD+RW, DVD-R, DVD-RW (Video mode), DVD-Video, SVCD, Video CD, DVD+R
- 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
- 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
- Tuner Bands: FM Stereo, MW

Connectivity

- Other connections: Analog audio Left/Right in, Component/Video out Progressive, FM Antenna, Line out, MW Antenna, S-Video 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, Audio Cable, FM/MW Antenna, Quick Use Guide, Remote Control, User Manual, Video Cable, Warranty certificate
- Included batteries: 2x Longlife AA

Dimensions

- Center speaker dimensions (W x H x D): 234 x 96 x 70 mm
- Center Speaker Weight: 0.9 kg
- Packaging dimensions (W x H x D): 399 x 412 x 460 mm
- Set dimensions (W x H x D): 360 x 54 x 316 mm
- Set weight: 2.9 kg
- Subwoofer dimensions (W x H x D): 220 x 230 x 360 mm
- Subwoofer Weight: 4.5 kg
- Surround Speaker dimensions (W x H x D): 89 x 162 x 70 mm
- Surround speaker Weight: 0.4 kg
- Weight incl. Packaging: 12.3 kg

Power

- Power supply: 110-240V, 50/60 Hz
- Standby power consumption: < 2 W

Highlights

Class 'D' Amplifier

Class 'D' Digital Amplifier takes an analog signal, converts it into a digital signal and then amplifies the signal digitally. The signal then enters a demodulation filter to give the final output. The amplified digital output delivers all the advantages of digital audio, including improved sound quality. In addition, Class 'D' Digital Amplifier has greater than 90% efficiency compared to traditional AB amplifiers. This high efficiency translates into a powerful amplifier with a small footprint.

DTS, Dolby Digital 5.1 and PL2

A Built-in DTS and Dolby Digital decoder eliminates the need for an external decoder by processing all six channels of audio information to provide a surround sound experience and an astoundingly natural sense of ambience and dynamic realism. Dolby Pro Logic II provides five channels of surround processing from any stereo source.

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.

Wide Spectrum Speaker System

Wide spectrum speaker covers the entire audible audio frequency in order to capture and reproduce a more realistic sound. As there is one driver reproducing the entire audio range, this results in minimum phase distortion or time distortion to affect the audio quality.

Multi-format Movies

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

Multi-format Music

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.

Easy-fit™ connectors

Color-coded connectors provide a simple and user-friendly solution to connect the speakers and subwoofer to the center unit of the home entertainment system simply by plugging the connectors in the matching colored interface at the rear of the center unit.

Quick Start Guide

To guide you through the initial set-up of your system, Philips delivers a Quick Start Guide that uses an easy approach with clearly defined graphics and colors to guide you through the basic steps of connection and obtaining picture and sound. These basic steps are clearly described on one page in the packaging box, making setup quick and simple.



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