

Philips
DVD home theater system
with Class 'D' Amplifier



MX2500

Bring your movies and music to life

The power of the cinema experience right in your own home! It's a complete entertainment experience with virtually every disc format in Dolby and DTS surround modes!

Superb audio and video performance

- Class 'D' digital amplifier for quality sound performance
- DTS 5.1 Dolby Digital Pro Logic II full surround 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
- D/A converter: 10 bit / 54 MHz

Sound

- D/A converter: 24bit / 96 kHz
- Equalizer settings: Action, Classic, Concert, Digital, Drama, Jazz, Rock, Sci-Fi
- Sound Enhancement: Class "D" Digital Amplifier, Night Mode
- Sound System: Dolby Digital (AC-3), Dolby Prologic II, DTS
- Output power (RMS): 200W
- Volume Control: rotary

Loudspeakers

- Satellite Speaker: Magnetically shielded front
- Satellite speaker freq range: 120-20k Hz
- Satellite speaker impedance: 8 ohm
- Satellite speaker drivers: 3" full range woofer
- Center Speaker: Fixed Wires, Magnetically shielded
- Center freq range: 120-20k Hz
- Center speaker impedance: 8 ohm
- Center speaker drivers: 3" full range woofer
- Subwoofer type: Passive
- Subwoofer freq range: 30-120 Hz
- Subwoofer impedance: 4 ohm
- Subwoofer driver: 6.5" high efficiency woofer

Video Playback

- Compression formats: MPEG1, MPEG2
- Playback Media: 80mm + 120mm Audio Discs, CD-R/CD-RW, DVD, DVD+RW, DVD+R, DVD-RW (Video mode), DVD-R, DVD-Video, MP3-CD, Picture CD, Video CD/SVCD
- Disc Playback Modes: A-B Repeat, Angle, Night mode, Repeat, Screen Saver, Zoom
- Loader Type: Tray
- Number of Discs: 1
- Video disc playback system: NTSC, PAL

Audio Playback

- Compression format: Dolby Digital, DTS, MP3, PCM
- Disc Playback Modes: Fast Forward/Backward, Next/Previous Album Search, Next/Previous

- Track Search
- MP3 bit rates: 32-256 kbps and variable

Still Picture Playback

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

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Auto digital tuning
- Auto store
- Tuner Bands: FM, MW

Connectivity

- Front / Side connections: Headphone Out
- Other connections: AUX in, Composite video (CVBS) out, Digital audio coaxial out, Easy-Fit speaker connectors, Line out, S-Video out, TV in (audio, cinch)

Convenience

- Child Protection: Parental Control
- Display Type: On Screen (OSD), VFD display

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
- Included batteries: 2x Longlife AA

Dimensions

- Center speaker dimensions (W x H x D): 90 x 90 x 90 mm
- Packaging dimensions (W x H x D): 535 x 404 x 449 mm
- Set dimensions (W x H x D): 435 x 53 x 350 mm
- Subwoofer dimensions (W x H x D): 220 x 210 x 350 mm
- Surround Speaker dimensions (W x H x D): 90 x 90 x 90 mm
- Weight incl. Packaging: 12.7 kg

Power

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

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.

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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