



Philips Matchline  
DVD/SACD home theater  
system with Neodymium  
Ribbon Tweeters

**MATCH**  **LINE**

**MX5800SA**

## Total Immersion in Movies and Music

Ergonomically designed, the MX5800SA is a 5 DVD/SACD performance-oriented Home Entertainment System bestowed with superior technological features to provide the ultimate movie and music experience - right at home.

### **Unrivalled audio and video performance**

- Multi-channel Super Audio CD for total music immersion
- Twin Subs™ Bass Pipes are integrated in speaker columns
- Neodymium Ribbon Tweeters for crystal clear sound
- Cinema Center Speaker™ for realism cinematic experience
- Advanced Class D Amplifier™ for compact, powerful sound
- 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: SACD, CD, MP3-CD, CD-R and CD-RW

### **Quick and easy set-up**

- Seating Control™ provides best sound performance sweet spot
- Easy set-up to initialize your total home entertainment

**PHILIPS**

# 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.

## Twin Subs™

Twin Subs™ give you increased bass performance due to downward firing woofers, enhanced accuracy because of real non-directional bass distribution and clean, easy set up with twin subs integrated in the speaker columns.

## 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.

## Cinema Center Speaker™

Recreate and experience realism cinematic experience right in your environment with Cinema Center Speaker™. With a wider

sweet spot delivered by four multi-directional woofers and a high frequency tweeter positioned precisely at different angles, more sound depths are distinguished from front and background and action from dialogue. Natural and crystal clear sound reproduction are created through the revolutionary new 5.1 cm (2") full range woofers to give an incredible 'through the screen' experience which creates the sensation of being not just in the cinema but in the movie itself.

## 6x Class D Digital Amplifier

When it comes to perfect audio there is no room for distortion. Digital amplifiers generate far less heat than standard analog amplifiers, allowing for smaller set enclosures. Philips Class D Amplifiers™ provide dramatically enhanced sound quality over digital amplifiers used by competitors as they are designed to control and reduce EMI (Electro Magnetic Interference). In addition, the Class D Amplifiers™ use a closed loop design which suppresses distortion and loss of audio quality. The overall result is enhanced audio performance from a much smaller package.

## 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 with SACD

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

## Seating Control™

Achieve best sound performance with Seating Control™ by choosing your preferred seat via the Joystick Remote Control. Select your room layout and 3D speakers setup with ease and get set for a real total sound immersion experience.

## 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.



# Specifications

## Picture/Display

- Aspect ratio: 4:3, 16:9
- D/A converter: 10 bit, 54 MHz

## Sound

- D/A converter: 24 bit, 192 kHz
- Equalizer settings: Action, Classic, Concert, Digital, Drama, Jazz, Rock, Sci-Fi
- Frequency response: 30-30000 Hz
- Signal to noise ratio: >65 dB
- Sound Enhancement: Class "D" Digital Amplifier, ClearVoice, Incredible Surround, Night Mode, Seating Control, Treble and Bass Control
- Sound System: Dolby Digital (AC-3), Dolby Prologic II, DTS, Matrix surround, MPEG2
- Output Power: 6 x 1000W PMPO
- Total Sound Power (RMS): 6000 W

## Loudspeakers

- Satellite Speaker: Magnetically shielded front
- Satellite speaker freq range: 120-50000 Hz
- Satellite speaker impedance: 4 ohm
- Satellite speaker drivers: 3" 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: 4 ohm
- Center speaker drivers: 1.75" tweeter, 4x 2" mid range woofers
- Subwoofer type: TwinSubs
- Subwoofer freq range: 30-120 Hz
- Subwoofer impedance: 8 ohm
- Subwoofer driver: 2 x 4" long throw woofer

## Video Playback

- Compression formats: MPEG1, MPEG2
- 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: 5
- Video disc playback system: NTSC, PAL
- Video Enhancement: Progressive Scan

## Audio Playback

- Compression format: Dolby Digital, DTS, MP3, MPEG2 Multichannel, PCM
- Playback Media: CD, CD-R, CD-RW, MP3-CD, SACD Multichannel, SACD Stereo
- 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

## Tuner/Reception/Transmission

- Auto digital tuning
- Auto store
- Number of Preset Channels: 40
- RDS: Station Name
- Tuner Bands: FM Stereo, MW

## Connectivity

- Front / Side connections: Headphone Out
- Headphone: 6.3 mm
- Other connections: Analog audio Left/Right in, Component Video out Interlaced, Composite video (CVBS) out, Digital coaxial in, Digital coaxial out, FM Antenna, Line out, MW Antenna, S-Video out, Subwoofer pre-out

## Convenience

- Remote Control: Multi-functional

## Accessories

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

## Dimensions

- Center speaker dimensions (W x H x D): 435 x 72 x 63.5 mm
- Center Speaker Weight: 1.3 kg
- Packaging dimensions (W x H x D): 994 x 410 x 544 mm
- Set dimensions (W x H x D): 435 x 100 x 360 mm
- Set weight: 7.2 kg
- Subwoofer dimensions (W x H x D): 110 x 940 x 110 mm
- Subwoofer Weight: 4.5 kg
- Surround Speaker dimensions (W x H x D): 94 x 280 x 70 mm
- Surround speaker Weight: 1.2 kg
- Weight incl. Packaging: 34.2 kg

## Power

- Power supply: 110-240V
- Standby power consumption: < 0.5 W



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