



Philips Matchline
DVD home theater system
with Neodymium Ribbon
Tweeters

MATCHLINE

MX5900SA



Total Immersion in Movies and Music

Ergonomically designed, the MX5900SA 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

- DCDi™ from Faroudja and Digital Crystal Clear
- 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

sense and simplicity

Specifications

Picture/Display

- Aspect ratio: 4:3, 16:9

Sound

- Equalizer settings: Action, Classic, Concert, Digital, Drama, Jazz, Rock, Sci-Fi
- 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
- D/A converter: 24 bit, 192 kHz
- Frequency response: 30-30000 Hz
- Output Power: 6 x 85W RMS
- Total Sound Power (RMS): 500 W
- Signal to noise ratio: >65 dB

Loudspeakers

- Satellite Speaker: Magnetically shielded front
- Satellite speaker drivers: 3" ribbon tweeter, 2x 3" mid range woofer
- Center Speaker: 2 way, Cinema Center speaker, Magnetically shielded
- Center speaker drivers: 1.75" tweeter, 4x 2" mid range woofers
- Subwoofer type: TwinSubs
- Subwoofer driver: 2 x 4" long throw woofer
- Satellite speaker impedance: 4 ohm
- Subwoofer freq range: 30-120 Hz
- Subwoofer impedance: 8 ohm
- Center speaker impedance: 4 ohm
- Center freq range: 120-30000 Hz
- Satellite speaker freq range: 120-50000 Hz

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: Faroudja DCDi

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

Connectivity

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

Convenience

- Child Protection: Parental Control
- Display Type: LCD, On Screen (OSD)
- 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, FM/MW Antenna, Quick Use Guide, Remote Control, User Manual, Warranty certificate, Audio Cable, CVBS video cable
- Included batteries: 2x Longlife AA

Power

- Power supply: 110V, 50/60 Hz
- Standby power consumption: < 0.5 W

Dimensions

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

Product highlights

Digital Crystal Clear DCDi™

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels.

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 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.



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