

Philips

DVD/SACD home theatre system with Neodymium Ribbon Tweeters

MX5800SA/22S

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.

Benefits

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 Centre Speaker™ for a realistic 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 setup

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

Features

Multi-channel Super Audio CD

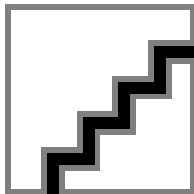
Multi-channel SACD is a new generation music format that offers ultra high quality music reproduction. With a 5.1 multi-channel surround sound and full CD compatibility both forwards and backwards, what results is unsurpassed audio performance for your listening pleasure.

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.

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Neodymium Ribbon Tweeters



Enjoy unparalleled, natural and crystal clear sound quality with Omni-directional Neodymium Ribbon Tweeters. Dipoles that radiate high-frequency sounds in a full 360-degree pattern result 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 Centre Speaker™

Recreate and experience a realistic cinematic experience in your own environment with Cinema Centre 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 is distinguished from dialogue. Natural and crystal clear sound reproduction is created through the revolutionary new 5.1 cm (2") full-range woofers to give an incredible 'through the screen' experience that 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 analogue 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 the 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 and 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 colours 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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Sound

Sound System	Dolby Digital (AC-3) DTS Matrix surround MPEG2 Dolby Prologic II
D/A converter	24-bit, 192 kHz
Frequency response	30-30,000 Hz
Equalizer settings	Classic Jazz Drama Action Sci-Fi Digital Concert Rock
Signal to noise ratio	>65 dB
Total Sound Power (RMS)	500 W
Sound Enhancement	ClearVoice Treble and Bass Control Incredible Surround Class "D" Digital Amplifier Night Mode
Output Power	Seating Control 6 x 85W RMS

Centre speaker impedance	4 ohm
Satellite speaker impedance	4 ohm
Subwoofer impedance	8 ohm
Satellite Speaker	Magnetically shielded front
Satellite speaker drivers	3" ribbon tweeter 2x 3" mid range woofer
Centre speaker drivers	1.75" tweeter 4 x 2" mid-range woofers
Subwoofer type	TwinSubs
Subwoofer driver	2 x 4" long throw woofer

Video Playback

Compression formats	MPEG1 MPEG2
Playback Media	SVCD Video CD DVD-Video DVD+RW DVD-R DVD-RW (Video mode) DVD+R
Disc Playback Modes	Repeat A-B Repeat
Loader Type	Tray
Video disc playback system	NTSC PAL
Number of Discs	5

Audio Playback

Compression format	MP3 Dolby Digital DTS
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Loudspeakers

Centre Speaker	2-way Magnetically shielded Cinema Centre speaker
Centre freq range	120-30,000 Hz
Subwoofer freq range	30-120 Hz
Satellite speaker freq range	120-50000 Hz

Playback Media	PCM MPEG2 Multi-channel CD CD-R CD-RW MP3-CD SACD Multichannel SACD Stereo	Quick Use Guide Remote Control 2 x front satellite speakers 2 x rear satellite speakers 1 x centre speaker 2 x TwinSub subwoofer/stand 2 x Longlife AA
Disc Playback Modes	Repeat one/album/all Shuffle Play Fast Forward/Reverse Next/Previous Album Search Next/Previous Track Search	Included batteries
MP3 bit rates	32-256 kbps	
Tuner/Reception/Transmission		Power
Tuner Bands	FM Stereo MW	Power supply
Auto digital tuning	Yes	200-240 V
Auto store	Yes	50/60 Hz
Number of Pre-set Channels	40	Standby power consumption
RDS	Station Name	< 0.5 W
Connectivity		Picture/Display
Other connections	MW Antenna Analogue audio Left/Right in Digital coaxial in Line out S-Video out FM Antenna SCART1 (CVBS, S-video/RGB out) Composite video (CVBS) out Digital coaxial out Subwoofer pre-out Headphones Out	Aspect ratio
Front/Side connections		4:3 16:9
Headphones	6.3 mm	D/A converter
Convenience		10-bit, 54 MHz
Child Protection	Parental Control	Dimensions
Remote Control	Multi-functional	Centre Speaker
Display Type	On Screen (OSD) LCD	Depth
Accessories		Centre Speaker
Included accessories	AC Power Cord Scart Cable FM/MW Antenna Warranty certificate User Manual	Height
		Centre Speaker
		Weight
		Centre Speaker
		Width
		Packaging Depth
		Packaging Height
		Packaging Width
		Set Depth
		Set Height
		Set weight
		Set Width
		Subwoofer Depth
		Subwoofer Height
		Subwoofer Weight
		Subwoofer Width
		Surround Speaker
		Depth
		Surround Speaker
		Height
		Surround Speaker
		Weight
		Surround Speaker
		Width
		Weight incl. Packaging



data subject to change
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