



DIGITAL SOUND PROJECTORS

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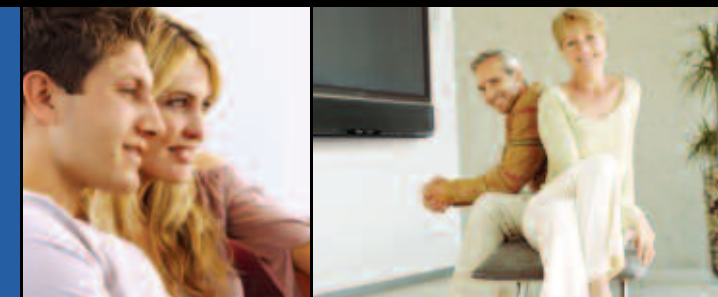
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multi-channel SURROUND SOUND
FROM A **single** component...



DIGITAL SOUND
PROJECTORS

simplify your home theater



utilize revolutionize your

wall space

The Yamaha Digital Sound Projector™ is a truly exciting innovation in home theater technology. Now you can enjoy full multi-channel surround sound capability from a single, easily installed component.

“Why have multiple speakers when one unit will do?”

Time Magazine, December 27, 2004

No more multiple speakers, no more clutter, no more hiding wires ... just the pure excitement of bringing your movies and music to life.



YSP-1000 shown in black grille finish with wall-mounted 42" plasma video display.

wall pattern

performance • elegance • simplicity

YSP-1000

Designed to blend easily with larger flat panel display monitors and rear-projection displays, the YSP-1000 offers enhancements that allow for easy, automatic set-up, video switching and sound optimization for your room. The YSP-1000 contains 42 digital amplifiers to power 42 sound drivers, delivering remarkable multi-channel enjoyment from a single, elegant component.



Features such as IntelliBeam™ (Automatic System Calibration) ensure that each sound beam is precisely directed, then the total beam sound effect is analyzed, after which frequency response and other parameters are optimized for your particular room.

YSP-800

The compact, stylish YSP-800 utilizes 23 individual digital amplifiers to power 23 sound beam drivers. Designed to be coupled with smaller flat panel displays, this Digital Sound Projector can also be used on rear-projection, floor-standing video displays, or even within entertainment cabinetry.



IntelliBeam™ optimizer microphone

The YSP-1000 and YSP-800 are available in black or silver finish to complement most video display colors.



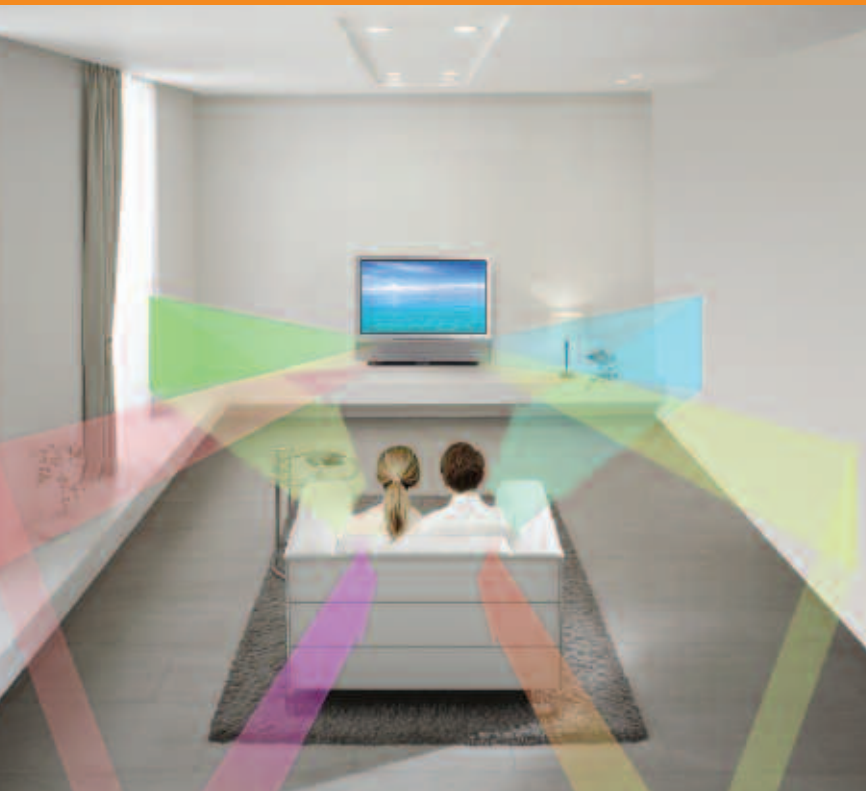
Sound is beamed off the walls to create the effect of a surround system with rear speakers

The new Digital Sound Projectors from Yamaha provide true multi-channel surround sound from one elegant component. This system uses the latest technology to accurately control sound by focusing it into sound beams. These sound beams are then reflected off of your room's walls, and each channel is given separate

direction. The result? Acoustically ideal, true multi-channel surround sound that you hear from all around you. And, with IntelliBeam™ to automatically calibrate your system, set-up becomes a breeze. No extra speakers, No extra wires. Just the enjoyment of a simplified home theater system from Yamaha.

projecting reflecting sound

a multi-channel solution for every room



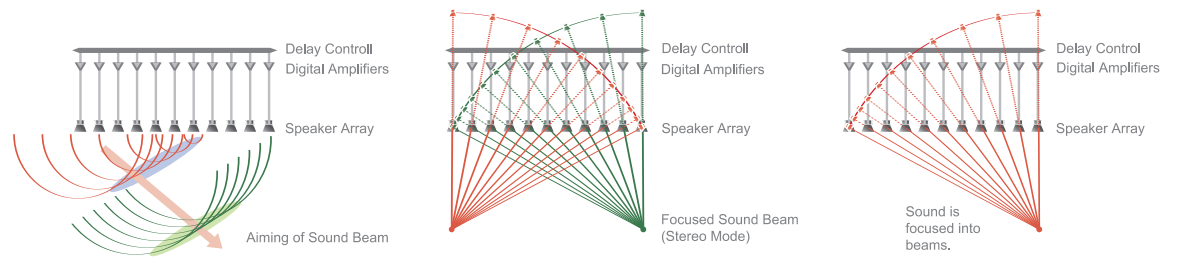
A subtle blue LCD keeps you informed of your current surround setting and volume level without interfering with your viewing enjoyment.



YSP-1000 SHOWN

A MULTI-CHANNEL SOLUTION FOR EVERY ROOM

The Yamaha Digital Sound Projectors employ multiple small speakers, each with its own digital amplifier, and our unique projection technology to control the orientation of the sound. By focusing the sound into "beams" and controlling the speaker delay times, the listener perceives the sounds to be coming from additional speakers placed throughout the room, when in fact there is only the Yamaha Digital Sound Projector.

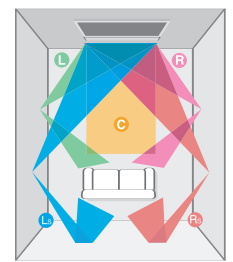


Sophisticated Digital Sound Projector technology precisely controls the direction of the sound by focusing it into beams. The sound is both direct and reflected off the walls so the listener hears sound from the front, sides and back. The result is true multi-channel surround sound that is just like a

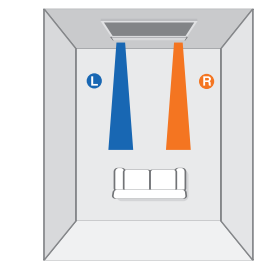
multi-speaker system – without the need for extra speakers or cables. Multiple channels (two channels in the "stereo mode" figure) are overlaid to recreate the desired sound. In a multi-channel configuration, the sound beams are placed together, recreating the sound of multi-channel surround.

MULTIPLE BEAM MODES FOR ANY ROOM SITUATION

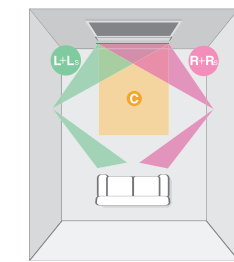
Five-Beam: All five channels--L, R, C, Ls and Rs--are given separate orientations. Sound is beamed off the walls to create the effect of a surround system with rear speakers.



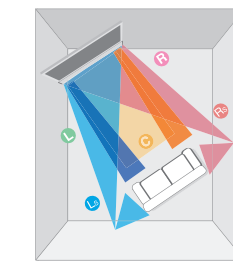
FIVE-BEAM



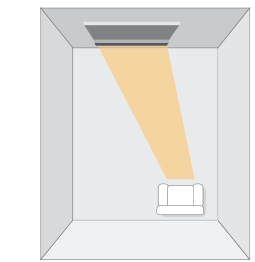
STEREO



THREE-BEAM



STEREO + THREE-BEAM



TARGET MODE

Stereo: The left and right woofers, with the multiple beam speakers acting as tweeters, reproduce the effect of conventional stereo speakers.

Stereo + Three-Beam: The L and R channels are produced using stereo mode while C, Ls and Rs are produced using beaming. This mode is effective when the YSP is placed in a corner.

Three-Beam: Three beams are produced: L+ Ls, R+ Rs and C. Reflecting the sound off the walls creates a surround sound effect.

Target Mode: A single beam is focused on one specific direction providing a specific area with audio from the YSP... great for listening outside the normal preset area.

technically sophisticated highly **simplified**

bouncing off the wall ... redefined



EASY TO SET UP

Setting up the Yamaha Digital Sound Projector is much easier than a conventional home theater system because multiple speakers and extra wiring are eliminated. Installation of this system is so versatile that you can place it next to, or on top of, your video display... or if you have a wall mounted flat panel video display you can use the optional wall-mount bracket to place it securely on the wall. No matter if your room is square or rectangular, or if you have to place your Digital Sound Projector in a corner or another part of the room, the system is flexible enough for virtually any room configuration.



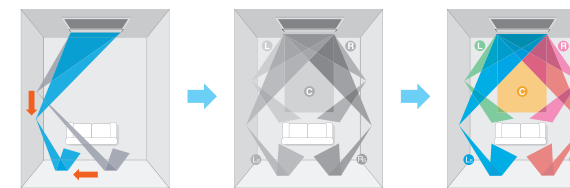
IntelliBeam™ Microphone Included

IntelliBeam™

IntelliBeam™: AUTO SYSTEM CALIBRATION

Yamaha's exclusive IntelliBeam™ feature ensures optimum multi-channel reproduction with accurate image localization. By monitoring the sound with the supplied microphone and analyzing it, IntelliBeam™ automatically sets the best beam angles and mode, and optimizes the level and frequency response of each beam. This makes initial setup both extremely simple and acoustically perfect. Manual setup is also possible.

Left: Each sound beam is precisely directed.
Center: Total sound beam effect is optimized.
Right: Sound is monitored and analyzed, after which frequency response and other parameters are optimized for the room.



AN EASY BLEND

It's not just about how it sounds... it's also about style, and how well your Digital Sound Projector complements a wall or stand-mounted plasma, LCD or rear-projection video display. With slim, contemporary design, the YSP component becomes an elegant statement of the latest in home theater technology. And, since it's a self-contained system, you can take your Digital Sound Projector with you if you move!



these walls could speak

its merit speaks for itself

Yamaha's unique Digital Sound Projector garnered several prestigious awards from technology editors and publications at the 2005 International Consumer Electronics Show (CES), including Best of Show from G4 TechTV.

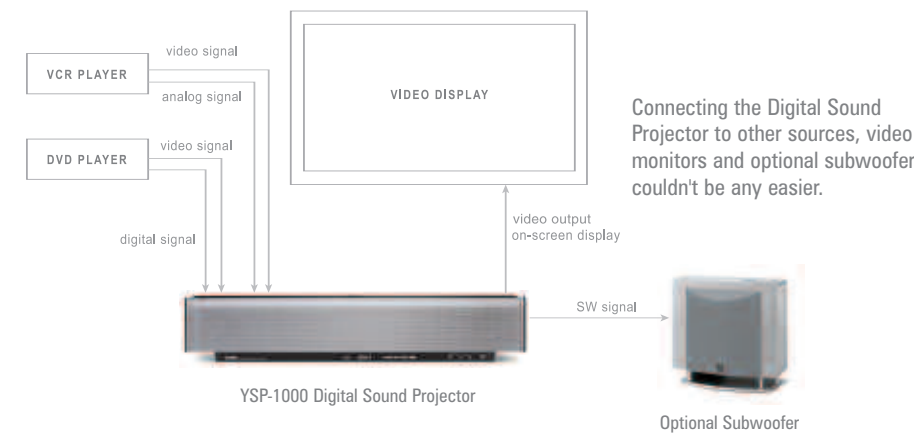


Clear movie dialog, well placed surround sound effects and perfect music reproduction... the built-in surround sound decoders for Dolby Digital, DTS Neo:6, Dolby Pro Logic II, and Yamaha's own unique CINEMA DSP are all for your personal enjoyment, courtesy of Yamaha and your own walls.



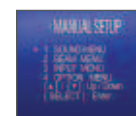
TRUE MULTI-CHANNEL SURROUND SOUND ENJOYMENT FROM A COMPACT COMPONENT

The Digital Sound Projector delivers multiple channels of sound that surround listeners the same way that front, center and surround speakers do in a multiple speaker setup. With a wide range of optimum listening positions, thanks to the large number of audio "sweet spots", the Digital Sound Projector is a great solution for any room.



SIMPLE CONNECTION AND VIDEO INPUT SELECTION WITH ON-SCREEN DISPLAY

Connecting the Digital Sound Projector is much simpler than connecting conventional home theater systems because multiple speaker cables are not necessary. Completely compatible with DVD, satellite and cable TV broadcasts, the Digital Sound Projector even offers an on-screen menu that provides easy access to a wide range of customizable features.



The YSP-1000 is so versatile that it incorporates video switching of the two component inputs to a component output, or three composite inputs to a composite output that allow for easy compatibility with your video monitor.

For easy navigation of the setup menus, both the YSP-800 and YSP-1000 provide access to the menus using an on-screen display.

VOLUME MODES

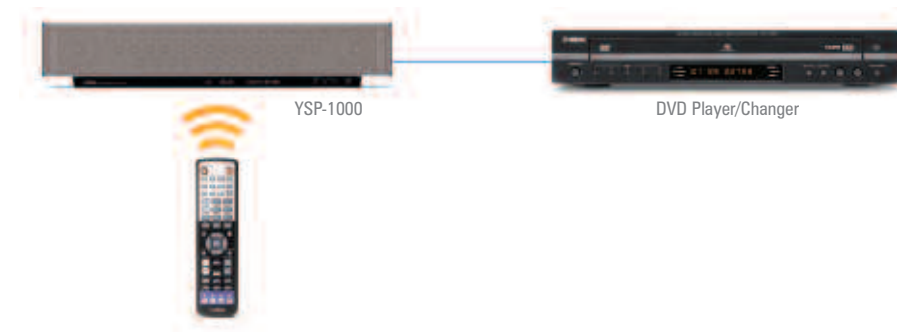
During low-volume listening, such as late night viewing, dynamic range suffers and you may lose some sounds. The Night Listening Enhancer offers two settings, Cinema and Music, with three levels of selection that ensures you don't miss movie dialogue, quiet segments, or the

overall surround sound experience. The new TV Equal Volume mode has been added to the Digital Sound Projectors to prevent sudden bursts of loud sounds occasionally experienced when a commercial comes on while viewing your favorite shows.

YSP-1000 CUSTOM INSTALLATION COMPATIBILITY

The YSP-1000 supports IR pass-through signal transmission that allows for the convenient operation of other components. Once the Remote Control Sensor receives an IR signal on the front panel, it is then

directly output through the IR-OUT terminal to control the other devices. An RS-232C interface is also provided for custom control applications.





The **YSP-1000** advanced digital design incorporates digital amplifiers that power 42 speaker drivers with a total of 120 Watts of highly efficient power.

7 CINEMA DSP PROGRAMS, DOLBY DIGITAL AND DTS

Yamaha's acclaimed CINEMA DSP technology recreates thrilling and realistic surround sound in your room. 7 CINEMA DSP programs are available on the YSP-1000, which is also compatible with Dolby Digital, DTS, Dolby Pro Logic II and DTS Neo:6 surround sound formats.

COMPATIBLE DECODING FORMATS 7 CINEMA DSP PROGRAMS

Dolby Digital	MUSIC	Concert Hall
DTS Digital Surround		Music Video
Dolby Pro-Logic		Jazz Club
Dolby Pro Logic II Music	MOVIE	Spectacle
Dolby Pro Logic II Movie		Sci-Fi
Dolby Pro Logic II Game		Adventure
DTS Neo:6 (Music)	SPORTS	Sports
DTS Neo:6 (Cinema)		

MAIN SPECIFICATIONS

Speakers Section	1-5/8" x 40 drivers 4-3/8" x 2 woofers
Digital Amplifier	120 W total power: 2 W x 40 + 20 W x 2
Dimensions (W x H x D)	40-9/16" x 7-5/8" x 4-5/8" 1,030 x 194 x 118 mm
Weight	28.7 lbs.; 13 kg



The YSP-1000 rear panel offers 2 optical/1 coaxial digital and 2 analog audio input terminals, and 2 component video and 3 composite video output terminals, subwoofer output terminal, IR port, and RS-232C interface.



SPM-K1 Optional Wall Hanging Bracket for YSP-1000



The **YSP-800** incorporates digital amplifiers that power 21 beam drivers at 2W each and two woofers at 20W each, a total of 82 Watts of power. Its advanced digital design is highly efficient and keeps distortion to an absolute minimum.

3 CINEMA DSP PROGRAMS, DOLBY DIGITAL AND DTS

Yamaha's ultrasophisticated CINEMA DSP technology creates thrillingly realistic soundscapes in your room. Three CINEMA DSP programs are available (Movie, Music and Sports). The YSP-800 is compatible with Dolby Digital, DTS, Dolby Pro Logic II (Movie, Music and Game) and DTS Neo:6 (Cinema and Music) sound formats.

COMPATIBLE DECODING FORMATS 3 CINEMA DSP PROGRAMS

Dolby Digital	MUSIC
DTS Digital Surround	
Dolby Pro-Logic	MOVIE
Dolby Pro Logic II Music	SPORTS
Dolby Pro Logic II Movie	
Dolby Pro Logic II Game	
DTS Neo:6 (Music)	
DTS Neo:6 (Cinema)	



MAIN SPECIFICATIONS

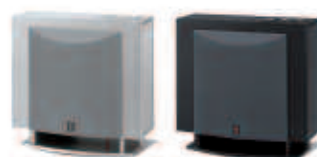
Speakers Section	1-5/8" x 21 drivers 3-15/16" x 2 woofers
Digital Amplifier	82 W total power: 2 W x 21 + 20 W x 2
Dimensions (W x H x D)	31-1/2" x 6" x 4-1/2" 800 x 153 x 115 mm
Weight	19.8 lbs.; 9 kg



The YSP-800 connection panel offers SmartBeam optimizing microphone, 2 optical/1 coaxial digital and 2 analog input terminals and subwoofer output for connecting the optional Yamaha YST-FSW100 subwoofer.



SPM-K8 Optional Wall Hanging Bracket for YSP-800



The YST-FSW100 is available in silver or black finish.

While there is a dazzling amount of advanced technology contained in the Digital Sound Projector, its main purpose is still to provide easy, non-intrusive multi-channel home theater enjoyment. The Digital Sound Projector, another revolutionary approach from Yamaha for bringing life-like movie and music entertainment into your home. Bouncing off the walls just took on a whole new meaning.

**Think six-speaker home-theater systems are impressive?
Yamaha's new Digital Sound Projector puts 42 of them in a single sleek,
wall-mountable enclosure to deliver the surround-sound
experience – with zero wires** Men's Journal, September 2005 Issue

