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

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.
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. 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.

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.

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

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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.

**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, R, Ls and Rs. 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 sound from the YSP... great for listening outside the normal preset area.
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!

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, 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.

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.

IntelliBeam™ Microphone Included

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.

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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. 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.

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

Connecting the Digital Sound Projector to other sources, video monitors and optional subwoofer couldn’t be any easier. An RS-232C interface is also provided for custom control applications.
The YSP-1000 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.

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-1000 is compatible with Dolby Digital, DTS, Dolby Pro Logic II (Movie, Music and Sports) and DTS NEO:6 (Cinema and Music) sound formats.

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.

Three CINEMA DSP programs are available (Movie, Music and Sports). The YSP-1000 is compatible with Dolby Digital, DTS, Dolby Pro Logic II (Movie, Music and Sports) and DTS NEO:6 (Cinema and Music) sound formats.

MAIN SPECIFICATIONS
Speakers Section 1-5/8" x 21 drivers 4-3/8" x 2 woofers
Digital Amplifier 120 W total power: 2 W x 40 + 20 W x 2
Dimensions 40-9/16" x 7-5/8" x 4-5/8" (W x H x D) 1,030 x 194 x 118 mm
Weight 28.7 lbs.; 13 kg

7 CINEMA DSP PROGRAMS
- MUSIC Concert Hall
- Music Video
- Jazz Club
- MOVIE Spectacle
- Sci-Fi
- Adventure
- SPORTS Sports

3 CINEMA DSP PROGRAMS
- MUSIC
- MOVIE
- SPORTS

COMPATIBLE DECODING FORMATS
- Dolby Digital
- DTS Digital Surround
- Dolby Pro-Logic
- Dolby Pro Logic II Music
- Dolby Pro Logic II Movie
- Dolby Pro Logic II Game
- DTS Neo:6 (Music)
- DTS Neo:6 (Cinema)