

Pioneer *sound.vision.soul*

PDSP-1 Digital Sound Projector



Pioneer
Digital Sound Projector

PDSP

FREE YOUR SOUND. FREE YOUR SPACE.

Pioneer's Digital Sound Projector is unique. It's revolutionary. It will change the way you listen to sound forever. Its truly holographic surround sound complements not only your taste but your space. Look around. In place of loudspeakers there's only one sleek panel. Instead of cables and loudspeakers all around your room, sound beams envelop you in a three-dimensional soundfield. With PDSP-1, you're right there in the action when playing DVD-Videos. There's more. You can preset the sound settings to fit your needs at different times. What accounts for such staggering accomplishment? Nothing less than state-of-the-art electronics and digital processing technology. One day, all audio will be this lifestyle-conscious. Why wait? With Pioneer Digital Sound Projector, you can hear the future now.



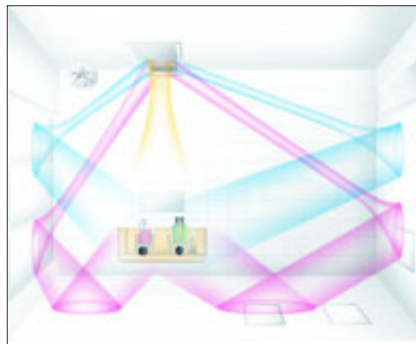
Thoroughly innovative, totally unconventional.



BEAM CONTROL TECHNOLOGY

The PDSP-1 is quite exceptional in reproducing true surround sound from a single panel. Unlike any other traditional surround system it doesn't mandate a narrowly fixed listening position. The Pioneer Digital Sound Projector produces surround sound within the full listening area. One's entire living space will be filled with three-dimensional surround sound created by sound beams which can be directed and are reverberated off the walls and ceiling, and any other surface.

NEWLY DEVELOPED
"BEAM CONTROL TECHNOLOGY"
- CHANGING YOUR LIVING ROOM INTO A THEATRE

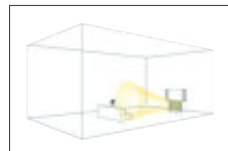


5 SOUND BEAMS
THAT MAKE 5.1 CH SURROUND ALIVE

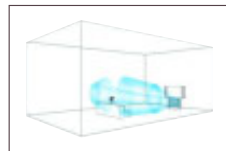
Upon installation several settings will be set, taking the outline and acoustics of the room and the listener's preferences into consideration. According to the number of people in the room, the sound beams can be widened or made more narrow. To generate perfect surround sound the rear surround channels are created by sound beams reflecting off the ceiling and the side/back walls. For the front channels, beams will be reverberated off the side walls to reach the listener from left and right.

The sound beams are created by 254 individual loudspeaker units, embedded within the sound panel, each of which is driven by a separate compact digital amplifier. Simply hook up the digital audio output of a DVD-Video player and indulge in the first-ever, all-digital surround sound experience – since there is no longer any intermediate conversion from digital to analogue.

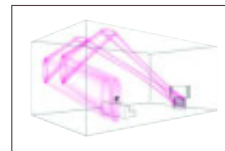
For the ultimate surround sound experience from DVD-Videos the PDSP-1 includes built-in multi-channel digital decoding for Dolby Digital and DTS. Two-channel sources (from stereo TV receivers, for example) can also be processed for Dolby Pro Logic II surround sound reproduction.



CENTRE CHANNEL



FRONT LEFT & RIGHT CHANNEL



REAR LEFT & RIGHT CHANNEL

Aesthetic flexibility. Experience it.



Conventional systems rely on multiple speakers in rigid configurations, connected by clutters of wires and cables. Up to now, you couldn't avoid it. With Pioneer's Digital Sound Projector the future opens wide. So does your space. Sound comes from any direction – even windows where you couldn't usually position a loudspeaker. And here's another world's first – the most realistic wireless home theatre – brought to you by Pioneer 50" Plasma-TV and Pioneer Digital Sound Projector. Only a radical new approach to speaker technology could create surround sound so impactful yet so aesthetic. You've never heard – or seen – anything like it before.



**PDSP-1 IN COMBINATION WITH PIONEER 50" PLASMA-TV SCREEN.
PDSP-1 MOUNTED ON THE WALL**



**PDSP-1 AND PIONEER 50" PLASMA-TV SCREEN MOUNTED
ON A CUSTOM-MADE STAND**



**PDSP-1 IN COMBINATION WITH SOUND TRANSPARENT PROJECTION SCREEN.
PDSP-1 MOUNTED ON THE WALL**

PDSP-1 Pioneer Digital Sound Projector



- Dimensions:
963 (W) x 640 (H) x 146 (D) mm
- Weight:
50 kg (including Front Grille)



PDSP-1 side view and frontal view in combination with Pioneer Pure Vision Plasma-TV. Grille standard included

Pioneer Pure Vision Plasma-TV



PDP-503HDE. 50"/127 cm Plasma-TV



- Display dimensions:
1218 (W) x 714 (H) x 98 (D) mm
- Weight:
38.9 kg

PDP-433HDE. 43"/109 cm Plasma-TV



- Media receiver dimensions:
420 (W) x 70 (H) x 332 (D) mm
- Weight:
4.4 kg



- Display dimensions:
1070 (W) x 630 (H) x 98 (D) mm
- Weight:
31.5 kg

COMPATIBLE AUDIO INPUT FORMATS

- Digital inputs: PCM (mono/stereo), Dolby Digital, DTS
 - Analogue inputs: mono or stereo (converted internally to 24-bit 48 kHz PCM)
- Optional Dolby Pro Logic II decoding to provide surround sound listening for all analogue and digital stereo sources

AUDIO AND VIDEO INPUTS

- 1 x digital optical audio input (Input 4)
 - 1 x analogue audio input L+R (Input 5)
 - 1 x auto-sensing digital optical audio input and analogue L+R audio input (Input 2)
- Each of these inputs provides associated S-video and composite video switching

AUDIO ONLY INPUTS

- 1 x digital coax audio input (Input 1)
- 1 x digital optical audio input (Input 3)

AUDIO OUTPUTS

- 2 x subwoofer analogue outputs
- 1 x optical digital S/P-DIF output, which passes the selected digital input (if any)

VIDEO OUTPUT

The selected Video Input (if any) is passed to the composite /S-video output, with the on-screen display superimposed on it

THIRD-PARTY CONTROL PORT AND SERVICE CONNECTION

RS-232

SOUND PRESSURE LEVEL OUTPUT

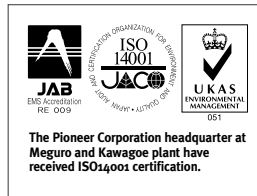
Peak SPL 115 dB at 1 m at 1 kHz

NOTE: The Pioneer PDSP-1 is sold with the understanding that all aspects of installation and connection, surround calibration and set-up are to be performed by a professional with specialized technical training. Please consult your dealer/installer for further details and advice. The Pioneer Digital Sound Projector PDSP-1 makes use of sound beams which are reflected of the surfaces in the room. Both the lay-out and the acoustic characteristics of the room may limit the PDSP-1's usability within that specific environment. Placing objects in the defined trajectory of the beams, as well as adding or removing elements with high sound reflective or absorbing characteristics (other than those taken in into account within the customized presets) will impact the (surround) sound.

GREAT BRITAIN: PIONEER GB Limited, Pioneer House, Hollybush Hill, Stoke Poges, Slough, Buckinghamshire SL2 4QP. Tel.: +44 (0)1753 789 789.

www.pioneer.co.uk

PIONEER EUROPE NV: Haven 1087, Keetberglaan 1, B-9120 Melsele. Belgium. Tel.: +32 (0)3 570 05 11.



For detailed information concerning Pioneer's Environmental policy, please visit the following site: <http://www.pioneer.co.jp/environment/e/>

www.pioneer-eur.com

Published by:
PIONEER EUROPE N.V.
Haven 1087, Keetberglaan 1, B-9120 Melsele
Tel.: + 32 (0)3 570 05 11
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