

SonicXplosion DVD

World's First Complete Home Cinema Sound Card



Building on the success of SonicFury – the first high-performance 6-channel sound card – comes SonicXplosion DVD, the world's first complete home cinema sound card. Now you can watch movies on your DVD-ROM enabled PC complete with exhilarating cinema-style 5.1 channel surround sound.

With DTS (Digital Theater Systems), Dolby Digital, Dolby Pro Logic II and Dolby Headphone audio processing, SonicXplosion DVD supports all the latest surround sound audio standards and brings surround sound music as well as home cinema to your PC. Connect SonicXplosion DVD to your 5.1 channel speakers and not only will you enjoy home cinema but you'll be able to play your MP3s and CDs in exhilarating surround sound through up to six speakers or headphones.

Perfect for watching DVDs, SonicXplosion DVD is also a complete PC sound solution for all your 3D gaming and music needs. With its powerful SoundFusion DSP, optical input and output and its extensive collection of software, you'll be able to immerse yourself in the latest games, turn your PC into a personal music studio, or just play and enjoy your DVDs, MP3s and CDs.

DTS

SonicXplosion DVD is the first ever sound card to include support for DTS audio decoding for video and music. DTS is the premium 5.1 channel format featured on many collector's and special edition music and movie DVDs.

Dolby Digital

No other sound card provides full 5.1 Dolby Digital decoding straight out of the box. Dolby Digital is the standard audio format included on almost all DVDs and provides six channels of crystal clear digital surround sound from your PC.

Dolby Pro Logic II

Dolby Pro Logic II, previously only found on high-end hi-fi systems, provides six channels of surround sound from any stereo source, including CD, WAV, MP3 files or movies.

Dolby Headphone

Dolby Headphone surround sound technology eliminates listener fatigue and enables you to enjoy spacious virtual surround sound through conventional stereo headphones.

Optical digital input and output

Digital connections provide cleaner sound reproduction for music editing and playback. Other connectors include two CD audio inputs, auxiliary input, 2-pin digital CD drive input and amplified headphone out.

Advanced DSP-based design

SonicXplosion DVD is built around a powerful Crystal SoundFusion DSP that provides optimal hardware acceleration for the type of audio processing required, whether DirectSound 3D for games, MP3 decode for music tracks or wavetable effects for MIDI. The programmable DSP also allows for firmware upgrades to keep pace with changing audio standards.

Ideal for 3D gaming

Full support for all 3D gaming standards, including DirectSound 3D, EAX and A3D. Complete with Sensaura MultiDrive, MacroFX and Virtual Ear 3D positional audio technologies. Separate MIDI/joystick port also included.

Outstanding customer support

SonicXplosion DVD includes a 5 year warranty and the very best support including technical support hotline, Internet web site and ftp.



www.pure-digital.com

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Technical Specifications

Minimum system requirements: Intel Pentium® III, AMD K6 III 500 or equivalent processor; 64 MB RAM; Windows 98SE/ME with DirectX 8.0 or higher or Windows 2000/XP; PCI 2.1 expansion slot; headphones or amplified speakers. DVD-ROM drive required for DVD video playback. Six speaker system required for 5.1 audio output.

Audio processor: High-performance Cirrus Logic Crystal CS4630 audio DSP with 96 stream DirectSound/DirectSound3D acceleration and 64 voice hardware wavetable engine.

MIDI wavetable synthesizer: Up to 976 software voices and 64 hardware voices with high-quality 8 MB sample set supplied (custom up to 8 MB).

Digital audio: 8/16-bit playback and recording at up to 48 kHz (mono/stereo). Extended full duplex at playback and recording (mono/stereo). Recording and playback of all audio sources.

Driver/control panel features: Volume control for all sources. 10-band stereo equalizer with presets. Choice of configuration for 2, 4 or 6 speakers, each DSP optimised for quality. Speaker positioning and testing feature. Optional copyright protection on recordings.

External connectors: Optical 48 kHz digital out (Toslink) with AC-3 pass through support; optical 32, 44.1 or 48 kHz digital in (Toslink). Three stereo line out jacks. Switchable line in or amplified headphone out stereo jack. Mic in jack (mono). Separate WaveBlaster™ compatible 15-pin MIDI/joystick port with DirectInput acceleration; analogue/digital joystick interface; MPU-401 compatible (UART mode); SoundBlaster™ compatible MIDI interface.

Internal connectors: Digital in (32, 44.1 or 48 kHz) for CD audio input. 2 inputs for analog CD audio input (MPC3). Aux in (MPC3). Wavetable connector (WaveBlaster™ pin compatible).

Amplifier: 2 x 60 mW headphone amplifier.

High performance drivers: Microsoft Windows 98SE/ME/2000/XP, DirectSound, DirectSound3D, A3D™ 1.0/2.0, EAX™ 1.0/2.0, I3DL2, General MIDI, MPU-401, DLS 1.0, Sensaura MacroFX™, MultiDrive™, Sensaura 3D™, Sensaura EnvironmentFX™ and SoundBlaster™/SoundBlaster Pro™ compatibility.

Bus architecture: 32-bit PCI local bus 2.1, 2.2. PCI Bus Power Management Interface Specification 1.0.

Approvals: PC 2001 compliant. Compliant with EMC directive (CE).

Technical support: Technical hotline and online support at www.pure-digital.com.

Warranty: Five years.

Powered by



SOFTWARE INCLUDED

WinDVD* - DVD video and 5.1 channel audio playback on your PC.

Storm* virtual music studio - Drag and drop to create your own virtual music studio, adding virtual synthesizers, drum machines, sample sequencers, scratch decks, and more...

Jet-Audio* - An award-winning media-player that provides a complete hi-fi separates system on your PC.

VideoLogic IP Phone* - Call any phone from your PC and save up to 75% on international call rates.

ACID Xpress - Produce, arrange and edit your own music.

Cool Edit 2000 - Recording studio for editing, cleaning up, mastering and exporting to MP3 and other formats.

FruityLoops - MP3, WAV, MIDI loop editor with stunning, photorealistic interface.

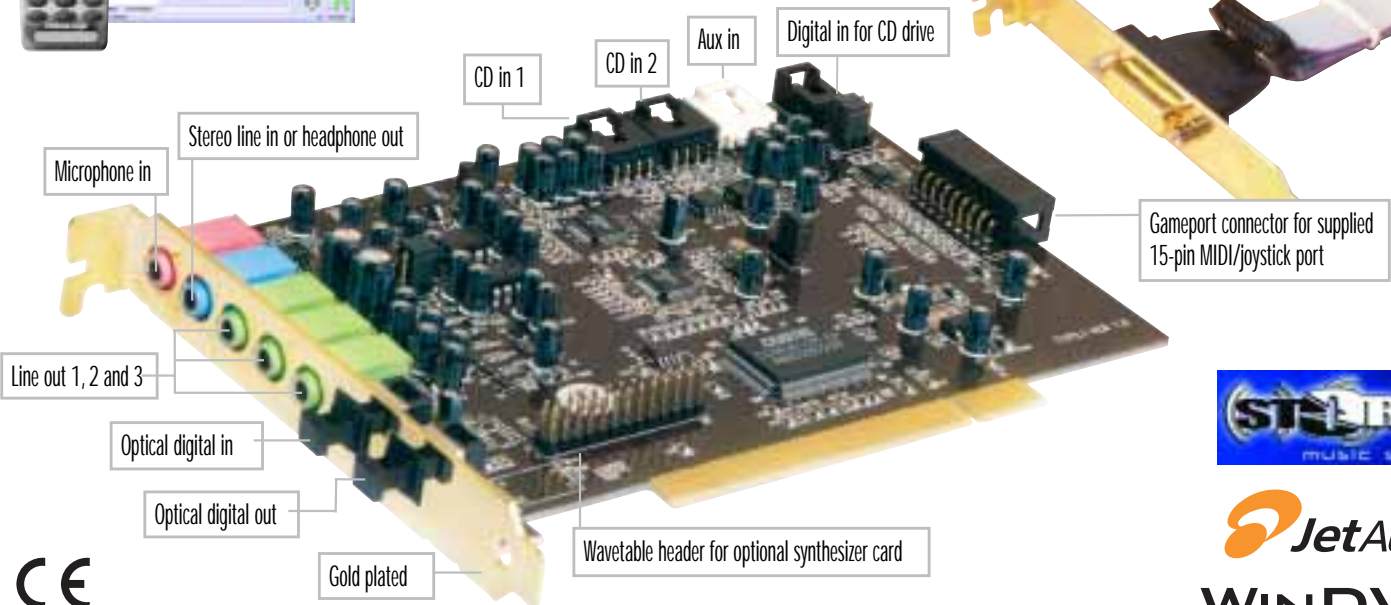
Cubasis Inwired - Recording and production studio with an online session manager.

Pianito MicroStudio - A piano synthesizer and drum machine sequencer with 24 tracks lets you create your own songs in minutes.

van Basco's Karaoke* - Make and play your own karaoke.

And many more...

* Full version



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