seismic edge
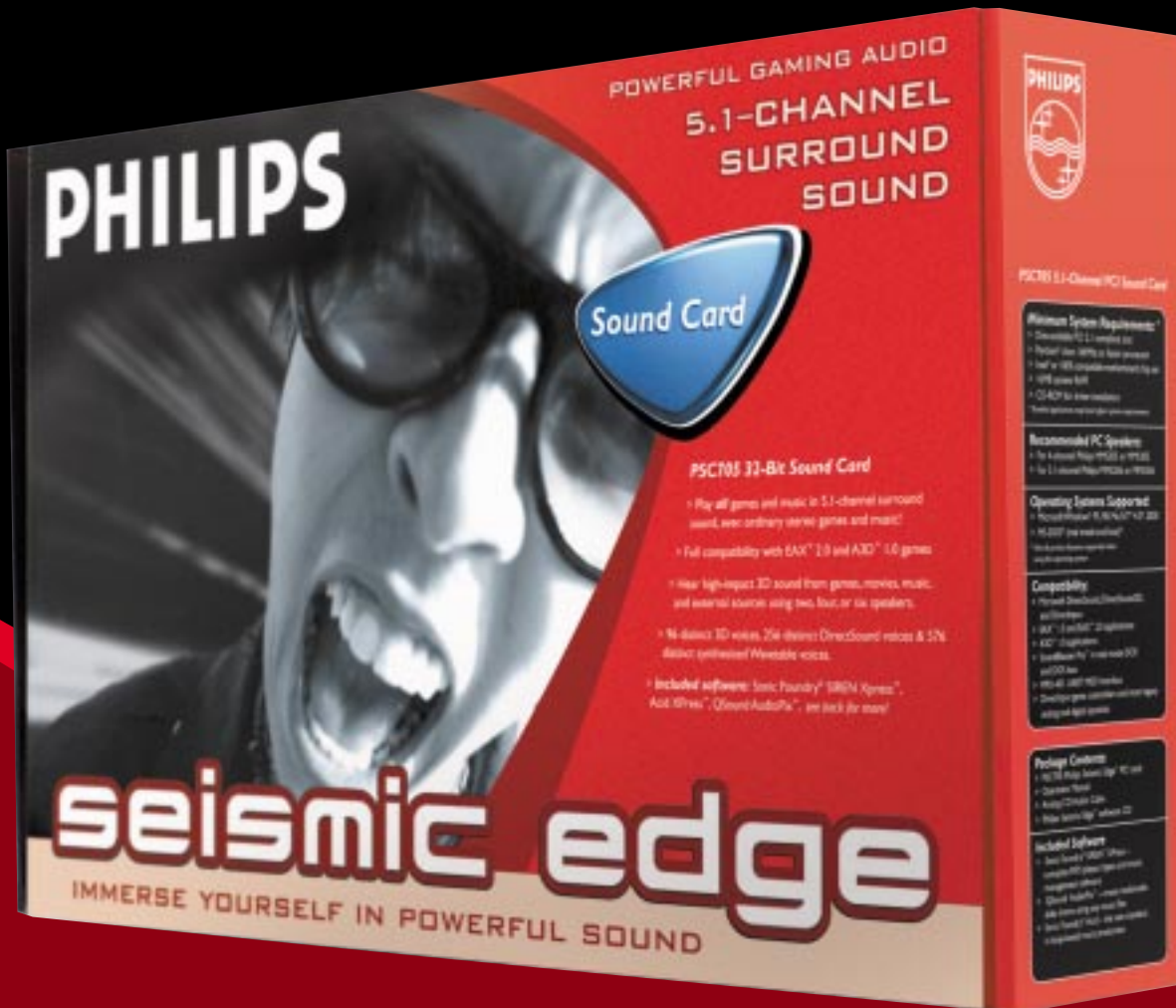
5.1-Channel PCI Sound Card

- Play all games in 5.1-channel surround sound, including EAX™ 2.0, A3D™ 1.0 and even ordinary stereo games!

- Full compatablility with EAX™ 1.0, EAX™ 2.0 and A3D™ 1.0 games

- Hear high-impact 3D sound from games, movies, music, and external sources using two, four, or six speakers.

- 96 distinct 3D voices, 256 distinct DirectSound voices & 576 distinct synthesized Wavetable voices.

- Included software: Sonic Foundry® SIREN Xpress™, Acid XPress™, QSound AudioPix™.

seismic edge

Let's make things better.

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seismic edge

5.1-Channel PCI Sound Card

PSC**705**

Arouse your senses. Make your games come to life with the excitement of full-blown home cinema. Seismic Edge supports the latest multi-channel audio games and DVD movies, and can transform stereo sources into deep-immersion 5.1-channel surround sound. (5.1 refers to five main speakers – front left, right and center, and rear left and right – and one bass subwoofer.) All this without straining your computer's resources, because complex audio demands are handled onboard by Seismic Edge's powerful computing chip. You've never experienced games like this before!

Experience state-of-the-art 360° Surround Sound. An embedded, patented QSound algorithm extracts complex and distinct 5.1-channel information from stereo or ProLogic sources. Coupled with the unique QMSS algorithm, the Seismic Edge analyzes stereo mixes and places sound effects in convincing three-dimensional space.

QSound algorithms will give you unmatched 3D audio realism for games and movies using any speaker configuration from two to six speakers. For true 5.1 multi-channel sound, add 5.1 channel surround speakers and Seismic Edge will transform your PC into your PHT (personal home theater).

The power behind Seismic Edge is the Philips ThunderBird Avenger™ audio accelerator. This powerful DSP (Digital Signal Processor) can process up to 256 sounds simultaneously with minimal consumption of your computer's power. An extreme hardware accelerator assures high-fidelity audio and frees your computer to concentrate its power on better graphics and game speed. With up to 96 available concurrent 3D streams, and with EAX™ 1.0, EAX™ 2.0 and A3D™ 1.0 game compatibility, Seismic Edge delivers the most powerful audio force available today for the most intense game experience possible. Turn your games into a true home theater experience!

Manage your music portfolio. SIREN™ XPress software can create, play and manage your entire audio portfolio – Internet downloads, MP3, CDs and more.

Make your own MP3 music slide show. Use the enclosed AudioPix software to combine digital images with MP3 music for the ultimate multimedia presentation or music video.

Create your own music. Sonic Foundry's Acid Xpress software is the new standard in loop-based music production. Work with hundreds of pre-recorded loops to mix your own music.

www.philipsusa.com
www.pcsound.philips.com

PSC705 PCI Sound Card

Technical Specifications

Digital Acceleration
- 96 streams of 3D audio acceleration including reverb, obstruction, and occlusion
- 256 streams of DirectSound accelerations and digital mixing
- Full-duplex, 48khz digital recording and playback
- 64 hardware sample rate conversion channels up to 48khz
- Wavetable and FM Synthesis
- DirectInput devices

Comprehensive Connectivity
- 5.1-channel (6 channel) analog output
- Digital S/PDIF output (stereo, AC3 or DTS signal)
- Dual Midi/Gameport
- Additional external inputs: Line in, Mic in
- Additional internal inputs: CD in, Aux in, TAD in
- Special effects can be applied to any audio input including conversion of stereo to quadraphonic or 5.1 output, QXpander, and reverb

Music Synthesis
- Up to 576 total wavetable synthesis voices
- Reverb and chorus
- 64 channel hardware CD quality (16 bit, 44.1khz) wavetable synthesizer with 5.9MB sample set
- Hardware FM Synthesizer (real mode DOS)
- 512 voice professional quality soft-synth with XG and GM compatibility

Digital Signal Processor Algorithms
- QSound3DInteractive™ positional 3D for 2 speakers, 4 speakers or 5.1 speakers
- QSound Multi Speaker System™ for quadraphonic or 5.1 channel output of stereo music, video and games
- QSound Environmental Modeling for EAX™ and DirectSound3D™ games
- QXpander™ for 3D enhancement of stereo playback
- QSurround™ virtual 5.1 playback of DVDs using 2 speakers*
  * Soft DVD player required

Minimum System Requirements:*
- One available PCI 2.1 compliant slot
- Genuine Intel® Pentium® class 166Mhz or faster processor
- Intel® or 100% compatible motherboard chip set
- 16MB system RAM
- CD-ROM drive for driver installation
  * Bundled applications may have additional system requirements

Operating Systems Supported:
- Microsoft Windows® 95, 98, NT® 4.0*, 2000, Me
- MS-DOS® (real mode and box)*
  * Not all product features supported when using this operating system

Compatibility:
- Microsoft DirectSound, DirectSound3D, and DirectInput
- EAX™ 1.0 and EAX™ 2.0 applications
- A3D™ 1.0 applications
- SoundBlaster Pro™ in real mode DOS and DOS box
- MPU-401 UART MIDI Interface
- DirectInput game controllers and most legacy analog and digital joysticks

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