

# rhythmic edge

PSC 702

## 3D PCI Sound Card

- Exceptional 3-dimensional sound using stereo speakers or headphones
- 3D enhancement of 2D games, music and movies
- Powerful chip design delivers 64 distinct 3D voices, 128 distinct DirectSound voices, and 576 distinct Wavetable voices
- Extreme hardware acceleration using Philips ThunderBird Q3D™ Digital Signal Processor (DSP)
- Music portfolio management made easy with SIREN™ XPress MP3 software



Let's make things better.



**PHILIPS**

## 3D PCI Sound Card

**Experience intense gaming and concert effects.** Rhythmic Edge provides the most powerful 2-channel 3D audio available, with intense game sound effects and concert hall realism for all genres of music. You'll hear every creaking door and screeching tire in your favorite game, and you'll be able to pick out every detail from the latest jam session.

**Breeze through complex audio demands.** Rhythmic Edge effortlessly delivers up to 64 individual 3D voices, 128 individual DirectSound voices, and 576 individual wavetable voices, while processing enhancements such as "positional 3D" within the card itself.

**Supercharge your computer.** An unusually powerful chip design assumes the load of calculations that other sound cards normally force onto the host computer. This design relieves your computer of performing enormously complex audio processing – resulting in noticeably faster, richer gaming effects and more convincing three-dimensional audio sound fields.

**Manage your music portfolio.** Enclosed SIREN™ XPress software can create, play and manage your entire audio portfolio – Internet downloads, MP3, CDs and more – directing Web sources straight to your hard drive, and applying your custom filters to playback, cataloging and manipulation.

**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. Transform wedding and vacation photos into a musical slide show that can be played back using the Windows Media™ Player.

**SIREN™ XPress Music Management Software.** Record CDs and other music straight to your hard drive at the highest-possible quality – save songs at near CD-quality (2 minutes per MB) or at full CD-quality (1 minute per MB) Use it to create your own library of music! Add names of the song, artist, album and genre type to each track in your library. Enter information yourself, or use SIREN™ XPress CDDB link to get the data directly over the Internet. Then, organize your music collection with SIREN™ XPress' powerful music management engine. Use sorting, grouping and filtering to organize thousands of songs quickly.



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[www.philipsusa.com](http://www.philipsusa.com)

## Technical Specifications

### Audio Accelerator/Digital Signal Processor

- PHILIPS ThunderBird Q3D™ DSP for Extreme Hardware Acceleration

### Codec

- AC97 CODEC

### Digital Acceleration

- 64 streams of 3D audio acceleration
- 128 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

### 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 3-D for two speakers or headphones
- QSound Environmental Modeling for EAX™ and DirectSound3D™ games
- QXpander™ and 2D to 3D remapping for 3D enhancement of stereo playback

### System Requirements:

- One available PCI 2.1-compliant slot
- Genuine Intel, Pentium class 133Mhz or faster processor
- Intel or 100% compatible motherboard chip set
- 16MB system RAM
- CD-ROM for driver installation



Recommended Speaker Set -  
Philips MMS203 3-piece PC Speaker System

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