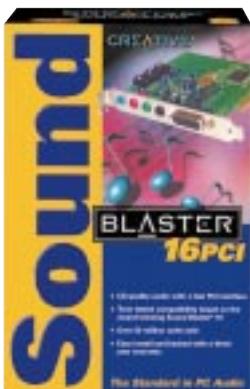


## The Standard in PC Audio

Based on the award-winning, Sound Blaster 16 technology, the Sound Blaster 16 PCI delivers the same high quality audio with the performance increase of the PCI bus. Sound Blaster 16 PCI provides CD-quality stereo sound with low CPU utilization and great wave-table music that is ideal for home, business, and Internet applications. Sound Blaster 16 PCI allows you to hear the difference, with better sounding music and multimedia in your Windows applications.

Full Plug-and-Play support is built in, so setup is "hassle free" for any PC setup. Every signal is processed and mixed with a 16-bit digital audio engine for high quality. Sound Blaster 16 PCI provides support for positional 3D sound technology to provide spacious sound on headphones or 2 speaker configurations. The included bundled software allows you to play and record your own sounds and music, experience streaming Internet audio in real time...all backed by the industry standard Sound Blaster compatibility, quality and support.

The Sound Blaster 16 PCI is the most affordable Sound Blaster PCI product to date. Get one and hear the difference for yourself.



- CD quality audio with a fast PCI interface
- Time tested compatibility based on the award-winning Sound Blaster 16
- 128-voice MIDI music synthesizer
- "Plug-and-Play" for easy installation

## Specifications

### Wave-Table Synthesis

- Creative® music synthesis engine
- Digital effects engine for reverb and chorus
- Scalable voice polyphony with multi-timbral capability
- 16 MIDI channels with 128 GM & GS compatible instruments and 10 drum kits
- 2MB, 4MB and 8MB wave-table sample sets included

### 3D Audio Technology

- User selectable settings that are optimized for headphones or 2 speakers
- Support for Microsoft® DirectSound® and DirectSound 3D and derivative audio technology
- Support for Environmental Audio™ property set extensions — recreates real-world audio environments in supported titles
- Localized 3D sound technology expands the spaciousness of sounds in a traditional two-speaker system

### CD-Quality, 16-bit Digital Audio Engine

- User selectable bit resolutions from 4 to 16 bit
- User-selectable sample rates from 5kHz to 48kHz
- All sound sources are handled with 16-bit precision for optimal quality
- Mono and stereo playback modes supported
- Hardware full-duplex support enables simultaneous record and playback at arbitrary bit/sample rates
- Utilizes AC97 audio codec

### MIDI Interface / Joystick Port

- Supports Sound Blaster MIDI and MPU-401 UART modes
- IBM® compatible 15-pin joystick port with analog support
- Hardware accelerated support for digital and DirectInput™ game devices

### On-Board Connectors

- Microphone in
- Line in
- Line level out
- Speaker out
- MIDI / Joystick port
- MPC-3 CD Audio in
- Auxiliary in
- Telephone Answering Device in

### Works with the Following Standards

- Windows® 95
- Windows 98
- Windows NT® 4.0
- General MIDI
- MPC-3
- Plug and Play
- Sound Blaster PCI
- Environmental Audio™ Extensions
- Microsoft DirectSound, DirectSound 3D and derivatives
- PCI 2.1 compliant

## Included Software

### Creative Multimedia Deck™

Control playback of multimedia audio types: MIDI music, .WAV files, and CD audio. Control playback through a software remote control. Six channel mixer control for access to CD/Auxiliary, Microphone/Line, Music Synthesizer, and Digital Audio. Reverb and Chorus control for Music Synthesizer

### Creative WaveStudio®

A .WAV file editing program that is powerful and easy to use. Record and edit digital audio files.

### Creative Soundo'LE®

Object-linking and embedding software which allows recording and playback of sound files that can be placed in any Windows application which supports OLE. Record from multiple sources in 8-bit or 16-bit format, then select from a number of audio compression standards to minimize usage of disk space.

### Creative Keytar™

An intuitive and highly interactive edutainment software for music beginners; with a virtual rhythm guitar console that enables you to pluck and strum any tune via the computer keyboard.

### See our Website for full details:

[www.creative.com/sound](http://www.creative.com/sound)



**Sound Blaster 16 PCI is backed by a one-year limited hardware warranty covering parts and labor.**

## Technical Support

Telephone and facsimile support is available seven days a week, 8:00 am to 10:00 pm, Central Time. Weekend hours may vary. Automated technical support, Bulletin Board service, and Web-based information are available at [www.creativehelp.com](http://www.creativehelp.com) 24 hours a day, seven days a week.

## Minimum System Requirements

- Genuine Intel® Pentium® class 133MHz or faster processor
- Intel® or 100% compatible motherboard chipset
- 16MB system RAM (32MB strongly recommended)
- Windows® 95, Windows 98 or Windows NT® 4.0\*
- Open half-length PCI 2.1 compliant slot
- Headphones or amplified speakers (available separately)
- CD-ROM drive required for software installation

*Usage of this product in Windows NT 4.0 requires a minimum 200MHz processor and 32MB system RAM. Functionality may differ from box specifications due to limitations in Windows NT. Bundled application and utility software may have higher system requirements.*

**Information Hotline:**  
**800.998.5227**

**BBS: 405.742.6660**



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Part No. 0434740001 6/99

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