

Sound Blaster®

Live!™ VALUE



Environmental Audio™ — For Gaming and Music Content

Sound Blaster Live! Value is geared for gamers and mainstream users looking for an affordable PCI audio acceleration solution. Sound Blaster Live! Value adds realism and atmosphere to games, movies, music, and other audio applications by utilizing Creative's revolutionary Environmental Audio—the next PC audio standard.

Environmental Audio produces true 3D positional audio so you hear sound cues that give the impression you're actually in the real environment of the game, concert, or other audio application. Using a multiple speaker configuration, such as Cambridge SoundWorks® FourPointSurround™, Sound Blaster Live! Value accelerates and positions DirectSound®, DirectSound 3D, and Environmental Audio streams for true 3D audio positioning.

Sound Blaster Live! Value uses the powerful EMU10K1 audio processor with integrated music, audio, and effects engines. Every signal is processed internally at 32-bit, 192dB, 48kHz using 8-point interpolation to smooth the sound—instantly improving any audio source.

The EMU10K1, core technology of the Sound Blaster Live!, is a powerful and programmable processor that can be upgraded via Creative's Continuous Features and Applications Upgrade program, Live!Ware. Live!Ware is designed to grow with your needs by adding future upgrades in functionality, power, and performance of the Sound Blaster Live! family of products.

For an experience that will surely hold you spellbound with amazing 3D gaming and impressive audio playback, get the Sound Blaster Live! Value.

So Real it Has To Be Live!

- ★ E-mu's most powerful audio processor with 1000+MIPS and 8-point interpolation
- ★ Environmental Audio enhances all audio content from the past, present and future
- ★ Supports Cambridge SoundWorks® FourPointSurround™ speaker system and traditional two-piece speakers
- ★ Environmental Audio Extensions™ - open standard for broad software support



Sound Blaster® Live!™ Value

CREATIVE®

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SPECIFICATIONS

Wave-Table Synthesis

- ★ E-mu® Systems EMU10K1 music synthesis engine
- ★ 64-voice polyphony with E-mu's patented 8-point interpolation technology
- ★ Hundreds of voices of polyphony PCI wave-table synthesis
- ★ 48 MIDI channels with 128 GM & GS-compatible instruments and 10 drum kits
- ★ Uses SoundFont® technology for user-definable wave-table sample sets; includes 2MB, 4MB, and 8MB sets
- ★ Load up to 32MB of samples into host memory for professional music reproduction

Effects Engine

- ★ E-mu Systems EMU10K1 patented effects processor
- ★ Supports real-time digital effects like reverb, chorus, flanger, pitch shifter, or distortion across any audio source
- ★ Capable of processing, mixing, and positioning audio streams using up to 131 available hardware channels
- ★ Customizable effects architecture allows audio effects and channel control
- ★ Full digital mixer maintains all sound mixing in the digital domain, eliminating noise from the signal
- ★ Full bass, treble, and effects controls available for all audio sources

Environmental 3D Positional Audio Technology

- ★ User-selectable settings are optimized for head phones and two or four speakers
- ★ Accelerates Microsoft® DirectSound® and DirectSound 3D
- ★ Support for Environmental Audio™ property set extensions
- ★ Creative Multi Speaker Surround™ technology places any mono or stereo sound source in a 360° audio space
- ★ Creative Environments—user-selectable DSP modes that simulate acoustic environments like hall, theater, club, etc., on any sound source

Hollywood-Quality, 32-Bit Digital Audio Engine

- ★ User-selectable bit rates from 8-bit to 16-bit
- ★ User-selectable sample rates from 8kHz to 48kHz
- ★ All sound sources are handled with 32-bit precision for highest-quality output
- ★ Analog and Digital I/O modes supported
- ★ Hardware full-duplex support enables simultaneous record and playback at 8 standard sample rates
- ★ Utilizes AC97 audio codec

MIDI Interface/Joystick Port

- ★ Supports MPU-401 UART mode
- ★ IBM® compatible 15-pin joystick port with analog support
- ★ Support for digital and DirectInput™ game devices

On-Board Connectors

- ★ Microphone in
- ★ Digital CD in
- ★ Line in
- ★ Telephone Ans. Device in
- ★ Line out (front)
- ★ Line out (rear)
- ★ Joystick port
- ★ MPC-3 CD Audio in
- ★ Auxiliary in

Works with the Following Standards

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



SOFTWARE

Unreal™ Special Edition by Epic MegaGames®



Unreal, the most anticipated game of '98 is here. With full support for Environmental Audio Extensions, it features a new 3D action game engine based on environments—fully realized worlds more elaborate than any dungeons or cities experienced before.

CREATIVE UTILITIES AND APPLICATIONS

Creative PlayCenter™—An integrated multimedia player with Environmental Audio support.

Creative Launcher™—A task bar that quickly launches frequently used applications and provides preset Environmental Audio settings to enhance legacy game titles.

Creative AudioHQ™—The control center for every aspect of the Sound Blaster Live!

Prody Parrot™—This smart parrot serves and entertains you.

Creative Rhythmnia™—Play music interactively with auto orchestra accompaniment.

Creative WaveStudio™—A powerful and easy-to-use .WAV file editing program.

Creative Keytar™—An interactive virtual rhythm guitar for music beginnersto create any tune via the computer keyboard.

On-line Sound Blaster Live! Tour and Demo™—Provides easy-to-follow Screencam™ movies on various uses of Sound Blaster Live!

Music Library™—E-mu's 2MB, 4MB, and 8MB GM Banks, SoundFont sound samples, and MIDI clips.

BENEFITS

Hollywood-Quality Audio Re-creation

With professional-quality synthesizers, Sound Blaster Live! Value provides audio fidelity that rivals movie theaters with digital sound. Excellent overall audio fidelity is achieved with an average Noise Floor of -120dB, a level unheard of in the PC industry.

Powerful Audio Processing Engine

The EMU10K1 audio processor is the most powerful integrated music, audio, and effects engine available. Every signal is processed at 32-bit, 192dB, 48kHz using 8-point interpolation to smooth the sound, instantly improving any audio source. Apply real-time effects including reverb, chorus, flanger, echo, and pitch shifter, that rival stand-alone expensive professional effects processors.

Environmental Audio Enhances Existing Contents

Experience depth and realism beyond existing 3D audio. Apply preset environments such as hall, cave, or underwater to your existing games and applications for incredibly true sound. Game environment settings also make your existing games come "alive" instantaneously.

Multiple Speaker Output

Produce surround-sound audio on your PC with built-in support for two or four analog speakers.

MIDI Music Synthesis

Using hundreds of voices of wave-table synthesis, the EMU10K1 synthesis engine goes beyond the quality and performance available in most professional music equipment. Using host memory, you can choose from E-mu's 2MB, 4MB, or 8MB SoundFont® professional-quality sample banks for music reproduction, or use up to 32MB of memory for amazing SoundFont music fidelity—all of this without sacrificing CPU utilization.

Sound Blaster PCI Standard

You can be assured of near-perfect Sound Blaster compatibility on the PCI bus while enjoying all its benefits. It works with existing MS-DOS® and Windows®-based titles, completely replacing your existing ISA sound card.

Environmental Audio Extensions (EAX)/Broad Driver Support

Environmental Audio Extensions is an open standard that allows the broadest support from software developers. Supports Microsoft DirectSound, DirectSound 3D, and derivative technologies. Advanced architecture is ready for the coming generation of WDM, DLS, and P1394/Firewire devices.

Sound Blaster Live! Website - www.sblive.com

With the LiveWare™ Continuous Features and Applications Upgrade program, your investment in Sound Blaster Live! Value is protected as Creative unleashes more power, performance, and functionality inherent in the EMU10K1 design. You can access the latest applications, enhancements, drivers, and more by visiting www.sblive.com.

One-year limited hardware warranty covering parts and labor.

Technical Support

Telephone support is available Monday through Friday, 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 24 hours a day, seven days a week.

Minimum System Requirements

- Pentium® class 133MHz or faster processor
- 16MB system RAM (32MB strongly recommended)
- Windows 95/98 or Windows NT 4.0
- Open half-length PCI 2.1 compliant slot
- Headphones or amplified speakers
- CD-ROM drive for software installation
- Requires a 166MHz or faster processor, microphone, and 32MB of RAM for speech recognition software

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Fax Back Service: 405-372-5227
Information Hotline: 800-998-5227

CompuServe: Go Blaster
BBS: 405-742-6660

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