

Sound Blaster®

X-Fi XtremeMusic™

Hearing is believing. Redefine your expectations of PC audio.

Creative's Sound Blaster X-Fi XtremeMusic brings the revolutionary new Xtreme Fidelity audio standard to the PC. With 24-bit Crystalizer it restores the sparkle lost during MP3/WMA compression while CMSS 3D Surround upgrades all audio to 24-bit surround sound. Featuring the world's fastest audio processor, it accelerates gaming and also enables CMSS 3D Headphone for incredible surround sound over stereo headphones for compelling LAN gaming, late-night gaming, and movie watching. Bring movies to life with comprehensive soundtrack decoding (DTS-ES, Dolby Digital EX), CMSS up-mix for non-encoded movies plus THX certification. With three selectable, easy-to-use modes (Gaming, Entertainment, Audio Creation) it's the ultimate audio solution for the PC.

- **The world's fastest audio processor for ultra-fast gaming, equivalent to a Pentium 4 3.6GHz and 24 times the power of Sound Blaster Audigy.**
- **CMSS 3D for incredible surround sound over stereo headphones plus stereo-to-surround up-mix for headphones and multi-channel speakers.**
- **24-bit Crystalizer makes all audio sound better, including MP3/WMA, streaming audio and video, DIVX and DVD movies.**
- **Active Modal Architecture with 'Entertainment', 'Gaming' and 'Audio Creation' modes dedicates the processor 100% to the task at hand, with an easy-to-use interface for each mode.**
- **SuperRip converts stereo CDs to 24-bit surround files.**
- **Perfect partner for high-end Creative speakers and peripherals.**

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Technical Specifications

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- 24-bit Analog-to-Digital conversion of analog inputs at 96kHz sample rate
- 24-bit Digital-to-Analog conversion of digital sources at 96kHz to analog 7.1 speaker output
- 24-bit Digital-to-Analog conversion of stereo digital sources at 192kHz to stereo output
- 16-bit to 24-bit recording sampling rates: 8, 11.025, 16, 22.05, 24, 32, 44.1, 48 and 96kHz
- ASIO 2.0 support with direct monitoring at 16 and 24-bit at sample rates of 44.1/48/88.22 and 96kHz
- Enhanced SoundFont support at up to 24-bit resolution

Audio Performance

(Rated Output @ 2Vrms, Typical Value)

- Signal-to-Noise Ratio
(20kHz Low-pass filter, A-Weighted)

Stereo Output	109dB
Front and Rear Channels	109dB
Center, Subwoofer and Side Channels	109dB
- Total Harmonic Distortion + Noise at 1kHz
(20kHz Low-pass filter) = 0.004%
- Frequency Response
(+/-3dB, 24-bit/96kHz input) = <10Hz to 46kHz
- Frequency Response (Stereo only)
(+/-3dB, 24-bit/192kHz input) = <10Hz to 88kHz

Connectivity

- FlexiJack (Digital In / Line In / Microphone) via 3.50 mm minijack
- Line level out (Front / Rear / Center / Subwoofer / Rear Center) via 3.50 mm minijacks
- AUX_IN line-level analog input via 4-pin Molex connector on card
- One External AD_Link (26 pin) connector for linking to the X-Fi I/O Console (upgrade option)
- One Internal AD_Ext connector for linking to the X-Fi I/O Drive (upgrade option)

Minimum System Requirements

- Genuine Intel® Pentium® III 1 GHz, AMD® 1 GHz processor or faster
- Intel, AMD or 100% compatible motherboard chipset
- Microsoft® Windows® XP Service Pack 2 (SP2)
- 256MB RAM
- 600MB of free hard disk space
- Available PCI 2.1 slot for the audio card
- CD-ROM/CD-RW or CD/DVD-ROM required for software installation
- Graphics card with DirectX® 9 and OpenGL® compliant 3D graphics accelerator

Package Contents

- Sound Blaster X-Fi PCI Card
- Quick Start Leaflet
- Installation and Applications CD containing;

Drivers for Windows XP
Creative Software Suite
Doom 3 Sound Blaster EAX patch
User's Guide

Warranty

- 2-year limited hardware warranty

English

Part Number	70SB046002010
EAN Code	5390660118807

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