

Sound Blaster Audigy ADVANCED MB

Overview

The Sound Blaster Audigy ADVANCED MB solution provides premium audio quality, effects and features for PC systems equipped with only basic onboard audio.

For gamers, the EAX ADVANCED HD 4.0 and host OpenAL support provides a much more immersive and realistic gaming audio experience than their motherboard audio ever will.

Due to architecture changes in Vista, EAX effects and 3D surround sounds are disabled for DirectSound3D PC games. The Sound Blaster Audigy ADVANCED MB includes Creative Alchemy, which re-enables EAX effects and 3D surround sound.

Through a comprehensive suite of music listening applications, users can enjoy better music with effects such as EAX reverbs, CMSS-3D surround sound, 10 band EQ, Bass boost, Smart Crossfade, Time Scaling and Audio Cleanup.

Creative have worked closely with various HD Audio codec vendors to ensure features compatibility so that users can enjoy an integrated solution that offers the best of both worlds.

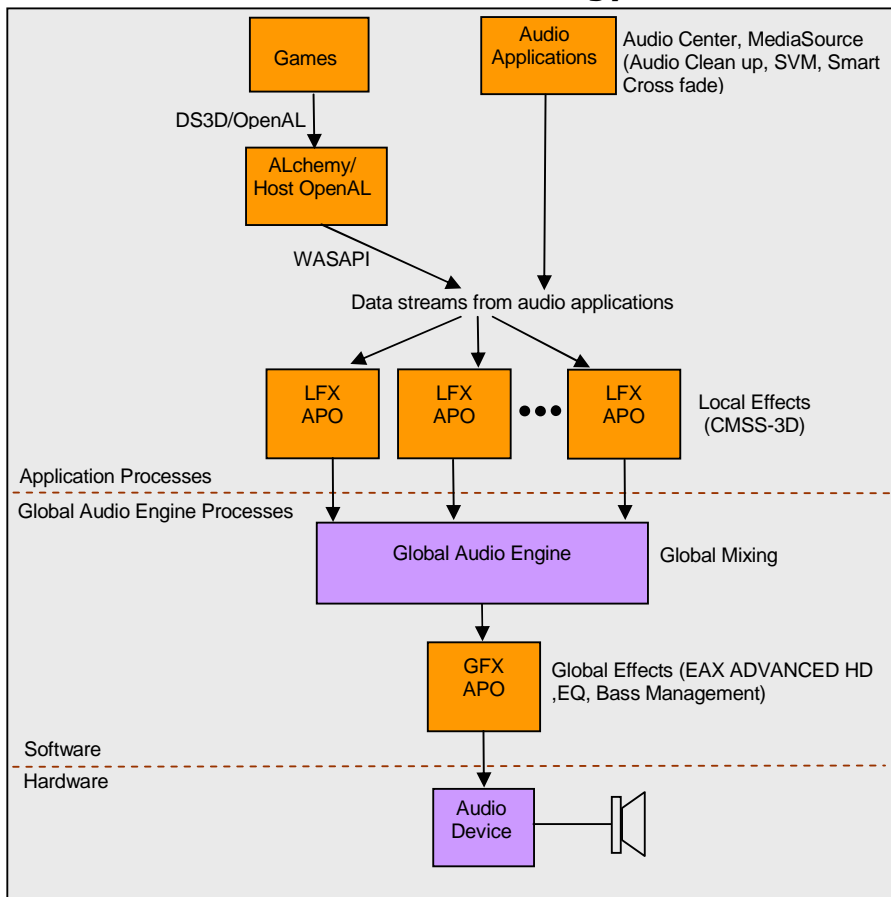
The Sound Blaster Audigy ADVANCED MB consists of MS-certified drivers, soft audio gaming and music effects and a suite of applications that delivers the renowned Sound Blaster Audigy audio as experienced by millions of users around the world.

Applications

- ❑ **Enhanced Gaming audio on motherboard**
- ❑ **Enhanced Music on motherboard**
- ❑ **Premium Audio upsell for PC with motherboard audio**

- ## Key Features
- ❑ **EAX ADVANCED HD 4.0 for games**
 - ❑ **CMSS-3D HRTF Audio Spatialization**
 - ❑ **Host OpenAL support**
 - ❑ **Alchemy: Re-enables EAX, 3D surround sound for gaming in Vista**
 - ❑ **EAX Effects for Music listening**
 - ❑ **Bass Boost**
 - ❑ **10 Band Multi-channel Equalizer**
 - ❑ **Comprehensive suite of audio applications**

Architecture of Sound Blaster Audigy ADVANCED MB



Software Suite

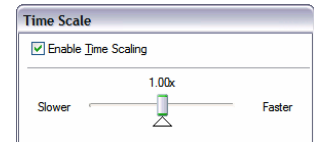
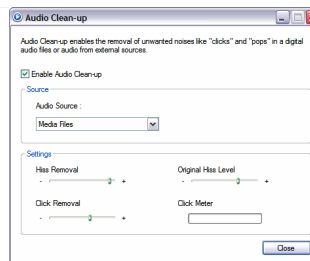
Creative Audio Center

- o **Speaker settings**
 - Channel testing for 2.0-7.1 speaker system
 - Bass Management: Bass redirection/subwoofer gain/bass boost
 - Individual speaker channel level control
- o **EAX effects**
 - Enhances your music with environmental reverbs
- o **CMSS3D**
 - Provides advanced HRTF 3D Spatialization surround sound for stereo music
- o **10 Band Graphic Equalizer**
 - Enhance music with various EQ presets
- o **Mixer**
 - Controls all audio input/output
 - Provides playback monitoring for recording in Vista OS



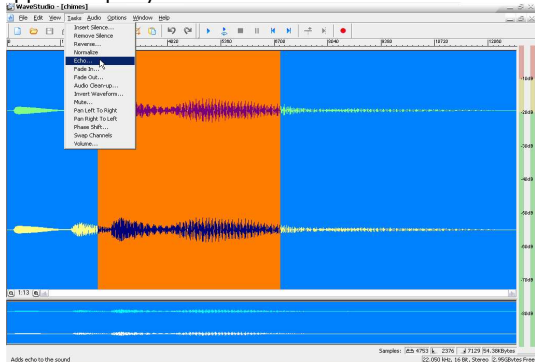
Creative MediaSource 5 Player/Organizer

- o **Integrated 1-button recorder with Automatic Recording Volume Limiter**
- o **Audio effects**
 - Audio Cleanup : Removes pops and clicks from recording of old vinyl LP/cassettes
 - Smart Volume Management : maintains consistent volume levels between songs
 - Smart Crossfade : Provides seamless, beat-synchronous transitions between songs
 - Time Scaling: Speeds up/slow down audio without changing pitch
- o **Easy-to-use, feature-rich digital music organizer/player**
 - Music search, audio task guide, Audio Converter, CD burner



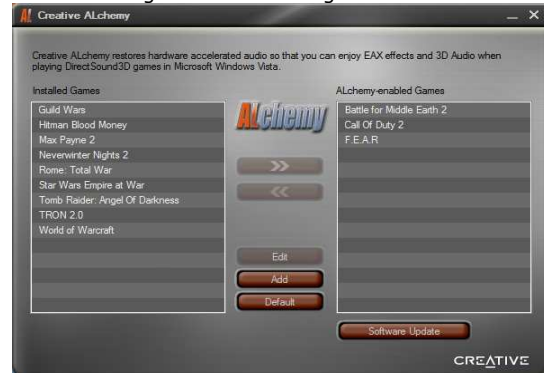
Creative WaveStudio 7

- o Provides simple audio editing such as record, trim, fade, convert, clean-up, pan etc
- o Support 3rd party DirectX effects



Creative ALchemy

- o Re-enables EAX effects and 3D surround audio for legacy, DirectSound3D game titles running on Windows Vista



International inquiries:
Creative Technology Ltd.
 31, International Business Park
 Creative Resource
 Singapore 609921
 Tel: +65 895 4000
 Fax: +65 895 4050

Americas inquiries:
Creative Labs, Inc.
 1901 McCarthy Boulevard
 Milpitas, CA 95035
 Tel: +1 (408) 428 6600
 Fax: +1 (408) 428 2394

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