




Sound Blaster X-Fi Titanium Series Comparison Chart

Keywords / Key Phrases: x-fi, sound blaster, sb, compare, comparison, titanium

Summary:




- ✓ This article compares the features of the Sound Blaster X-Fi Titanium models.
- ✓ **Applicable To:**
 - ✓ X-Fi Titanium (SB0880)
 - ✓ X-Fi Titanium Fatal1ty Pro and X-Fi Titanium Fatal1ty Champion (SB0886)

Audio Quality:

	Sound Blaster X-Fi Titanium	Sound Blaster X-Fi Titanium Fatal1ty Professional Series	Sound Blaster X-Fi Titanium Fatal1ty Champion Series
			
24-bit Advanced HD	Yes	Yes	Yes
Digital Analog Convertor (DAC) Quality	24-bit	24-bit	24-bit
Speaker Support	Up to 7.1 Channel	Up to 7.1 Channel	Up to 7.1 Channel
Signal to Noise Ratio (SNR)	109dB	109dB	109dB
Maximum Playback Quality	24-bit/96kHz (7.1); 24-bit/192kHz (Stereo)	24-bit/96kHz (7.1); 24-bit/192kHz (Stereo)	24-bit/96kHz (7.1); 24-bit/192kHz (Stereo)
Maximum Recording Quality	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz




24-bit Crystalizer - transform any audio to "DVD-Audio" quality	Yes	Yes	Yes
Mode Switcher	Yes (Gaming, Entertainment, Audio Creation)	Yes (Gaming, Entertainment, Audio Creation)	Yes (Gaming, Entertainment, Audio Creation)
X-Fi CMSS-3D	Yes (Headphone, Virtual, Surround, Interactive)	Yes (Headphone, Virtual, Surround, Interactive)	Yes (Headphone, Virtual, Surround, Interactive)
Connectivity	---	---	Internal I/O drive with Remote Control
EAX Music Enhancements Tools	Yes	Yes	Yes

Movies:

	Sound Blaster X-Fi Titanium	Sound Blaster X-Fi Titanium Fatal!ty Professional Series	Sound Blaster X-Fi Titanium Fatal!ty Champion Series
			
Software Decoding via Cyberlink PowerDVD 6	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio
Dolby Digital Live and DTS Connect	Yes	Yes	Yes
Pass-thru via Digital-Out	Dolby Digital, DTS	Dolby Digital, DTS	Dolby Digital, DTS
THX Certified with Setup console	Yes	Yes	Yes
CMSS Upmixing of			

Stereo to Multi-Channels	Yes	Yes	Yes
24-bit Crystalizer - transform any audio to “DVD-Audio” quality	Yes	Yes	Yes
X-Fi CMSS-3D	Yes (Headphone, Virtual, Surround, Interactive)	Yes (Headphone, Virtual, Surround, Interactive)	Yes (Headphone, Virtual, Surround, Interactive)

Gaming:

	Sound Blaster X-Fi Titanium	Sound Blaster X-Fi Titanium Fatal1ty Professional Series	Sound Blaster X-Fi Titanium Fatal1ty Champion Series
			
EAX	1.0/2.0, Advanced HD, 4.0, 5.0	1.0/2.0, Advanced HD, 4.0, 5.0	1.0/2.0, Advanced HD, 4.0, 5.0
Hardware Acceleration of EAX Gaming	Yes	Yes	Yes
Max. No. of 3D Voices	128	128	128
Built-in X-RAM - Game acceleration for faster FPS	Yes (16MB)	Yes (64MB)	Yes (64MB)

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