

Sound Blaster X1

Sound Blaster X1 Hi-res Super X-Fi® USB DAC and Headphone Amplifier for PC and Mac

Discover details you've never heard before with the Sound Blaster X1.

Designed specifically to deliver powerful and pristine audio to your headphones, the super compact Sound Blaster X1 upgrades your audio quality instantly to high resolution 24-bit / 96 kHz playback with its built-in AKM DAC. The Sound Blaster X1 acts as the middleman between your device and headphones to give your audio a clearer, louder and more impactful boost along with Super X-Fi® Headphone Holography.

Connect it directly via USB-C to your PC, Mac, PlayStation® consoles, or Nintendo Switch™, and it enhances your device's audio with little effort. It also comes with playback and mic mute buttons, as well as SmartComms Kit via the Creative app on PC and Mac, for a fuss-free way to communicate online during meetings or even in-game chats.

Upgrade your audio quality instantly to hi-res 24-bit / 96 kHz playback with built-in AKM's DAC. Connect directly via USB-C* to your PC, Mac, PlayStation® consoles, or Nintendo Switch™ to start

Award-winning Super X-Fi Headphone Holography immerses you in personalized audio holography with listening experience akin to a high-end multi-speaker system on headphones

Strikingly lightweight and easy to use with direct access to playback volume and mic mute buttons, as well as effective communication tools such as SmartComms Kit and CrystalVoice via the Creative app





Part No. / Description:	70ZZ009000003 / FG,ZZ0090 SB X1 BK WW
UPC Barcode:	0 54651 19529 5
EAN Barcode:	53 90660 195297
JAN Barcode:	4580181853689
GTIN Pallet:	70054651195294
GTIN Master:	50054651195290
Japan Model#:	SB-X-1
HTS Code (CLI):	8471.80.1000
HTS Code (CLE):	8471-80-0000

Package Content	
•	Sound Blaster X1
•	USB Type-C to Type-C
•	Quick Start Leaflet
Warranty	
•	1 year limited hardware warranty
•	2 year limited hardware warranty (Europe)

Sound Blaster X1	
Technical Specifications	
Interface / Power	<ul style="list-style-type: none"> • USB Type-C • USB Bus Powered • 1 x 1/4" HP Out Jack (4-pole TRRS, CTIA)
DAC Specs	<ul style="list-style-type: none"> • AKM AK4377 • SNR: Up to 115 dB • THD+N: Up to -105 dB (0.00056%) • Frequency Response: 10 – 20000 Hz
Support Input Formats	<ul style="list-style-type: none"> • 2.0 / 5.1 / 7.1 channel, 24 bit / 96 kHz
Headphone Amp	<ul style="list-style-type: none"> • Supported Headphone Impedance: 16Ω - 600Ω
Headphone Output Power	<ul style="list-style-type: none"> • 1.2 Vrms (90 mW) @16 ohm • 1.7 Vrms (90 mW) @32 ohm • 2.4 Vrms (38 mW) @150 ohm • 2.4 Vrms (10 mW) @600 ohm
Playback Resolution	Headphone Out <ul style="list-style-type: none"> • PCM 16-bit, 44.1, 48.0, 96.0 kHz • PCM 24-bit, 44.1, 48.0, 96.0 kHz
Recording Resolution	Mic-in <ul style="list-style-type: none"> • PCM 16-bit, 48.0, 96.0 kHz • PCM 24-bit, 48.0, 96.0 kHz
Connectivity	<ul style="list-style-type: none"> • 1 x 1/4" HP Out Jack (4-pole TRRS, CTIA)
Product Dimensions including cable (L x W x H)	<ul style="list-style-type: none"> • Main Unit : 9.7 x 17.5 x 67 mm / 0.4 x 0.7 x 2.6 inches • USB C to USB C Cable : 80mm / 3.1 inches
Product Weight	<ul style="list-style-type: none"> • Main Unit: 15 g / 0.5 oz
Software	
Creative App	<ul style="list-style-type: none"> • Creative App for PC and Mac • Download at creative.com/support/Sbx1
Sound Blaster Acoustic Engine	<ul style="list-style-type: none"> • Sound Blaster Acoustic Engine Profiles • Customization for Surround, Crystalizer, Bass, Smart Vol, Dialog+ • Profile management
Equalizer	<ul style="list-style-type: none"> • 10-band adjustable • Bass, Treble adjustable • Preset management
Scout Mode	<ul style="list-style-type: none"> • Scout Mode On/Off • Enable/Disable Hot Key
CrystalVoice	<ul style="list-style-type: none"> • Noise Reduction with strength control • Acoustic Echo Cancellation • Smart Volume • Mic EQ – 11 Presets • Voice Morph – All available voices
Mixer	<ul style="list-style-type: none"> • Playback, Recording • Adjust volume and balance • "Listen to" Mic In
Super X-Fi	<ul style="list-style-type: none"> • Setup and configure Super X-Fi function
SmartComms Kit	Solve common pain points faced on conference apps via a suite of smart communication features <ul style="list-style-type: none"> • VoiceDetect • NoiseClean-In • NoiseClean-Out
Minimum System Requirement	
Windows	<ul style="list-style-type: none"> • Intel® i3 or AMD® equivalent processor • Windows 11, Windows 10 32/64 bit ver 1703 or higher • 4GB RAM • >4GB of free hard disk space • Available USB C, 2.0/3.0 port *
Macintosh	<ul style="list-style-type: none"> • Macintosh running MacOS ver 10.15 or higher • 4GB RAM • >4GB of free hard disk space • Available USB C, 2.0/3.0 port *
PS4/PS5	<ul style="list-style-type: none"> • Firmware Ver 5.0 or higher for PS4 • Firmware Version 20.02-2.26.00.00-00.00.0.1 or higher for PS5 • Available USB port *
Nintendo Switch	<ul style="list-style-type: none"> • Switch OS 5.0 or higher • Available USB port * (in docking mode) • Voice communications is title dependent

* USB A to C adaptor/cable (not included) is required to connect to Type A USB port