

SOUND BLASTER X4

Hi-res 7.1 External USB DAC and Amp Sound Card with Super X-Fi® and SmartComms Kit for PC and Mac

Sporting a fresh new look, the Sound Blaster X4 supports up to 7.1 discrete and virtual surround with three different surround delivery options—Super X-Fi Headphone Holography, Sound Blaster Acoustic Engine's Surround Virtualization, and Dolby Digital Live Encoding.

It's also extremely versatile, featuring seven I/O connectors that works across different platforms, from external microphones and headsets to PC, Mac, gaming consoles, and even AV receivers.

This audio card not only features convenient direct controls on the device itself, but also smarter ways to communicate online using our SmartComms Kit, a suite of smart communication features—VoiceDetect and NoiseClean—designed to simplify the way Windows 10 users take online work calls, or for any in-game chat.

Plus, you are free to personalize your audio settings, including EQ adjustments, microphone settings, and Acoustic Engine effects like Bass for bigger audio punch and Crystalizer that helps improve the dynamic range of your audio.

7.1 DISCRETE SURROUND WITH SUPER X-FI AND DOLBY DIGITAL LIVE

Supports up to 7.1 discrete and virtual surround with three types of surround sound delivery: 1. Super X-Fi technology that recreates the listening experience of a multi-speaker system in headphone, 2. Sound Blaster Surround Virtualization's famed surround processing that is driven by algorithms that are capable of optimizing spatial information of incoming audio for a complete and immersive auditory experience, 3. Dolby Digital Live Encoding for Windows users via optical

IMPROVED COMMUNICATION WITH SMARTCOMMS KIT AND CRYSTALVOICE

Features our SmartComms Kit, a suite of smart communication features that simplify the way you take work calls on Windows 10 platform. Turn on VoiceDetect to auto mute and unmute your mic, or get rid of static background noise in your own environment as well as the other parties' via our two-way noise cancellation feature NoiseClean. In tandem, CrystalVoice technology enhances voice for clear recordings and in-game communications

CONNECT WITH EVERYTHING

With a newly added optical-in port, it is now much easier to connect multiple audio devices, from external microphones and headsets, to platforms like your PC, Mac, gaming consoles, and even your multi-channel speaker systems. Just power up the Sound Blaster X4 via the USB-C port, and enjoy high-quality audio with everything. The Sound Blaster X4 is also a headphone amplifier that is capable of driving studio-grade headphones of up to 600Ω

EASY ACCESS TO ALL CONTROLS

Pick between three EQ modes for music, movies, and footsteps enhancer, or re-program them, and save your settings on the device. There are also the Direct Mic Mute, Direct Mode, and Super X-Fi on/off buttons, as well as a speaker (Line-out) and headphones switch button. After a one-time setup, instantly adjust the volume levels between two audio sources (SPDIF and Optical) with the Audio Balance feature via the volume knob, perfect for communicating with music on

CUSTOMIZE ALL YOUR SETTINGS

Configure each element of your audio settings or switch them off completely via the Creative app. Use our PC application for the full range of audio adjustments on your Sound Blaster X4 or make quick adjustments to your EQ settings from your mobile phone. All these are powered by our Sound Blaster's audio promise with 114 dB audio clarity and hi-res 192 kHz / 24-bit playback



Sound Blaster X4

Technical Specifications

Interface / Power	<ul style="list-style-type: none"> • USB-C • USB Bus Powered
DAC Specs	<ul style="list-style-type: none"> • Dynamic Range (Stereo): 114 dB • THD+N (Stereo): 0.001%
Playback Resolution	<p>DSP / Direct Mode (Stereo)</p> <ul style="list-style-type: none"> • PCM 16-bit, 48.0, 96.0, 192.0 kHz • PCM 24-bit, 48.0, 96.0, 192.0 kHz <p>DSP / Direct Mode (Surround 7.1)</p> <ul style="list-style-type: none"> • PCM 16-bit, 48.0, 96.0 kHz • PCM 24-bit, 48.0, 96.0 kHz <p>DSP / Direct Mode (Optical Output)</p> <ul style="list-style-type: none"> • PCM 16-bit, 48.0, 96.0, 192.0 kHz • PCM 24-bit, 48.0, 96.0, 192.0 kHz <p>DSP / Direct Mode (Dolby Digital Live)</p> <ul style="list-style-type: none"> • 16-bit, 48.0 kHz
ADC Specs	<ul style="list-style-type: none"> • Dynamic Range: 104 dB • THD+N: 0.0017%
RF Output Power	0.37mW
Bluetooth Operating Frequency	2402-2480 MHz
Recording Resolution	<p>Mic-in</p> <ul style="list-style-type: none"> • 16-bit, 48.0, 96.0 kHz • 24-bit, 48.0, 96.0 kHz <p>Line-in</p> <ul style="list-style-type: none"> • 16-bit, 48.0, 96.0 kHz • 24-bit, 48.0, 96.0 kHz <p>Optical-in</p> <ul style="list-style-type: none"> • 16-bit, 48.0, 96.0 kHz • 24-bit, 48.0, 96.0 kHz <p>Headphone Amp</p> <ul style="list-style-type: none"> • Output Impedance: 10Ω • Supported Headphone Impedance: 32–600Ω • Low Gain: 32–149Ω (1.2V RMS @ 32Ω, 1.5V RMS @ 150Ω) • High Gain: 150–600Ω (2.3V RMS @ 150Ω, 2.9V RMS @ 600Ω) <p>Connectivity</p> <ul style="list-style-type: none"> • 1 x 1/8" Front-out Jack • 1 x 1/8" Rear-out Jack • 1 x 1/8" Center / Subwoofer-out Jack • 1 x 1/8" Side-out Jack • 1 x TOSLINK Optical-out • 1 x 1/8" Headset Jack • 1 x 1/8" External Mic-in Jack • 1 x 1/8" Optical / Line-in Combo Jack • 1 x USB-C port for PC / Mac
Product Dimensions (L x W x H)	• 130.5 mm x 130.5 mm x 40.6 mm (5.14 x 5.14 x 1.60 inches)
Product Weight	• 384g / 13.55 oz
Software	
Windows	<ul style="list-style-type: none"> • Creative App • Sound Blaster X4 WHQL and ASIO drivers • Download at creative.com/support/SBX4
Mac	<ul style="list-style-type: none"> • Creative App • Sound Blaster X4 driver • Download at creative.com/support/SBX4
PS5 / PS4 / Nintendo Switch	<ul style="list-style-type: none"> • Creative App for Android / iOS • Download from Android Playstore / Apple Appstore

Minimum System Requirement

Windows® OS	<ul style="list-style-type: none"> • Intel® Core™i3 or AMD® equivalent processor • Intel, AMD, or 100% compatible motherboard • Microsoft® Windows 10 32 / 64-bit Ver 1703 or higher • > 4 GB RAM • > 4 GB of free hard disk space • USB 2.0 / USB 3.0 port
macOS	<ul style="list-style-type: none"> • mac OS X® 10.15 or higher • > 4 GB RAM • USB 2.0 / USB 3.0 port
PS5	<ul style="list-style-type: none"> • Firmware Version 20.02-2.26.00.00-00.00.0.1 or later • Available USB port • Audio Balance feature requires a HDMI to Optical converter (not included)
PS4	<ul style="list-style-type: none"> • Firmware Version 5.0 or later • Available USB port • Available Optical-out port (for Audio Balance)
Nintendo Switch	<ul style="list-style-type: none"> • Switch OS 5.0 or later • Available 3.5 mm headphone port • Available USB port (in docking mode) • External USB Power (not included) • Voice communication is title-dependent
Android^	<ul style="list-style-type: none"> • Android OS Version 8.0 or later • Device must have built-in <i>Bluetooth</i> Low Energy (BLE) support
iOS^	<ul style="list-style-type: none"> • iOS Version 12.0 or later • Device must have built-in <i>Bluetooth</i> Low Energy (BLE) support

Package Content

- Sound Blaster X4
- USB-A to USB-C Cable (2m / 6.56 ft)
- Optical Cable (1m / 3.28 ft)
- SmartComms Kit Leaflet
- Quick Start Guide and Leaflets
- Warranty Leaflets

Packaging Information

- Packaging Dimensions (L x W x H): 242 x 165 x 58 mm
- Packaging Weight: 640 g
- Pen size: 5 in 1
- Carton Dimensions (L x W x H): 330 x 260 x 195 mm
- Carton Weight: 3.520 kg

Warranty

- 1 year limited hardware warranty
- 2 year limited hardware warranty (Europe)

^Used as a remote controller for Sound Blaster X4 on PS5 / PS4 / Nintendo Switch only, does not support *Bluetooth* audio streaming