Sound Blaster X5

Hi-res External Dual DAC USB Sound Card with Fully Balanced Xamp Headphone Bi-amplifier for Audiophiles

Top-notch components. Industry-leading technologies. Exceptionally high-resolution audio.

In a gist, the external USB sound card fires up to 32-bit / 384 kHz PCM playback at 130 dB DNR, and features dual Cirrus Logic CS43198 DACs, our custom-designed, fully balanced Xamp headphone bi-amplifier, and customizable DSP EQ functions.

On the connectivity front, it comes with a USB-A Host port with USB audio that works with USB microphones and headsets, and even wireless *Bluetooth* receivers for wire-free audio. This is amongst a plethora of connectivity options such as TOSLINK optical and RCA connectors, so you can connect the Sound Blaster X5 to various platforms, including PC, Mac, PS5, PS4 and even your sound systems, AV receivers, set-top boxes, and Blu-ray players.

If you are an audio enthusiast or have a discerning pair of ears, the Sound Blaster X5 is one of the best desktop audio accessories you'll ever need in your getup.

AUDIOPHILE-GRADE COMPONENTS - Be ready for exceptionally pristine audio in 32-bit / 384 kHz over PCM at up to 130 dB DNR, made possible by two Cirrus Logic CS43198 DACs that can also decode audio formats in DoP128 and DSD256. With an extremely low THD+N rating of ~0.00018% (-115 dB) and ASIO 2.2 playback and recording over USB and S/PDIF, enjoy audio in its purest form

FULLY BALANCED XAMP HEADPHONE BI-AMP - Sound Blaster X5 is equipped with our custom-designed Xamp discrete headphone bi-amplifier technology that amplifies and drives each earcup individually, eliminating noise caused by in-circuit interference, and keeping crosstalk to a minimum. The fully balanced audio can then be delivered through a 4.4 mm gold-plated headphones output connector for an accurate reproduction of the original audio content in its most authentic form

BLUETOOTH RECEIVER WITH USB HOST PORT - The USB DAC sports a *Bluetooth* receiver; connect a wireless audio transmitter to the dedicated USB-A host audio port, stream audio from your preferred device, and play audio wirelessly to your *Bluetooth* headset. This USB-A host audio port also works with external USB speakers, microphones, and headsets for extra flexibility

VARIOUS CONNECTIVITY OPTIONS - Choose from two-way RCA and TOSLINK Optical connectors, a gold-plated 3.5 mm Microphone-in port with an easy-to-access mic gain knob, as well as a convenient USB-C audio port that also powers the Sound Blaster X5 via a single cable for fuss-free audio enjoyment. For versatility, the Sound Blaster X5 also features a ubiquitous gold-plated 3.5 mm headphones port for easy connectivity to your commonplace headphones

EASY-TO-ACCESS CONTROLS - The Sound Blaster X5 features an entire get-up of front-mounted buttons and switches that are easy-to-access and intuitive for everyone. Activate the customizable DSP-controlled EQ button, instantly increase or decrease mic / headphones input gain, mute or unmute your microphone, or turn off all processing with Direct Mode switch; all the controls are at your fingertips



© 2022 Creative Technology Ltd. All rights reserved. Creative, the Creative logo, Blaster, Sound Blaster, the Sound Blaster logo, SBX Pro Studio and CrystalVoice are trademarks or registered trademarks of Creative Technology Ltd. in the United States and/or other countries. Windows is a registered trademark of Microsoft Corporation in the United States and other countries. All other trademarks are the property of their respective owners and are hereby recognized as such. All specifications are subject to change without prior notice. Actual product may differ slightly from images shown. Use of this product is subject to a limited warranty.

Technical Specifications	
Color	• Black
DAC	• 2 x CS43198 High Resolution DAC • DNR: 130 dB, THD: -115 dB
ADC	• DNR: 114 dB, THD+N: -105 dB
Highest Playback Resolution	• Line Out/Headphone Out: Stereo, Up to PCM 32-bit / 384.0 kHz, DoP 128, DSD 256 • Optical Out: Stereo, Up to PCM 24-bit / 192.0 kHz • Native DSD Playback Support
Highest Recording Resolution	• Mic-in: PCM 24-bit / 192.0 kHz • Line-in: PCM 24-bit / 192.0 kHz • Optical-in: PCM 24-bit / 96.0 kHz • What U Hear: PCM 24-bit / 192.0 kHz
Headphone Support	• 16Ω - 600Ω • Headphone Output impedance: 1Ω
Headphone Output Power (Unbalanced)	• 0.98 Vrms (60 mW) @ 16 ohm (Normal Gain) • 1.47 Vrms (65 mW) @ 33 ohm (Normal Gain) • 4.11 Vrms (112 mW) @ 150 ohm (High Gain) • 4.14 Vrms (52 mW) @ 330 ohm (High Gain) • 4.15 Vrms (29 mW) @ 600 ohm (High Gain)
Headphone Output Power (Balanced)	• 1.18 Vrms (86 mW) @ 16 ohm (Normal Gain) • 1.90 Vrms (109 mW) @ 33 ohm (Normal Gain) • 5.86 Vrms (313 mW) @ 150 ohm (High Gain) • 8.25 Vrms (206 mW) @ 330 ohm (High Gain) • 8.28 Vrms (114 mW) @ 600 ohm (High Gain)
Connectivity	• 1 x TOSLINK Optical-in • 1 x TOSLINK Optical-out • 1 x RCA Line-in • 1 x RCA Line-out • 1 x 3.5 mm Headphone-out (Unbalanced) • 1 x 4.4 mm Headphone-out (Balanced) • 1 x 3.5 mm Mic-in • 1 x USB Type-C data/power port • 1 x USB Type-A Host Audio-out port
***Bluetooth* Receiver Specifications**	• Version: *Bluetooth* 5.0 • Profiles: A2DP, AVRCP, HFP • Codec: SBC • Operating RF range: 2402–2480 MHz • Operating Range: Up to 10m / 33 ft (Unobstructed Line-of-sight) • Maximum RF Output Power: 4 dBm
Remote Control (BLE)	• Android / iOS devices
Interface / Power	• USB Type-C • Input: 5V 1A • USB-A Host Audio Port Output Power: 5V 100mA
Others	• Operating Temperature: 0–45°C
Product Dimensions	• (L x W x H) 216 x 170 x 72mm / 8.5 x 6.69 x 2.83 inches • Weight: 879g / 1.93 lb

Minimum System Requirement	
Windows	• Intel® Core™ i3 or AMD® equivalent processor • Microsoft® Windows 11, 10 32 / 64-bit Ver 1703 or higher • > 4 GB RAM, > 4 GB of free hard disk space • Available USB 2.0 / 3.0 port
Macintosh	• Macintosh running MacOS 10.15 or higher • > 4 GB RAM, > 4 GB of free hard disk space • Available USB 2.0 / 3.0 port
PS4	• Firmware Ver 5.0 or later • Available USB port
PS5	• Firmware Ver 20.02-2.26.00.00-00.00.00.0.1 or later • Available USB port
Software Remote Control	• Android OS Ver 10.0 or later • iOS Ver 13.0 or later • Built-in Bluetooth Low Energy support
Software	
Creative App	• Creative App for PC and Mac • Download at creative.com/support/SBX5
Others	
	• ASIO 2.2 playback / recording support
Package Content	
	• 1 x Sound Blaster X5 • 1 x USB-A to USB-C cable • 1 x Optical Cable • 1 x 3.5mm to RCA Stereo Cable • 1 x Quick Start Guide • 1 x Warranty and Compliance Leaflet
Warranty	
	• 1-year limited hardware warranty • 2-year limited hardware warranty (Europe)

Part No. / Description: 70SB182000000 / FG, SB1820 SOUND BLASTER X5 WW

UPC Barcode:	0 54651 19252 2
EAN Barcode:	53 90660 192524
JAN Barcode:	4580181852576
GTIN Pallet:	70054651192521
GTIN Master:	50054651192527
Japan Model#:	SB-X-5



© 2022 Creative Technology Ltd. All rights reserved. Creative, the Creative logo, Blaster, Sound Blaster, the Sound Blaster logo, SBX Pro Studio and CrystalVoice are trademarks or registered trademarks of Creative Technology Ltd. in the United States and/or other countries. Windows is a registered trademark of Microsoft Corporation in the United States and other countries. All other trademarks are the property of their respective owners and are hereby recognized as such. All specifications are subject to change without prior notice. Actual product may differ slightly from images shown. Use of this product is subject to a limited warranty.