

SOUND BLASTER X[®] G6

HI-RES GAMING DAC AND USB SOUND CARD
WITH HEADPHONE BI-AMP



EXPERIENCE GUIDE

CREATIVE[®]

INTRODUCING THE SOUND BLASTER[®] X G6

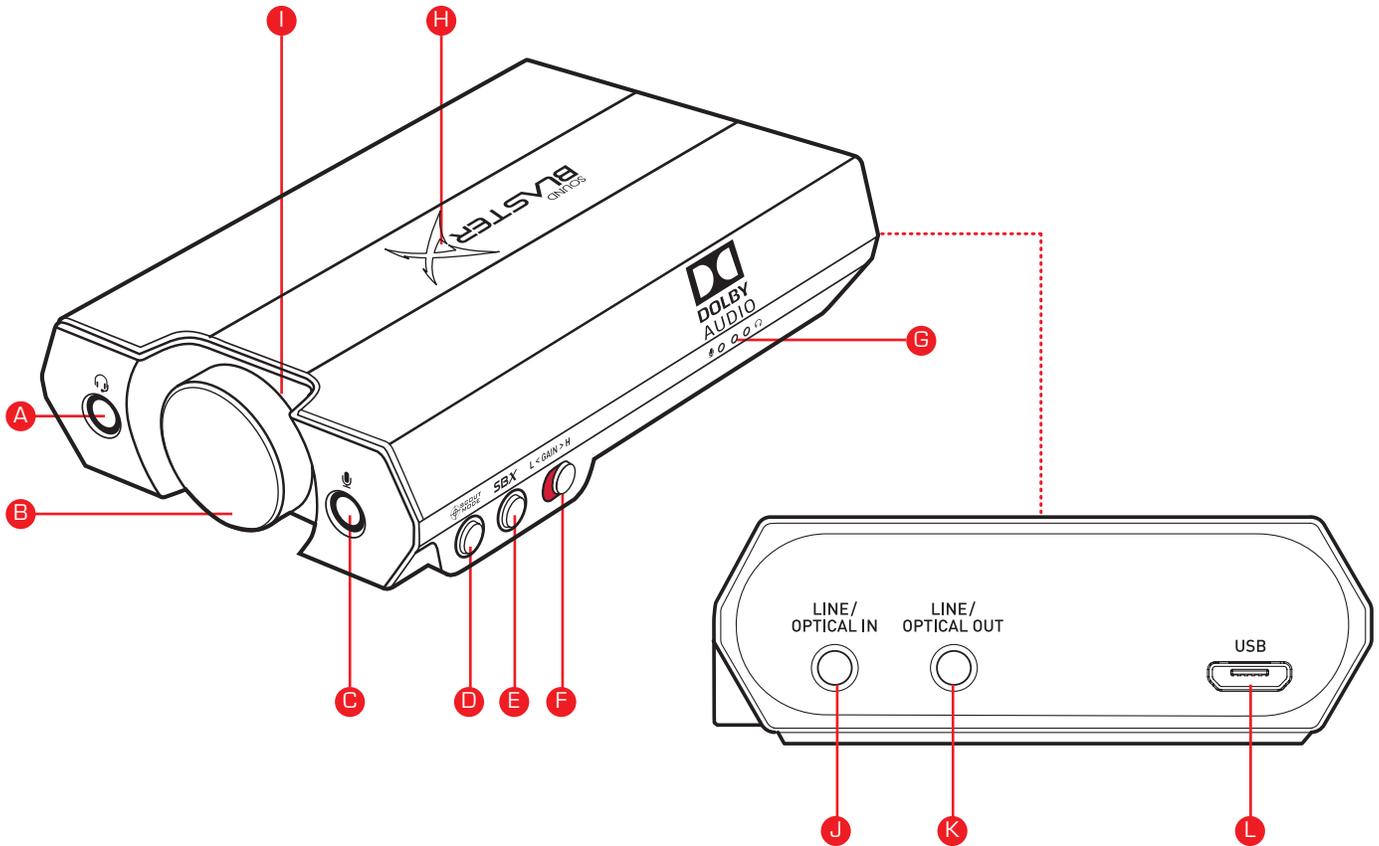
Delivering compelling, powerful audio performance packed in a compact casing, the Sound BlasterX G6 is set to make waves with its 130dB USB DAC that supports 32-bit/384kHz playback, Dolby Digital decoding and a low output impedance of just 1 Ω .

The Sound BlasterX G6 also boasts Xamp, our award-winning custom-designed discrete headphone amp that is able to drive anything from performance-grade sensitive 16 Ω in-ear monitors all the way to professional gaming headsets and studio-grade 600 Ω headphones. All of this, along with Dolby Digital Decoding, 7.1 virtual surround sound, game-voice balancing and easy controls, comes together to give users a more enjoyable gaming experience on PS4, Xbox One, Nintendo Switch, and PC.



OVERVIEW

ARCHITECTURE, CONTROLS & CONNECTORS



A HEADSET PORT

Connects to headphone or headset

B SIDETONE (MIC) / PLAYBACK VOLUME CONTROL KNOB / SWITCH

Adjust playback/side tone [mic] volume level [refer to pg 4]

C MIC PORT

Connects to a microphone for recording or voice chat

D SCOUT MODE BUTTON/DIRECT MODE BUTTON

Switch between Scout Mode/Direct Mode [refer to pg 4]

E SBX BUTTON

- Press once to select a profile
- Press again to turn off selected profile

F HEADPHONE GAIN SWITCH (LOW/HIGH)

- L: For low impedance headphones [16 - 149 Ω]
- H: For high impedance headphones [150 - 600 Ω]

G INPUT/OUTPUT INDICATOR

Shows the status of input/output control [refer to pg 4]

H POWER INDICATOR

Lights up when G6 is connected to a power source

I VOLUME INDICATOR

Brightens/dims according to volume level

J LINE IN PORT

Connects to analog audio sources e.g. Mobile Device, Portable Media Player, Nintendo Switch™ (headphone out)

OPTICAL IN PORT

Connects to digital audio sources such as PS4™, Xbox One™

K LINE/OPTICAL OUT PORT

Connects to analog or digital speakers/receivers

L USB PORT

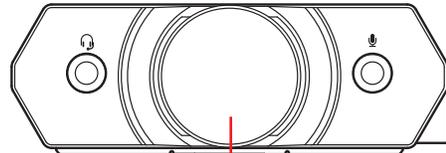
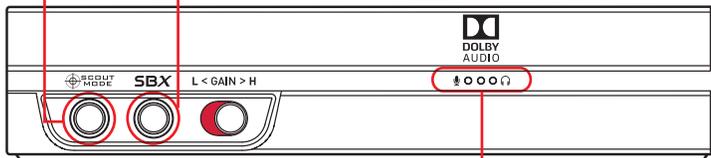
- Powers up the Sound BlasterX G6 to access high-resolution digital audio playback from PC/Mac/PS4™/Switch™
- Alternatively, connect to a USB power adapter to turn on the sound card

OVERVIEW

CONTROLS & LED INDICATORS

[a] Scout/Direct Mode Button	
Scout Mode 	Press once to turn on, press again to turn off.
Direct Mode 	Press and hold 2 sec to turn on (Playback up to 32bit 384kHz)*press and hold 2 sec again to turn off*.

[b] SBX Button	
	Press once to turn on, press again to turn off.



[c] Input/Output Indicator	
  	[a] Sidetone/Mic (Output)
  	Sidetone/Mic muted
  	[b] Dolby Digital (Input)
  	[c] HP/Spk (Output)
  	HP/Spk muted

[d] Volume Control Knob/Switch	
Solid white light: playback volume control	Solid Red light: Sidetone (Mic) Control
Press and hold volume knob for 2 sec to switch between playback volume and Sidetone (Mic) volume control.	
Mute/unmute sidetone (Mic) volume Press to unmute. Press again to mute (default).	

^ Other inputs are not available in 32bit 384kHz playback

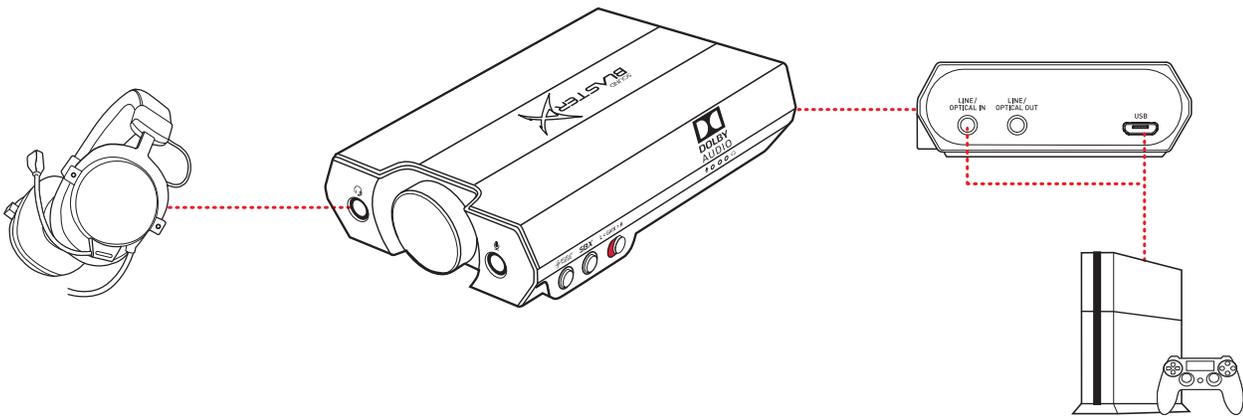
* SBX Effect and Scout Mode are not available when Direct Mode is activated

CROSS-PLATFORM CONNECTIVITY

WAYS TO CONNECT: PS4

USB & OPTICAL IN

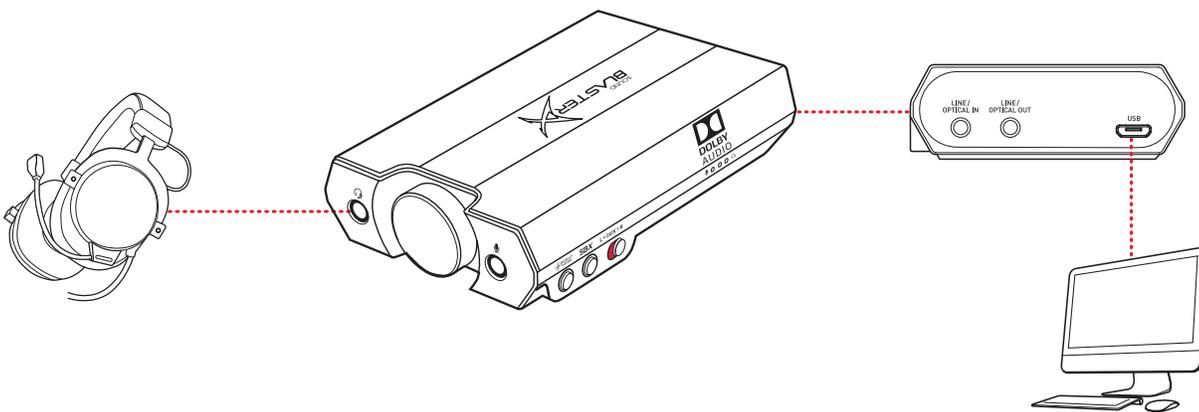
Fully immerse in true quality gaming and Scout Mode on your PS4™ by connecting the sound card via **USB** and/or **Optical In**. Enjoy crystal clear voice and audio clarity via USB during playback and Dolby Digital Decoding when connected to the Optical In port.



WAYS TO CONNECT: PC

USB

Experience true audio realism by unlocking 32-bit/384Hz PCM and DSD over PCM high-resolution playback and more when you connect the Sound BlasterX G6 via **USB** to your PC.

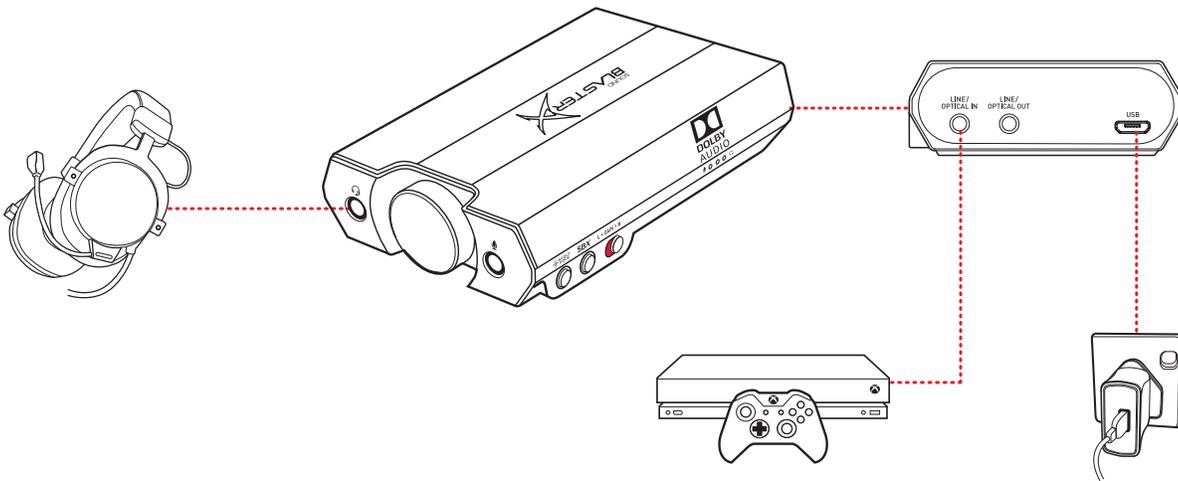


CROSS-PLATFORM CONNECTIVITY

WAYS TO CONNECT: XBOX ONE

OPTICAL IN

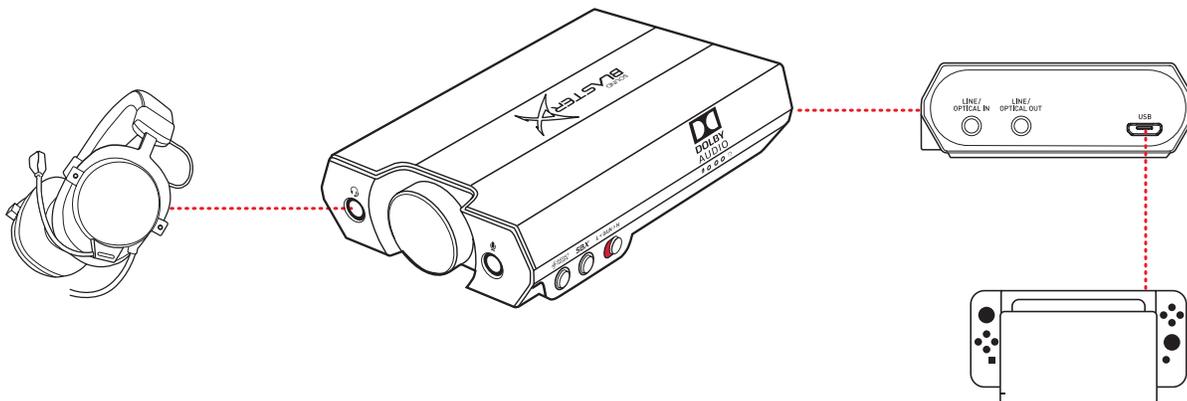
Tune in to a vast and enhanced audio experience with Dolby Digital enabled for your games and movies by connecting the Sound BlasterX G6 to your Xbox One X™ via Optical In.



WAYS TO CONNECT: NINTENDO SWITCH

USB

Experience authentic audio cues and more with Scout Mode when you connect the Sound BlasterX G6 via **USB** to your Nintendo Switch™ Docking Station.



KEY FEATURES

TECHNOLOGY RUN-THROUGH

Designed to deliver sensational audio quality during gaming and entertainment sessions, the Sound BlasterX G6 is engineered using only premium audiophile-grade components.

XAMP DISCRETE HEADPHONE BI-AMPLIFIER

Custom-designed discrete headphone bi-amp individually amplifies audio channels separately for authentic, lossless audio. Also features an ultra-low 1Ω output impedance.



HIGH QUALITY EXTERNAL DAC

Achieve pristine audio fidelity with hi-res playback of up to 32-bit/384kHz and DSD over PCM.



DESIGNED FOR GAMING

Built-in sidetone volume control with Dolby Digital Decoding. Offers realistic 7.1 virtual surround sound and Scout Mode for better immersion and positioning when playing a game.



INDUSTRY-LEADING AUDIO PROCESSING

Full audio customization with Creative's Sound Blaster Connect software designed to enhance audio realism with immersive surround sound, precision cues, bass boost and clearer vocals.



GAMING PERFORMANCE BOOSTER

GAMING WITH SOUND BLASTERX G6

The game-verse has extensively evolved since the roaring times of its two-dimensional, pixilated predecessors. Each gamer, whether on PC or console, has since developed intricate personal preferences of their own on how the audio should sound.

Dive into the world of your favorite games by combining the distinctively-engineered Sound BlasterX G6 and Sound Blaster Connect software. Their versatility brings about unparalleled access to users who appreciate the ability to adjust and fine-tune audio settings while enjoying audiophile-grade components.

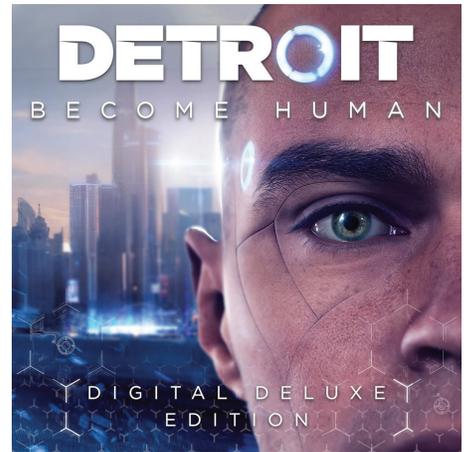


GAMING PERFORMANCE BOOSTER

EXPERIENCE IN-DEPTH AUDIO REALISM & AUTHENTIC DIALOGUE

Action and Survival – Detroit: Become Human

Picture yourself traversing through the streets of a futuristic Detroit city in Quantic Dream's latest development. Play as three separate androids that have gained consciousness as you find yourself immersing deeper into virtual reality through audio realism. Listen to furtive whispers in the background, shuffling feet of enemies or even the sound of crunching snow by turning on **Scout Mode**; those crucial cues and details could determine your rate of success in accomplishing your tasks, no matter how menial. The carefully-timed, rich audio narrative sequences get a further dose of enhanced audio with **SBX Surround**, a feature that offers spatial audio enhancement and optimizes two and multi-channel source content. In a game where words and actions shape your game play, speech and dialogs can be enhanced to ensure crystal clear clarity throughout your gaming experience.



EXPERIENCE REALISTIC IN-GAME FRONTLINE BATTLE

Battle Royale – PlayerUnknown's Battlegrounds

Enjoy chicken dinners with each exhilarating round. PlayerUnknown's Battlegrounds is an online game where every player has the same goal: outlast the other 100 players in a Battle Royale setting. Running into or avoiding intense enemy crossfire entirely can either prove to be successful or fatal; the Sound BlasterX G6 features **virtual 7.1 surround sound** where players can experience accurate positioning, giving them a distinct tactical advantage. With superior audio cue placements, players can determine the whereabouts of their opponents just from hearing gunfire, footsteps and more. Precisely engineer enhanced audio profiles with **Sound Blaster Connect** allowing you to listen to the environment just the way you want it to be heard. Beating down 100 players doesn't sound as daunting when you're always one step ahead of them.



EXPERIENCE PANORAMIC DETAILED ACCURACY

Co-Op & Survival Sandbox – Fortnite

Hop off the Battle Bus and skydive your way right into battle! Partner up in teams or squads of four others as you're pit against up to 99 players each round. With no actual safe spot in the game, fend for yourself by collecting weapons and resources while watching each others backs without succumbing to fatal attacks or snipers. Save the team and yourself with **Scout Mode**; listen to every step made, structures being built or weapons being reloaded nearby to pinpoint the exact location of your enemies. You're also able to detect weapons easily with the enhanced ambient sound radiating from the resources, allowing you to locate chests and items easier even if they're behind layers of walls. Whether you're gunning down players or hunting them, achieving #1 victory with enhanced true audio has only made the experience so much better.



AUDIO EXPERIENCE ENHANCEMENT

SOUND BLASTER CONNECT FOR PC

Available for Windows®, the fully customizable Sound Blaster Connect software gives you complete control over your listening experience with audio realism and immersive audio effects that intelligently enhance game play. From the whizz of bullets flying past your ear in your favorite FPS game to the terrifying roar of a troll from an adventure title, the essence of your game comes alive with our professionally tweaked enhancements!



Visit www.blasterX.com/software to download.

1: PROFILE SETTINGS

- Shows current profile
- Select another profile or customize profile settings
- Store profiles onto Sound BlasterX G6

2: BLASTERX ACOUSTIC ENGINE SETTINGS

Modify audio playback enhancement settings

3: EQUALIZER SETTINGS

- Select a preset EQ
- Modify EQ settings

4: SCOUT MODE SETTINGS

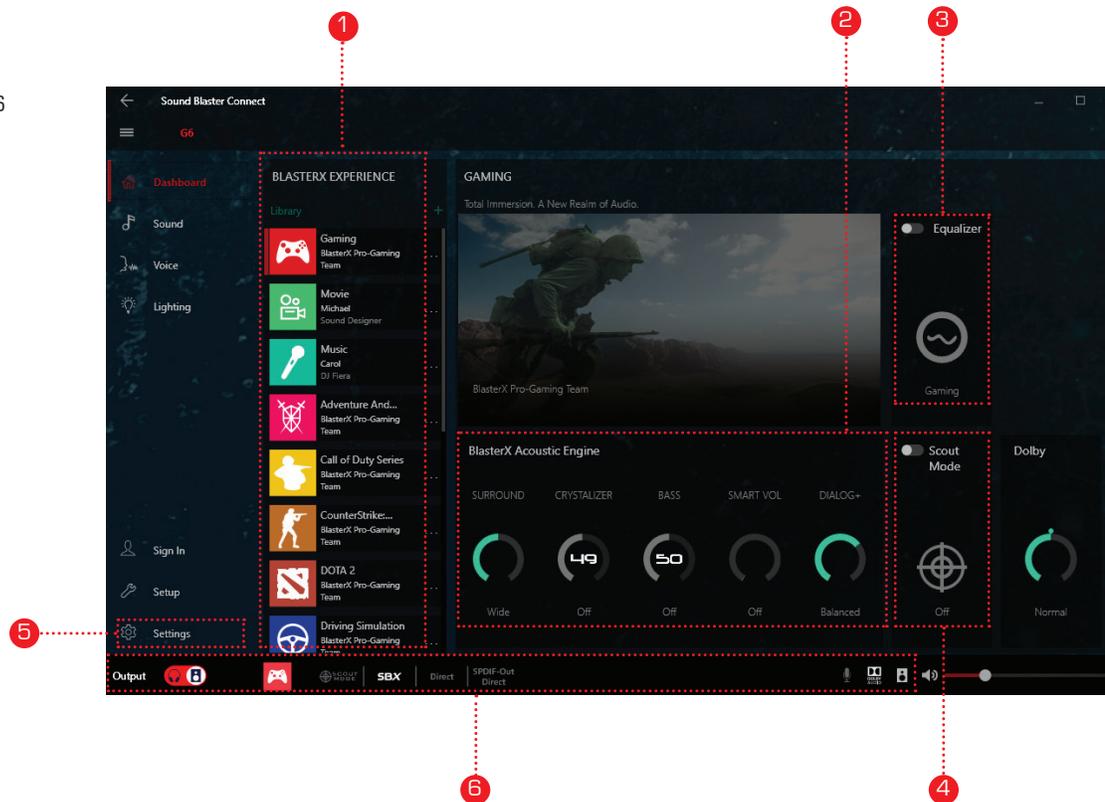
- Activate Scout Mode to enhance audio cues in combat games
- Assign short-cut keys to activate Scout Mode

5: MENU

- Change language settings
- Restore default settings

6: DEVICE STATUS

Shows current device settings



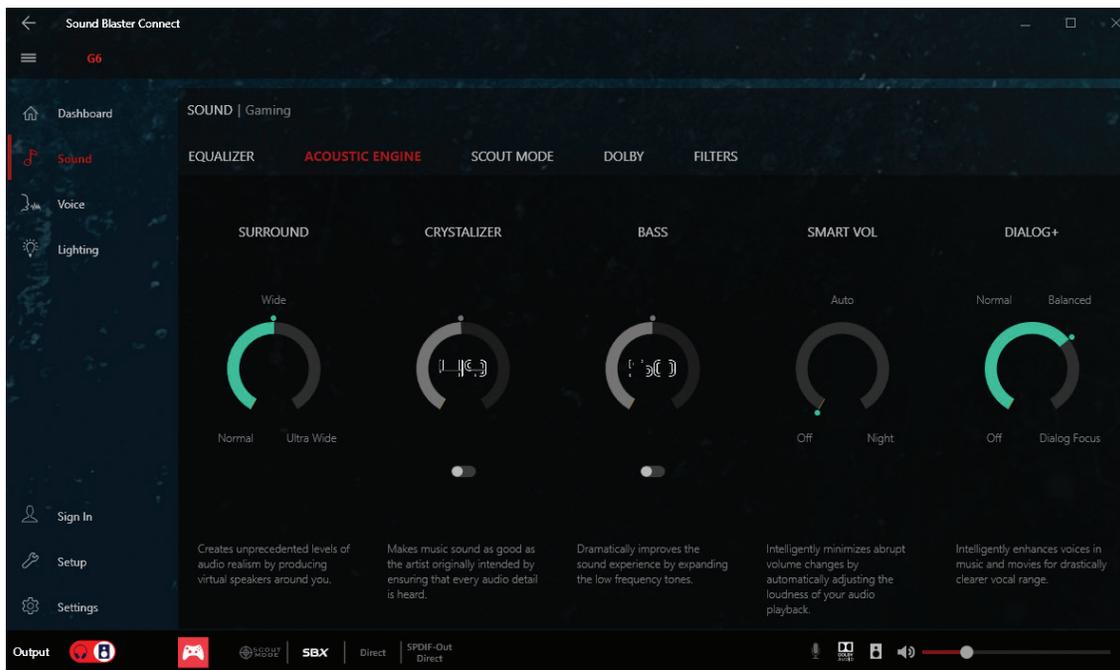
AUDIO EXPERIENCE ENHANCEMENT

CUSTOMIZING PRE-DEFINED AUDIO PROFILES TO SUIT YOUR NEEDS

You can customize each profile according to preference.

Pre-defined Audio Profiles

In the Acoustic Engine menu **2**, select or modify the options as desired.



Immersion: Move the slider higher to open up a larger sound field and simulate a surround speaker setup. A lower percentage gives more “centered” audio.

Crystalizer: Restores audio details lost through compression. A higher percentage means a larger amount of audio details restored.

Bass: Move the slider to adjust the enhancement of bass sounds. More harmonic tones will be added the higher you go.

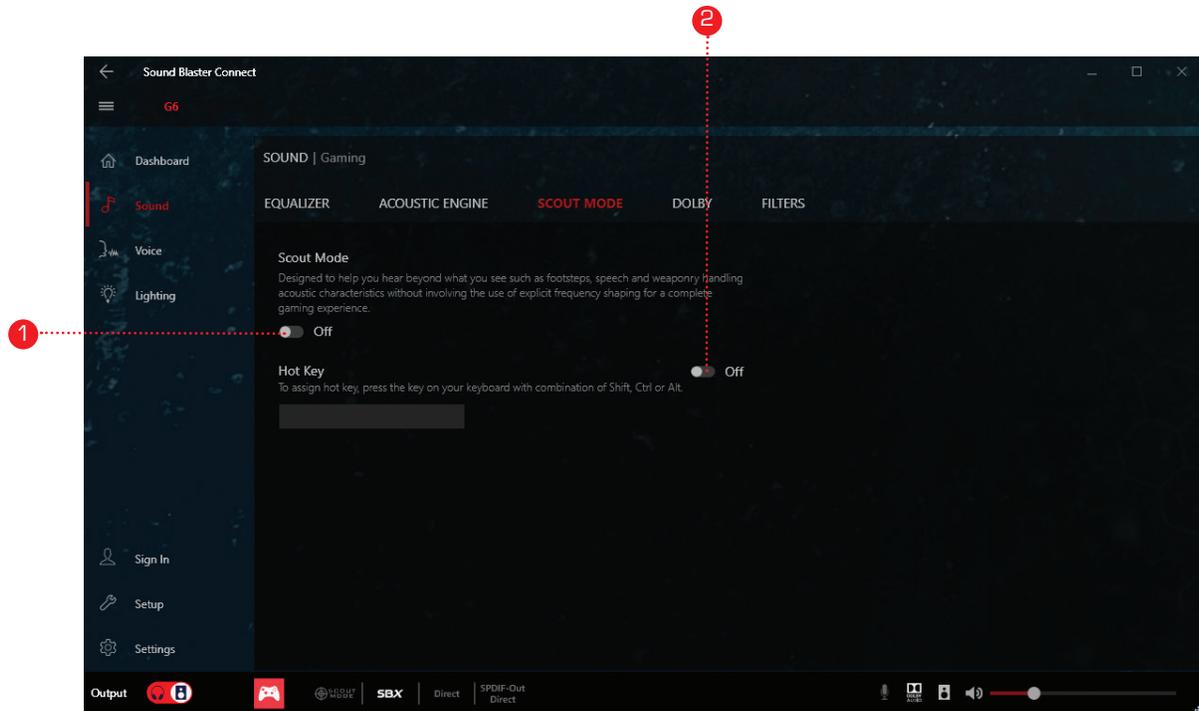
Smart Vol: Activate Smart Vol to normalize volume levels [Normal], pump up the volume [Loud], or reduce loud burst of sounds for those late night sessions [Night]. Move the slider to adjust the intensity accordingly.

Dialog+: To hear dramatically clearer dialog, slide the slider higher for more voice enhancement.

AUDIO EXPERIENCE ENHANCEMENT

ENHANCING AUDIO CUES IN GAMES

Scout Mode enhances important in-game audio cues – such as footsteps and weapon switching sounds – allowing you to quickly and accurately pinpoint your opponent’s location, giving you a distinct tactical advantage during combat.

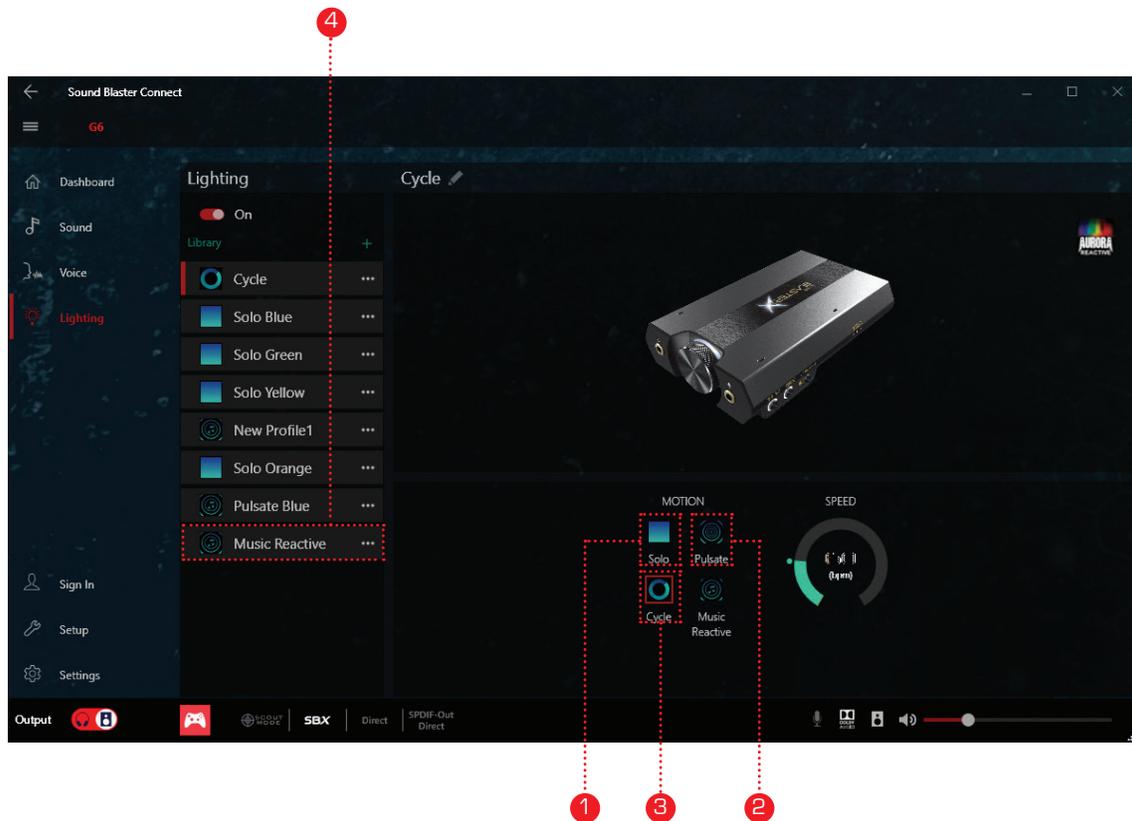


1. Go to **Sound** tab, click on **Scout Mode** to enable this feature.
2. Configure hotkeys for turning on/off **Scout Mode**.

CUSTOMIZING LUMINOSITY

PERSONALIZED LIGHT SHOW AESTHETICS FOR YOUR PLEASURE

Personalize your Sound BlasterX G6 further with the Aurora Reactive lighting system. Program up to 16.8 million colors in different motions and speed when you connect the external sound card to Sound Blaster Connect.



Select from the following motions to enjoy a symphony of lights:

1. **Solo**
2. **Pulsate**
3. **Cycle**
4. **Music Reactive:** Bring your music alive with **Music Reactive**. Soak in the bass drops and the serenity of the harmonies as lights dance along to your choice of music.

SOUND BLASTERX EXTERNAL AUDIO SERIES

Built to deliver high-resolution and powerful gaming audio solutions for gamers, the Sound BlasterX series is designed to provide next-level audio realism for further unparalleled immersion and personalized enhanced audio.

Sound BlasterX	G6	G5	G1
GENERAL			
Connectivity	USB 2.0 HS/3.0	USB 2.0 HS/3.0	USB 1.1/2.0/3.0
Audio Processor	SB-Axx1	SB-Axx1	-
Xamp Discrete Headphone Amplifier	Yes	-	-
Outputs	Headphone (Stereo), Line, Optical	Headphone (Stereo), Line, Optical	Headphone (Stereo)
Inputs	Micro USB, Optical, Line, Mic	Micro USB, Optical, Line, Mic	-
SNR for Playback	130dB [DAC]	120dB [DAC]	-
Maximum Playback Quality	32-bit/384kHz	24-bit/192kHz	24-bit/96kHz
Headphone Amp Output Impedance	1 Ω	2.2 Ω	2.2 Ω
Headphones Supported	16 - 600 Ω	16 - 600 Ω	16 - 300 Ω
Works With	PC/Mac/PS4™/XBox™/Switch™	PC/Mac/PS4™/XBox™	PC/Mac/PS4™
Key Features	Sidetone & Mic Vol Control / Playback of DSD64 and DSD128 Format Over PCM (DoP) / Dolby Digital Decoding	Mic Vol Control via Software	-
Added Features	Headphone Amplifier Gain Switch / Hardware Accelerated BlasterX Acoustic Engine / Receives 5.1 or 7.1 Audio Input / Customizable RGB LED Power Indicator through Software	USB Port for Additional USB Devices / Hardware Accelerated BlasterX Acoustic Engine / Headphone Amplifier Gain Switch / 3 Customizable Gaming Profiles / Receives 5.1 or 7.1 Audio Input	Receives 5.1 or 7.1 Audio Input / Customizable X-Plus Sound Signature when Paired with Sound BlasterX H5
SOFTWARE			
Downloadable Software	Sound Blaster Connect (For Windows®)	BlasterX Acoustic Engine Pro (For Windows®)	BlasterX Acoustic Engine Pro/ X-Plus Configurator (For Windows®)
Audio/Voice Enhancement	BlasterX Acoustic Engine, Scout Mode, Virtual 7.1 Surround, Voice Morph / Roll Off Filters	BlasterX Acoustic Engine, Scout Mode, Virtual 7.1 Surround, VoiceFX	BlasterX Acoustic Engine, Scout Mode, Virtual 7.1 Surround, VoiceFX
Included Accessories	Micro-USB Cable, Mini TOSLINK Cable	Micro-USB Cable, Mini TOSLINK Cable	-

Find out more: www.creative.com/blasterx-G6

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