

SOUND BLASTER<sup>X</sup><sup>®</sup> H6

**USB GAMING HEADSET WITH  
7.1 SURROUND SOUND**



EXPERIENCE GUIDE

CREATIVE<sup>®</sup>

# INTRODUCING THE SOUND BLASTER X H6

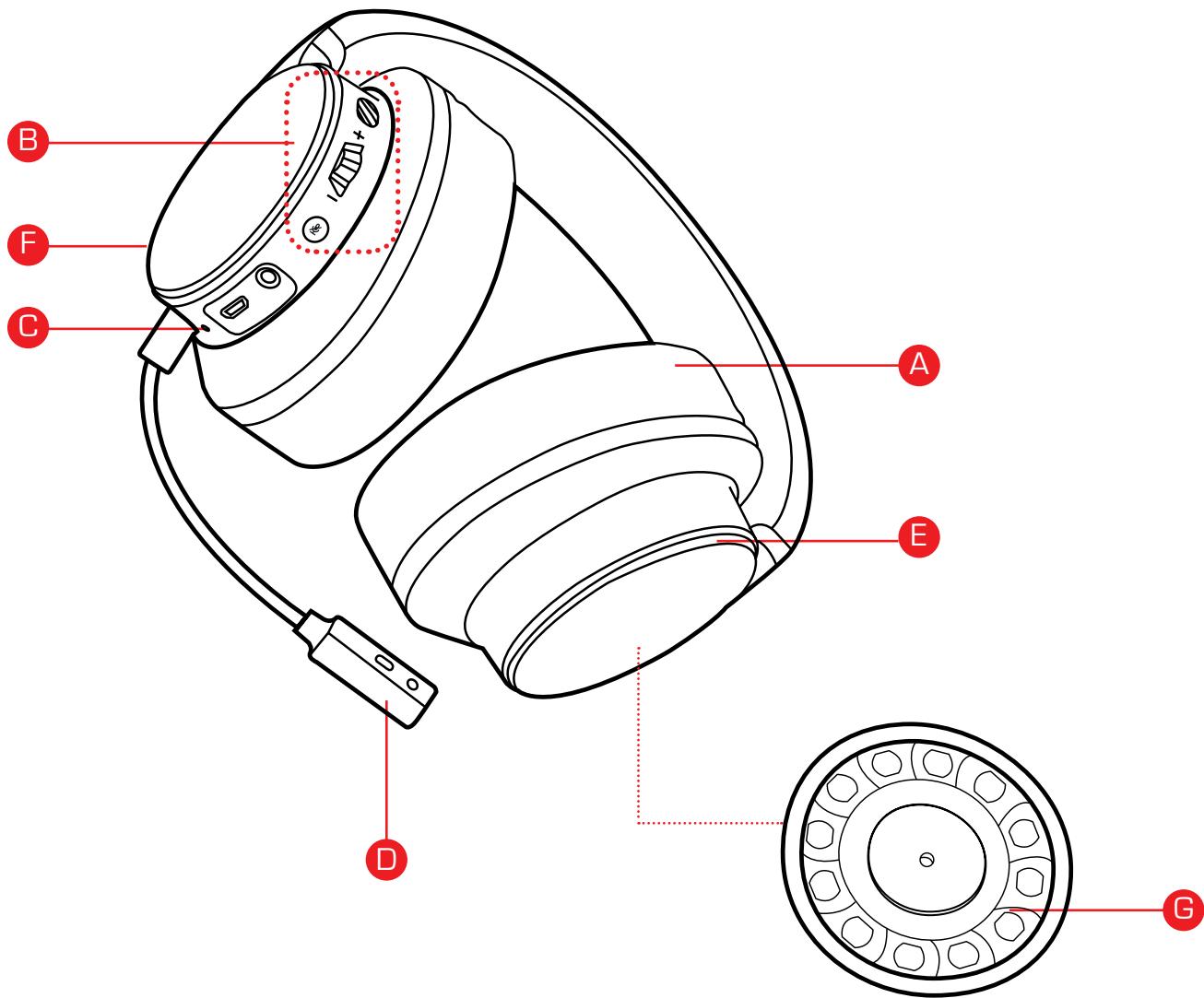
Dive deeper into an immersive gaming world with the Sound BlasterX H6. The omnipotent circumaural headset packs performance with its pro-tuned 50mm Neodymium drivers, 32Ω impedance, frequency response of 20Hz - 20kHz, detachable noise-reducing clearcomms mic and more.

The headset also boasts snug comfort for long-term use with its high density memory foam ear pads & optimal clamping force of less than 600 grams, professionally-tuned hardware EQ profiles, as well as on-ear Volume, Mic & Multi-function controls. All of this, along with Ambient Monitoring and customizable Aurora RGB Lighting, enjoy an exciting gaming experience on the PS4™, Xbox One™, Nintendo Switch™ and PC with the latest headset lineup of Sound BlasterX.



# OVERVIEW

## ARCHITECTURE & CONTROLS



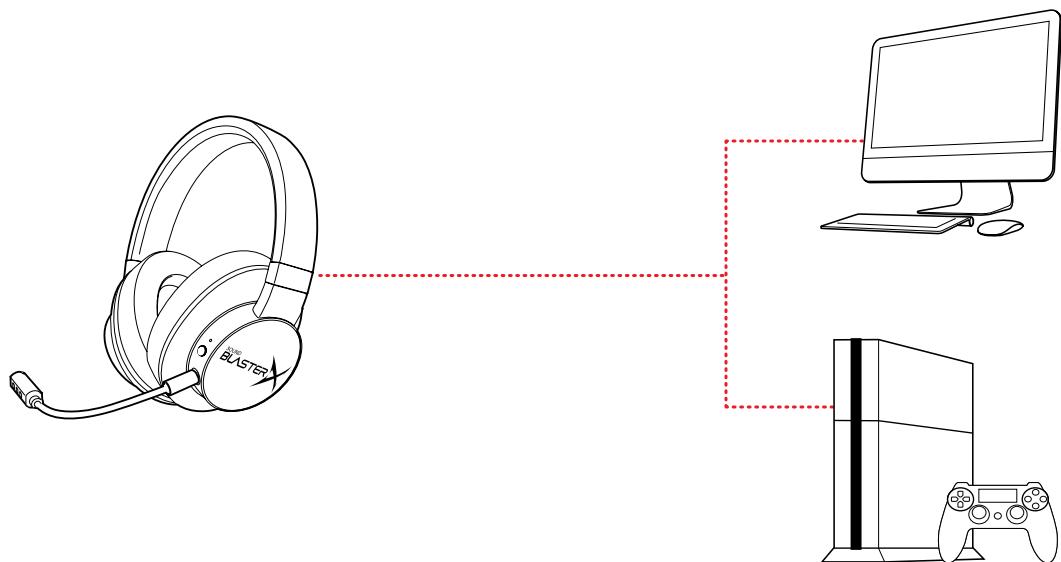
- A**: Breathable & replaceable high density memory foam fabric mesh earpads
- B**: On-ear volume, mic & multifunction controls
- C**: Ambient monitoring lets you hear the outside world when activated
- D**: Detachable noise-reducing clearcomms mic
- E**: Customizable aurora RGB lighting
- F**: 3 Professionally-tuned hardware EQ profiles work even without software
- G**: Pro-tuned 50mm neodymium drivers for loud, accurate sound

# OVERVIEW

## CONNECTIVITY

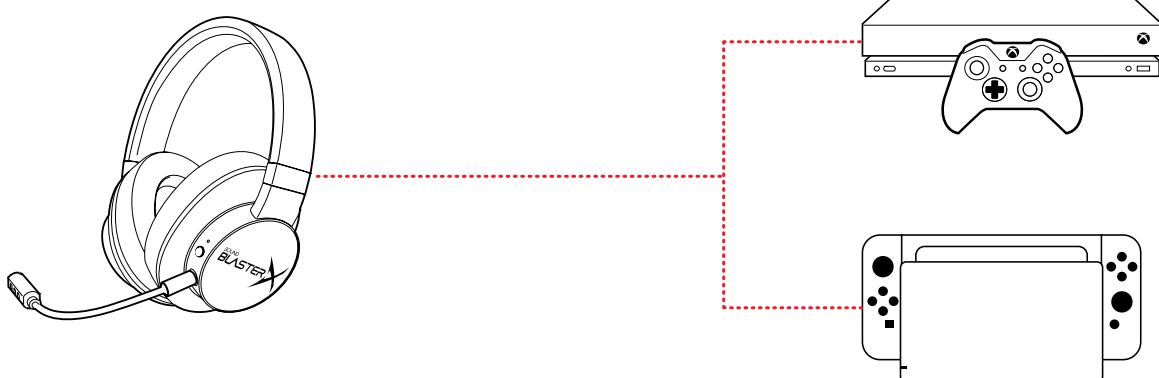
### PC / MAC / PS4 / NINTENDO SWITCH

Enjoy lossless audio with crystal clear clarity by connecting the Sound BlasterX H6 via USB. Simply plug & play to enjoy stunning, immersive audio on your computer or console.



### XBOX ONE / MOBILE

Plug the Sound BlasterX H6 to your Xbox controller or Nintendo Switch console via the analog cable provided to enjoy quality and immersive gaming experience both at home or while on the go.



# KEY FEATURES

## BREATHABLE & REPLACEABLE HIGH DENSITY MEMORY FOAM FABRIC MESH EARPADS WITH OPTIMAL HEADSET CLAMPING FORCE

Fundamentally designed to provide the gaming community a powerful yet comfortable headset for extended gaming sessions, the Sound BlasterX H6 is built to present an aesthetically pleasing headset that also performs. On top of its optimal clamping force of less than 600 grams, offering a perfect balance between comfort and good seal for accurate bass, the headset is fitted with replaceable high density memory foam cushions to ensure long lasting comfort and to filter out noises from your surroundings. Enjoy extended use of the headset without worrying about discomfort and its durability.

## 3 PROFESSIONALLY-TUNED HARDWARE EQ PROFILES WORK EVEN WITHOUT SOFTWARE

Professionally-tuned audio enhancement without using software is made possible with Sound BlasterX H6's built-in EQ profiles button. The headset offers users an enhanced and immersive audio experience for movies, games and more without for any further manual adjustments. Switch between Gaming, Movies and Music EQ presets to suit the mood or occasion. Simply tap on the EQ button on the built-in controls to make the change.

## CUSTOMIZABLE AURORA RGB LIGHTING

Illuminate the surroundings or match any mood to colors with Sound BlasterX H6's fully customizable RGB ring on each cup. The headset introduces the Aurora Reactive lighting system, allowing users to program up to 16 million colors with varying motions and speed. Select from a symphony of lights with motions such as Solo, Pulse and Music Reactive to accompany extended hours of gaming sessions or set the mood while settling down with a movie for the night.

## ON-EAR VOLUME, MIC & MULTIFUNCTION CONTROLS

The SoundBlasterX H6 reduces the need of pendent peripherals by introducing Volume, Mic & Multifunction controls onto the on-ear headset for easier access. Users are given an added tactical advantage during competitive gaming sessions, reducing the time spent to locate buttons or having to look away in the midst of a virtual battle. Experience EQ presets, Ambient Monitoring and Mute control easily at a tap of a finger, no further actions needed!

## DETACHABLE NOISE-REDUCING CLEARCOMMS MIC

Ensuring crystal clear voice transmission and receiving high resolution audio is critical, especially during team effort games. The detachable large capsule microphone with noise cancellation on the Sound BlasterX H6 has the ability to capture desired sound whilst filtering out ambient noise, a feature most desired especially in noisy environments. Enjoy the flexibility of an adjustable mic to pick up your voice however you place it.

## AMBIENT MONITORING LETS YOU HEAR THE OUTSIDE WORLD WHEN ACTIVATED

Experiencing the world around you while having a headset on is no longer out of reach with Ambient Monitoring. The latest headset feature highlights the ability to switch between listening in on the surroundings and back to the user's choice of audio entertainment in a matter of seconds with just a tap of a button. Capturing ambient sound is made possible with the built-in Ambient Monitoring Microphone – all audio captures is only available locally and will not be transmitted even while using any communications/VOIP programs. Talk to the person next to you or listen out to the doorbell if you're expecting delivery, all while having the Sound BlasterX H6 on.

# GAMING PERFORMANCE BOOSTER

## EXPERIENCING SOUND BLASTERX H6

The game-verse has extensively evolved since the roaring times of its two-dimensional, pixilated predecessors. Every gamer, from PC to consoles, has since garnered intricate, personal preferences of their own on how the audio should be resonated.

Dive into the world of your favorite games by combining the distinctively-engineered Sound BlasterX H6 and Sound Blaster Connect software. Their versatility brings about an unparalleled access to users who appreciate the ability to adjust and fine-tune audio settings while enjoying audiophile-grade components. Take control of your audio experience made uniquely to your ears only.

### EXPERIENCE IN-DEPTH AUDIO REALISM & AUTHENTIC DIALOG

Action and Survival – Assassin's Creed: Origins

Picture yourself traversing through the Sahara desert while combating the sweltering heat and hallucinations with your horse mount or sneak up to the villa of your next victim in Ubisoft's tenth main installment of the series, Assassin's Creed: Origins. Play as Bayek of Siwa, one of the last Medjays of Egypt or his wife, Aya of Alexandria as you travel across the region to not only seek revenge for their murdered son but also lend a helping hand to Queen Cleopatra in the brewing battles of Alexandria and Nile. Listen to the furtive whispers in the background, shuffling feet of enemies or even something as basic as the sound of water sloshing around in the river with the Sound BlasterX H6. Lunge forward into an immersive and stunning virtual world and bring yourself back to 48 BCE in Egypt by simply putting your headset on.



### 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 99 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 H6 features **virtual 7.1 surround sound** where players can experience accurate positioning, giving them 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 their environment just the way you want it to be heard. Beating down 99 players doesn't sound as daunting when you're always one step ahead of them.



# GAMING PERFORMANCE BOOSTER

## 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 are 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.



# ENHANCING YOUR AUDIO EXPERIENCE

## 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 ears in your favorite FPS game to the terrifying roar of a troll from an adventure title, the essence of your games comes alive with our professionally tweaked enhancements!



Visit [www.blasterX.com/software](http://www.blasterX.com/software) to download.

### 1: PROFILE SETTINGS

- Shows current profile
- Select another profile or customize profile settings

### 2: BLASTERX ACOUSTIC ENGINE SETTINGS

Modify audio playback enhancement settings

### 3: EQUALIZER SETTINGS

- Select a preset EQ
- Modify EQ settings

### 4: SCOUT MODE SETTINGS

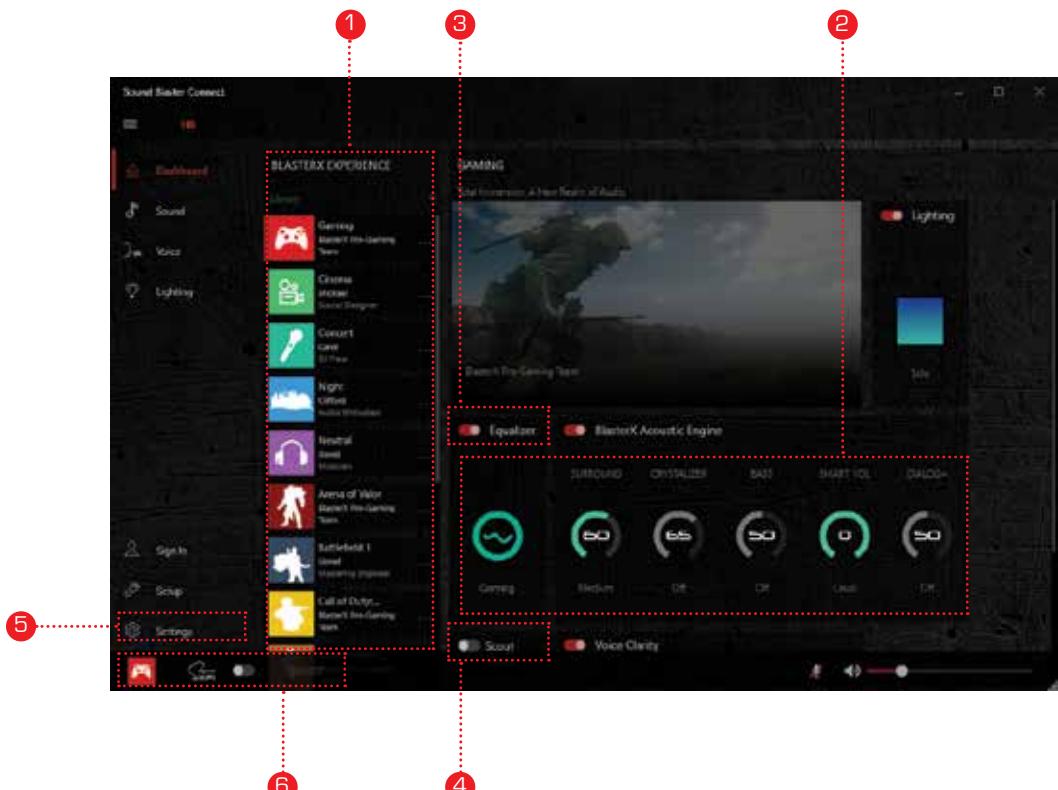
- Activate Scout Mode to enhance audio cues in combat games
- Assign short-cut keys to activate Scout Mode

### 5: MENU

- Change language settings
- Restore default settings

### 6: DEVICE STATUS

Shows current device settings



# ENHANCING YOUR AUDIO EXPERIENCE

## SOUND

You can customize each profile according to preference.

### Equalizer

Select from a plethora of Equalizer presets to match your audio, or enhance the bass or treble to your liking with our graphic equalizer.

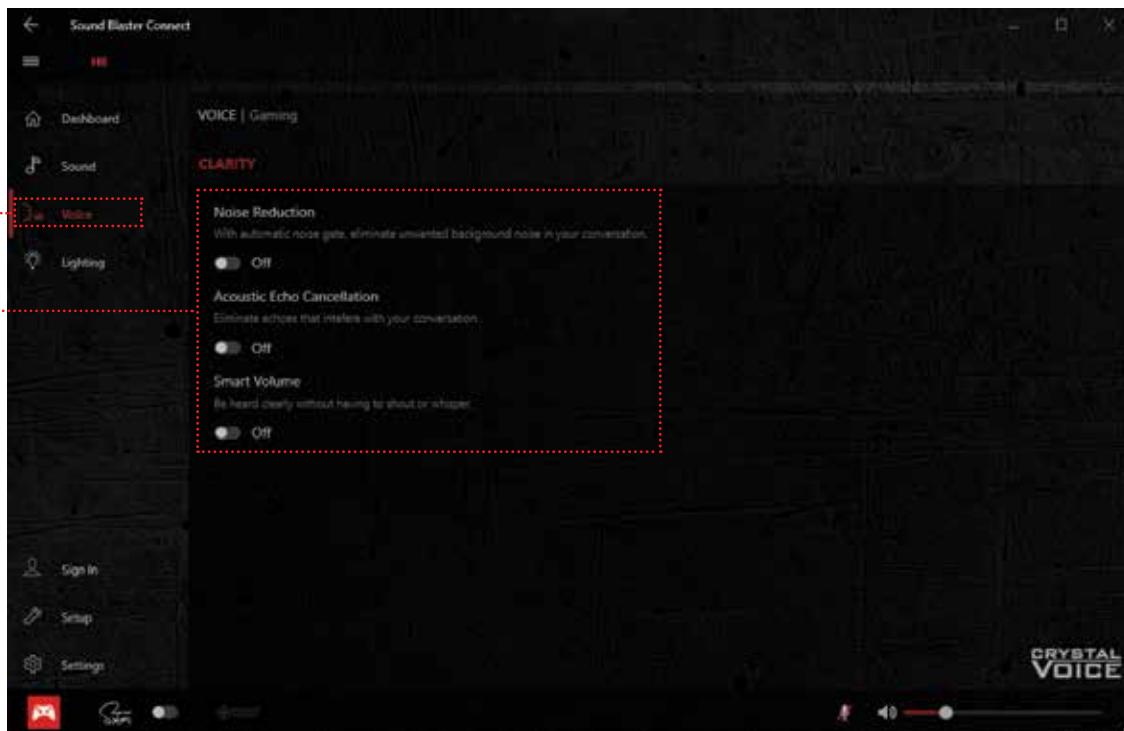


1. Tap to view a list of preset EQs.
2. Simply draw your preferred EQ wave across the frequency bands or adjust each frequency filter by sliding the points.
3. Slide to adjust the enhancement of bass sounds. More harmonic tones will be added the higher you go.
4. Slide to adjust the enhancement of high notes.

# ENHANCING YOUR AUDIO EXPERIENCE

## ENHANCED VOICE CLARITY IN ONLINE GAMING SESSIONS

Enjoy crystal clear **Voice** clarity by tuning the settings in accordance to your preference during online chat sessions.

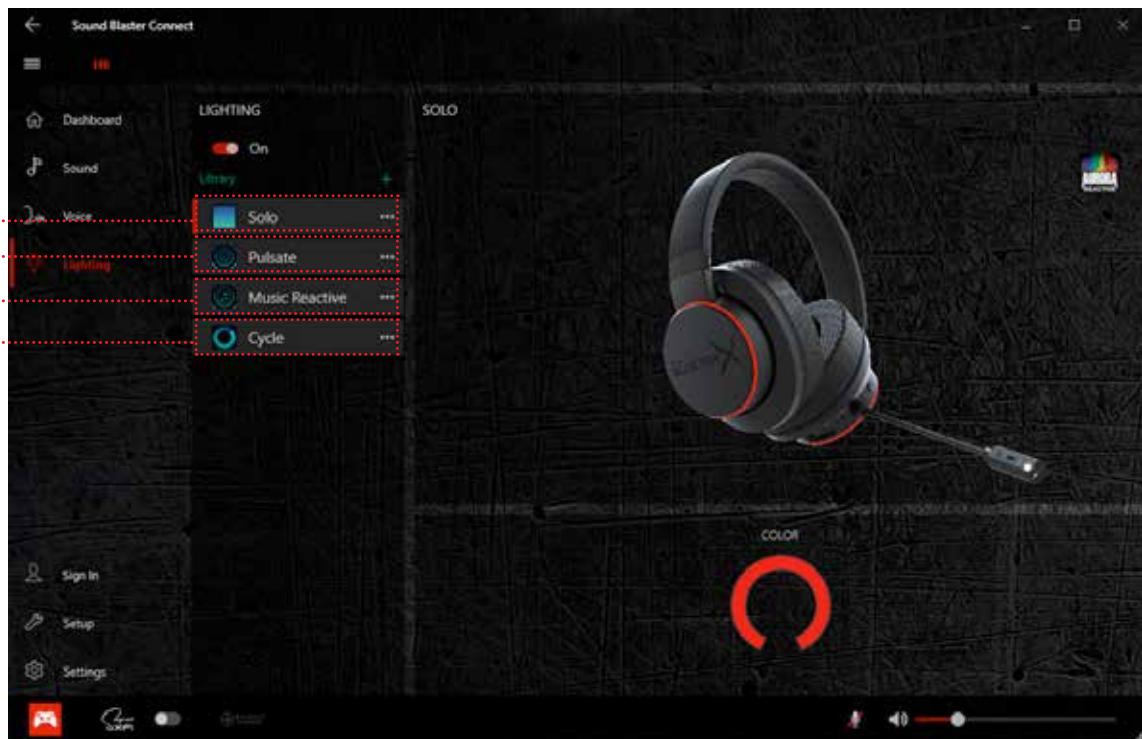


1. Go to **Voice** tab to access voice chat settings for gaming.
2. Toggle between On/Off to select between **Noise Reduction**, **Acoustic Echo Cancellation** and **Smart Volume**.

# CUSTOMIZING LUMINOSITY

## PERSONALIZED LIGHT SHOW AESTHETICS FOR YOUR PLEASURE

Personalize your Sound BlasterX H6 further with the **Aurora Reactive** lighting system. Enjoy the ability to program up to 16 million colors in different motions and speed when you connect the headset to the Sound Blaster Connect software.



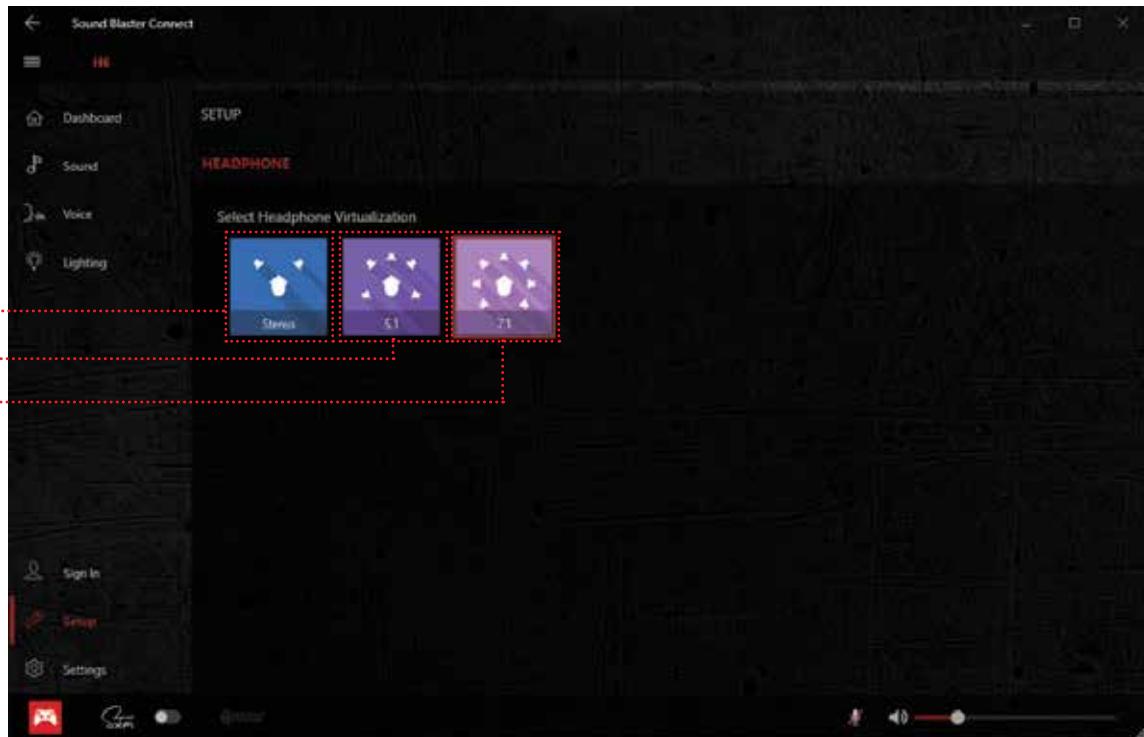
Select from the following motions to enjoy a symphony of lights:

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.

# ENHANCING YOUR AUDIO EXPERIENCE

## HEADPHONE VIRTUALIZATION SETUP

Heighten your gaming audio experience with the Sound BlasterX H6 by setting up the **Headphone Virtualization** feature on Sound Blaster Connect software to further augment your virtual surround sound experience.



Select from the following options to activate Headphone Virtualization:

1. **Stereo**
2. **5.1 Surround Sound**
3. **7.1 Surround Sound**

# SOUND BLASTERX 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	H7	H6	H5	Sound BlasterX	G6
<b>GENERAL</b>					
<b>Connectivity</b>	3.5mm 4-Pole Analog Cable, USB Cable	3.5mm 4-Pole Analog Cable, USB Cable	3.5mm 4-Pole Analog Cable	<b>Connectivity</b>	USB 2.0 HS/3.0
<b>Analog/USB Audio</b>	Yes/Yes	Yes/Yes	Yes/-	<b>Audio Processor</b>	SB-Axx1
<b>Sound Signature</b>	USB Mode - X-Plus Analog Mode - Dynamic	Dynamic	Dynamic	<b>Xamp Discrete Headphone Amplifier</b>	Yes
<b>Included Accessories</b>	USB Cable, 3.5mm 4-Pole Analog Cable	2m USB Cable, 1.5m, 3.5mm 4-Pole Analog Cable	Y-Splitter	<b>Outputs</b>	Headphone (Stereo), Line, Optical
<b>Added Features</b>	Inline Remote Control Call, Playback, Mic]	Built-in Controls (EQ, Mic Mute, Ambient Monitoring)	Inline Remote Control (Call, Playback, Mic)	<b>Inputs</b>	Micro USB, Optical, Line, Mic
<b>HEADSET</b>					
<b>Type</b>	Circumaural	Circumaural	Circumaural	<b>SNR for Playback</b>	130dB (DAC)
<b>Audio Drivers</b>	50mm Neodymium Magnet	50mm Neodymium Magnet	50mm Neodymium Magnet	<b>Maximum Playback Quality</b>	32-bit/384kHz
<b>Frequency Response</b>	20Hz-20kHz	20Hz - 20kHz	20Hz-20kHz	<b>Headphone Amp Output Impedance</b>	1 Ω
<b>Impedance</b>	32 ohms	32 ohms	32 ohms	<b>Headphones Supported</b>	16 - 600 Ω
<b>Sensitivity</b>	118dB @ 1kHz	114dB @ 1kHz	118dB @ 1kHz	<b>Works With</b>	PC/Mac/PS4™/ XBox™/Switch™
<b>MICROPHONE</b>					
<b>Type</b>	Detachable, Unidirectional Noise Reduction Condenser	Unidirectional Noise Reduction Condenser	Detachable, Unidirectional Noise Reduction Condenser	<b>Key Features</b>	Sidetone & Mic Vol Control / Playback of DSD64 and DSD128 Format Over PCM (DoP) / Dolby Digital Decoding
<b>Frequency Response</b>	100Hz-15kHz	50Hz-15kHz	100Hz-15kHz	<b>Added Features</b>	Headphone Amplifier Gain Switch / Hardware Accelerated BlasterX Acoustic Engine / Receives 5.1 or 7.1 Audio Input / Customizable RGB LED Power Indicator through Software
<b>Impedance</b>	< 2.2 kohms	< 2.2 kohms	< 2.2 kohms		
<b>Sensitivity</b>	-40dB @ 1kHz	-42dB @ 1kHz	-40dB @ 1kHz		
<b>SOFTWARE</b>					
<b>Downloadable Software (For Windows®)</b>	BlasterX Acoustic Engine Pro/ X-Plus Configurator	Sound Blaster Connect	BlasterX Acoustic Engine Lite	<b>Software</b>	Sound Blaster Connect
<b>Audio/Voice Enhancement</b>	BlasterX Acoustic Engine, Scout Mode, Virtual 7.1 Surround, VoiceFX, Fully Customizable Audio Profiles	BlasterX Acoustic Engine, Scout Mode, Virtual 7.1 Surround, Clarity, Fully Customizable Audio Profiles	Professionally Tuned Preset Profiles	<b>Downloadable Software (For Windows®)</b>	BlasterX Acoustic Engine, Scout Mode, Virtual 7.1 Surround, Voice Morph / Roll Off Filters
				<b>Audio/Voice Enhancement</b>	
				<b>Included Accessories</b>	Micro-USB Cable, Mini TOSLINK Cable

Find out more: [www.creative.com/blasterx-H6](http://www.creative.com/blasterx-H6)

## Corporate Headquarters

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