

SOUND  
**BLASTER**  
PRO-GAMING



# VANGUARD Ko8

RGB MECHANICAL GAMING KEYBOARD



**EXPERIENCE GUIDE**

**CREATIVE®**

SOUND  
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**VANGUARD** K08

RGB MECHANICAL GAMING KEYBOARD

## TAKE COMMAND OF YOUR DESTINY

**The Sound BlasterX Vanguard K08 is designed to keep you  
on top of your game.**

Crafted with ultra responsive and durable custom-made OMRON mechanical switches, the compact keyboard with 109 customizable keys, an ergonomically designed body, clean matte surface and fully programmable ambient-reactive lighting perfectly delivers your every command with pinpoint precision and speed.



# OVERVIEW

VANGUARD K08

## ARCHITECTURE

### PRO-CUSTOMIZED OMRON® SWITCHES

- Up to 70 million keystrokes
- Double cross-point technology for fail-safe keystrokes

### 109 FULLY PROGRAMMABLE KEYS

- 104 standard keys
- 5 dedicated macro keys
- US layout

### HIGH-SPEED USB 2.0 PASS-THROUGH PORT

- For convenient peripheral connectivity

### ONBOARD ROTARY VOLUME AND MEDIA CONTROLS

- For maximum convenience and easy access



### LOW PROFILE SWIFT KEYCAPS

- Ergonomically designed for better typing

### PROGRAMMABLE PER-KEY BACKLIGHTING

- 16.8 million colors Aurora Reactive Lighting System
- Brighter and more uniform lighting with customized switch featuring centered LED position and lens diffuser

### DETACHABLE WRIST REST

- Comfortable wrist support even after long hours of gaming

### STURDY EXTENDABLE FEET

- 2 position adjustable height for comfortable typing

## SPECIFICATIONS

### KEY SWITCHES

Durability: 70 million actuations

Actuation force: 45g

Actuation distance: 1.5mm

Total travel distance: 3.5mm

### WEIGHT

Without cable, wrist rest: 1182g / 41.7 oz

With cable, wrist rest: 1288g / 45.4 oz

### DIMENSIONS

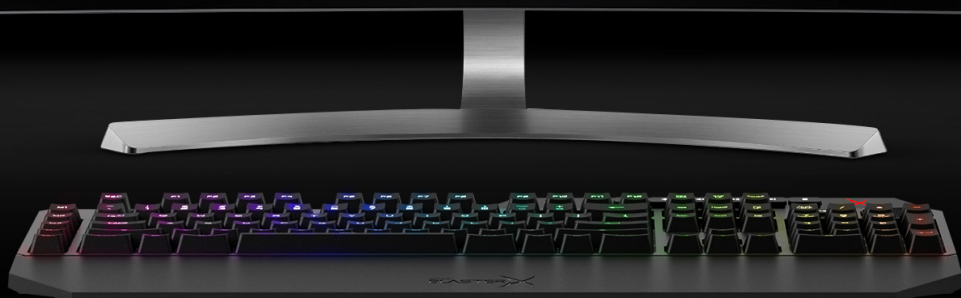
Without wrist rest [L x W x H]: 465 x 149 x 37.6 mm / 18.3 x 5.9 x 1.5 in

With wrist rest [L x W x H]: 465 x 215 x 37.6 mm / 18.3 x 8.5 x 1.5 in

## SOFTWARE REQUIREMENTS

### FOR WINDOWS®

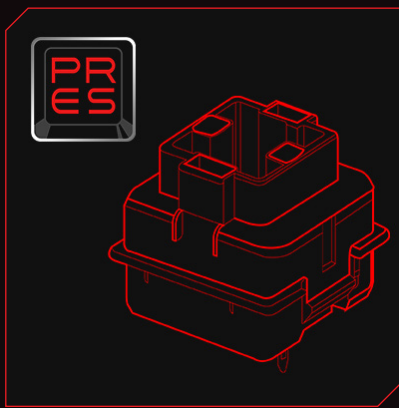
- Microsoft® Windows 7 and above
- Intel® Core™2 Duo or AMD® equivalent processor (2.8 GHz or faster recommended)
- 1 GB RAM
- >600 MB free hard disk space
- USB 2.0 port
- Internet Connection



## KEY FEATURES

VANGUARD K08

### PROFESSIONALLY CUSTOMIZED OMRON SWITCHES

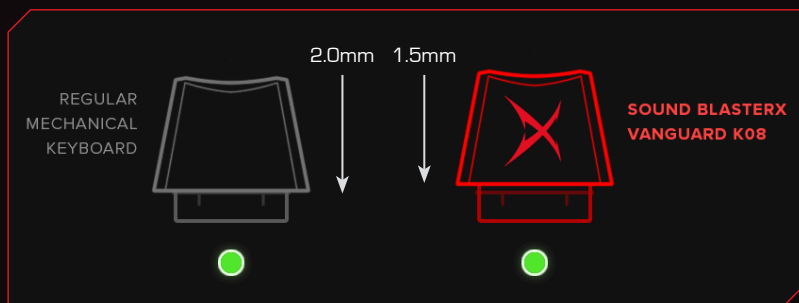


Co-designed and produced with OMRON, PRES (Perceive-React-Execute Switches) are custom mechanical switches professionally developed for high actions per minute gaming and typing comfort. The responsive tactile switches offer a reliable and better actuation feel, but with quieter clicks for those who prefer a more silent approach to gaming.

Built for durability and reliability, each switch can withstand over 70 million keystrokes and feature double cross-point technology for fail-safe contacts. PRES allows you to reach your full potential, offering quick input action and instantaneous rapid-fire keystrokes while minimizing typos and mistakes - giving you the perfect balance of speed and control

## 25% FASTER RESPONSE AND 12.5% FASTER ACTIONS PER MINUTE

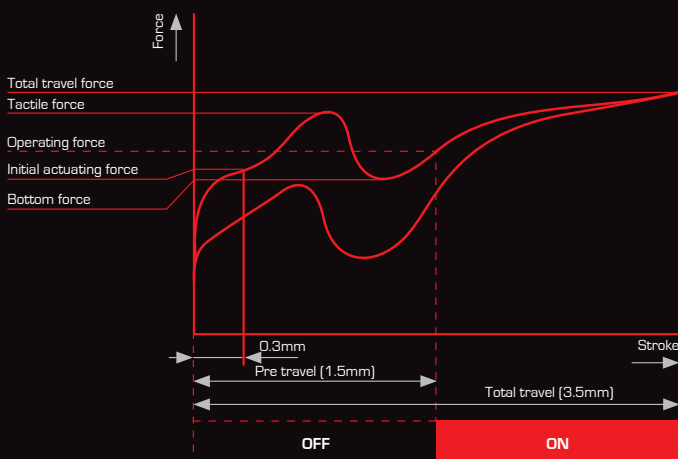
In a world where 1 millisecond is a matter between winning or losing, the speed of your keyboard response is absolutely crucial. While the default travel distance of most mechanical keyboards is 2.0mm, the Vanguard K08 is designed with a shorter **pre-travel of 1.5mm**. This means you only have to depress the keys by  $\frac{3}{4}$  of the usual distance before a command is fired off, and translating into an important in-game reaction and execution.



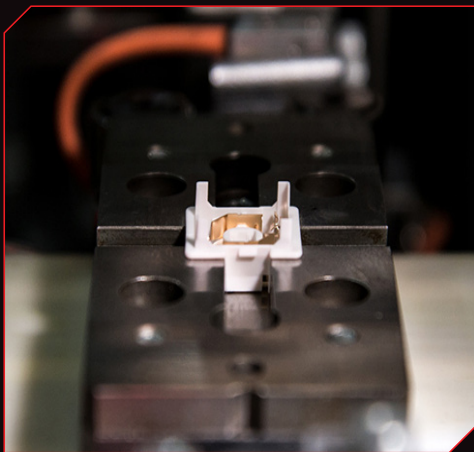
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With some game mechanics requiring you to mash a button really fast in order to do maximum damage to a boss or just to pry a door open, Vanguard's PRES with a **3.5mm total travel depth** (as opposed to the standard 4.0mm), allows you to fire off more keypresses in the same time

For example, if mashing a key on a normal keyboard for a minute registers 420 keypresses, with the Vanguard, you'd be able to pull off 48 more keypresses (468 total) in the same amount of time. That's an additional 12.5% more hits dealt to a boss or 12.5% more words per minute (if you're the sort who like creating walls of text).



## 100% MORE RELIABLE WITH DUAL CONNECTORS



Unlike normal mechanical switches with single connectors, PRES features **cross-point technology** for fail-safe contacts. With dual connectors in each switch, PRES is guaranteed to fire off even in the event of one connector failing due to oxidation or dirt particles. The Vanguard K08 may just be the first keyboard to endure a sandstorm and still be fully operational.

## 26-KEY ROLLOVER WITH ANTI-GHOSTING TECHNOLOGY

Even with 10 fingers and 10 toes, you'll only be able to hit 20 keys at any one time - and that leaves 6 more to spare! This means all causes of keyboard input lag, jams and ghosting are eliminated. Unless you're a faceroller, you can be assured that **all your commands are registered accurately** every time.

## AURORA REACTIVE LIGHTING SYSTEM

The Sound BlasterX Vanguard K08 features ambient-reactive RGB backlighting powered by the fully customizable Aurora Reactive lighting system. Inspired by earth's natural phenomenon, Aurora Reactive illuminates the keyboard with brilliant displays of color.

The customized PRES switch with centered LED position and lens diffuser offers **brighter and more uniform lighting**. The keys can even be individually marked by color for easy recognition when gaming in the dark or to simply add “war paint” to your battlestation.



Choose from 6 presets or program it with up to 16.8 million colors and different rhythms. Build a neat gaming space by linking up other Aurora Reactive Lighting System products.





# ENHANCING & CUSTOMIZING

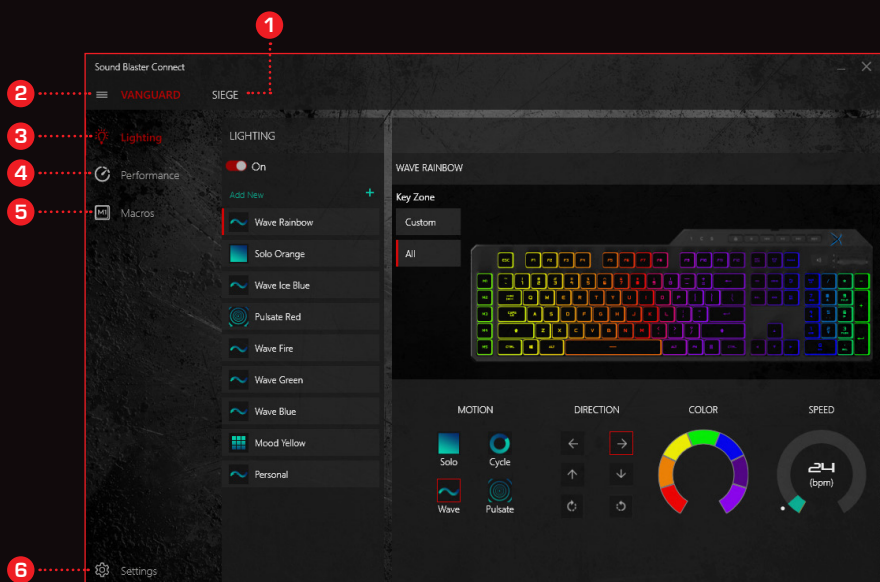
# VANGUARD<sub>K08</sub>

## SOUND BLASTER CONNECT FOR PC

Available for Windows, the fully customizable Sound Blaster Connect software gives you complete control over your product. You can also tweak the lighting effects of your BlasterX product to create a neat gaming space.

**Sound**  
**BLASTER**

### OVERVIEW



#### 1 Connected Devices

- Select the device to configure

#### 2 Open/Collapse Menu

- Open or collapse the sidebar menu

#### 3 Lighting

- Choose or customize RGB lighting presets to match your mood and space

#### 4 Performance

- Set key repeat delay and repeat rate
- Set polling rate

#### 5 Macros

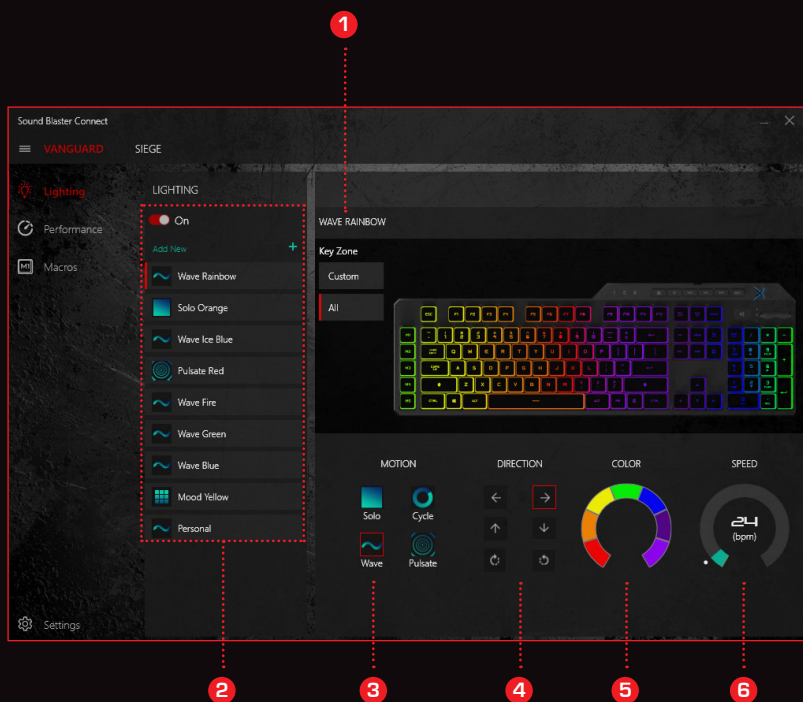
- Reassign individual keys
- Program macro keys to increase efficiency in games

#### 6 Settings

- Change language settings
- Modify SB Connect settings
- Check software and firmware status
- Restore default settings

## CUSTOMIZE YOUR LIGHTING

Choose or customize RGB lighting presets to match your mood and space.



1 Selected preset

2 Lighting Presets

Select a lighting preset. They have been specially tuned to match the equivalent audio presets.

3 Motion

Select a motion sequence for the lighting effect.

4 Direction

Select the direction of the light movement.

5 Color Scheme

Select your favorite color scheme to match your gaming space.

6 Light Speed

Slide to adjust the speed of light movement.

## OPTIMIZE PERFORMANCE

The Vanguard K08 can be tweaked and customized according to your games and gaming preference for precise control.



### 1 Repeat Delay

Move the slider clockwise to minimize the pause between pressing the key and when it starts repeating.

### 2 Repeat Rate

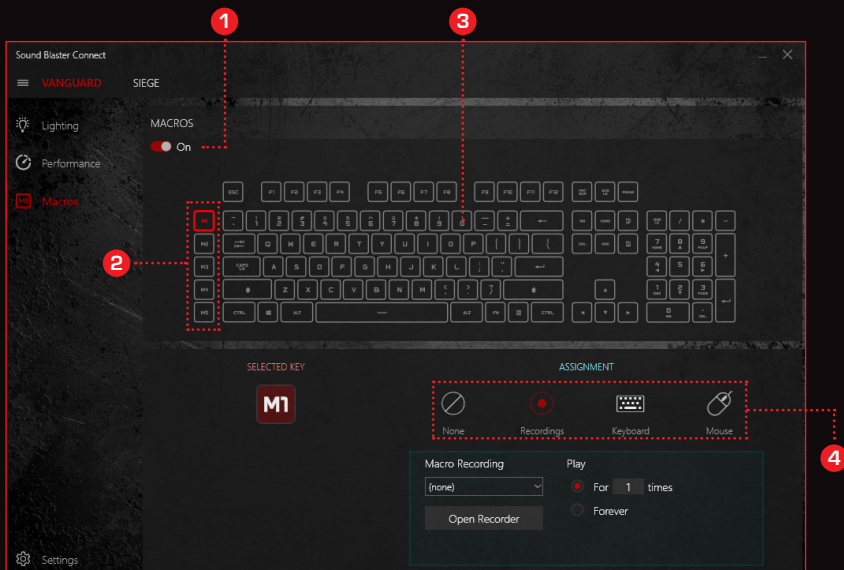
Move the slider clockwise to increase the speed at which a key repeats itself when being held down.

### 3 Polling Rate

Increase or decrease the rate your keyboard reports keystrokes to the computer. Choose from 125/sec (8ms response time) to 1000/sec (1ms response time).

## ASSIGNING KEYS

The buttons on the Siege M04 can be programmed with macros and customized according to your gaming preference for fast and efficient control.



### 1 MACROS

Enable/disable button macros

### 2 Macro Keys

Macro keys that can be programmed with certain action sequence

### 3 Standard Keys

Select any of the 104 standard keys

### 4 Assignment

Select the type of key assignment and customization

**None:** To use the key as it is with the default factory settings.

**Keyboard:** Bind the selected key to another keyboard key.

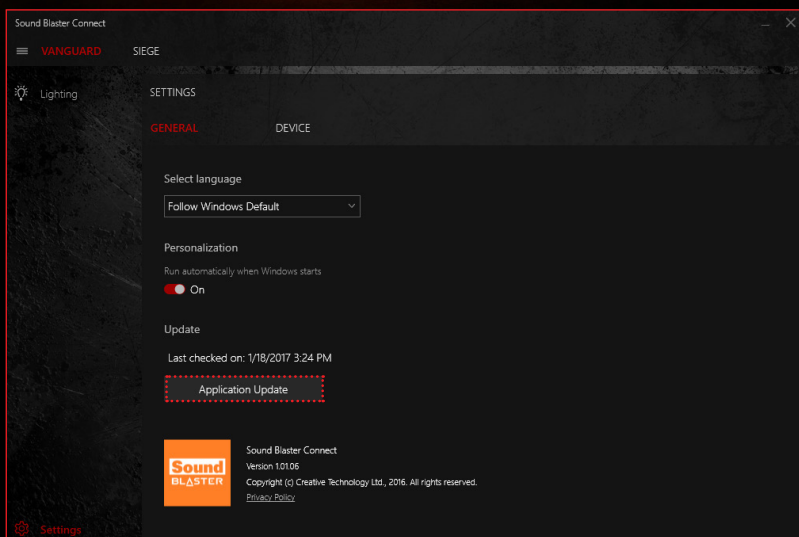
**Recordings:** Record a rule or pattern that specifies a certain input or action sequence to automate repetitive actions with a press of the selected key.

**Mouse:** Map the selected keyboard key to the function of a mouse button.

# COMING SOON

## IN THE NEXT SOFTWARE UPDATE

Locating, downloading and installing updates for your product is now simpler and faster with the in-app automatic software update system\*.



**Keep your software up-to-date for the best experience and latest enhancements.**

- ✓ Global lighting synchronization between Sound BlasterX products featuring the Aurora Reactive lighting system
- ✓ Music visualizer effects

\*Ensure that your system is connected to the Internet before you perform the check for updates.

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## **FIRST PERCEIVE... NOW REACT AND EXECUTE**

We've been here from the very beginning of PC gaming, and for three decades, Sound Blaster has broken boundaries with audio innovation and technologies.

Our audio products have always provided a competitive edge for gamers in perceiving what's going on around them in the game. But whether on the battlefield or race track, winning the game not only requires you to PERCEIVE precisely, but also to REACT quickly and EXECUTE actions effectively.

So, we asked ourselves, why stop at just audio?

Today, we give gamers powerful, precise control at their fingertips. New weapons designed just for gamers to give gamers the ultimate **P.R.E. (Perceive, React and Execute)** experience.



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