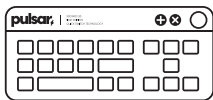# XBOARD **QS**

FIRST EDITION

pulsar

pulsar,

NEED ANY HELP?

Thanks for choosing Pulsar.
If you have any questions or comments,
If you need any help with your products,
please do not hesitate to contact us.

PACKAGE CONTENTS

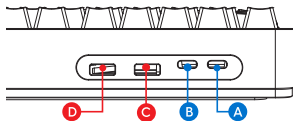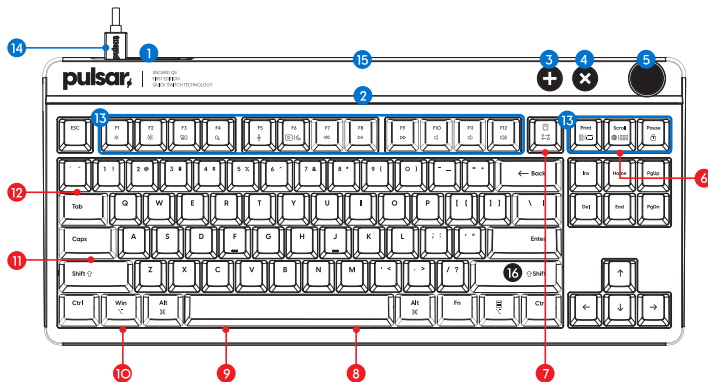|					
XBOARD QS Keyboard	USB A to C Cable x 2	Switch Remover	Key Remover	Switch x 5	Product Manual	Brand Sticker

■ CONNECTION

A USB TYPE-C **PC1 Connection**

B USB TYPE-C **PC2 Connection**

C USB TYPE-A Device Connection 1

D USB TYPE-A Device Connection 2
(for connecting devices like mice and other peripherals)

1 TYPE-C PC1, PC2 Connection Ports

2 RGB Light Strip

3 PC1 Quick Button

4 PC2 Quick Button

5 Volume Control Knob

6 Scroll Lock LED

7 Win/Mac Mode LED

8 PC2 LED

9 PC1 LED

10 Win Lock LED

11 Caps Lock LED

12 Macro Recording LED

13 Multimedia Keys

14 Detachable USB TYPE-C Cable

15 CNC Aluminum Body

16 Double Injection PBT Keycaps

▪ Special Key | Function Key
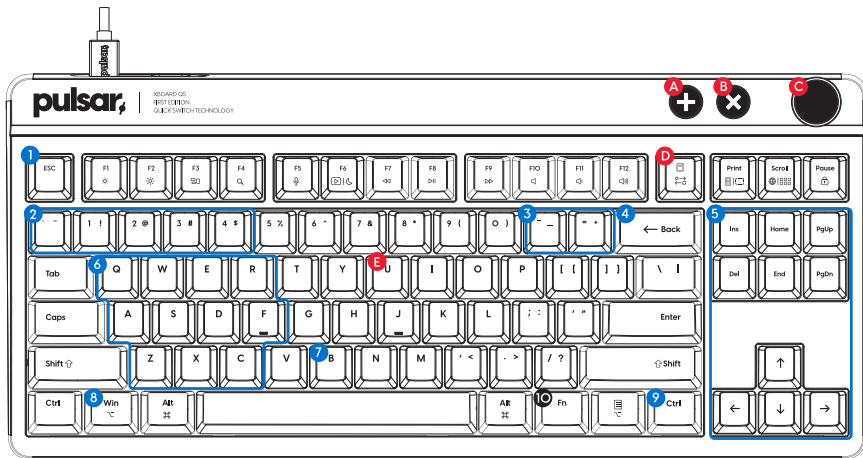
■ Special Key

A ➕ Pressing the PC1 Quick Button switches to the PC connected to the first USB-C port.

B ✖ Pressing the PC2 Quick Button switches to the PC connected to the second USB-C port.

C ⬤ Rotate the knob left or right to adjust volume. Clicking the knob mutes the audio (FN combination adjusts RGB backlight brightness).

D Win/Mac Mode Switch Key (Win-Blue, Mac-Red indicators are displayed below the spacebar)

E [U] Firmware Update Key (Detach both PC1 and PC2 cables, press [U] key, reattach PC1 cable while holding [U].
Reattach PC2 cable after completing the update).

■ FN Combination Keys

1 FN + ESC **[FN]+[ESC] Factory Reset** – Holding [FN]+[ESC] for 3 seconds initiates a factory reset when the red backlight flashes.

2 FN + ` 1 2 3 4 **Dynamic Macro** – Store and use macros on two keys.

3 FN + ` ` **N-Key Rollover** – Supports unlimited simultaneous key inputs (default in 6-key rollover mode).

4 FN + Back **RGB ON/OFF** – Toggle RGB lighting on or off.

5 FN + Ins Home PgUp Del End PgDn ← ↑ ↓ → **RGB Lighting** – Customize your experience with a selection of 44 RGB backlight effects.

6 FN + Q W E R A S D F Z X C **Mouse Function** – Use mouse functions with combination keys.

7 FN + B **LED Indicator** – Adjust the brightness of the LED indicators (Indicated in red in page 3)

8 FN + Win **Windows Lock Key** – Locks the Windows key.

9 FN + Ctrl **PC1, PC2 Switch Key** – Switch between PC1 and PC2 using the function key combination.

10 FN Function Key (Combination Keys)

● Window   ● Mac
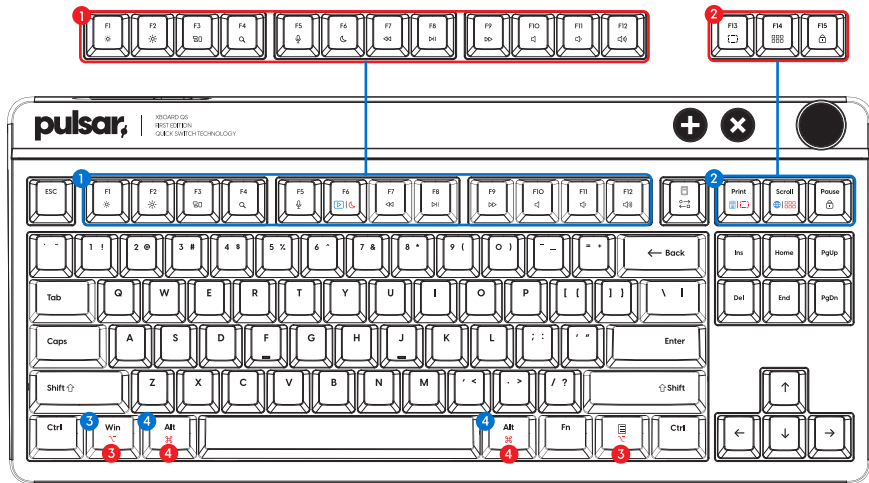
▪ Window Multimedia key

1	☼	Decrease Screen Brightness
	☀	Increase Screen Brightness
	⊟▢	Task View
	🔍	Search (File Search)
	🎤	Voice Dictation
	▶	Media Play
	◀◀	Previous Track
	▶ǁ	Media Play / Pause
	▶▶	Next Track
	🔇	Mute
	🔉	Volume Down
	🔊	Volume Up
2	🖩	Calculator
	🌐	Internet Browser
	🔒	Screen Lock
3	**Win**	Windows Key (FN+Win – Locks the Windows key)
4	**Alt**	Alt Key

▪ Mac Multimedia key

1	☼	Decrease Screen Brightness
	☀	Increase Screen Brightness
	⊟▢	Mission Control
	🔍	Spotlight Search
	🎤	Voice Dictation
	🌙	Do Not Disturb Mode
	◀◀	Previous Track
	▶ǁ	Media Play / Pause
	▶▶	Next Track
	🔇	Mute
	🔉	Volume Down
	🔊	Volume Up
2	⬚	Screen Capture
	▦	Launchpad
	🔒	Screen Lock
3	⌥	Option Key
4	⌘	Command Key

■ **Pulsar's unique technological prowess**

Quick Switch Technology is an innovative keyboard solution crafted with Pulsar's unique technological prowess. It is designed to create an efficient working and gaming environment by leveraging the accumulated technical expertise of Pulsar's research and development team. This groundbreaking keyboard solution enables seamless control of two PCs through keyboard switches, providing an innovative and efficient solution for both work and gaming environments.

■ **Effortlessly switch between two PCs connected to a single keyboard.**

What is Quick Switch? The XBOARD QS keyboard features a USB hub with TYPE-C ports connecting two PCs (PC1, PC2) and a TYPE-A port for device connectivity. The Quick Switch function allows simultaneous switching between the two PCs and the device connected to the TYPE-A port using the quick button. For instance, when a mouse is connected to the TYPE-A port, switching from PC1 to PC2 also transitions the mouse to function seamlessly with PC2. This feature enables the use of a single keyboard and mouse across two PCs, enhancing convenience and productivity.

➕ **Switch to PC1**

✖ **Switch to PC2**
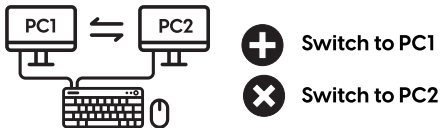
■ **Connecting to Two PCs**

① Connect the PC1 cable to the XBOARD QS keyboard's TYPE-C port 1.

② Connect the PC2 cable to the XBOARD QS keyboard's TYPE-C port 2.

③ Connect a mouse or other device (headset, microphone, storage device, etc.) to the XBOARD QS keyboard's TYPE-A port.

④ Press the Quick Switch button to freely switch between PC1 and PC2.

■ **Perfect support for Windows/Mac, quickly switch OS modes with a single key**

① XBOARD QS keyboard offers seamless support for both Windows and Mac environments.

② Effortlessly switch between Windows and Mac modes using the keyboard's OS mode switch key, ensuring a quick and stable transition in any environment.

③ Check the current OS status with the LED indicator colors below the spacebar and the Windows/Mac mode switch key.

④ **Window : BLUE LED, Mac : RED LED**

8 Dynamic Macro

■ **Dynamic Macro**

You can store up to two Dynamic Macros, with a maximum combined length of 64 characters. The Dynamic Macro feature enables quick creation and use of macros; however, it does not support continuous saving. For persistent use and storage, it is recommended to utilize the VIA software.

Please be aware that stored macros will be reset if the keyboard is powered off.

Macro 1   Macro 2

FN + ` ~ 1 2 3 4

Macro LED   Macro Recording   Macro Play
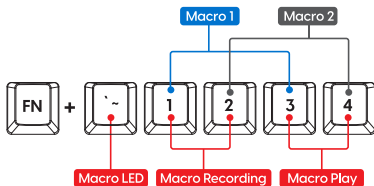
① Press [FN] + [1] to activate macro input.

② The white LED on the [~] key will blink during this process.

③ Enter the desired key sequence, then press [FN] + [~] to complete the input.

④ Press [FN] + [3] to execute the macro saved in slot 1.

⑤ Similarly, input the desired key sequence for [FN] + [2], and press [FN] + [4] to execute the stored macro using the same method.

9 | N-key Rollover

■ N-key Rollover

The keyboard is initially set in the default 6-key rollover mode. Pressing the N-Key Rollover configuration key activates the infinite simultaneous input mode, allowing you to set and use various combination keys for gaming. For example, if you press 10 keys at once with the mode set to 6-key, it will only register 6 keys, but if you set it to infinite input, it will register every key.

| FN | + | − _ | | = + |

| FN + − _ | N-key rollover OFF |
| FN + = + | N-key rollover ON |
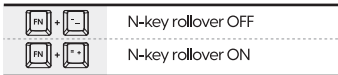
*Please note that the N-Key Rollover function will revert to the default 6-key mode when the keyboard is powered off.

10 | Mouse Feature Description

■ Control Mouse Functions Directly from the Keyboard:

You can control mouse functions directly from the keyboard using the following key combinations:

FN + W	Move Mouse Cursor Up
FN + A	Move Mouse Cursor Left
FN + S	Move Mouse Cursor Down
FN + D	Move Mouse Cursor Right
FN + R	Scroll Up with Mouse Wheel
FN + F	Scroll Down with Mouse Wheel

FN + Q	Mouse Left Click
FN + E	Mouse Right Click
FN + Z	Mouse Backward Click
FN + X	Mouse Wheel button Click
FN + C	Mouse Forward Click

■ **Customize RGB Light Functions:**

Not only can you configure the functions and colors of the RGB lights, but you can also choose from 45 dazzling RGB pattern effects. Use the following key combinations:

FN + PgUp	Previous RGB Pattern Effect
FN + PgDn	Next RGB Pattern Effect
FN + Ins	Increase RGB Light Saturation
FN + Del	Decrease RGB Light Saturation
FN + Home	Previous RGB Light Color
FN + End	Next RGB Light Color

FN + ← Back	Turn RGB Light On/Off
FN + ↑	Increase RGB Light Brightness
FN + ↓	Decrease RGB Light Brightness
FN + ←	Decrease RGB Effect Speed
FN + →	Increase RGB Effect Speed
FN + ●	Adjust RGB Light Brightness

RGB Light Setting
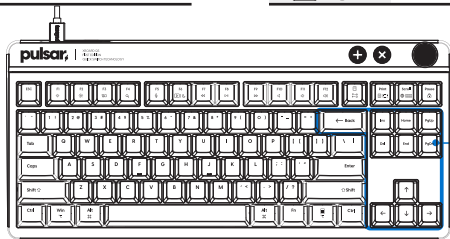
■ **Note:**

When the RGB lights are turned off, the LED indicators will also be simultaneously turned off. For optimal use of the indicators, it is recommended to use RGB light brightness adjustment instead of turning the RGB lights off.

pulsar, XBOARD QS

LED indicators

The LED indicators are located under the keys (*LED indicators may overlap with RGB light effects).

1 Windows/Mac Mode Indicator: Windows - Blue / Mac - Red

2 Scroll Lock White Indicator

3 PC2 LED Indicator: Windows - Blue / Mac - Red

4 PC1 LED Indicator: Windows - Blue / Mac - Red

5 Windows Key Lock White Indicator

6 Caps Lock White Indicator

7 Dynamic Macro White Indicator

8 FN + B FN + B: Adjustment of the LED Brightness in 5 Levels
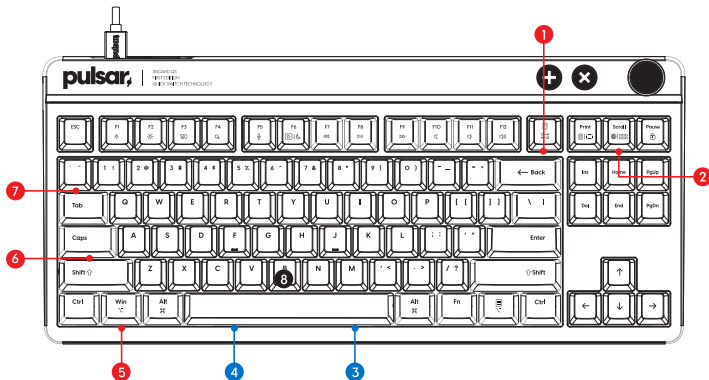
13 · VIA / QMK / REMAP

■ **Supports keyboard remapping and macro functions through external software such as VIA, QMK, and REMAP.**

For customization, the keyboard supports remapping and macro functions through VIA / QMK / REMAP.
VIA: Download from caniusevia.com / REMAP: Connect the XBOARD QS and use the software available at remap-keys.app.
*Note: The keyboard does not support running two settings programs simultaneously. Please set up and use one program at a time.
The QMK functionality requires the QMK Toolbox.
Disconnect both PC1 and PC2 cables, then, while pressing the [U] key, connect the keyboard to the PC running QMK Toolbox using the PC1 port.
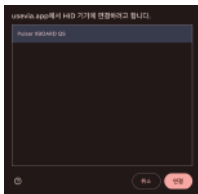
14 · Firmware Update

■ **The XBOARD QS supports continuous firmware updates.**

After disconnecting both PC1 and PC2 cables, reattach the PC1 cable while holding down the [U] key.
Only reconnect the PC2 cable after completing all updates.   *Please perform a factory reset after completing the firmware update.

■ **Troubleshooting**

To address issues with your keyboard, please first check for the following indications. If troubleshooting does not resolve the problem, refrain from disassembling or attempting repairs independently, and kindly contact customer support.

When the connected keyboard is not functioning 1	Confirm the current connected PC mode if the keyboard is not functioning. (PC1 or PC2)
When the connected keyboard is not functioning 2	Verify that the cable connection is secure if the keyboard is not responsive. (PC1 or PC2)
If the LED is not lit or not functioning:	Verify the current connected PC mode. (PC1 or PC2)
If functions like the Windows lock key are not working:	Confirm if the current mode is Win/Mac mode.
If USB devices are not recognized:	Thoroughly inspect and reattach the TYPE-A connector.

16

Caution

■ **Compliance with regulations, safety precautions**

This product features Pulsar's unique design with an open bottom frame, so please be cautious of external dust or contact with foreign substances. Avoid leaving the product on a damp surface, as it may cause damage to the product.

Before using the product, read the manual and adhere to safety precautions.

1.Use only the designated genuine cable.

2.Avoid placing the product near open flames, and refrain from spilling liquids or any foreign substances.

3.Do not engage in activities that may cause damage to the product, such as disassembling, reassembling, or applying excessive pressure.

4.Refrain from subjecting the product to external shocks, including dropping it from elevated surfaces.

5.To prevent corrosion, maintain the product in a dry state and avoid exposure to moisture.

■ Specification

*Details may be changed without further notice depending on the manufacturer's circumstances.

Model	XBOARD QS
Layout	88-Key Tenkeyless (Includes Additional Mac 7-Key Keycap Set)
Switch type	Kailh switch / Hotswap
Frame	CNC Aluminum
Special Key	2 Buttons + Volume Knob + Win/Mac OS Mode Switching Key
Interface	USB TYPE-C 2.0 x 2 port / USB Type-A 2.0 2 port
Input Power:	DC 5V / 500mA
Supported Web app	VIA / REMAP / Signal RGB
Anti-Ghosting Key	100%
RGB Lighting Effects	44 RGB pattern effects, Light ON/OFF / Color Change / Brightness Adjustment / Saturation Adjustment / Speed Adjustment
Keycaps	PBT Double Shot Injection Keycaps
OS Compatibility	Windows 7 and above, Mac OS C v10.11 and above
Size	360 x 163 x 35mm / 1480g
Manufacturer/Country of Origin	AplusX Co, Ltd / China
Warranty	2years
KC Certification Number	R-R-APx-PWKXBQSO1