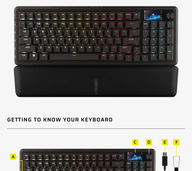
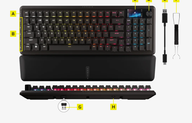
VANGUARD 96 WIRELESS

MECHANICAL GAMING KEYBOARD



GETTING TO KNOW YOUR KEYBOARD



A. GAME MODE BUTTON
B. D-PATH
C. COLOR LED SCREEN
D. ROTARY DIAL
E. DETACHABLE BRAIDED TYPE-C TO TYPE-A CABLE
F. 2.4G HYPERFLEX SWITCH PLAYER
G. DONGLE
H. CONNECTION SWITCH

TECHNICAL SPECIFICATIONS

FEATURE	DESCRIPTION
Form Factor	96%
Top Cover	Aluminum plate
LCD Screen	1.9" 320x170 IPS
Bottom	Plastic
Sound Absorbing Foam	PORON
Case Foam	Silicone
Plate Mod	Magnetic customized palm rest
Cabinet Mod	Black
Keycaps	PBT Double shot SIM, SP, E3 layout & ABS Paint
Backlighting	individually LED RGB per key programmable
LED Color	RGB
Keyswitches	CORSAIR MLX Plasma mechanical pre-lubricated key switches
Connectivity	2.4 Ghz Bluetooth 5.0 , BT / Wired
Matrix	Full key rollover (NKRO) with 100% anti-phishing
USB Report Rate	Up to 8,000Hz hyper-polling with CORSAIR AXON
On Board Profiles	440 profiles on Web hub (max 5 profiles)
Media Control	FN Shortcuts / Rotary dial
Game Mode	Hotkey/ *1
Brightness Control	FN shortcuts / Rotary dial
Adjustable Height	Yes
Plug and Play Operation	Yes
Console Compatibility	Xbox One, Xbox Series X|S, PlayStation 4, 5
Cable	1.8 m / 6 ft Detachable braided Type-C to Type-A cable
Dimensions	380(L) x 141(W) x 42(H) mm
Weight	1.60 kg
Warranty	Two years - Local country regulations are applicable

AXON SLIPSTREAM

AXON HYPER-PROCESSING TECHNOLOGY

CORSAIR AXON delivers a powerful and responsive keyboard experience with:

- Hyper-fast keystroke detection and processing
- Up to 8,000Hz hyper-polling (adjustable in Web hub device settings)
- Up to 5-layer onboard lighting effects (programmable in Web hub per profile)

SETTING UP YOUR KEYBOARD

Connecting the keyboard via wired or wireless mode on a compatible device including:

Windows PC*	Apple Mac*	Microsoft Xbox One* / Microsoft Xbox Series X|S*	Sony PlayStation 4** / Sony PlayStation 5**

*Keyboard is compatible out of the box, see corsair.com/xbox-support for details.
**See Connecting to Sony PlayStation section.

CONNECTING TO SONY PLAYSTATION

The keyboard also has a special mode to support Sony PlayStation 4 and 5 that can be activated via shortcut.

SHORTCUT	FUNCTION	INDICATION
Fn + Insert for 5 sec	Switch to PlayStation mode	Blinks white 3 times over 5 seconds
Fn + Insert for 5 sec	Switch back to standard mode	Breathe white 3 times

NOTE: Available functions may be limited depending on gaming console support and application.

OPERATING MODES

The keyboard features two operating modes:

- **Hardware Mode** – When CORSAIR WEB HUB is not running or the keyboard is connected to a device that does not support CORSAIR WEB HUB, the keyboard operates in hardware mode with only factory default profiles and settings saved to the onboard storage
- **Web based Mode** – Go to CORSAIR WEB HUB to 1)Map Keyboard Layout/Keys, Plus the keyboard operates in Web based mode, using profiles and settings saved to onboard storage.

FUNCTION	HARDWARE MODE	WEB BASED MODE
Storage & Profiles	8MB for up 3 profiles	24MB for up 5 profiles
Create New Profiles	N/A	YES
Create Lighting Effects	N/A	YES
Create Key assignments	YES	YES
Maximum Lighting Layers	N/A	5

*Please ensure your fw is v.01.09, v1.0007 or later and under SOOAB in the app

CORSAIR AXON

HARDWARE OVERVIEW

FN SHORTCUTS LIGHTING INDICATOR

When pressing the FN key, all lighting will momentarily turn OFF, excluding keys that have secondary functions and macros assigned to them. These keys will have backlighting turned ON.

- The default color will be WHITE
- Users can customize the color indication in CORSAIR WEB HUB

Color indication for profile currently in use will take priority over FN Shortcuts lighting.

GAME MODE BUTTON (A) FUNCTION

Enter competition optimized setting on one click on Game Mode Button.

REMEMBER: Turn on Game Mode BEFORE gameplay, to avoid 1 sec of alt-tiny.

MODE	FUNCTIONS	REMARK
Default Mode (Game Mode OFF)	Game mode off: • Default polling rate (1000Hz) • Win Lock off • Hold lighting	Factory default
Game Mode On	Game mode on: • Polling rate: 1000Hz by default, and can be adjusted in Web hub to the maximum 8000Hz • Win Lock on • 1 sec red-ripple effects* (ripple lighting centered from game mode button), then go to game mode lighting	Can be customized in Web Hub

*Please ensure your fw is v.01.09, v1.0007 or later and under SOOAB in the app

ELGATO STREAM DECK

When Elgato software is installed and launched on your computer, it will automatically connect to the keyboard and launch KISS enabling the Fn & keys and the Elgato keys associated with their corresponding profile, in addition to the default functions.

If the device is not automatically, you can select your device from the drop down menu in the upper left corner.

Navigate to the following link to download the software to manage the integrated Stream Deck:
https://www.elgato.com/us/en/s/welcome

VIRTUAL STREAM DECK BUTTON (1)

STANDARD SHORTCUTS

All Esdone functions assume FN key is being held and action is activated upon press unless otherwise noted.
Default function shortcut, with pointed icons.

SHORTCUT	FUNCTION	DESCRIPTION
FN + F1	Recall Lock	Press to release & toggle Scroll Lock on and off
FN + F2	Profile	Hold mode: Cycle through ordered profiles Hit mode: cycle through LCD profiles
FN + F3	Decrease Brightness	Press to cycle through brightness levels (decreasing)
FN + F4	Drop Tools	Press to cycle through brightness levels (increasing)
FN + F5	Copy Tools	Opens currently playing media
FN + F6	Last Previous Track	Skips back to last played track in playlist
FN + F7	Play / Pause	Toggles playing and pausing media
FN + F8	Next Track	Skips forward to next track in playlist
FN + F12	Stat Mode	Cycle stat modes
FN + F9	Enter Macro Recording Mode	Enter macro recording mode
FN + Enter	Screen Action	Selection action in the widget
FN + Left	Screen Left	Switch to widgets on screen widget
FN + Right	Screen Right	Switch to widgets and widget
FN + Win	Win Lock	Toggles Win Lock on and off
FN + Win for 5 sec	FN Mode	Enter / exit FN mode
FN + Ctrl+R	Flash Fap	Enable / disable FlashTap
FN + Ctrl	Volume Mute	Mute the system
FN + F10	Volume Down	Volume down
FN + F11	Volume Up	Volume up
FN + P	Pause	Pause
FN + Z (numpad)	Home	Home
FN + X (numpad)	End	End
FN + B (numpad)	PgUp	Page up
FN + N (numpad)	PgDn	Page down
FN + C (numpad)	Insert	Insert
FN + V(pad) Key	Capital Key	Activate Capital or Windows
FN + . (numpad)	BT1	Switch to BT device 1 (hold keys for 2 seconds to write pairing mode)
FN + , (numpad)	BT2	Switch to BT device 2 (hold keys for 2 seconds to write pairing mode)
FN + Enter (numpad)	BT3	Switch to BT device 3 (hold keys for 2 seconds to write pairing mode)
FN + Del	NP Pairing	Press FN + Delete for 3 seconds to enable pairing mode

MACRO RECORDING / CLEARING NOTES

- Enter macro recording mode(FN + Wkey or Fnmacro dial or MR mode (indication: Indicator breathes red)
- Press any series of standard keys to begin recording
- Stop recording: press Fn + Wkey or Fnmacro dial (indication: Indicator blinks red)

LIGHTING SHORTCUTS

SHORTCUT	LIGHTING EFFECT
FN + ;	Current HW Profile Lighting
FN + '	Harvest
FN + Z	Waterslide
FN + X	Spell Rainbow
FN + C	Rainbow Wave
FN + S	Type Lighting Key (random color)
FN + A	Type Lighting Blade (random color)
FN + 7	Color Shift (random color order)
FN + 8	Color Pulse (random color order)
FN + 9	Color Wave (random color order)
FN + 0	Static Color
FN + -	Reduce Effect Speed
FN + +	Increase Effect Speed
FN + [	Reduce Effect Left
FN +]	Reduce Effect Right

FACTORY RESET

Hold ESC key for two seconds while device is plugged in to erase onboard memory profiles and restore factory default settings.

PLAYSTATION MODE

1. By holding Fn + Windows key for 5 seconds, FW will change to PlayStation mode from standard mode
2. To go back to standard mode from PlayStation mode, hold Fn + Windows key for 5 seconds.
3. When entering PlayStation mode, Windows key indicator blinks white 3 times over 5 seconds when switching mode
4. When exiting PlayStation mode from PlayStation mode, Windows key indicator breathes white 3 times over 2 seconds

In PlayStation mode, the keyboard is limited to:

- 10 keys + 2 modifier keys (RCtrl, LAlt, LShift, Windows, WNG)
- Media Keys

The actual polling rate may differ from the setting, due to PS USB interface limitations.

BIOS MODE

1. By holding B and S keys while plugging in power via USB, FW will change to BIOS mode
2. To go back from BIOS mode to standard mode, hold ESC key while plugging in power via USB (this will clear EEPROM, but Jiao test will perform factory reset)

In BIOS mode, the output is limited to:

- 6 keys + 3 modifier keys (RCtrl, LAlt, LShift, Windows, WNG)
- Arrow keys (Up, Left, Right, Down)
- No matrix key scan

BATTERY REMOVAL INFORMATION

This product uses a rechargeable battery and safety guidelines must be followed in the event that the product is disabled for disposal and recycling. By cutting tension the battery for disposal and recycling, follow the mentioned steps with the better diagrams.

1. Remove 21 key caps (ESC,F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,Del,T6_L,T6W,Spacebar,T7R_R+L+L+ENT)
2. Remove 10 screws
3. Remove top cover module
4. Remove PCB module
5. Remove pelicon
6. Remove battery

CORSAIR MEMORY, Inc. encourages customers to recycle used electronic hardware and rechargeable batteries in accordance with local laws and regulations.

BATTERY INFORMATION

- MFN 型號: 3A1A1962
- Capacity / 電容量: 3.7V, 4,000mAh, 15.5Wh
- Scan QR code for battery details

Regional
MFN 型號: 3SUR0172
Battery 電容量: 3V-11.1A
Battery 型號: 3SUR0172
MFN 型號: 3SUR0172
Battery 電容量: 3V-11.1A

FCC ID: 2AAFM-3SUR0172 (Regional)
FCC ID: 2AAFM-3SUR0172 (Design)
IC: 10703A-3SUR0172 (Regional)
IC: 10703A-3SUR0172 (Design)

2.5-7.5 W

The power delivered by the charger must be between min 2.5 Watts required by the audio equipment, and max 7.5 Watts

in order to achieve the maximum charging speed.

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R-R-CSI-RGP0173
R-R-CSI-RGP0177