

GETTING TO KNOW YOUR KEYBOARD



- A. ROTARY DIAL
- B. COLOR LCD SCREEN
- C. WIRELESS ADAPTER
- D. USB TYPE-C TO A ADAPTER
- E. USB TYPE-C TO TYPE-A CABLE
- F. WIN MAC MODE SWITCH
- G. USB TYPE-C PORT
- H. 3-WAY MODE SWITCH
- I. STREAM DECK STUDIO CONTROL ICON KEYCAP SET
- J. MAC KEYCAP SET

Technical Specifications

FEATURE	DESCRIPTION
Form Factor	Compact full-size
Top cover	Aluminium plate
Bottom	Plastic
Mounting Style	Gasket mount
Sound absorbing foam (Top to Bottom)	5 layers 1. PU Plate Foam 2. Top switch Foam (IXPE) 3. Bottom Switch Foam (TPU) 4. Socket Foam (EPDM) 5. PET Foam (PET)
Colorway	Black White
Screen	1.9 inch IPS full color LCD Screen
Keycaps (NA layout & UK)	PBT Double shot
Keycaps (Other layout)	ABS Single shot
Backlighting	Individually LED lit and per-key programmable
LED Color	RGB
Keyswitches	CORSAIR OPX Low Profile keyswitches, 45g actuation force, 1.5mm actuation point, 2.5mm total travel, guaranteed for 80 million keystrokes
Connectivity	2.4GHz/BT/1 x USB 3.0 Type-A
Battery Life	• 2.4G Mode, 20% LCD/KB LED brightness: Up to xx hrs • 2.4G Mode, 20% LCD brightness, KB LED backlight Off: Up to xx hrs • BT Mode, 20% LCD/KB LED brightness: Up to xx hrs • BT Mode , 20% LCD brightness, KB LED backlight Off : Up to xx hrs • After a 30-minute charge: Up to xx hrs
Battery Type & Chemistry	Rechargeable Polymer Lithium-ion battery
Battery Charging	Fully charged around xx hours
Battery Configuration	1S1P
Number of batteries	1
Cells per battery	1
Battery Model#	3652160-PSE

Battery Capacity	4200mAh
Battery Weight	69.4g
Battery Voltage	3.7V
Battery Watt Hours	15.54Wh
Lithium Content	n/a
Battery Dimensions	163.0(L) x 52.3(W) x 3.8(H) mm
Battery Dimensions (with cable)	163.0(L) x 127.2(W) x 3.8(H) mm
Hazmat UN#	n/a
Matrix	Full key rollover (NKRO) with 100% anti-ghosting
USB Report Rate	Wired: AXON 8,000Hz Wireless: True 8,000Hz
On-Board Profiles	5 (1 On-board, 4 on Web Hub)
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, USB Type-C to Type-A, detachable, black, tangle-free rubber
Dimensions	425.63 (L) x 137.63 (W) x 26.27(H) mm
Weight	915g
Warranty	Two years – Local country regulations are applicable

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 CORSAIR WEB HUB device settings)

SETTING UP YOUR KEYBOARD

Connecting the keyboard via USB cable to an available USB 3.0 Type-A port or better on a compatible device including:

Windows® PC	Apple Mac®	Microsoft Xbox One* Microsoft Xbox Series X S*	Sony PlayStation 4** Sony PlayStation 5**
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*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+  (Hold for 5 seconds)	Switch to PlayStation mode	 Blinks white 5 times over 5 seconds
FN+  (Hold for 5 seconds)	Switch back to standard mode	 Pulses white 2 times

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

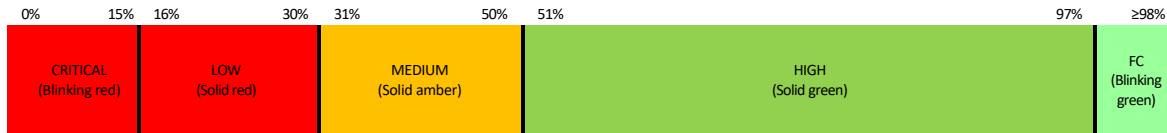
CONNECTING VIA WIRELESS MODE

When the USB cable is plugged in, the device automatically switches to USB mode.

When the USB cable is unplugged, switch the 3-way mode to BT or 2.4GHz to enable wireless mode.

MODE	SHORTCUT	FUNCTION	INDICATION KEY	LCD SCREEN
Wired	N/A	Automatically switches to USB mode when the cable is plugged in.	N/A	Visualized icon
SLIPSTREAM Wireless	FN + Del	Hold the shortcuts for 2 seconds to enable 2.4GHz mode pairing	Del key: Plays 3 seconds solid white for connected	Visualized icon: Always be on (white) as long as in 2.4GHz mode if connected
Bluetooth 1	FN + Home	Hold Bluetooth shortcuts for 2 seconds to begin pairing Press Bluetooth shortcuts to switch to Bluetooth last used mode (1/2/3) In Bluetooth mode, Press Bluetooth button to switch to next mode 1 → 2 → 3 → 1	Home key: - Plays 3 seconds solid blue for connected - Constantly breathe (pulse) for disconnected - Rapidly blinking blue (2 seconds) for pairing.	Visualized icon: Always be on (blue) as long as in BLE mode if connected
Bluetooth 2	FN + PgUp		PgUp key: - Plays 3 seconds solid blue for connected - Constantly breathe (pulse) for disconnected - Rapidly blinking blue (2 seconds) for pairing.	
Bluetooth 3	FN + PgDN		PgDN key: - Plays 3 seconds solid blue for connected - Constantly breathe (pulse) for disconnected - Rapidly blinking blue (2 seconds) for pairing.	

Charging & Battery Life



Note:

1. Turn off device automatically when battery level is below 5%
2. **Battery indicator on LCD Screen** only shows 3 seconds and will turn off after each event (status change)
3. **Battery indicator on LCD Screen** will breathe battery status while charging (but will show correspondent indication while enabling other functions), and goes off when charging completes
4. **Battery indicator on LCD Screen** blinks red constantly when battery level reaches critical level, critical status should have the highest priority, and override everything

Operating Modes

The keyboard features two operating modes:

1. **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 which uses profiles and settings saved to the onboard storage.
2. **Web-based mode** – Go to CORSAIR Web Hub link <http://corsair.com/web-hub>, 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 5 profiles	Unlimited
Create New Profiles	N/A	CORSAIR Web Hub
Create Lighting Effects	N/A	CORSAIR Web Hub
Create Key assignments	N/A	CORSAIR Web Hub
Maximum Lighting Layers	20	Unlimited

Hardware Overview

FN SHORTCUTS LIGHTING INDICATOR

When pressing FN key, all lighting will momentarily turn OFF except for keys that have secondary functions and macros assigned to them 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 Function

Enter competition-optimized setting via one click on Game Mode key

	Functions	Remark
Default mode (Game Mode off)	Game mode off: • Default polling rate (1000Hz) • Default scan rate (1000Hz) • Winlock off • Revert to playing current lighting playback	Factory default
Game Mode on	Game mode on: • USB Polling rate: 1000Hz by default, and can be adjusted in CORSAIR Web Hub to the maximum 8000Hz • Scan rate 4000Hz • Winlock on • Power saving mode: Off • 1 sec red ripple effects*: When enter Game Mode, red ripple lighting centers from game mode button, then go to static red lighting • 1 sec white ripple effects*: When exit Game Mode, white ripple lighting centers from game mode button, and revert to RGB lighting	Can be customizable in CORSAIR Web Hub

	• Users can turn off static color lighting and apply lighting effects from Lighting Effects tab • Game Mode Indication color: Red, and can be adjusted in CORSAIR Web Hub * Ripple effect lighting color for game mode-on and off-can not be adjusted in CORSAIR Web Hub but Ripple effect lighting effect can be turned off in CORSAIR Web Hub	
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STREAM DECK Launch Function

Pressing this Elgato key will launch Stream Deck, allowing access to additional functions through the Stream Deck software.

Rotary Dial Function

MODE	SHORTCUT	FUNCTION	INDICATION KEY
Volume Control (Default)	FN+ NUM/	• Clockwise: Volume up 2% • Press: Mute/unmute • Counterclockwise: Volume down 2%	NUM/ Solid White
Scroll Control (Vertical)	FN+ NUM*	• Clockwise: Scroll down • Counterclockwise: Scroll up • Press: End of page	NUM* Solid Green
Scroll Control (Horizontal)	FN+ NUM*	• Clockwise: Scroll right • Counterclockwise: Scroll left • Press: End of page	NUM* Solid Yellow
Backlight Control	FN+ NUM	• Clockwise: Brightness up 20% • Counterclockwise: Brightness down 20% • Press: Turn On (100%) / Off (0%)	NUM Solid Red
Zoom Control	FN+ NUM-	• Clockwise: Zoom in • Counterclockwise: Zoom out • Press: Restore to default zoom action	NUM- Solid Blue
Macro Recording	FN+ M	Begin macro recording, and treat the dial press as the other regular switch	M Solid Amber

3-Way Mode Switch Function

Function	Remarks
- On - 2.4GHz - Off - On - BLE	- On – 2.4GHz & BT: The keyboard stays in wireless mode when the 3-way switch is set to BT or 2.4GHz, with no USB cable connected. - Off: Wired mode when the USB cable is connected.

Standard Shortcuts

All below functions assume FN key is being held and action is activated upon press unless otherwise noted.

Default function shortcut, with printed icons (can only be customized under Corsair Web Hub)

FN+F1-F12, FN+ [{, FN+ /?, FN+ O, FN+ .>, FN+ P only work in Windows mode, while others also work on MacOS

Shortcut	Function	Description	Indication	Screen Display	Remarks
FN + F1	Brightness down	Reduce the screen's brightness	N/A	Icon: visualized icon Text: Brightness down	Cycle through brightness levels in descending order with the latest OS definition".
FN + F2	Brightness up	Increase the screen's brightness	N/A	Icon: visualized icon Text: Brightness up	
FN + F3	Task view	Toggle task view for Windows	N/A	Icon: visualized icon Text: Task view	
FN + F4	Search	Search for something in PC mode	N/A	Icon: visualized icon Text: Search	
FN + F5	Mic Mute/Unmute	Mute or Unmute your Mic		Icon: visualized icon Text: Mute / Unmute Mic	
FN + F6	Sleep	KB enters sleep mode		Icon: visualized icon Text: Sleep	

FN + F7	Last	Last track command	N/A	Icon: visualized icon Text: Last track	
FN + F8	PP	Pause/play command	N/A	Icon: visualized icon Text: Play/pause	
FN + F9	Next	Next track command	N/A	Icon: visualized icon Text: Next track	
FN + F10	Mute	Mute/Unmute	N/A	Icon: visualized icon Text: Mute	
FN + F11	Volume Down	Volume Down	N/A	Icon: visualized icon Text: Volume Down	Decreases volume by 2% intervals down to 0
FN + F12	Volume Up	Volume Up	N/A	Icon: visualized icon Text: Volume Up	Increases volume by 2% intervals up to 100
FN+[{	INS	Insert key	N/A	N/A	Can not work in Mac
FN+Z	Profile	Cycle onboard 5profiles *Will be cycling through iCUE profile while iCUE is running	Z key	Indication (Refer to indication bar requirement section)	
FN+/?	PRTSC	Print screen key	N/A	N/A	Can not work in Mac
FN+ O	SCRLK	Toggles Scroll Lock on and off	N/A	Icon: visualized icon Text: Scroll Lock [On / Off]	Can not work in Mac
FN+ .>	APP	Open menu	N/A	N/A	Can not work in Mac
FN+P	Pause	Pause	N/A	N/A	Can not work in Mac
FN+L	Winlock	Winlock	N/A	Icon: visualized icon Text: Win Lock [On / Off]	System lock in Mac
FN + Right SHIFT	FlashTap (SOCD)	Activate FlashTap	SOCD enabled keys	Icon: visualized icon Text: FlashTap [On / Off]	Please refer to Parker FSRD for more details FSRD Brief, PARKER (SOCD) v7.0 10142024.docx
Fn + Left/Right	Screen controls	Switch between widgets	N/A	N/A	
Fn + Enter		Selection	N/A	N/A	

Mac Function definition

These are the Function keys supported by Mac OS when Mac mode is turned on.

Key	Function	Screen Display	Remarks / Alt
F1	Reduce the screen's brightness	Icon: visualized icon Text: Brightness down	Cycle through brightness levels in descending order with the latest OS definition".
F2	Increase the screen's brightness	Icon: visualized icon Text: Brightness up	
F3	Press  to view what's running on your iMac, including all your spaces and open windows.	Icon: visualized icon Text: Mission Control	
F4	Press  to open Spotlight and search for something on your iMac.	Icon: visualized icon Text: Search	
F5	Press  to activate dictation—you can dictate text wherever you can type (for example, in Messages, Mail, Pages, and other apps). Press and hold  to activate Siri, then immediately speak your request.	Icon: visualized icon Text: Dictation	
F6	Press  to turn Do Not Disturb on or off. When Do Not Disturb is on, you won't see or hear notifications on iMac, but you can view them in Notification Center.	Icon: visualized icon Text: Do not disturb	
F7	Last track command	Icon: visualized icon Text: Last track	
F8	Pause/play command	Icon: visualized icon Text: Play/pause	
F9	Next track command	Icon: visualized icon Text: Next track	
F10	Mute	Icon: visualized icon Text: Mute	
F11	Volume Down	Icon: visualized icon Text: Volume Down	
F12	Volume Up	Icon: visualized icon Text: Volume Up	
Win	Option key in Mac OS	Icon: visualized icon Text: Option	
ALT	Command key in Mac OS	N/A	Both left Alt and right Alt

ONBOARD LIGHTING

SHORTCUT	LIGHTING EFFECT	REMARKS
FN + `	Current HW profile lighting	Can be customized under iCUE
FN + 1	Water Color	
FN + 2	Spiral Rainbow	
FN + 3	Rain	
FN + 4	Rainbow Wave	
FN + 5	Type Lighting Key (random color)	
FN + 6	Type Lighting Ripple (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	Press to cycle though in order: red, green, blue, yellow, capri, purple, amber, white
FN + -	Reduce Effect Speed	
FN + =	Increase Effect Speed	
FN + [	Rotate Effect Left	
FN +]	Rotate Effect Right	

Warranty Year

2 years

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