

GALLEON 100 SD

STREAM DECK-INTEGRATED MECHANICAL KEYBOARD



GETTING TO KNOW YOUR KEYBOARD



- A. RGB MOOD BAR
- B. DYNAMIC LCD SCREEN
- C. TYPE A TO TYPE C CABLES x 2
- D. 2 IN 1 KEYCAP & SWITCH PULLER
- E. MAGNETIC CUSHIONED PALM REST

SETTING UP YOUR KEYBOARD

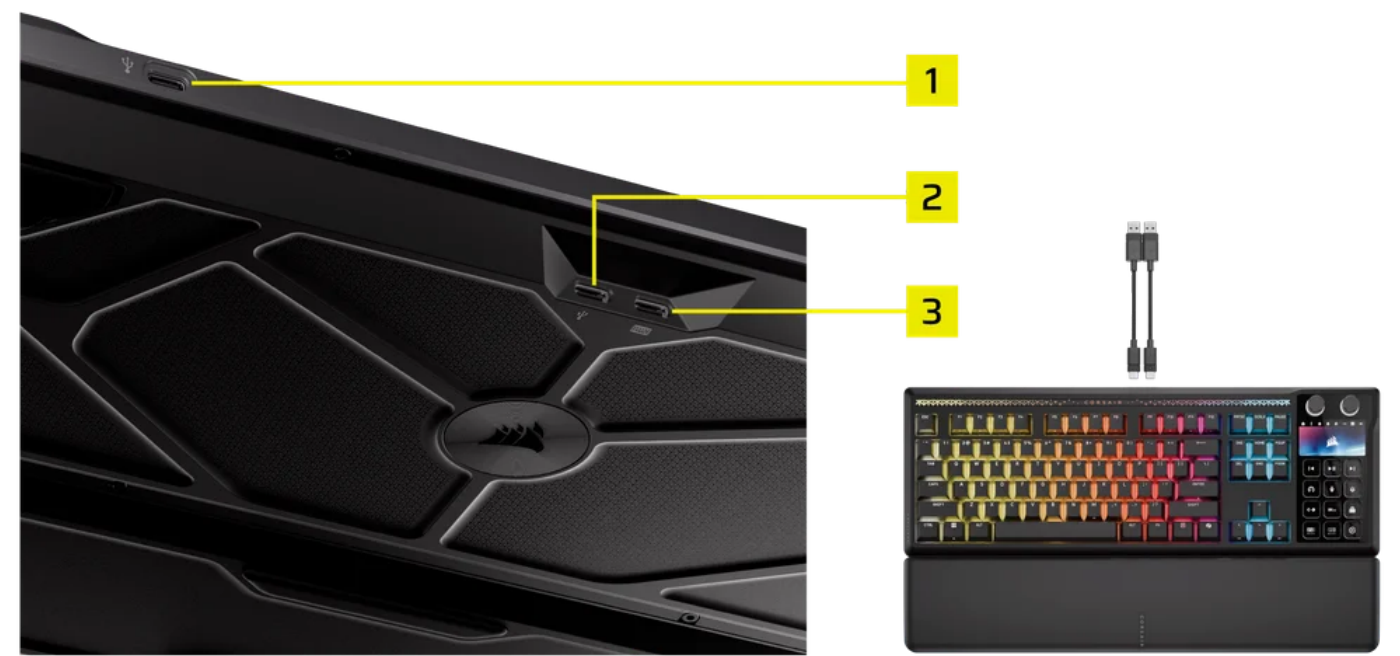
Before using the keyboard, please go to the Web Hub's Global Settings and update the product firmware to the latest version. www.corsair.com/web-hub

If the firmware update fails, follow the steps below:

1. Disconnect the USB cable from the keyboard.
2. Press and hold the B + L keys.
3. While holding the keys, reconnect the USB cable.
4. Wait until the keyboard lights turn on.
5. Run the firmware update again.

Connect the keyboard via 2 USB cables to an available USB Type-A port. Please refer to the image below.

- USB PASSTHROUGH PORT (1): Connect external devices.
- UPSTREAM PORT (2): Connect to PC.
- KEYBOARD FUNCTION PORT (3): Connect to PC.



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.

TECHNICAL SPECIFICATIONS

FEATURE	DESCRIPTION
Form Factor	87+12(US) / 88+12(UK) / 91+12 (JP) layout
Colorways	Black
Keycaps	PBT Double shot, ABS Single shot
Backlighting	Per key RGB programmable
LED Color	RGB, 16.8 million colors
Key switches	CORSAIR MLX Pulse linear mechanical pre-lubricated keyswitches, 45g actuation force, 2.0mm actuation distance, 3.6mm total travel, guaranteed for 80 million keystrokes
Connectivity	Wired USB (Version 3.0 or above recommended)
Matrix	Full key rollover (NKRO) with 100% anti-ghosting
USB Report Rate	Up to 8,000Hz hyper-polling with CORSAIR AXON
On-Board Profiles	5
Display	5" IPS color LCD screen with 12 keys
Multi-Function Control	12 multi-function keys + 2 Rotary dial
Brightness Key	FN shortcuts / Rotary dial
Windows Lock Key	Yes
Adjustable Height	Yes
Console Compatibility	Xbox One, Xbox Series X S, PlayStation 4, 5
Software	Yes (CORSAIR WEB HUB, Stream Deck APP)
Cable	1.8 m / 6 ft, black, detachable, braided USB Type-C to USB Type-A
Dimensions	Keyboard: 448*159*42 mm / 17.64 × 6.26 × 1.65 inches Palm rest: 448*89*21 mm / 17.64 × 3.50 × 0.83 inches
Weight	Keyboard: 1392 g / 49.09 oz Palm rest: 225 g / 7.94 oz
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)
- Up to 5-layer onboard lighting effects (programmable in CORSAIR WEB HUB per profile)

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 sec)	Switch to PlayStation mode	 Blinks white 5 times over 5 seconds
FN+  (Hold for 5 sec)	Switch back to standard mode	 Pulses white 2 times

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

OPERATING MODES

The keyboard functions in three different operating modes:

1. HARDWARE (HW) 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 that have been saved to the onboard storage.

In HARDWARE MODE, the left dial can be used to switch between SHORTCUTS MODE and NUMPAD MODE.

SHORTCUTS MODE



Elgato button

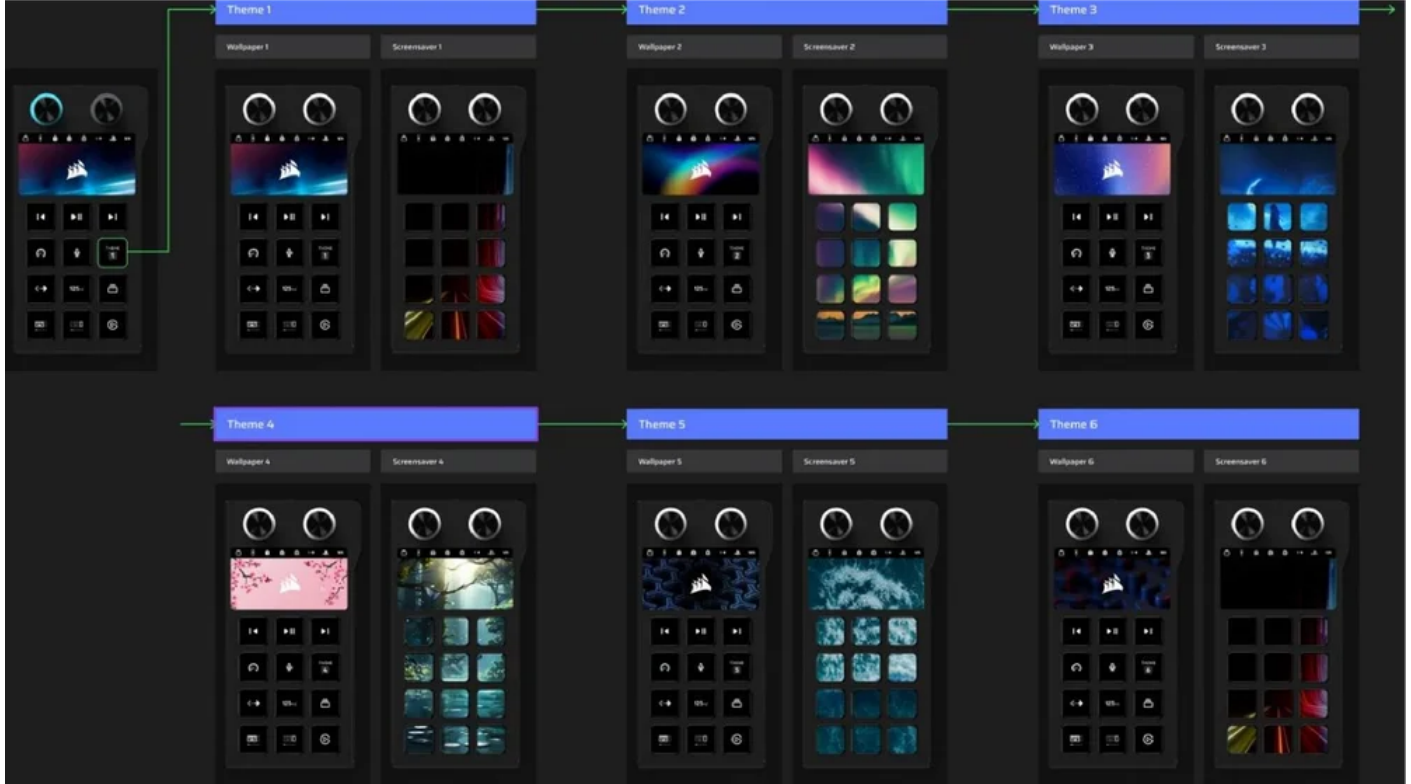
When you press this button, there are two possible scenarios*:This will be ready in early Q1

- **If the Stream Deck app is already installed:** It will automatically launch Stream Deck.
- **If the Stream Deck app is not installed:** It will direct you to the Stream Deck installation page.



Theme button

Press this button to switch between six available themes. But please note that only switching to personal mode can adjust RGB lighting in Corsair Web Hub



NOTE: To adjust RGB lighting in Hardware Mode or Web Hub, switch the Dynamic LCD screen theme to “Personal Mode” first. Personal Mode allows users to customize their lighting preferences in the web hub once they switch from one of the six preset themes to Personal Mode, as also noted in Rev’s guide.



NUMPAD MODE

There are two pages that can be switched using the dedicated buttons marked in yellow, as shown below.



2. WEB-BASED MODE

Go to CORSAIR WEB HUB link <https://corsair.com/web-hub>, the keyboard left side operates in Web-based mode, allowing for customization of the device, and using profiles and settings saved to onboard storage.



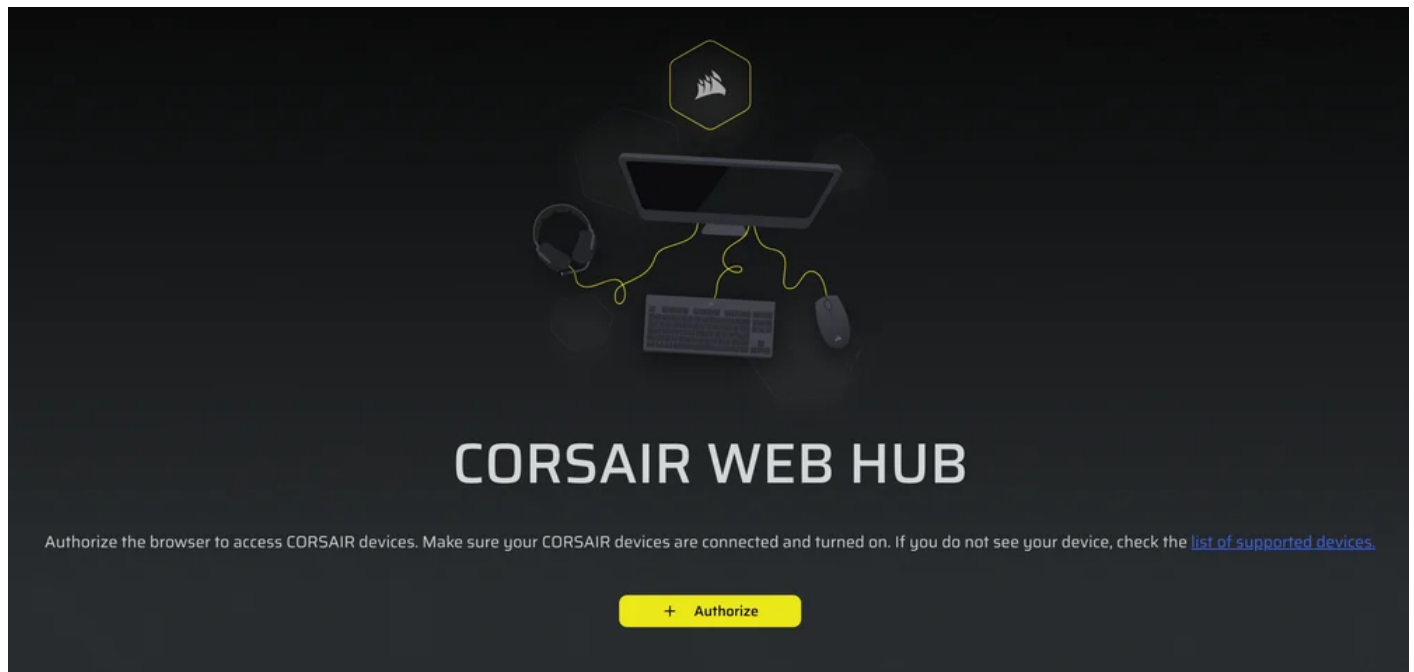
Note: Please bear in mind that certain features and keypress combinations have different effects depending on which mode you’re in, so if your GALLEON 100 SD is not exhibiting the expected behavior, please ensure that you are in the correct mode.

CORSAIR WEB HUB

FUNCTION	HARDWARE MODE	WEB HUB MODE
Storage & Profiles	8 MB for up 5 profiles	8 MB 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

CORSAIR WEB HUB is a user-friendly web utility with an intuitive, seamless interface, accessible via the link: <https://corsair.com/web-hub/>. No app downloads are required. CORSAIR 29 Web Hub is lightweight, allowing customization of the GALLEON 100 SD and supported

peripherals via the web. Easily program macros, assign key mappings, update firmware, customize Game Mode, and more.



CORSAIR WEB HUB it will present options to start programming for:

- Lighting Effects
- Key Assignments
- Flash Tap
- Game Mode
- Device Setting

3. ELGATO STREAM DECK MODE

Navigate to the following link to download the software to manage the integrated Stream Deck: <https://www.elgato.com/s/downloads> This will allow for all of customization and functionality discussed in the Stream Deck sections of the guide.

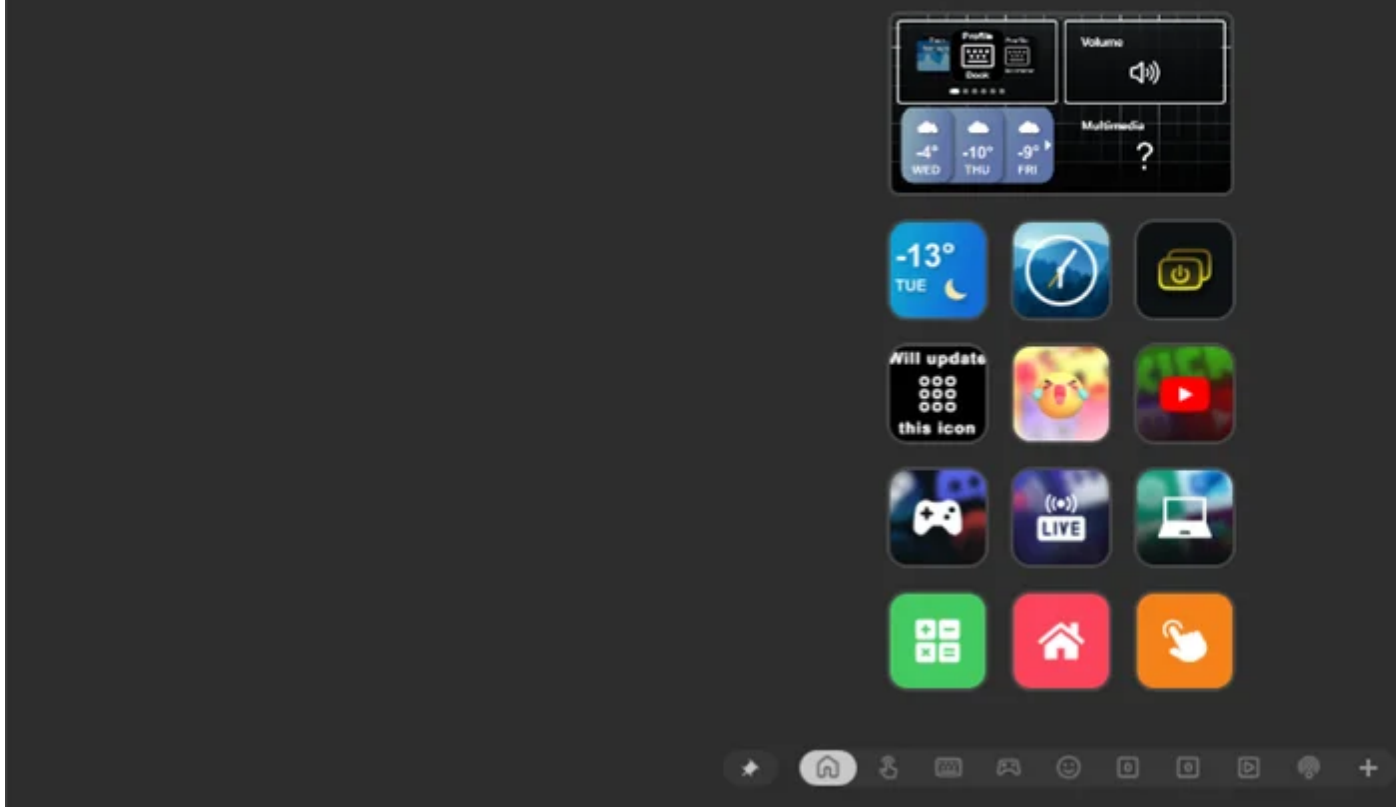


GETTING STARTED WITH STREAM DECK

Get the app To customize your controls, you'll need the Stream Deck app. It's free for PC and Mac, available at www.elgato.com/s/downloads.

Default Profile When you first open the Stream Deck app, you'll see the default profile with plugins for the following functions:

- Change KB lightings
- Change Polling rate
- Switch profiles
- Switch themes
- Game mode turn on/off
- FlashTap turn on/off



Learn the basics Available actions appear in the right panel of the Stream Deck app. Drag any action onto an open key or dial, then configure its settings in the area below.

Working with keys Press a key to instantly perform an assigned action. Use folders and pages to organize your actions for quick access. Multi Actions let you chain multiple commands together and execute them with a single press. With Key Logic, assign different actions to a press, double-press, or press-and-hold.

Working with dials The two dials control two dial sets, for total control of up to four dial actions. To switch between controlling corresponding the top and bottom dial action, do the following:

1. Long press the dial for 3 seconds, then let go
2. The dial will switch between controlling the top or bottom action

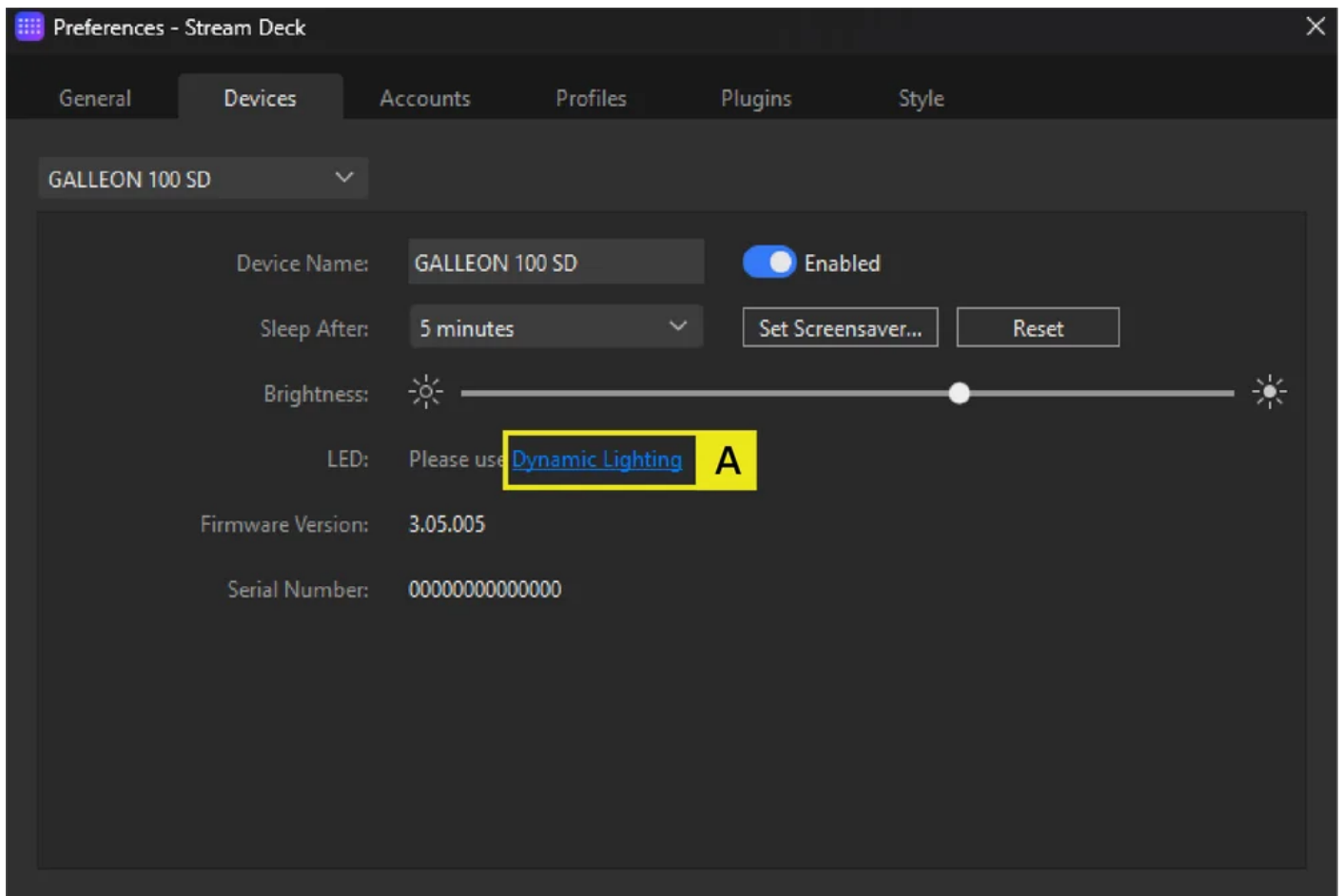
Dials can execute key actions, for even more control options.

- **Action Wheel:** Rotate the dial to select an action, then press the dial to perform the action. Think of this like a weapon or item select wheel in a game
- **Action Trigger:** Individual actions can be assigned to clockwise, counterclockwise and dial press. Now, a single dial can perform three different actions.

To get started with Action Wheel and Action Trigger, drag-and-drop them right the right side onto the dials.

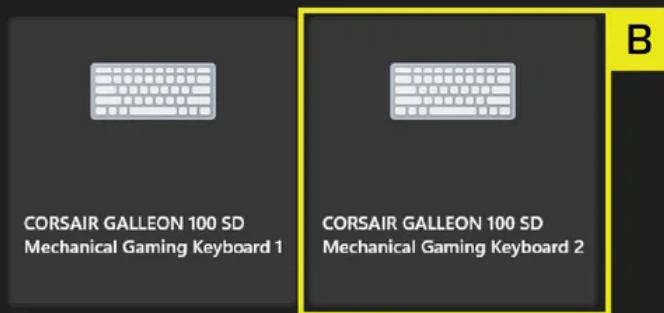
How to Adjust Lighting for the Two Rotary Dials

A. Open the Stream Deck App and go to the devices tab, clicking “Dynamic Lighting” under the LED section.

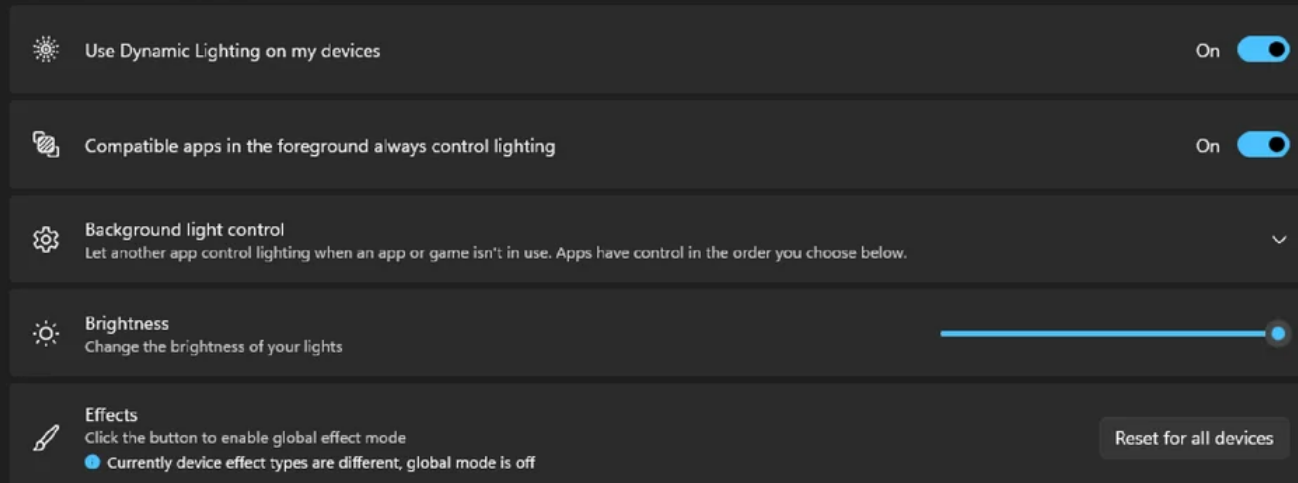


B. In the Dynamic Lighting page, select the right-hand device panel that represents the right-side full LCD module.

Personalization > Dynamic Lighting



Manage all Dynamic Lighting devices

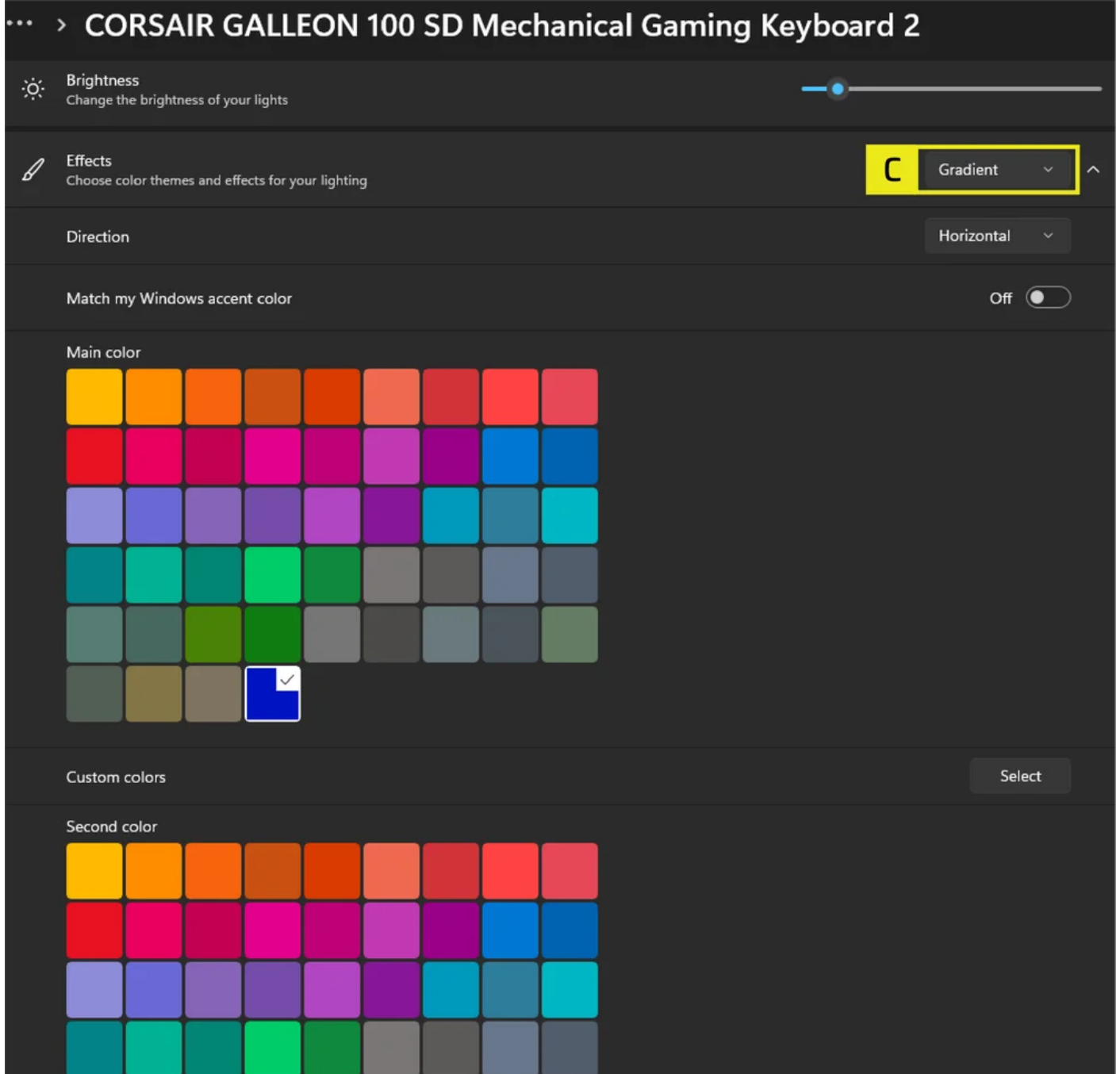


[Learn more about Dynamic Lighting and background light control](#)

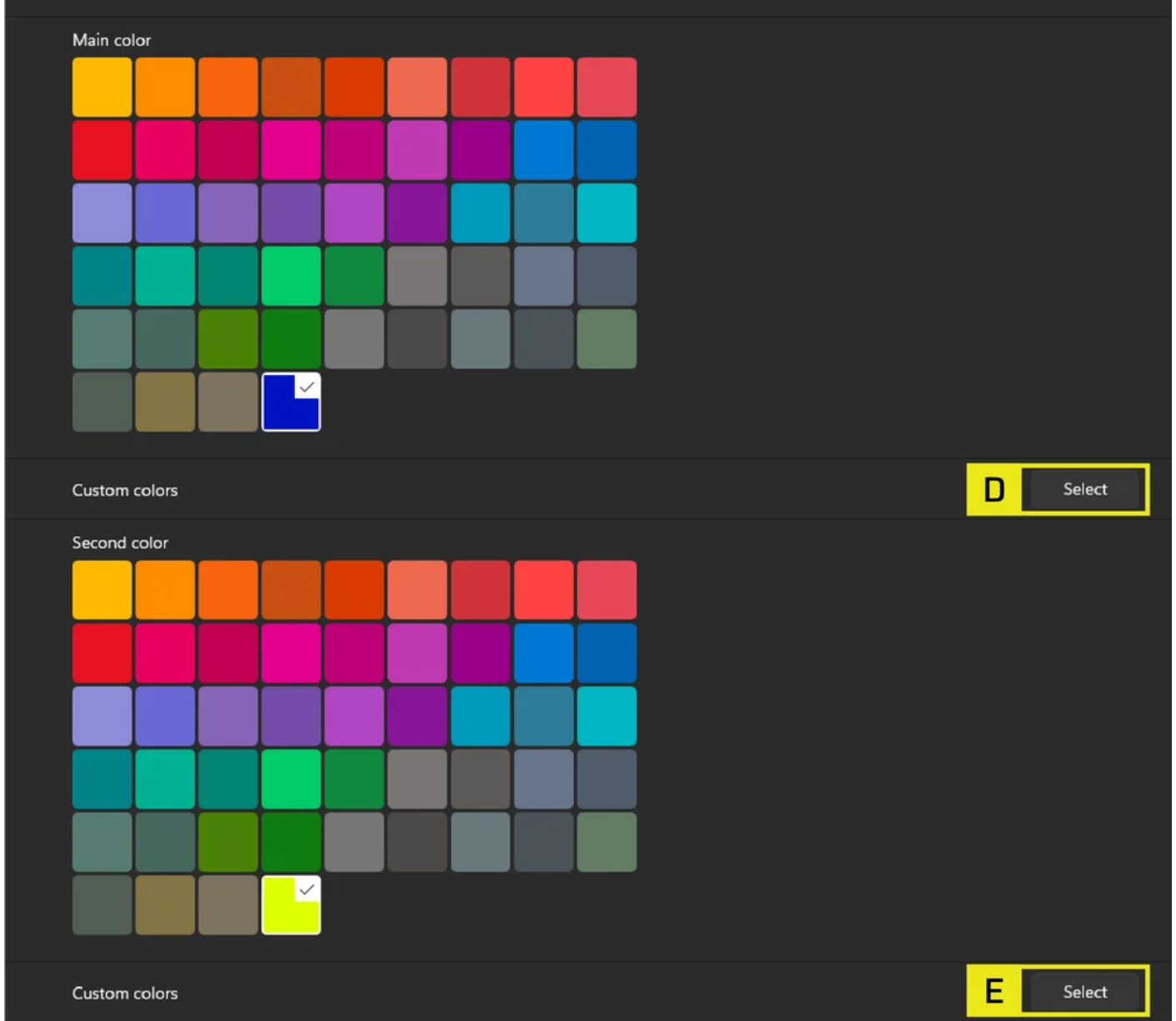
[Get help](#)

C. In the Effects section, choose the lighting effect you want to apply to the two rotary dials.

Note: Only the Gradient effect allows you to set different colors for each rotary dial. All other effects apply a single color/effect to both dials.



D. When Gradient is selected, the Main Color setting controls the left rotary dial.E. The Custom Color setting controls the right rotary dial.



Adapt to any task Profiles are custom layouts for different apps, games, and workflows. Create as many as you need, then switch between them manually or automatically with Smart Profiles.

Expand your abilities Elgato Marketplace offers hundreds of community-created plugins and profiles, giving you new ways to control your apps, games, and gear. Create a free account at marketplace.elgato.com, then browse and install add-ons directly through the Stream Deck app or on the web. Plugins update automatically when new versions are available, so you're always up to date.

Style how you like Your Stream Deck's appearance is fully customizable. In the app, right-click on your keyboard's screen to choose from various background designs. Install entire icon sets from Marketplace, then apply them one-by-one to your keys.

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. Those 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 FUNCTIONALITY

Enter competition-optimized setting via pressing FN + F1 on Game Mode Button.

NOTE: If activating Game Mode changes the current polling rate of the keyboard, this will create a delay of up to 1 second as the keyboard switches rates. Activating Game Mode BEFORE starting gameplay is recommended to limit the impact on your gameplay experience.

MODE	FUNCTIONS	HARDWARE	SOFTWARE (CORSAIR WEB HUB)	REMARK
Default Mode (Game Mode off)	Game mode off: • Default polling rate (1000Hz) • Win Lock off • RGB lighting	No	No	Factory default
Game Mode on	Game mode on: • USB Polling rate: 1000Hz by default, and can be adjusted in Web Hub to the maximum 8000Hz • Win Lock on • 1 secs red ripple effects* (ripple lighting centered from game mode button), then go to game mode lighting	Yes	Yes	Can be customized in Web Hub. Changing the polling rate will cause the keyboard to restart.

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.

SHORTCUT	FUNCTION
FN + F1	Game Mode on/off
FN + F2	Cycles onboard or software profiles
FN + F3	Backlight Down
FN + F4	Backlight Up
FN + F5	Stop media track
FN + F6	Previous media track
FN + F7	Play / pause media track
FN + F8	Next media track
FN + F9	Mute / unmute
FN + F10	Decreases volume
FN + F11	Increases volume
FN + `	Back to default Lighting Effect
FN + 1 ~ 0	Select onboard lighting effects
FN + [	Rotate Effect Left
FN +]	Rotate Effect Right
FN + -	Decrease lighting effect speed
FN + =	Increase lighting effect speed
FN + Left Arrow / Right Arrow	Switch between custom wallpapers. These shortcuts will be disabled from theme 1 to theme 6, and enabled in theme 7.
FN + M	Macro recording
FN + R-Shift	FlashTap on / off
FN + Win	Toggles Win Lock on and off. Hold for 5 seconds will switch between PlayStation mode and standard mode.

MACRO RECORDING / CLEARING NOTES

- Enters macro recording: Hold FN + M key (Indication: Indicator breathes red)
- Press any series of standard keys to begin recording
- Stops recording: Press FN + M key (Indication: Indicator blinks red)
- Press any key, FN + key or modifier (CTRL/SHIFT/ALT/ALTGR) + key
 - **If keys were recorded:** Pressing that key or combination saves the macro
 - **If no keys were recorded:** Pressing that key or combination clears any macro or function saved

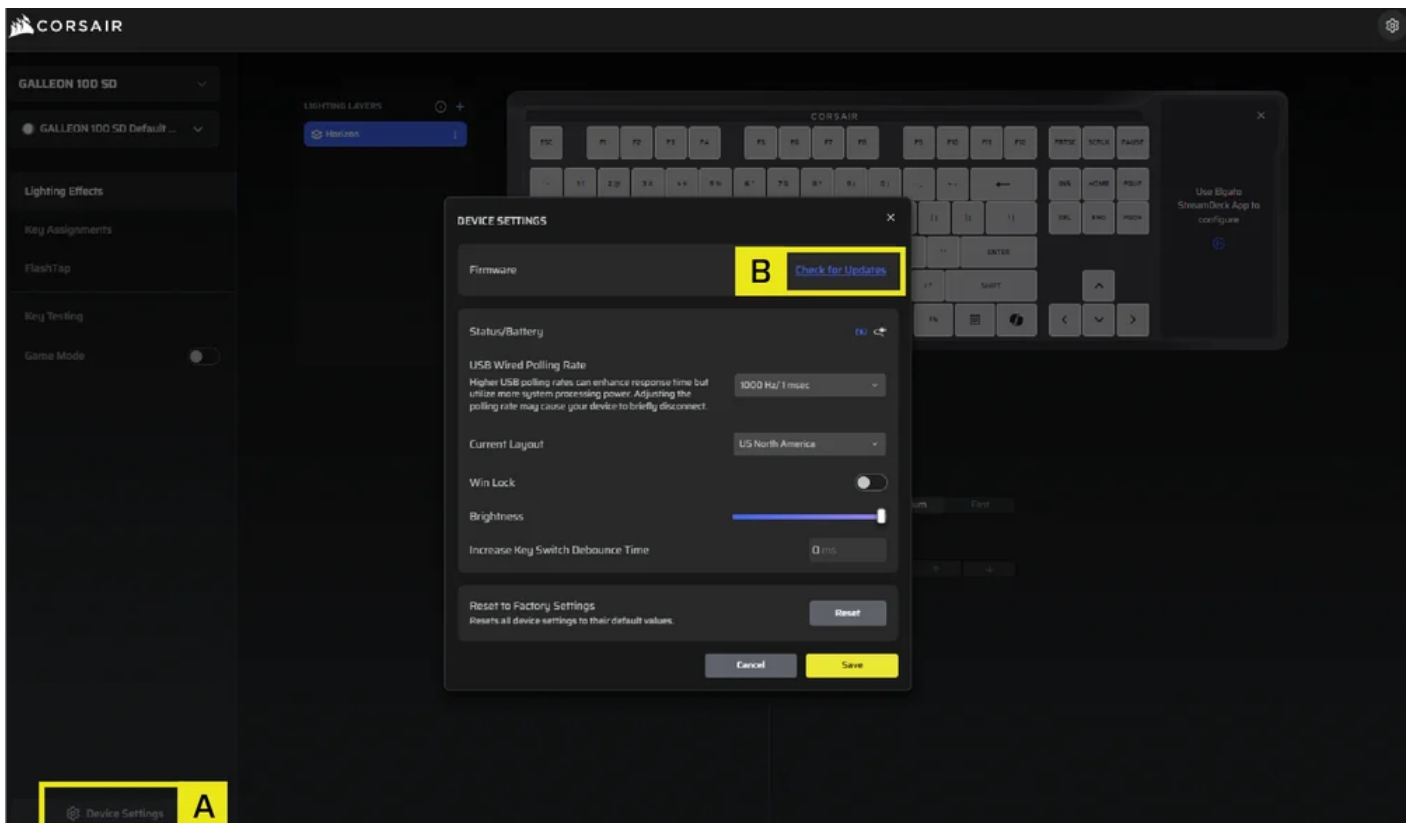
LIGHTING SHORTCUTS

SHORTCUT	LIGHTING EFFECT
FN + `	Current HW profile lighting
FN + 1	Horizon
FN + 2	Watercolor
FN + 3	Spiral Rainbow
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
FN + -	Reduce Effect Speed
FN + =	Increase Effect Speed
FN + [	Rotate Effect Left
FN +]	Rotate Effect Right

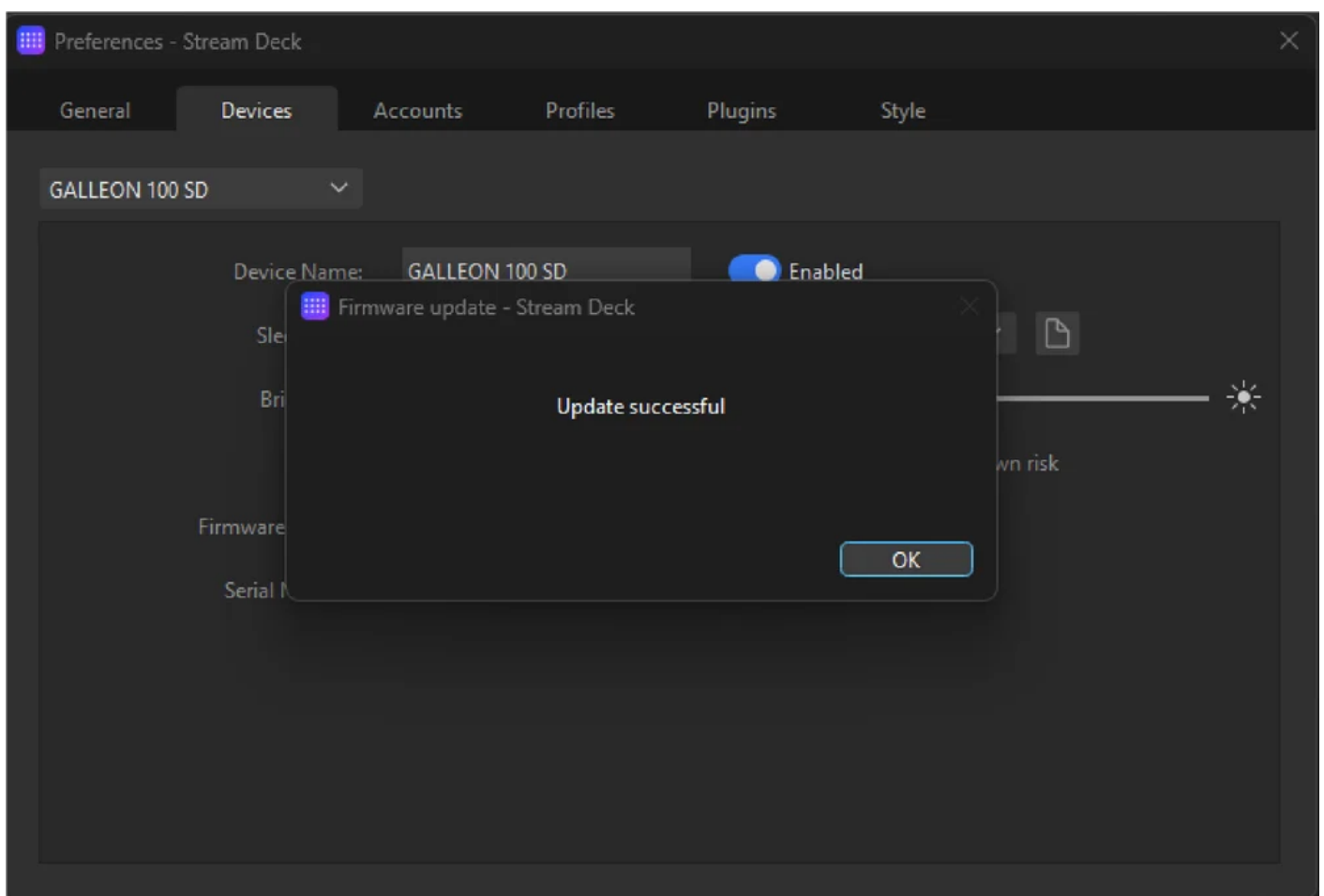
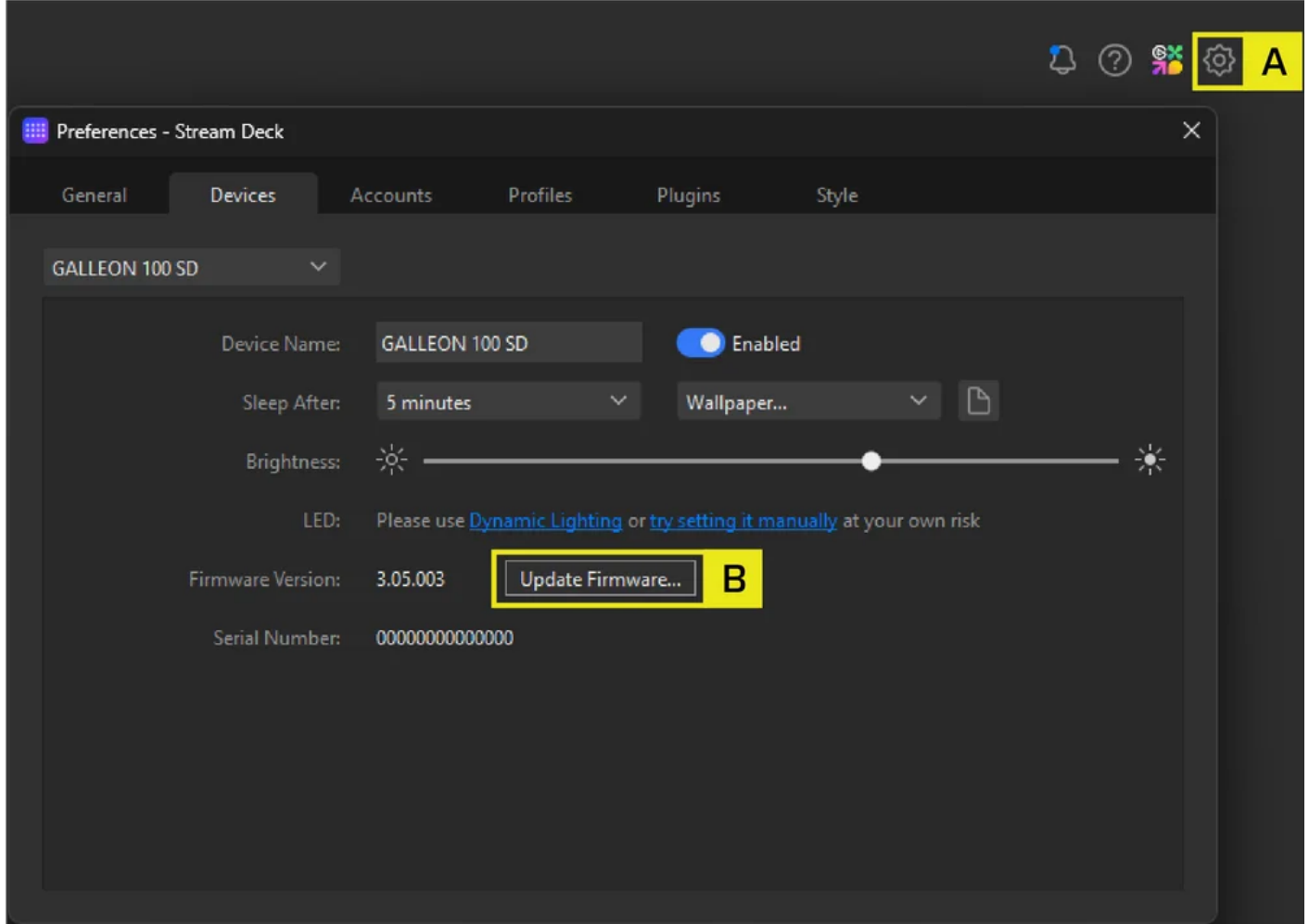
Hold ESC key for two seconds while device is plugged in to erase onboard memory profiles and restore factory default settings. It will also replay the product feature introduction video.

HOW TO DO FIRMWARE UPDATE FOR HARDWARE MODE

1. Go to Corsair Web Hub
 - A. Press “Check for updates” for Firmware
 - B. Go to Device Settings



2. Go to Stream Deck
 - A. Press the Device Settings icon
 - B. Press “Update Firmware”



COMPATIBILITY MODE

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

In compatibility mode, the output is limited to:

- 13-keys + 7 modifier keys (RCtrl, LAlt, LShift, Windows, AltGr)
- Still output 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 get back from BIOS mode to standard mode, hold ESC key while plugging in power via USB (this will clear EEPROM, but does not perform factory reset)

In BIOS mode, the output is limited to:

- 6-keys + 5 modifier keys (RCtrl, LAlt, LShift, Windows, AltGr)
- Fixed at 125Hz polling rate
- No media keys output

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