



# RAZER BLACKWIDOW V4 75% BAREBONES

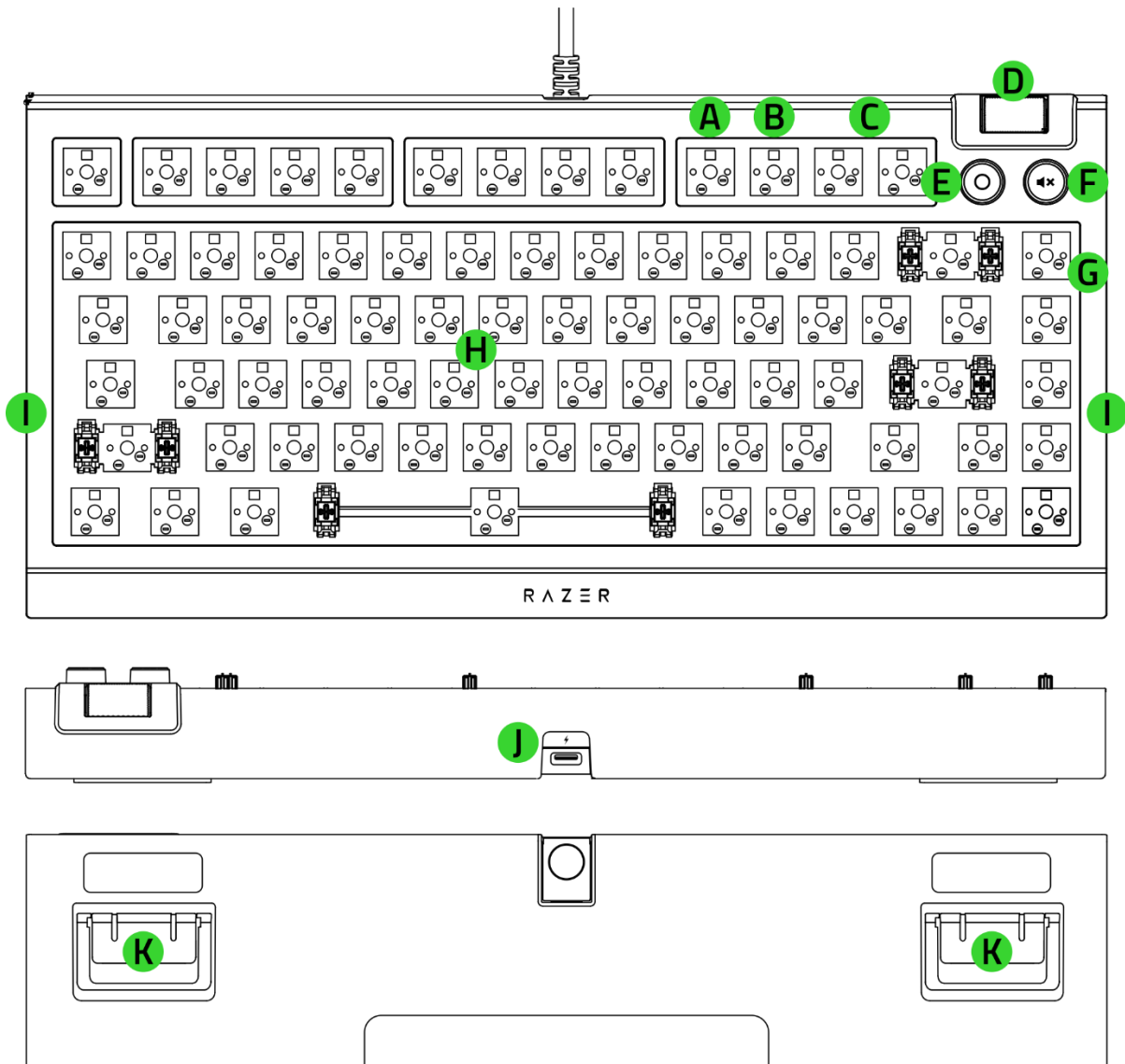
MASTER GUIDE

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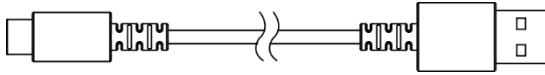
# 1. WHAT'S INSIDE

- Razer BlackWidow V4 75% Barebones



- A. On-the-fly macro record key socket
- B. Gaming mode key socket
- C. Backlight control key sockets
- D. Multi-function roller
- E. Multi-function media button
- F. Mute button
- G. Sleep mode key socket
- H. 5-pin hot-swappable sockets
- I. Razer Chroma™ RGB underglow lighting
- J. USB 2.0 Type C port
- K. Kickstand

- USB Type A to Type C cable



- 2-in-1 keycap and switch puller



- Important Product Information Guide

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## 2. WHAT'S NEEDED

### PRODUCT REQUIREMENTS

- USB Type A port
- 3 or 5-pin Mechanical switches\*
- 75% Keyboard-compatible keycap set\*\*

### RAZER SYNAPSE REQUIREMENTS

- Windows® 10 64-bit (or higher)
- Internet connection for software installation

**i** *Mechanical switches and keycaps are not included.*

*\*Depending on the keyboard layout, up to 87 switches may be required.*

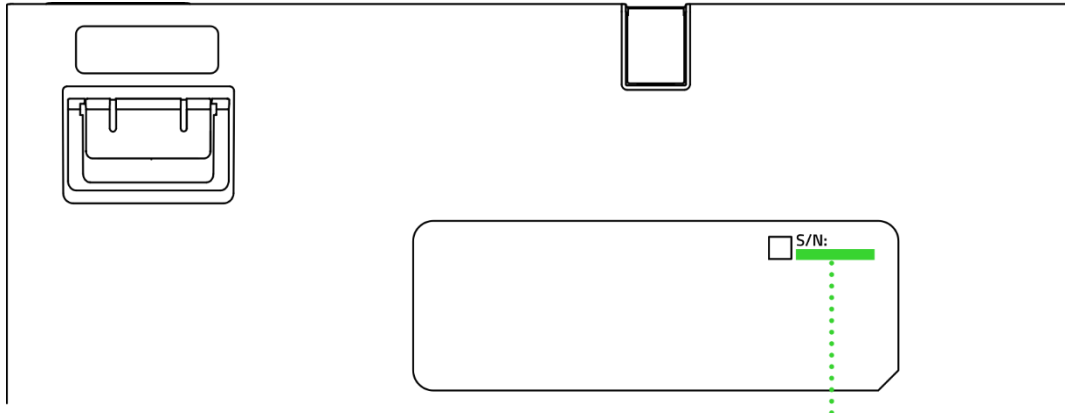
*\*\*Visit [support.razer.com](https://support.razer.com) for keycap dimension details.*

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### 3. LET'S GET YOU COVERED



Register your product and score exclusive benefits  
[razerid.razer.com/warranty](https://www.razerid.razer.com/warranty)



*Your product's serial number  
can be found here.*

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## 4. GETTING STARTED

### INSTALLING / CHANGING KEYCAPS

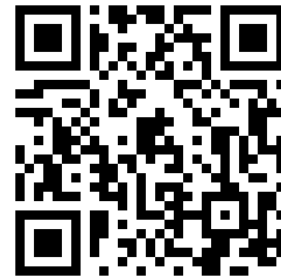
Scan the QR codes below for comprehensive guides on installing or changing your keyboard's switches and keycaps.

To install / change  
mechanical switches



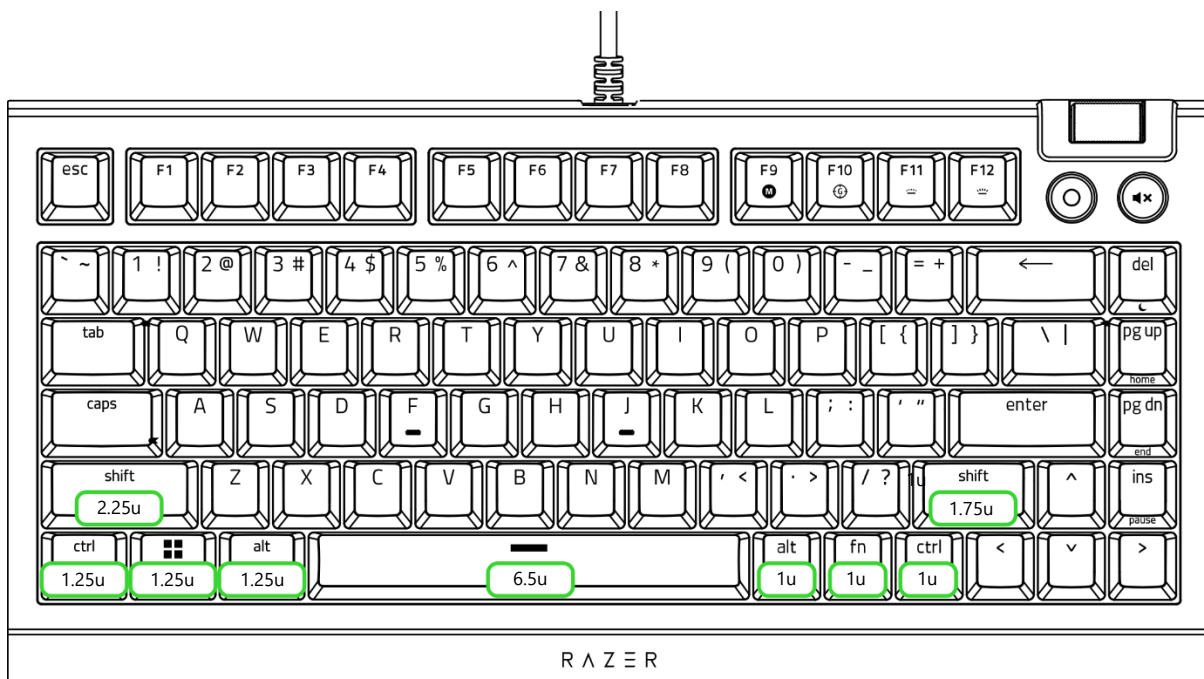
[rZR.to/changing-mechanical-switches](https://rZR.to/changing-mechanical-switches)

To install / change  
keycaps



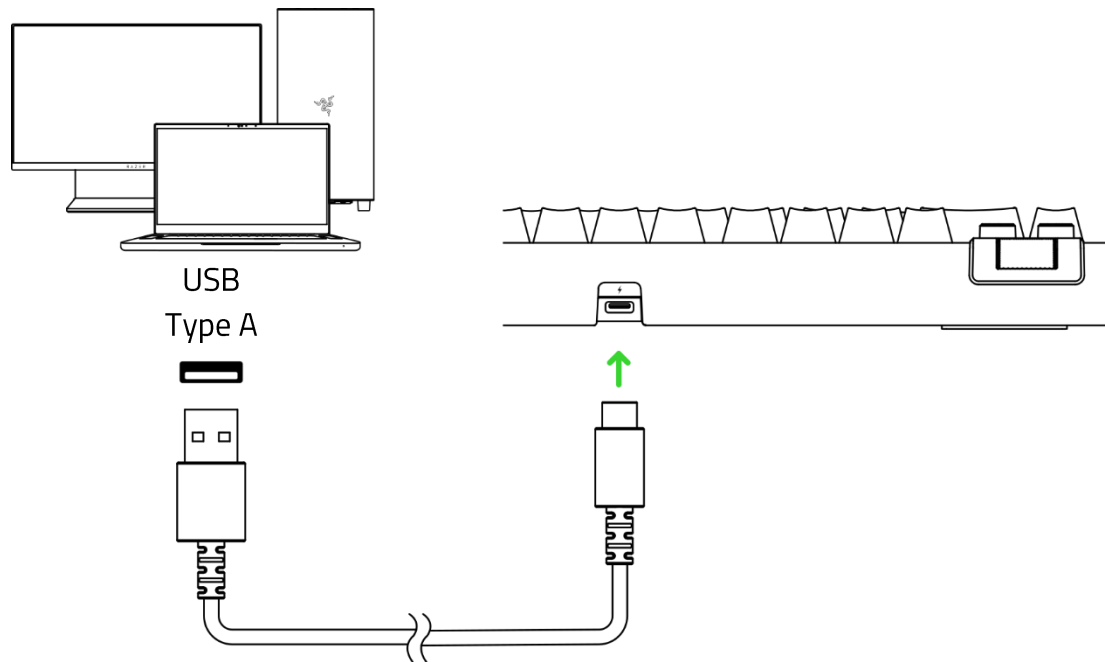
[rZR.to/changing-keycaps](https://rZR.to/changing-keycaps)

### KEYCAP DIMENSIONS AND LAYOUT REFERENCE



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## 5. SETTING UP YOUR RAZER BLACKWIDOW V4 75% BAREBONES



**i** Install Razer Synapse when prompted or download the installer from [razer.com/synapse](https://razer.com/synapse).

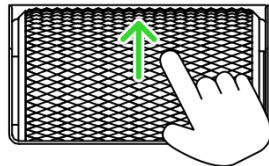
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## 6. USING YOUR RAZER BLACKWIDOW V4 75% BAREBONES

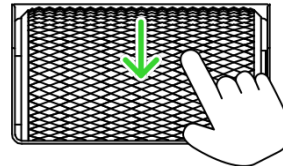
### MEDIA CONTROLS

#### Multi-function Roller

 Increase volume

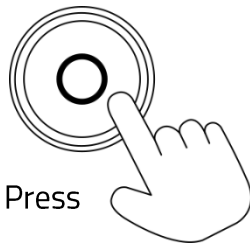


 Decrease volume

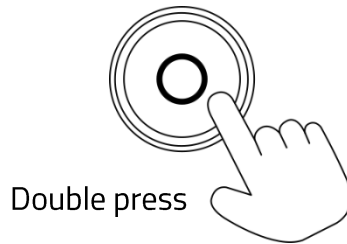


#### Multi-function media button

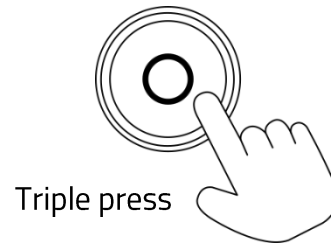
Play / Pause



Next track

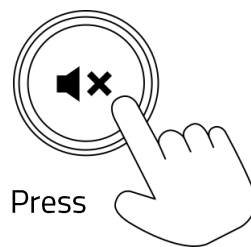


Previous track



#### Mute button

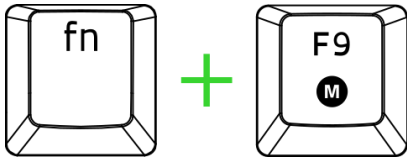
Mute / Unmute



### KEYBOARD FUNCTIONS

Hotkey / Shortcut	Description
fn + F10 (Ⓞ)	Disable the Windows and Copilot keys, alt + tab, and alt + F4 functions (customizable via Razer Synapse).
fn + F11 / F12 (☰ / ☱)	Decrease or increase the keyboard LED's brightness.
fn + del (☾)	Suspend all operating system activities and conserve power.

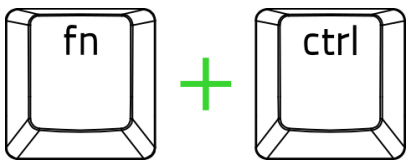
## ON-THE-FLY MACRO RECORDING













Follow these steps to create an OTF Macro Recording:

1. Press the key combination to start recording.
2. Type the keys you want to record.
3. Press the key combination to stop the recording or the ESC key to cancel the recording.
4. Wait for the OTF Macro record key to start blinking.
5. Press the desired Macro key where you want to save your recording.

## CHROMA EFFECTS




Hotkey	Chroma effect
fn + ctrl + 1	 Off
fn + ctrl + 2	 Static*
fn + ctrl + 3	 Breathing*
fn + ctrl + 4	 Spectrum cycling
fn + ctrl + 5	 Wave**

Hotkey	Chroma effect
fn + ctrl + 6	 Reactive*
fn + ctrl + 7	 Starlight*
fn + ctrl + 8	 Ripple*
fn + ctrl + 9	 Wheel**
fn + ctrl + 0	 Fire

\*Press again to change color.

\*\*Press again to change direction.

 Use the Razer Synapse app to customize your keyboard's lighting effects and access other advanced features available on your keyboard.

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## 7. CONFIGURING YOUR RAZER BLACKWIDOW V4 75% BAREBONES

**i** *Disclaimer: This guide provides an overview of the New Razer Synapse app and may only partially cover some of the features of your device. The New Razer Synapse requires an Internet connection to install, update, access, and save cloud-based features. Registering for a Razer ID account is recommended but optional. All features listed here are subject to change based on the current version, connected device(s), and supported add-ons.*

### SYNAPSE TAB

The Synapse tab is your default tab when you first launch Razer Synapse. Use the following buttons below to navigate the user interface:

#### — Minimize

Clicking this button will minimize the app to the taskbar while it runs in the background.

#### ☐ Maximize

This button expands the browser window to fill the entire screen. To restore the window to its original size, click the maximize button again.

#### ✕ Close

This button will close all relevant tabs and terminate the application completely.

#### < Previous Tab

Clicking this button will return you to the last tab you have visited.

#### > Next Tab

Clicking this button will move you to the next page if you've recently used the Previous Tab button.

#### 🔄 Refresh Tab

This button reloads the current page. Use this if a page isn't displaying correctly or you want to see the latest content.

#### ⬇️ Download Update

If this button appears, that means there are changes to the app. Use this if a page isn't displaying correctly or you want to see the latest content.

## ☰ More

Clicking this button will open a pop-up so you can easily access your Devices, Modules, and Other Installed Apps tabs.

## ⚙ Settings

Clicking this button will open the Settings tab, so you can quickly change the settings to this app.

## 👤 Profile

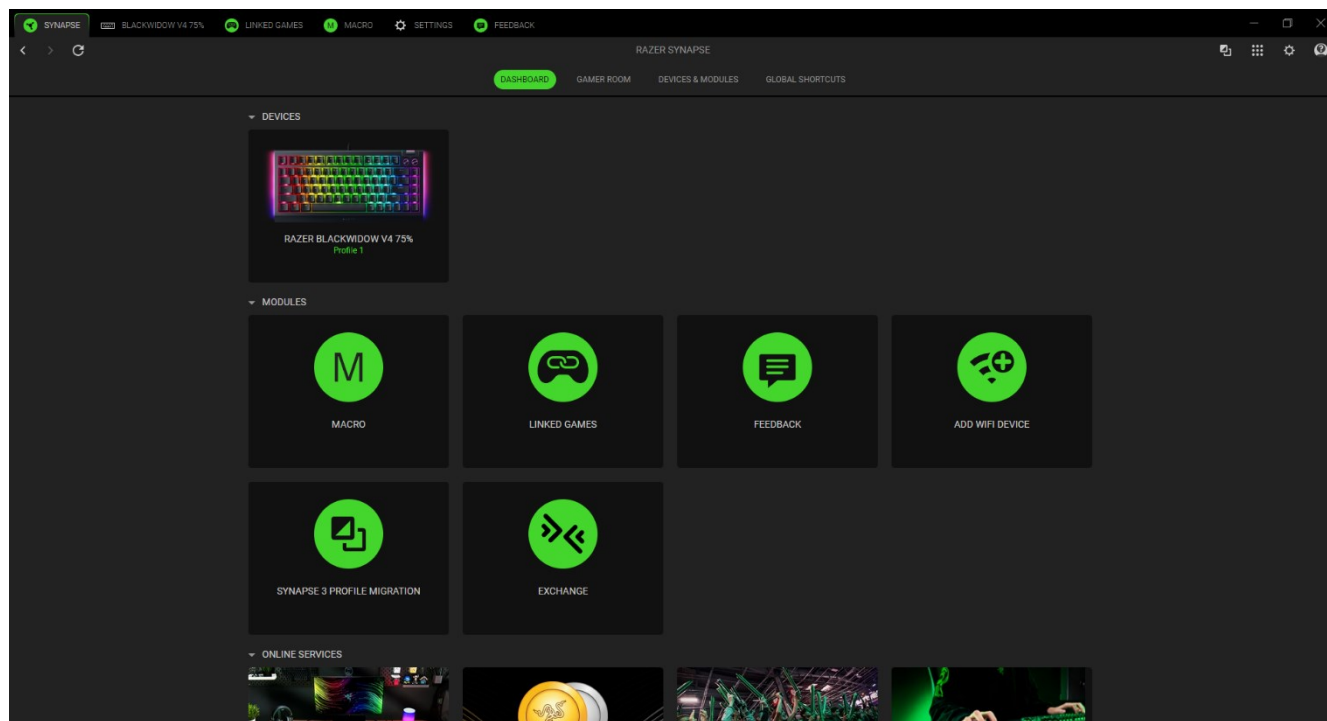
This button will open a pop-up to access the Log In, Feedback, Rate This Software, Add WiFi Device, and Exit options.

## ❓ Info

Hovering over this button will pop up an additional information about a feature or function.

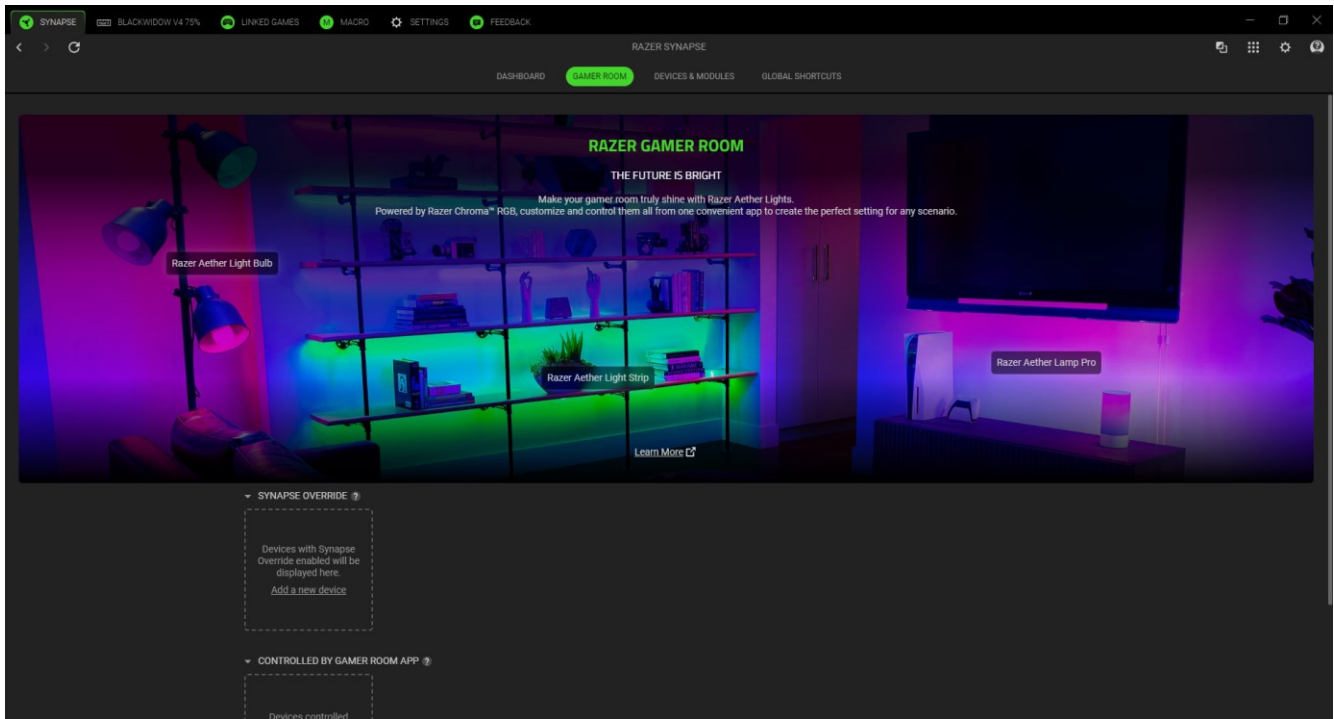
## Dashboard

The Dashboard subtab is an overview of your Razer Synapse, where you can access all your Razer devices, modules, and online services.



## Gamer Room

The Gamer Room subtab shows all devices with the Razer Aether Light feature. From here, you can view and manage your Gamer Room-supported devices.



### *Synapse Override*

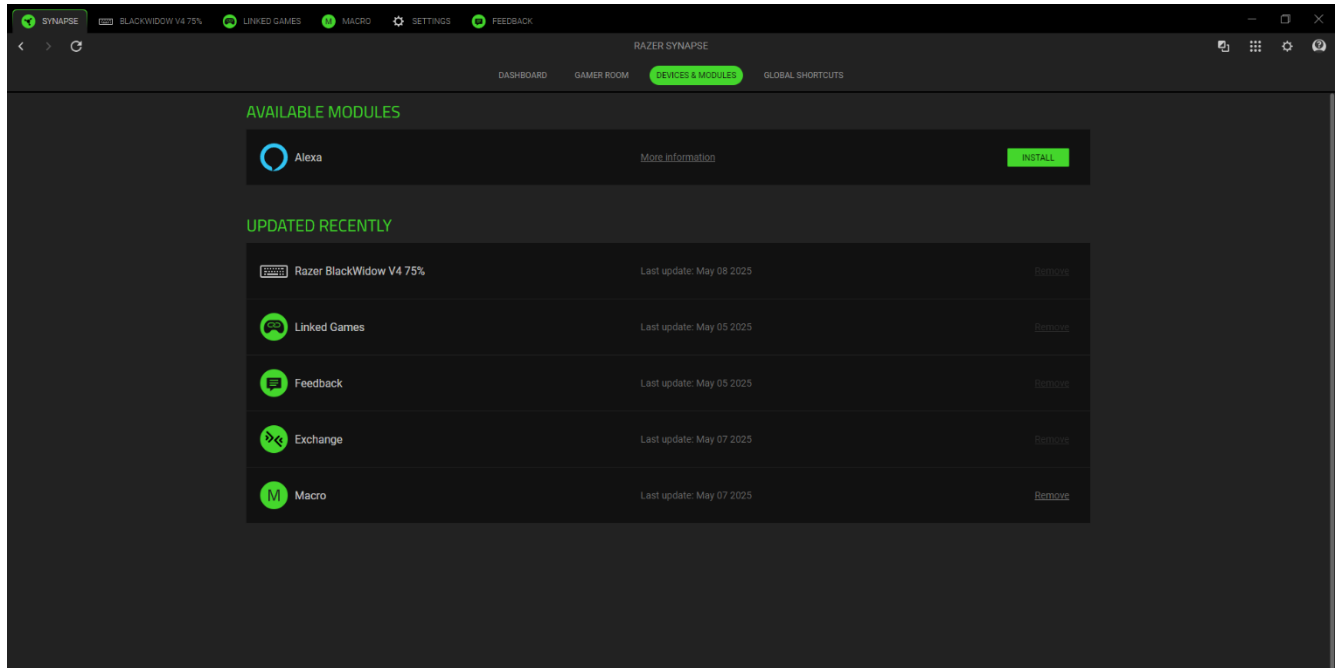
This section allows you to select and customize your device's lighting and make it react to Chroma-enabled games and Chroma Connect apps using Razer Synapse.

### *Controlled By Gamer Room App*

This section displays all supported devices controlled remotely by the Gamer Room app.

## Devices & Modules

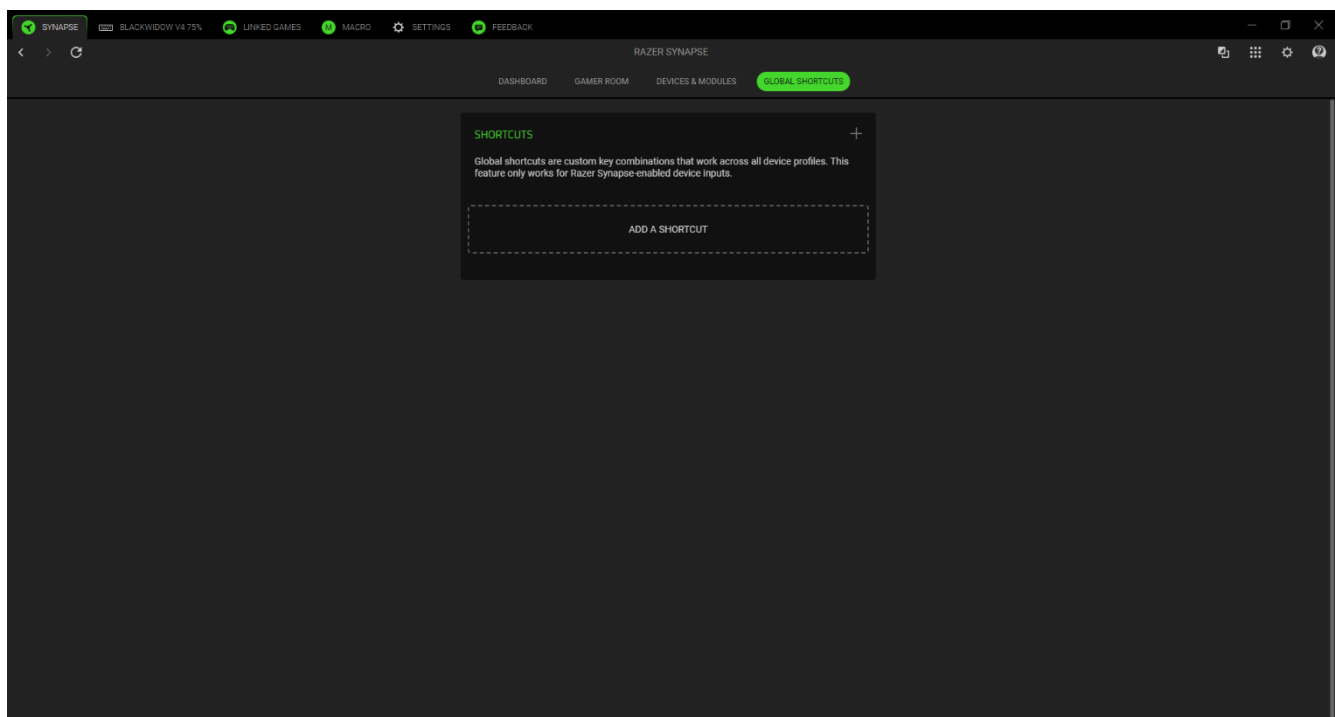
The Modules subtab displays all installed and available modules for installation.



## Global Shortcuts


Bind operations or Razer Synapse functions to custom key-combinations from any Razer Synapse-enabled device inputs, which apply across all device profiles.

 *Only Razer Synapse-enabled device inputs will be recognized.*



## BLACKWIDOW V4 75%

The BLACKWIDOW V4 75% tab is the main tab for your Razer keyboard. You can change your device settings from here, such as key assignments and lighting. Any changes under this tab will be saved automatically to your local system and cloud storage. Use the following buttons below to access your profile options:

 Profiles Dropdown Bar

Clicking this dropdown bar will display all the profiles for this device so you can quickly change profiles.

... Miscellaneous

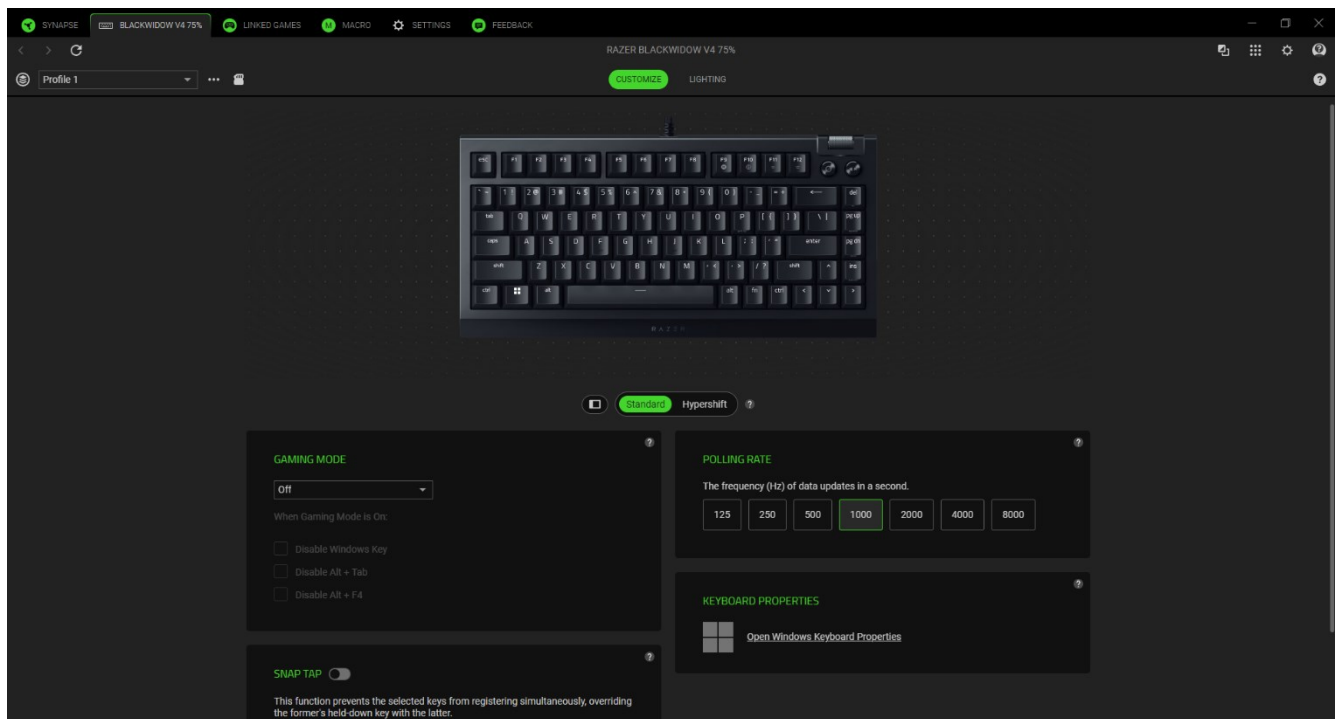
Clicking this button will open a pop-up with options related to your current profile.

 On-board Profiles

Clicking this button will open a pop-up that will show you the remaining storage and allow you to transfer or change the saved profiles on your device.

## Customize

The Customize subtab is for modifying your keyboard's key assignments, gaming mode, polling rate, and other properties.



### *Profile*

Profile is a data storage system that keeps all your Razer peripheral settings. By default, the profile name is based on your system's name. Clicking the dropdown bar (▾) will display all profiles for this device so you can quickly switch between them. To add, import, rename, duplicate, export, or delete a profile, press the profile's corresponding Miscellaneous button (...).

### *Hypershift*

Hypershift mode is a secondary set of key assignments that is activated when the Hypershift key is held down. By default, the Hypershift key is assigned to the fn key of your Razer Synapse-supported keyboard; however, you can also assign any key as a Hypershift key.

### *Gaming Mode*

Gaming Mode enables you to customize which keys to disable when Gaming Mode is activated. Depending on your settings, you may choose to disable the Windows key, alt + tab and alt + F4.

### *Snap Tap*

Set the keyboard to prevent two preferred keys from being pressed simultaneously, prioritizing the latest key input over the previous one without requiring the release of the first key. [Learn more about Snap Tap](#)


### *Polling Rate*

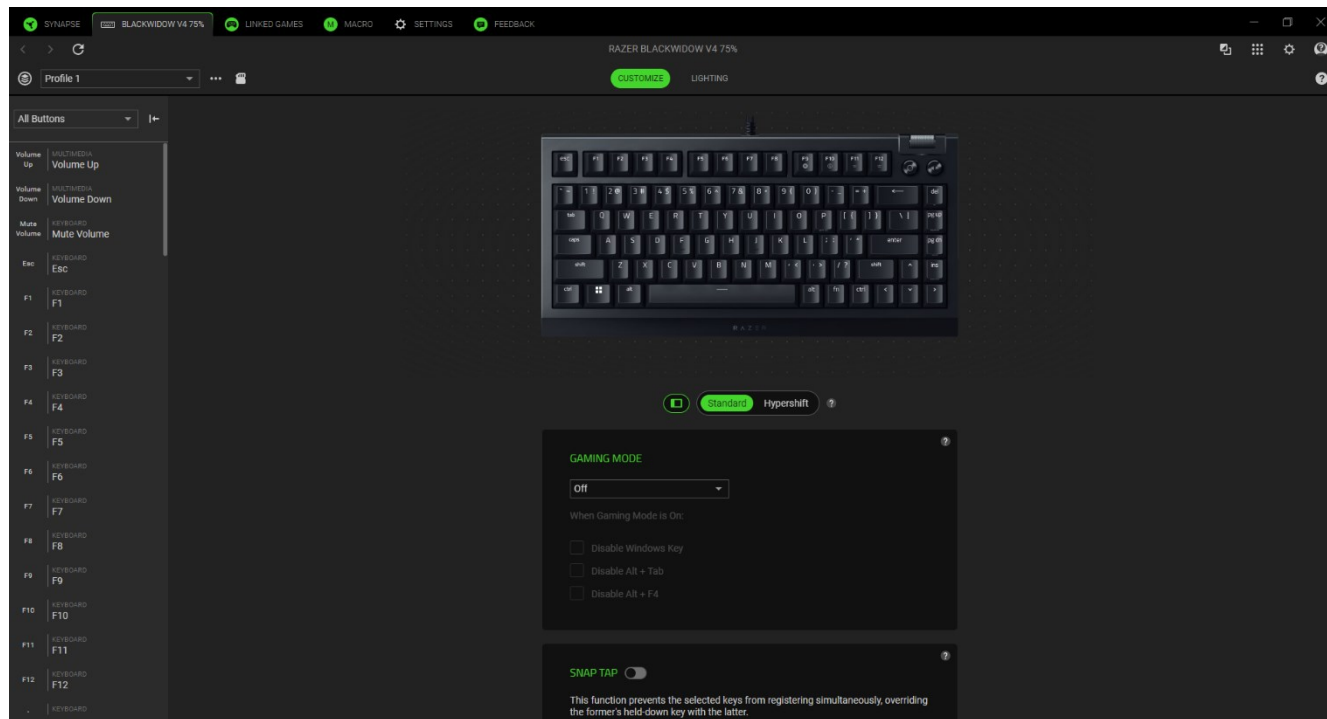
The higher the polling rate, the more frequently the computer receives information about the status of your keyboard; thereby reducing the keyboard's input latency.

### *Keyboard Properties*

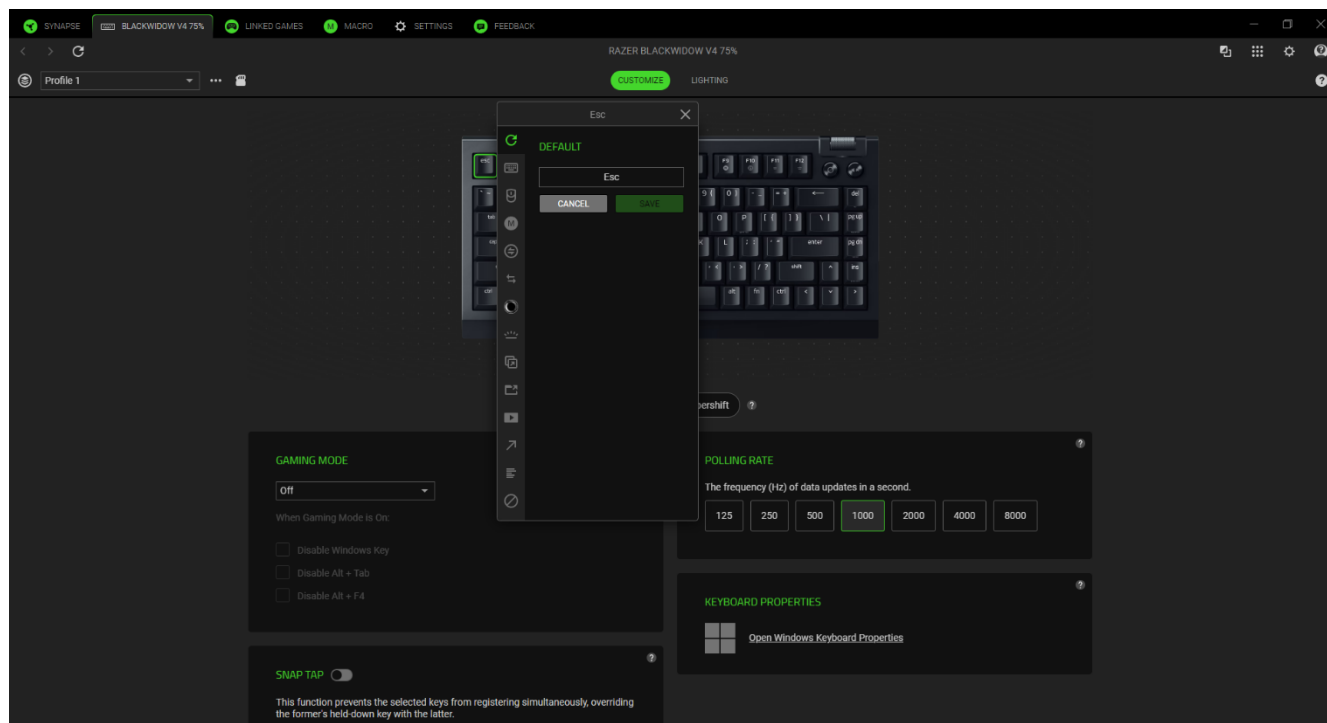
Allows you to open the Windows Keyboard Properties where you can modify other keyboard settings such as Repeat delay, Repeat Rate, and Cursor blink rate, or view all keyboard drivers installed in your PC.

## Remap Menu

Clicking the Remap Menu button (  ) will reveal all current assignments for your Razer Keyboard and allow you to change their assignments.



Alternatively, you can skip a specific assignment by selecting it on the Customize tab.



Upon selecting an assignment, you may then change it to one of the following functions:

### Default

This option enables you to return the selected key to its original setting.

### Keyboard Function

This option changes the key assignment into a keyboard function. You can also choose to enable Turbo mode, which allows you to emulate repeatedly pressing the keyboard function while the key is held down.

### Mouse Function

This option allows you to change any key into a mouse function. Listed below are the functions which you can choose from:

- Left Click - Performs a left mouse click using the assigned key.
- Right Click - Performs a right mouse click using the assigned key.
- Scroll Click - Activates the universal scrolling function.
- Double Click - Performs a double left click using the assigned key.
- Scroll Up - Performs a "Scroll Up" command using the assigned key.
- Scroll Down - Performs a "Scroll Down" command using the assigned key.
- Mouse Button 4 - Performs a "Backward" command for most internet browsers.
- Mouse Button 5 - Performs a "Forward" command for most internet browsers.
- Scroll Left - Performs a "Scroll Left" command using the assigned key.
- Scroll Right - Performs a "Scroll Right" command using the assigned key.
- Repeat Scroll Up - Continuously performs a "Scroll Up" command as long as the assigned key is pressed.
- Repeat Scroll Down - Continuously performs a "Scroll Down" command as long as the assigned key is pressed.
- Repeat Scroll Left - Continuously performs a "Scroll Left" command as long as the assigned key is pressed.
- Repeat Scroll Right - Continuously performs a "Scroll Right" command as long as the assigned key is pressed.

You can also choose to enable Turbo mode in some of the mouse functions, which allow you to emulate repeatedly pressing and releasing said function while the key is held down.

## Macro

A Macro is a prerecorded sequence of keystrokes and button presses that is executed with precise timing. By setting the key function to Macro, you can conveniently execute a chain of commands. This function will only be visible when the Macro module is installed.

## Inter-device

Inter-device allows you to change the functionality of other Razer Synapse-enabled devices. Some of these functionalities are device-specific such as using your Razer gaming keyboard to change the Sensitivity Stage of your Razer gaming mouse.

## Switch Profile

Switch Profile enables you to quickly change profiles and load a new set of key assignments. An on-screen notification will appear whenever you switch profiles.

## Switch Chroma Effect

Switch Chroma Effect allows you to easily switch between all Chroma Effect Profiles in Chroma Studio. This function will only be visible when the Chroma Studio module is installed.

## Device Brightness

Assign the chosen key to turn your device's LED lighting bright or dim; or toggle them on/off.

## Razer Hypershift

Setting the key to Razer Hypershift will allow you to activate Hypershift mode if the key is held down.

## Launch

Launch Program lets you open an app or a website using the assigned key. When you select Launch Program, two choices will appear, requiring you to search for a specific app you want to open or write the website address you want to visit.

## Multimedia

This option allows you to assign multimedia controls to your Razer device. Listed below are the multimedia controls you can choose from:

- Volume Down - Decreases the audio output.
- Volume Up - Increases the audio output.

- Mute Volume - Mutes the audio.
- Mic Volume Up - Increases the microphone volume.
- Mic Volume Down - Decreases the microphone volume.
- Mute Mic - Mutes the microphone.
- Mute All - Mutes both microphone and audio output.
- Play / Pause - Play, pause, or resume current media playback.
- Previous Track - Play the previous media track.
- Next Track - Play the next media track.

## ↗ Windows Shortcuts

This option allows you to assign your preferred key into a Windows Operating System shortcut command. For more information, please visit: [support.microsoft.com/kb/126449](https://support.microsoft.com/kb/126449)

## ☰ Text Function

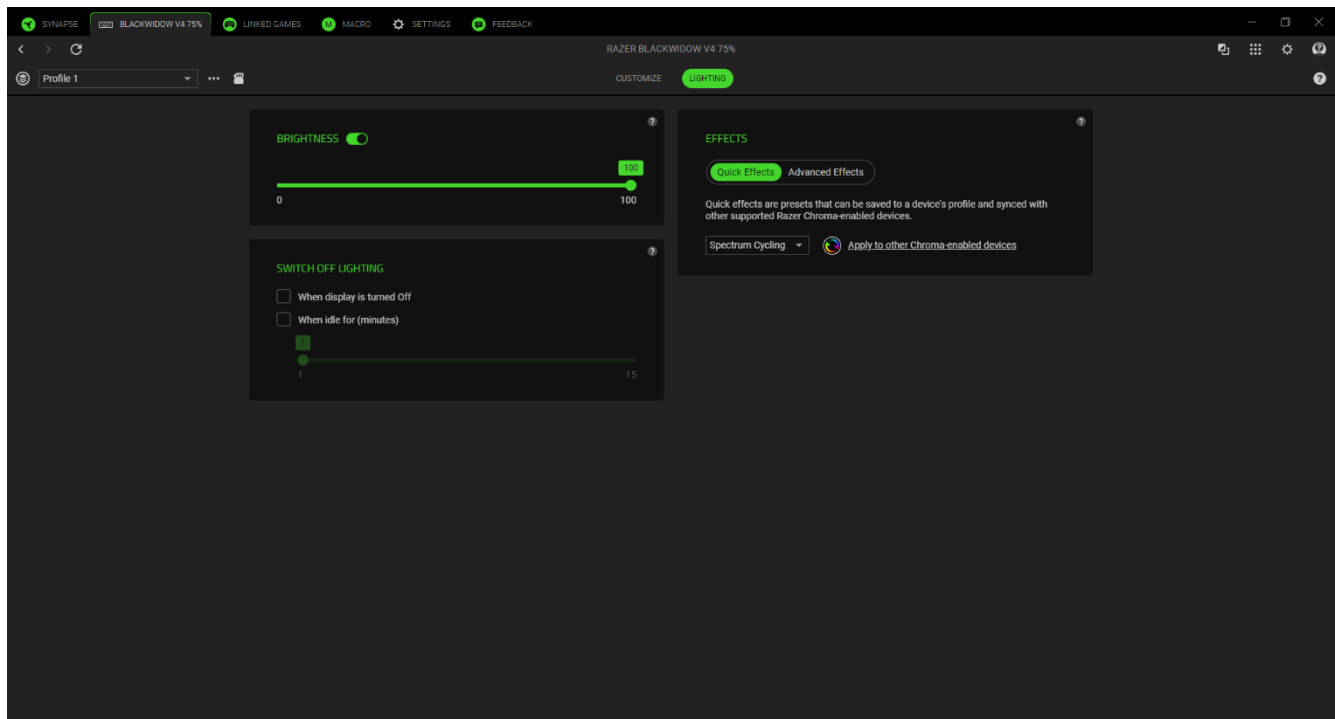
Text Function enables you to type a prewritten text with a touch of a key. Simply write your desired text on the given field, and your text will be typed whenever the assigned key is pressed. This function has full Unicode support, and you can also insert special symbols from character maps.

## ⊘ Disable

This option renders the assigned key unusable. Use Disable if you do not want to use the selected key or if it interferes with your gaming.

## Lighting

The Lighting subtab enables you to modify your Razer device's light settings.



### Brightness



You can turn off your Razer device's lighting by toggling the Brightness option or increase/decrease the luminance using the slider.

### Switch Off Lighting


This is a power saving tool which allows you to disable your device's lighting in response to your system's display turning off and/or automatically power down when your Razer keyboard has been idle for a set amount of time.

### Quick Effects

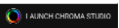
A number of quick effects can be selected and applied to your device's lighting, as listed here:

	Name	Description	How to set up
	Ambient awareness	The lighting on the keyboard will reflect the averaged color on the selected screen region	Select or customize a screen region
	Audio meter	The keyboard will light up according to the audio level with a default spectrum of colors	Select a Color Boost level

	Breathing	The keyboard fades in and out of the selected color(s)	Select up to 2 colors or randomize colors
	Fire	The keyboard lights up in warm colors to mimic the motion of flames	No further customization required
	Reactive	The LEDs will light up when a key is pressed. The light will fade off after a specified period of time	Select a color and a duration
	Ripple	On key press, light will ripple away from the pressed key	Select a color
	Spectrum cycling	The lighting will cycle between 16.8 million colors indefinitely	No further customization required
	Starlight	Each LED will have a chance of fading in and out at a random time and duration	Select up to 2 colors or randomize colors and select a duration
	Static	The LEDs will remain lit in the selected color	Select a color
	Wave	The lighting will scroll in the direction selected	Select either left-to-right or right-to-left wave direction
	Wheel	The keyboard lighting will rotate in the direction selected with a default spectrum of colors	Select either counter-clockwise or clockwise wheel direction

If you have other supported Razer Chroma-enabled devices, you can synchronize their quick effects with your Razer device by clicking the Chroma Sync button (  ).

### Advanced Effects

The Advanced Effects option allows you to choose a Chroma Effect Profile you want to use on your Razer Chroma-enabled peripheral. To start making your own Chroma Effect Profile, press the Launch Chroma Studio button (  ).

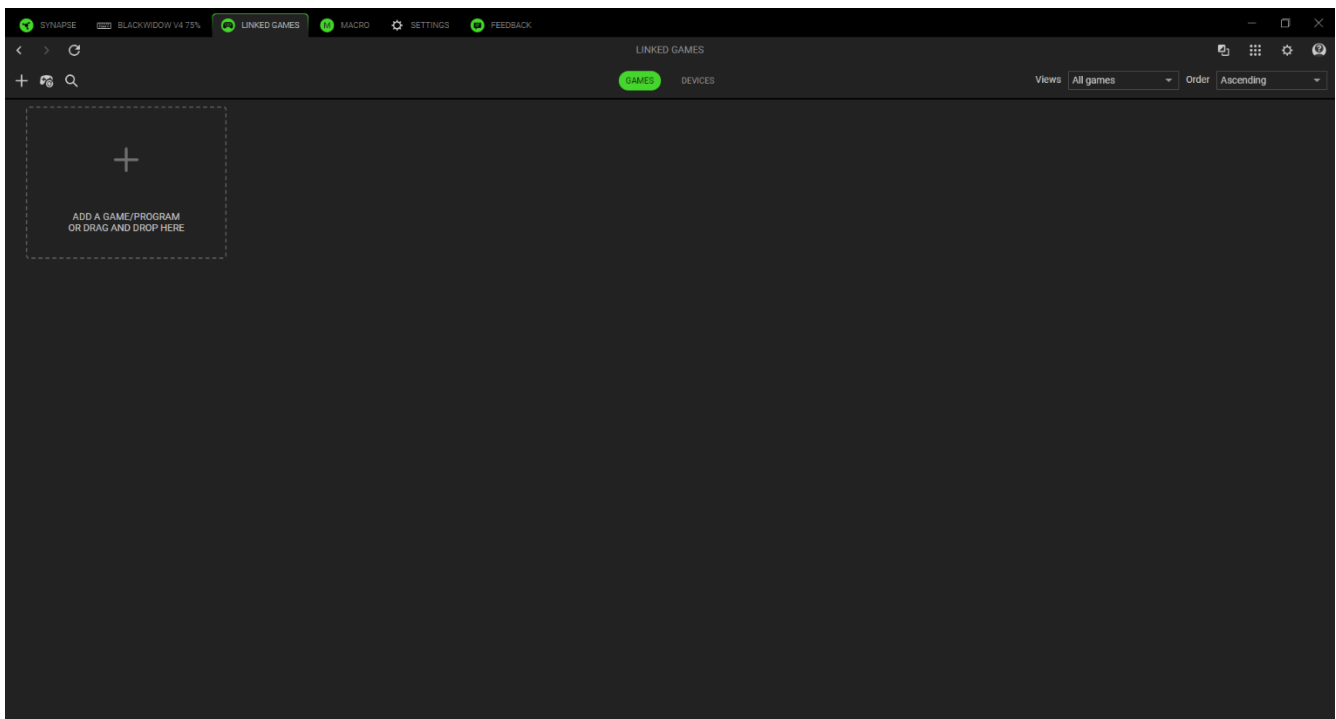
 Only other Razer devices that support the selected lighting effect will synchronize.

## LINKED GAMES

The Linked Games tab allows you to add apps, view peripherals linked to apps, or search for listed apps.

### Games

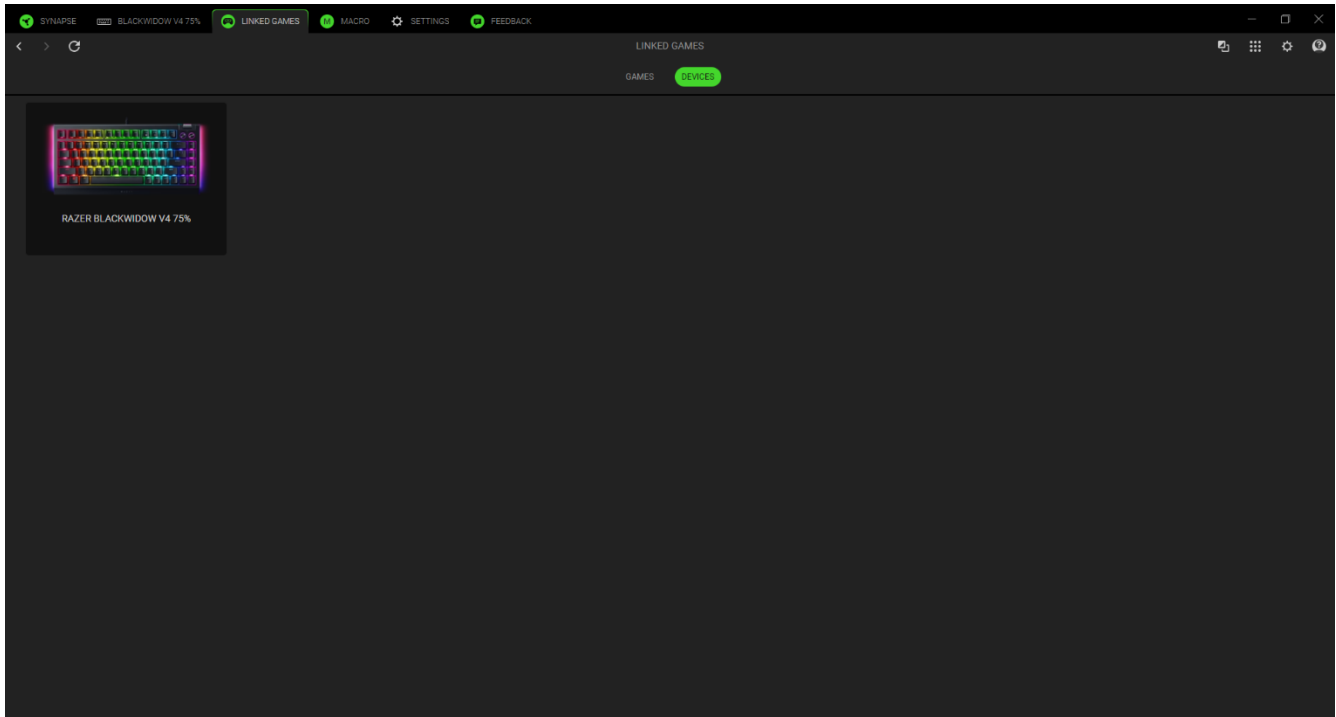
The Games subtab enables you to link apps to your peripherals. You can also sort apps based on alphabetical order, last played, or most played. Apps will still be listed here, even if not linked to a Razer device. To add an app that is not listed on the screen, you can use the Add button (+) to search for it manually or use the Scan button (🔍) to search for it automatically. Click the Search button (🔍) to look for a specific game or program from the list.



To link an app to your Razer device, click on it from the list and select a device and its profile. This will automatically set your device to the selected profile whenever you launch the app.

## Devices

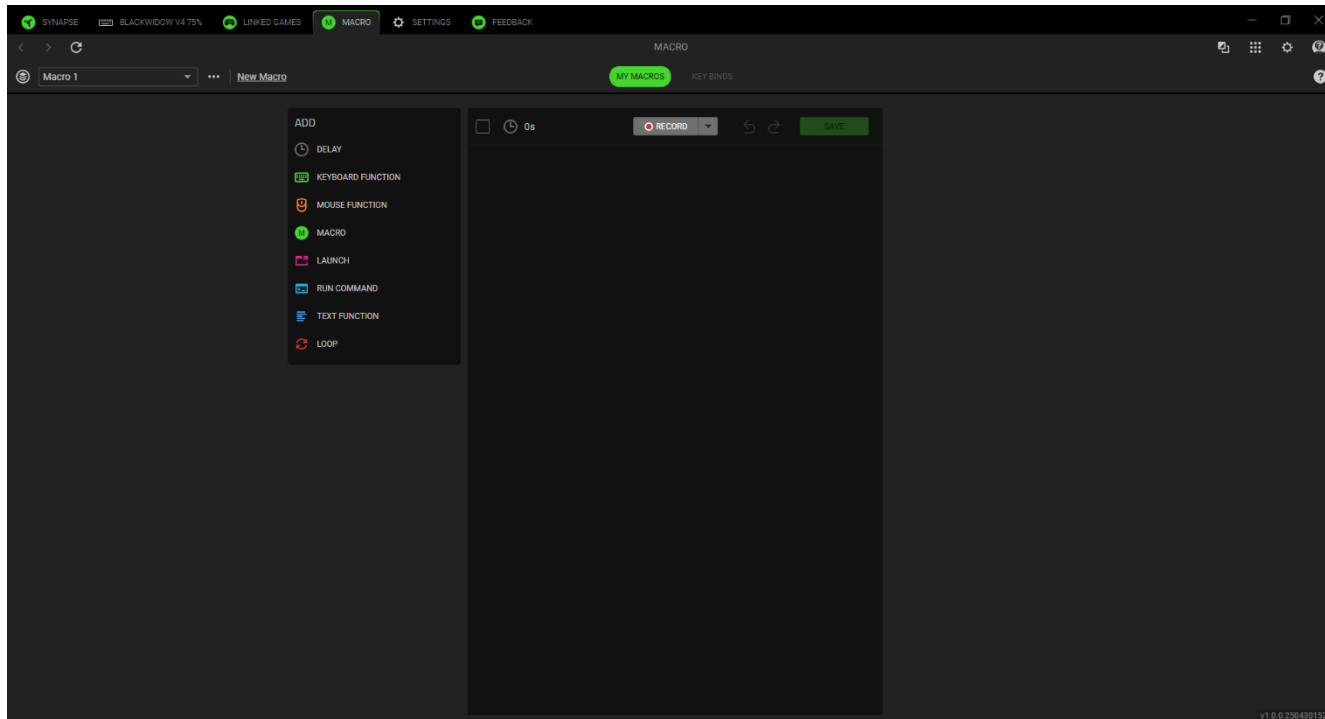
The Devices subtab lets you view your peripherals and determine which apps are linked to them. By selecting a device, you can see a list of linked apps, add new apps, or remove linked apps. You can filter these apps by using the Views and Order dropdown list. To add an app not listed on your peripheral, you can drag and drop the executable file inside the box or use the Add button ( + ) to open the search window. While inside the search window, you can click the Refresh button ( ↻ ) to rescan installed apps, the Search button ( 🔍 ) to look for a specific game or program from the list, or the Browse link to search for the app manually.



To link an app to your Razer device, click the tick box at the top left corner of the app while inside the search box. This will automatically set your device to the selected profile whenever you launch the app.

## MACRO

If you need to execute a series of complex commands accurately, you need a macro. A macro is a set of recorded keystrokes, button presses, and cursor movements. that you can bind to your device and execute at any time.



### My Macros

The My Macros subtab allows you to create, edit, and organize these macros to assign them to your Razer device's keys or buttons. Use the following buttons below to access your macro options:

Macro Dropdown Bar



Clicking this dropdown bar will display all the macros for this device. From here, you can search for a specific macro, sort your macros, create a new folder, and create a new macro. Selecting a macro will enable miscellaneous options such as renaming, duplicating, or deleting the macro.

... Miscellaneous

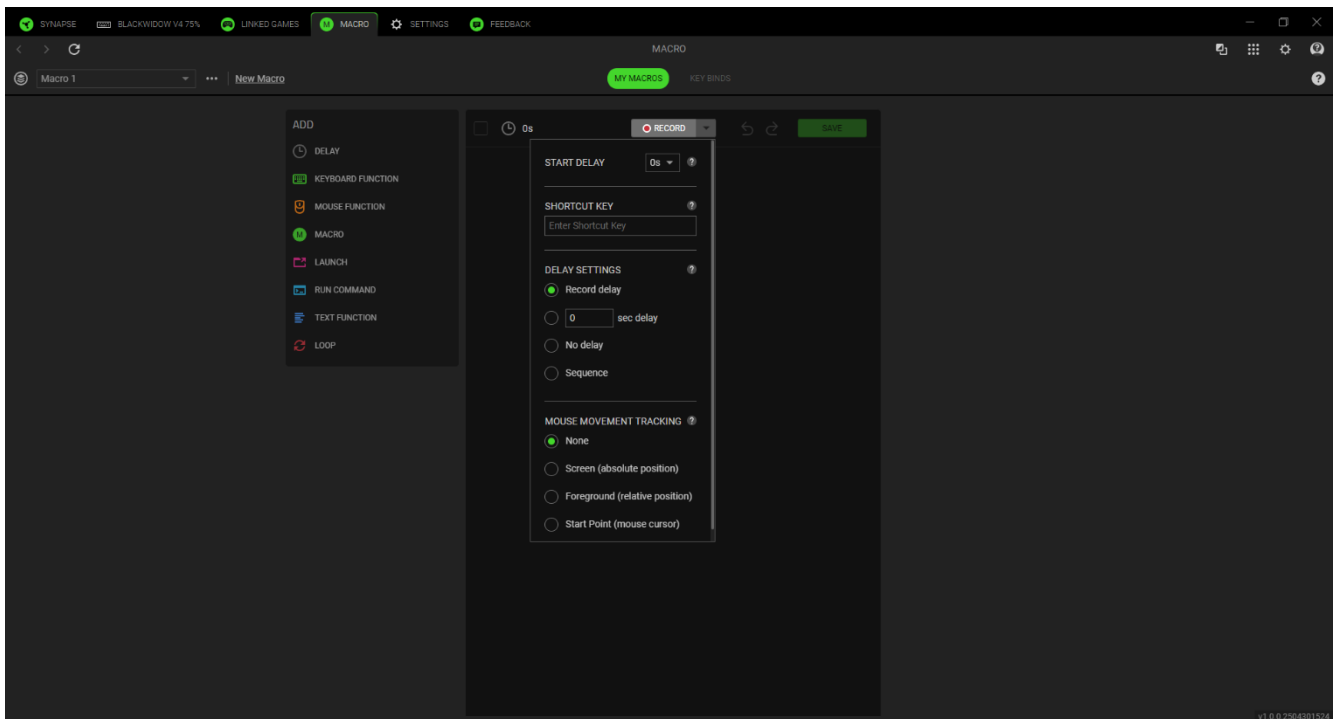
Clicking this button will open a pop-up with options related to your current macro.


New Macro

Use this link to create and select the new macro quickly.

Once you have a macro, you can record keystrokes, button presses, and cursor movements. by clicking the Record button (  ) or you can customize the macro by clicking the dropdown menu button (  ) before you start recording with the following options below:

- **Start Delay.** Set a short delay between 1 and 5 seconds before the recording starts.
- **Shortcut Key.** Assign a shortcut key to start a macro recording even when Razer Synapse is in the background.
- **Delay Settings.** Set the amount of time between each command.
- **Mouse Movement Tracking.** Enable mouse movement recording and set conditions for how it is recorded.

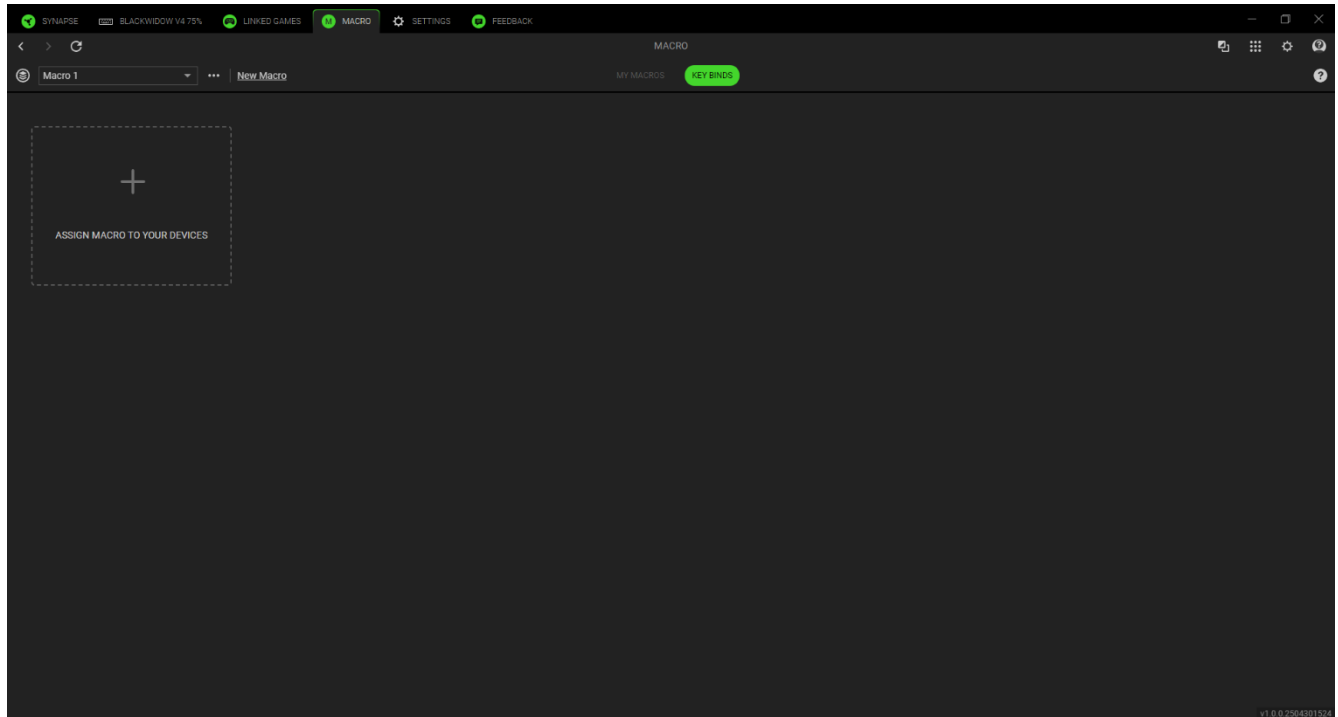


After recording your macro commands, click the Stop button (  ) or press the Shortcut key to end the session. Once you have recorded a macro, you may edit the commands you have entered by selecting each command on the macro screen. Each keystroke or button press is arranged sequentially, with the first command at the top of the screen.

The Insert menu on the left side of the screen allows you to add delays, input keystrokes and button presses, insert an entire macro group within the macro, launch apps, run commands, type texts, and loop a set of commands within the macro.

## Key Binds

The Key Binds subtab allows you to view the Shortcut Keys for the selected macro. You can bind a macro to the key or button of your choice without leaving the Macro tab by clicking the Assign Macro To Your Devices button (+).

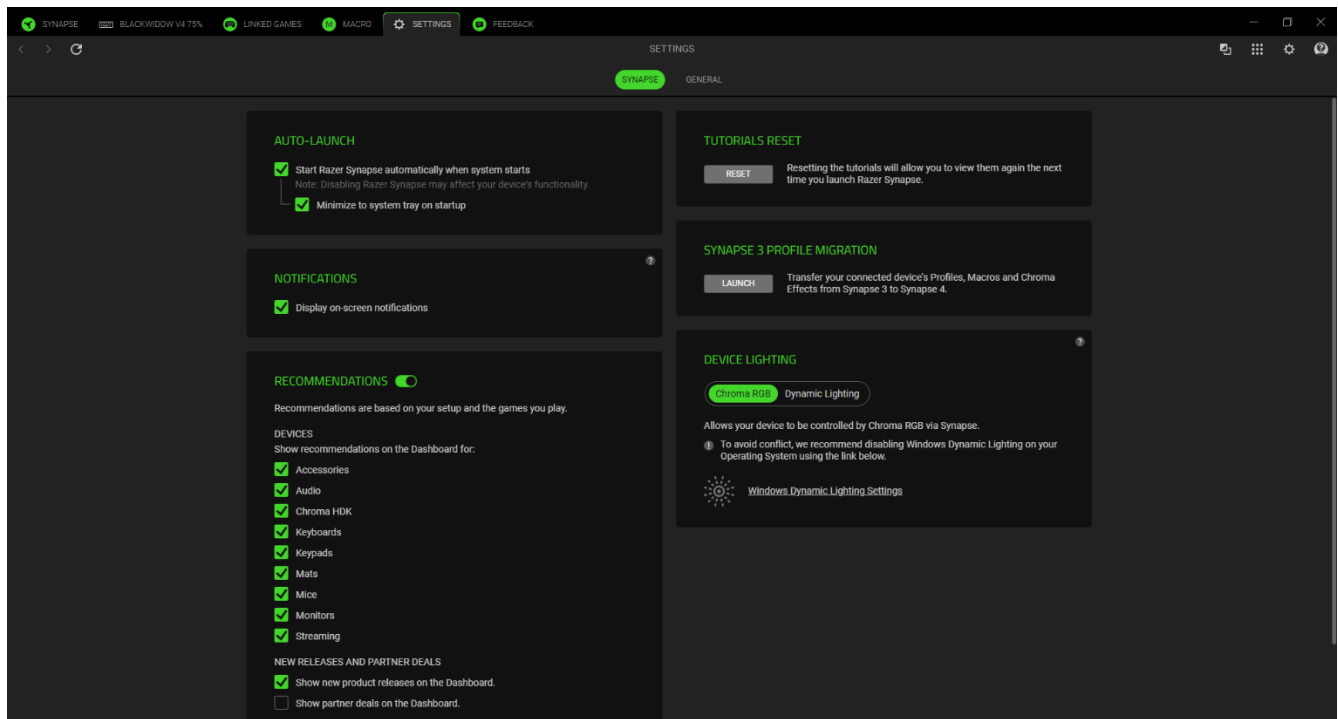


## SETTINGS

The Settings tab, accessible by clicking the Settings button (⚙️), enables you to configure numerous options as listed below:

### Synapse

The Synapse subtab is where you can find options that are specific to the app.



### Auto Launch

The Auto Launch option allows you to configure the startup behavior the app.

### Notifications

The Notifications option allows the app to display on-screen notifications even if you run full-screen apps.

### Recommendations

Recommendations enable us to show the latest products and features on your Dashboard based on your installed devices and linked games.

### Tutorials Reset

Selecting the Reset button will reactivate all tutorials that help you acquaint yourself with Razer Synapse's features.

## Synapse 3 Profile Migration

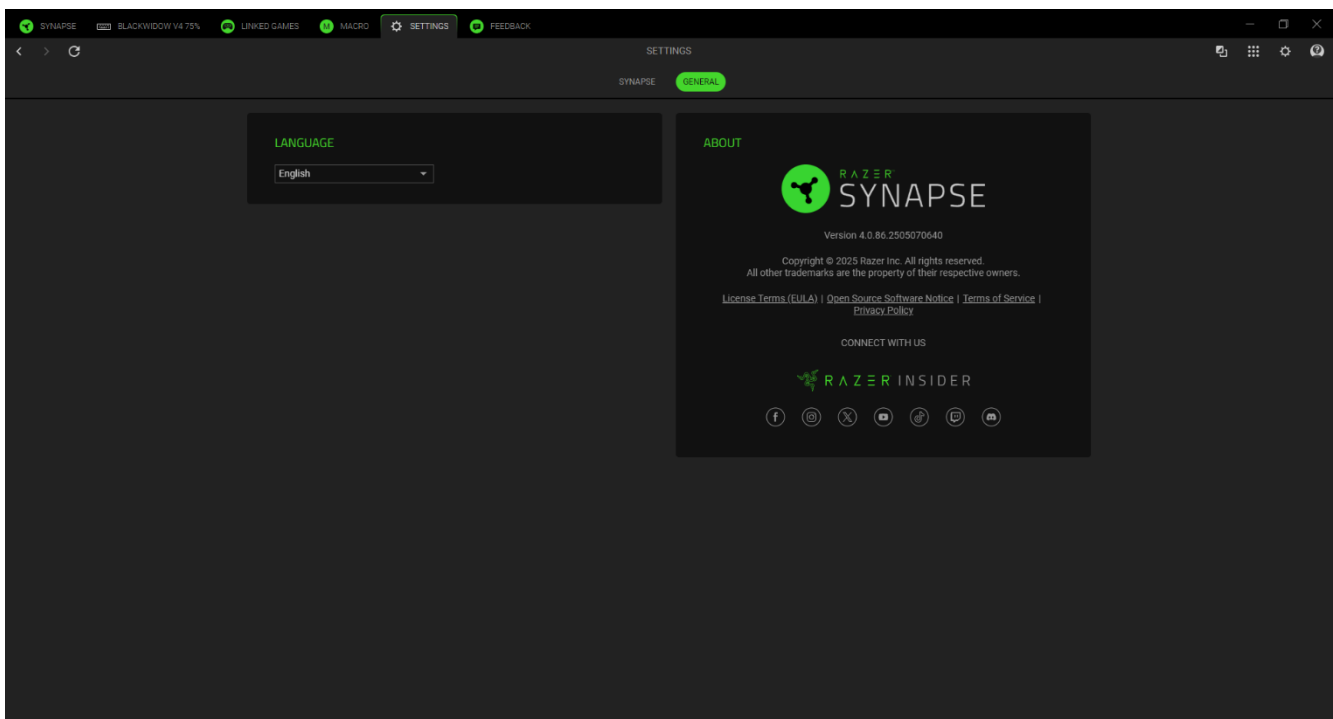
This function lets you transfer all your device's Profiles, Macros, and Chroma Effects from Synapse 3 to the new Synapse.

## Device Lighting

This option lets you choose which app will control the lighting effects on your device.

## General

The General subtab is the section where you can access miscellaneous options for your app, as well as find additional information about the software.



## Language

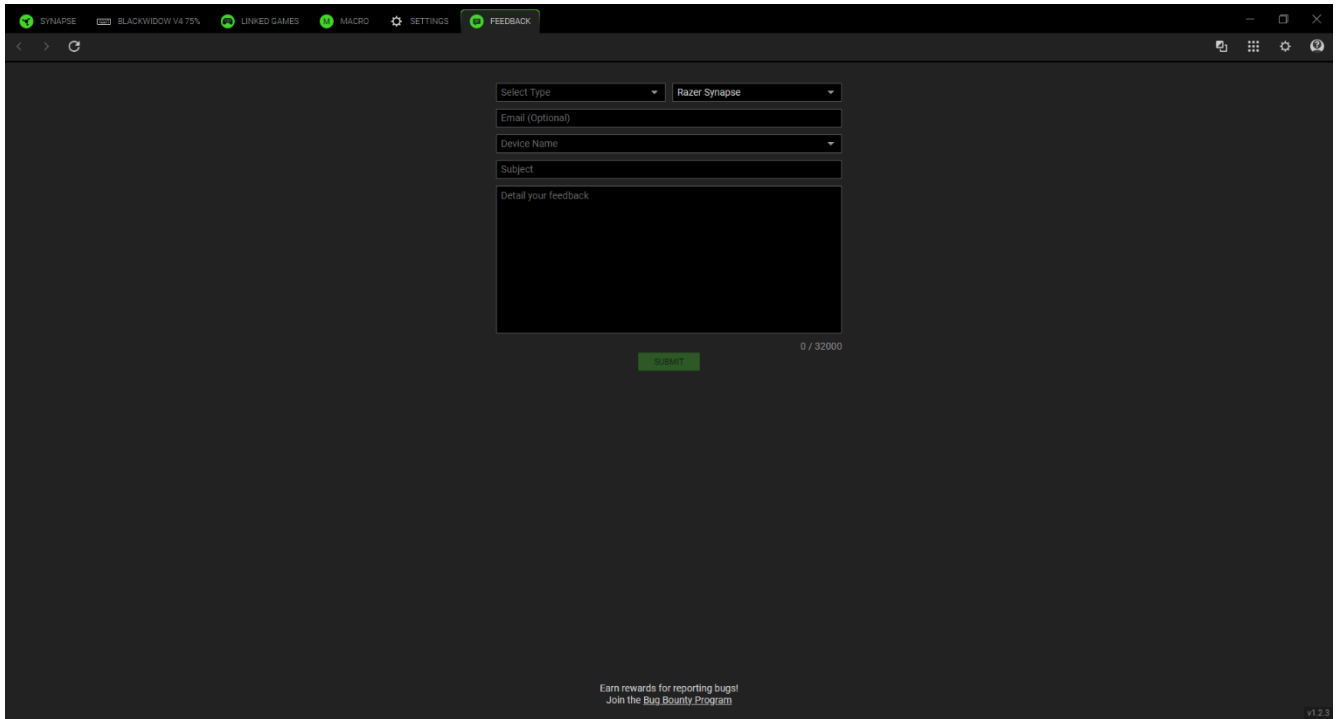
This option lets you change the display language of Razer Synapse.

## About

The About section shows the current software version, displays the copyright statement, and provides relevant links for Razer's terms of use. You may also use this option to access Razer's social communities quickly.

# FEEDBACK

Help us improve Razer Synapse by giving your comments, suggestions, and problems with the software. You can contact us directly using this tab and even earn rewards for reporting bugs.



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## 8. SAFETY AND MAINTENANCE

### SAFETY GUIDELINES

To achieve maximum safety while using your Razer BlackWidow V4 75% Barebones, we suggest that you adopt the following guidelines:

Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact the Razer hotline or go to [support.razer.com](https://support.razer.com) for support.

Don't take apart the device, and do not attempt to operate it under abnormal current loads. Doing so will void your warranty.

Keep the keyboard and all its parts and accessories out of the reach of small children to avoid accidents and/or injuries.

It is recommended to dry your hands and wear antistatic devices such as antistatic/ESD bands or gloves when customizing your keyboard to prevent electrical shocks.

Always unplug the keyboard before swapping key switches.

Do not leave the PCB exposed; keep it covered with a key switch.

Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and/or switch off the device to let the temperature stabilize to an optimal level.

### COMFORT

Research has shown that long periods of repetitive motion, improper positioning of your computer peripherals, incorrect body position, and poor habits may be associated with physical discomfort and injury to nerves, tendons, and muscles. Below are some guidelines to avoid injury and ensure optimum comfort while using your Razer BlackWidow V4 75% Barebones.

1. Position your keyboard and monitor directly in front of you with your mouse next to it. Place your elbows next to your side, not too far away, and your keyboard within easy reach.
2. Adjust the height of your chair and table so that the keyboard and mouse are at or below elbow height.
3. Keep your feet well supported, posture straight, and your shoulders relaxed.
4. During gameplay, relax your wrist and keep it straight. If you do the same tasks with your hands repeatedly, try not to bend, extend or twist your hands for long periods.
5. Don't rest your wrists on hard surfaces for long periods.

6. Use a wrist rest to support your wrist while gaming.
7. Customize the keys on your keyboard to suit your gaming style and minimize repetitive or awkward motions.
8. Don't sit in the same position all day. Get up, step away from your desk, and do exercises to stretch your arms, shoulders, neck, and legs.

If you should experience any physical discomfort while using your keyboard, such as pain, numbness, or tingling in your hands, wrists, elbows, shoulders, neck or back, please consult a qualified medical doctor immediately.

## **MAINTENANCE AND USE**

The Razer BlackWidow V4 75% Barebones requires minimum maintenance to keep it in optimum condition. Once a month, we recommend you unplug and switch off the device from the computer and clean it using a soft cloth or cotton swab to prevent dirt buildup. Don't use soap or harsh cleaning agents.

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## 9. LEGALESE

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For the latest and current terms of the Limited Product Warranty, please visit [razer.com/warranty](https://razer.com/warranty).

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