RAZER SYNAPSE 3 FOR KEYBOARDS

MASTER GUIDE

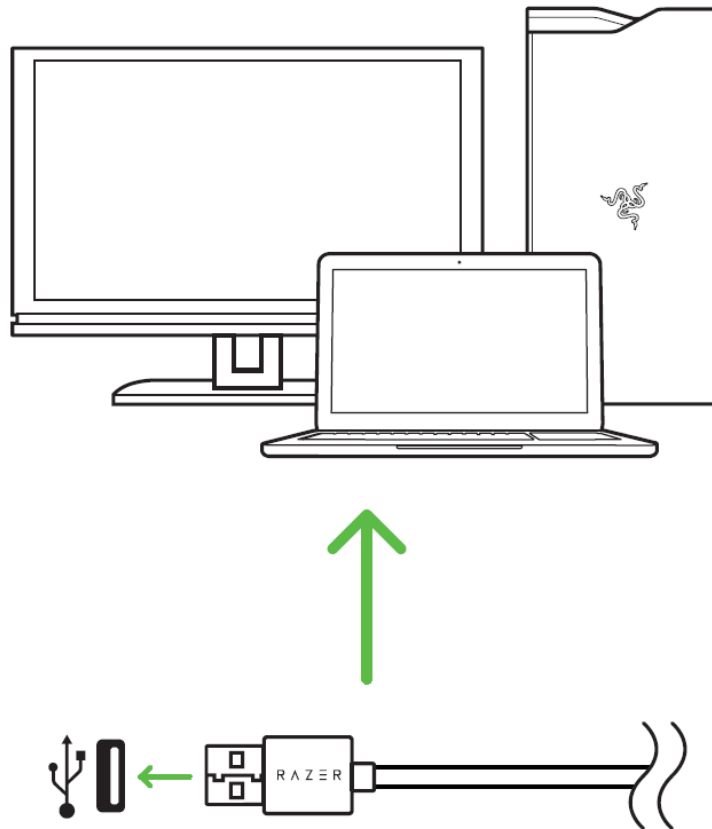# CONTENTS

1. RAZER SYNAPSE 3 SYSTEM REQUIREMENTS

SYSTEM REQUIREMENTS

- PC with a free USB port
- Windows® 7 64-bit (or higher)
- Internet connection
- 500 MB of free hard disk space

2. INSTALLING RAZER SYNAPSE 3 FOR YOUR RAZER KEYBOARD

Step 1: Connect your Razer device to the USB port of your computer.

Step 2: Install Razer Synapse 3 when prompted* or download the installer from razer.com/synapse3.

Step 3: Register for a Razer ID or log in with an existing account.

*Applicable for Windows 8 or later.

3. USING YOUR RAZER KEYBOARD

Pressing the "FN" key in combination with the function keys will activate their secondary features on your PC.

| Function Keys	Features Description
	The audio volume controls allow you to mute (◀✕), decrease (◀)) and increase (◀)))) the audio output.
	The media keys allow you to play/pause (▶❚❚) a track or skip tracks backward (❙◀◀) and forward (▶▶❙).
	The backlight control keys allow you to decrease ( ) or increase ( ) the brightness of your keyboard's LEDs.
	The sleep key allows you to suspend all operating system activities. This function allows you to save electricity while the computer is idle.

ON-THE-FLY MACRO RECORDING (PC)

Follow these steps to create an OTF Macro Recording:

1. Press the key combination to start recording.
2. The Macro Recording Indicator will light up to show that the device is ready to record.
3. Type in the keys you want to record.
4. Press the key combination to stop the recording or the ESC key to cancel recording. The Macro Recording Indicator will start blinking to show that the device has stopped recording and is ready to save the macro.
5. Press the desired key where you want to save your macro.

GAMING MODE (PC)
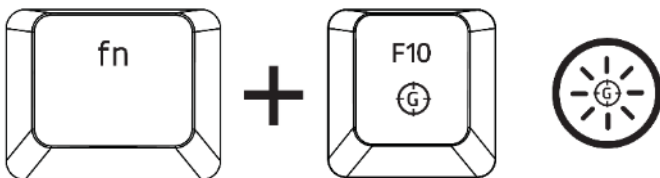
The Gaming Mode disables the Windows Key function to avoid accidental usage. Furthermore, you can maximize the effect of Anti-Ghosting by activating the Gaming Mode function. You can also choose to disable the Alt + Tab and Alt + F4 functions by changing the Gaming Mode settings in Razer Synapse 3. An indicator will light up when Gaming Mode is active.

# 4. CONFIGURING YOUR RAZER KEYBOARD VIA RAZER SYNAPSE 3

ℹ️ Disclaimer: The features listed here require you to sign in to Razer Synapse 3. These features are also subject to change based on the current software version and your Operating System. In addition, images shown here are for reference only and may differ from the actual device.

SYNAPSE TAB

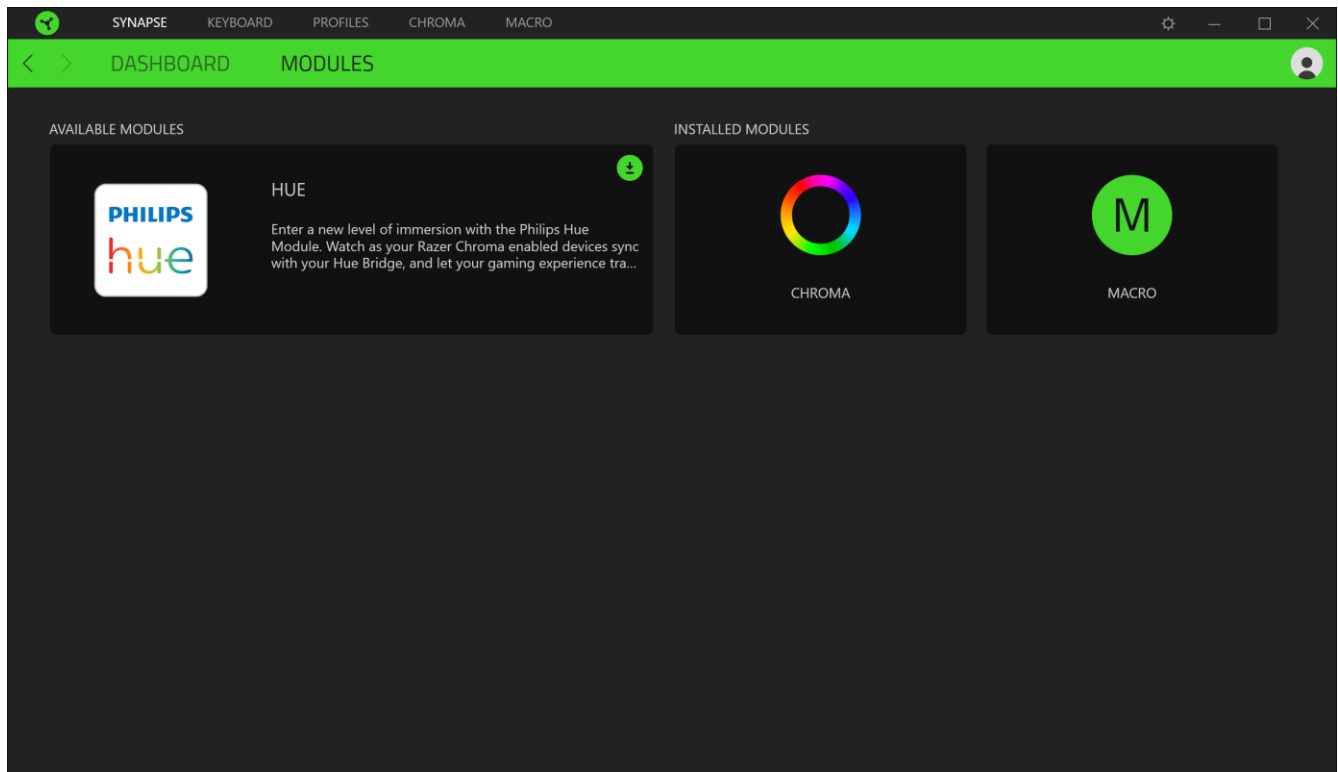The Synapse tab is your default tab when you first launch Razer Synapse 3.

Dashboard
The Dashboard subtab is an overview of your Razer Synapse 3 where you can access all your Razer devices, modules, and online services.
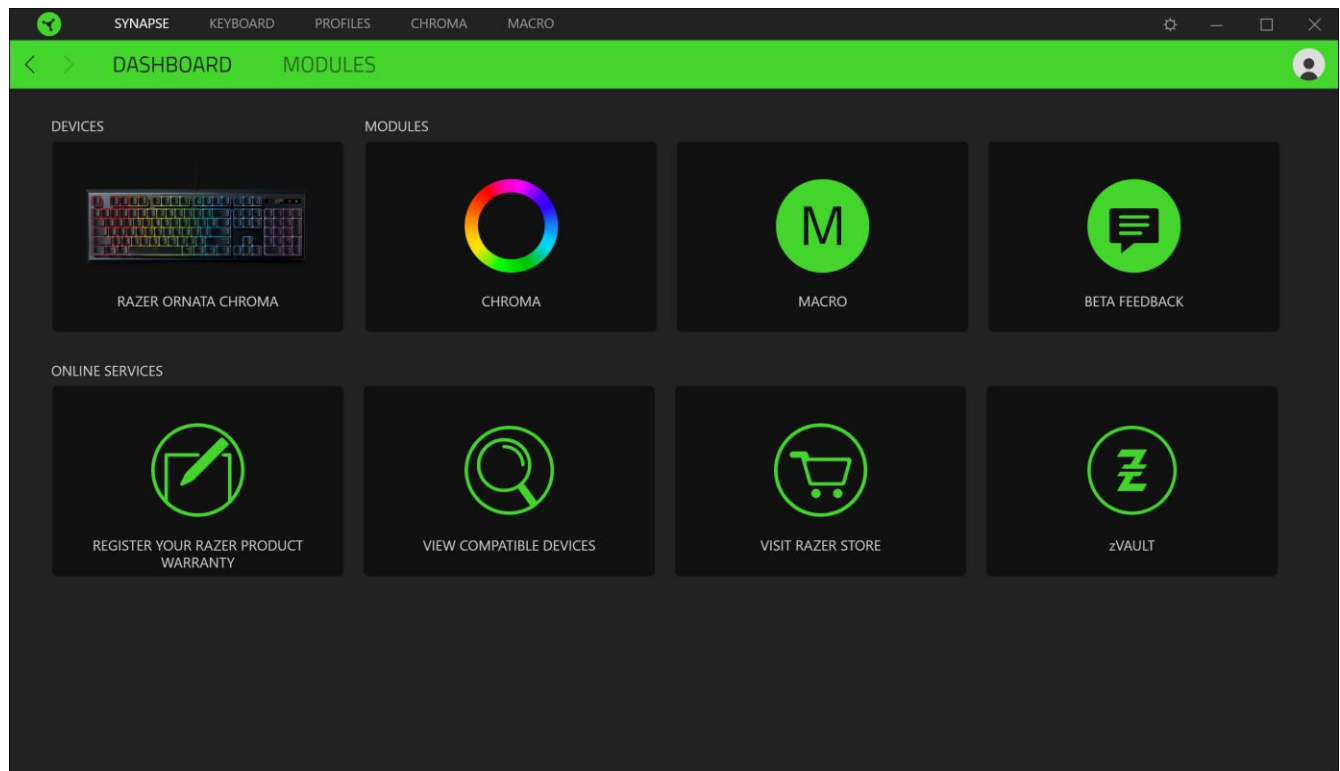
Modules

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

KEYBOARD

The Keyboard tab is the main tab for your Razer keyboards. From here, you can change your device settings such as key assignments, gaming mode settings, and lighting. Changes made under this tab are automatically saved to your system and cloud storage.

Customize

The Customize subtab is for modifying **your keyboard's key assignments** and gaming mode settings.
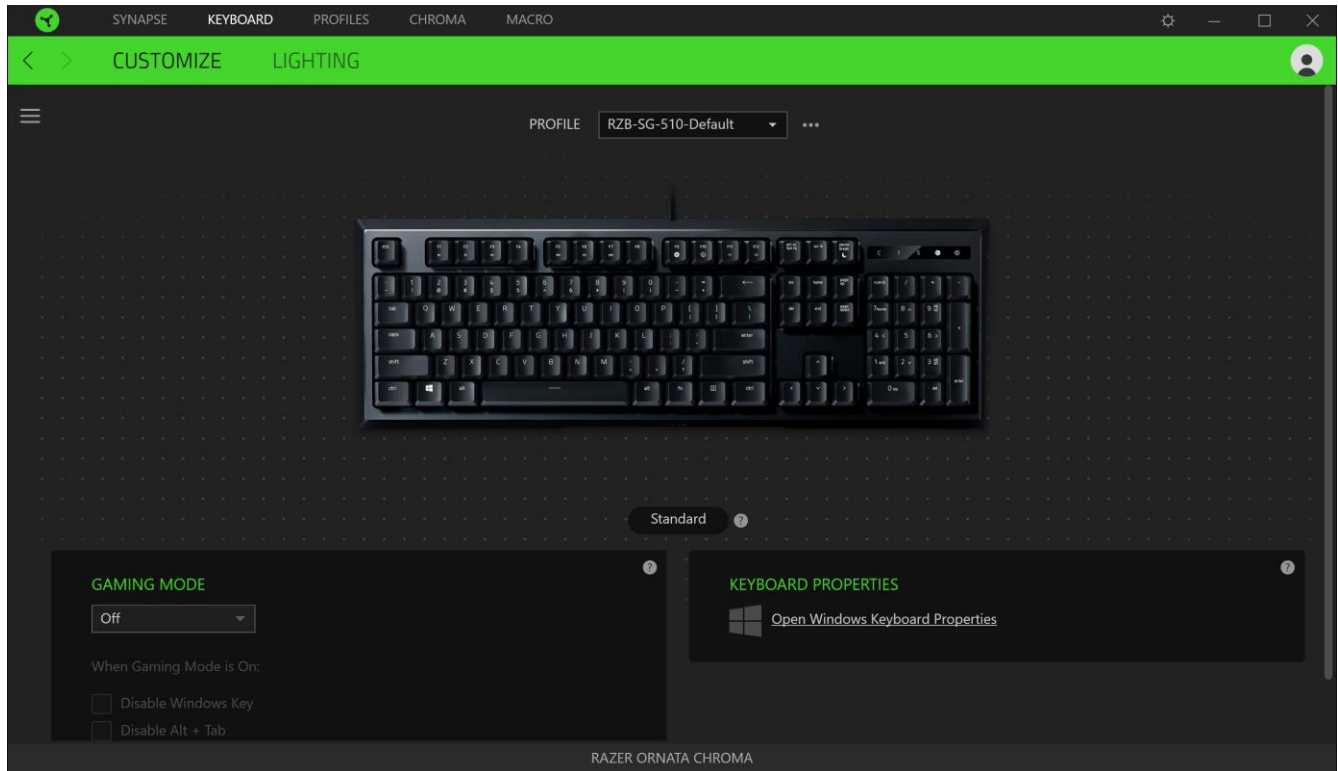
Profile

A Profile is a data storage for keeping all your **Razer peripheral's settings.** By default, the profile name is based on your system's name. To add, rename, duplicate, or delete a profile, simply 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 3 supported keyboard however, you can also assign any key as a Hypershift key.
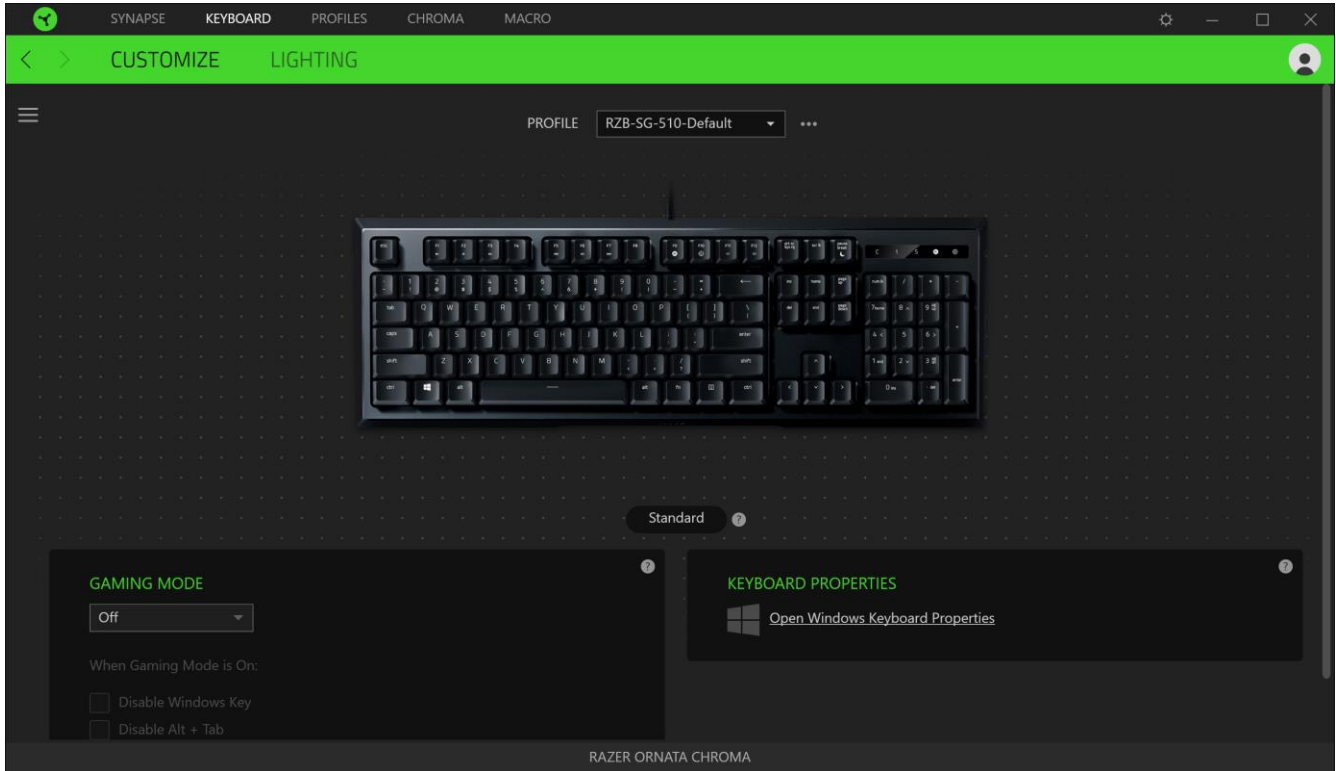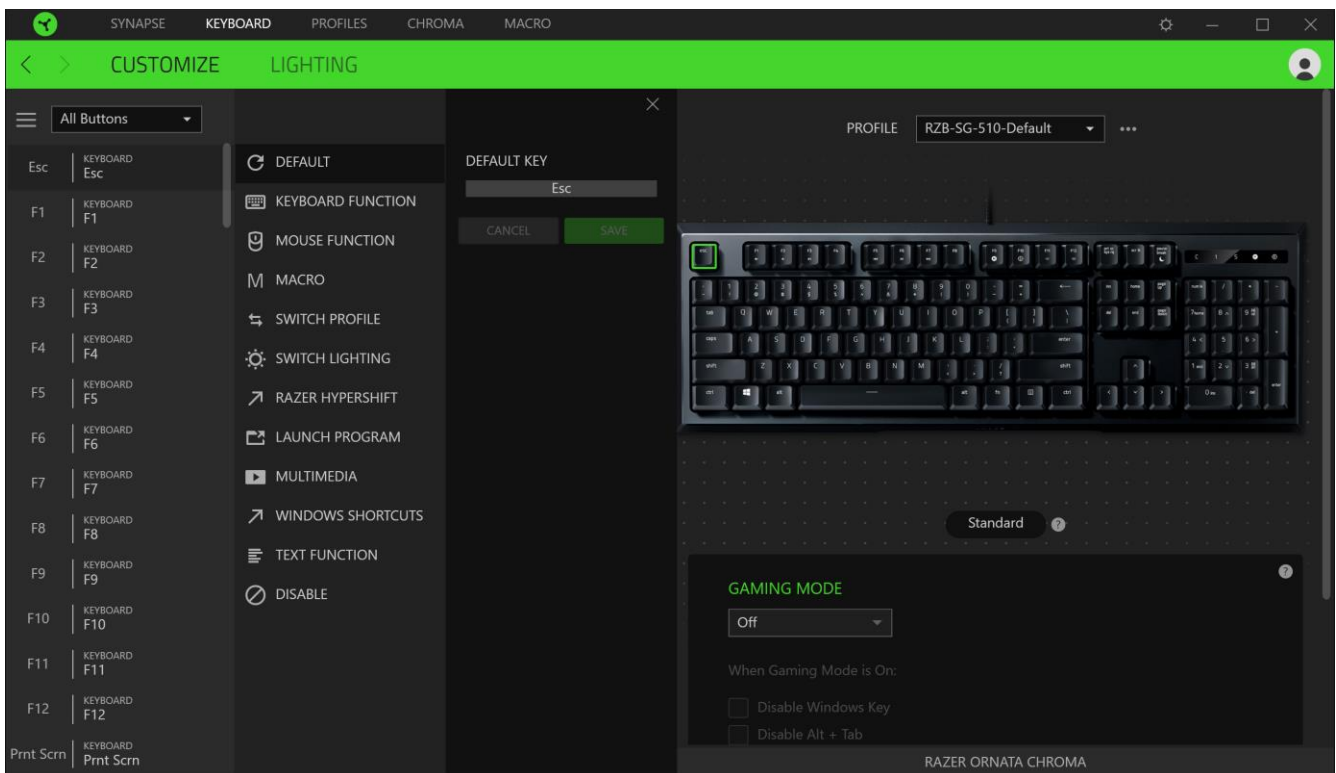
Sidebar

Clicking the Sidebar button (☰) will reveal all current key assignments for your Razer keyboard.
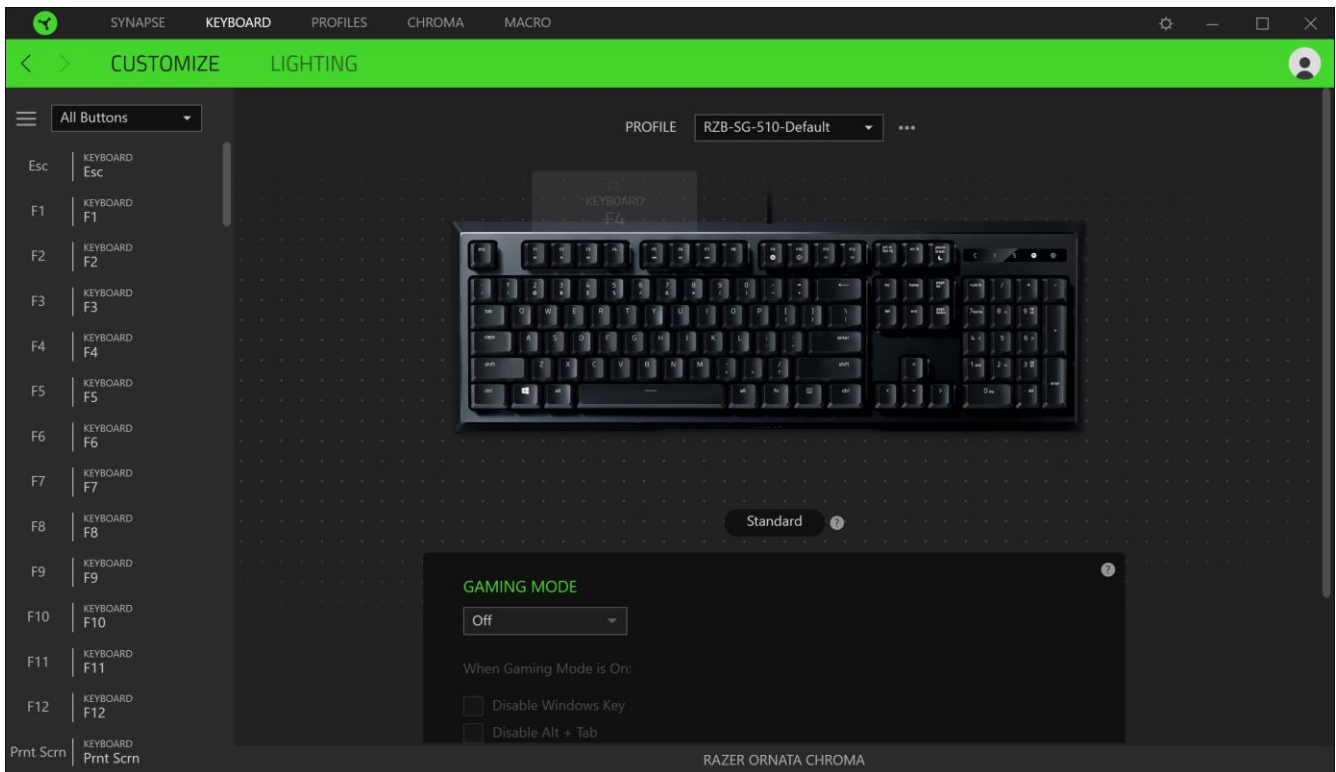
Alternatively, you can skip to a specific key assignment by selecting it on the Customize tab.

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

C 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 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.
- Mouse Button 4 - **Performs a "Backward" command for most internet browsers.**
- Mouse Button 5 - **Performs a "Forward" command for most internet browsers.**
- Scroll Up - **Performs a "Scroll Up" comm**and using the assigned key.
- Scroll Down - **Performs a "Scroll Down" command using the assigned** key.

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.

M 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. Do take note that this function will only be visible if you have installed the Macro module from the Modules tab. Click here to learn more about Macros

⇆ 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 Lighting

Switch Lighting allows you to easily switch between all advanced lighting effects. Do take note that this function will only be visible if you have installed the Chroma module from the Modules tab. Click here to learn more about Advanced Chroma Effects

↗ Razer Hypershift

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

⬈ Launch Program

Launch Program enables you to open an app or a website using the assigned key. When you select Launch Program, two choices will appear which requires you to search for a specific app you want to open, or write the address of the website 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 playback of the current media.
- 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: http://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.

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.

Lighting

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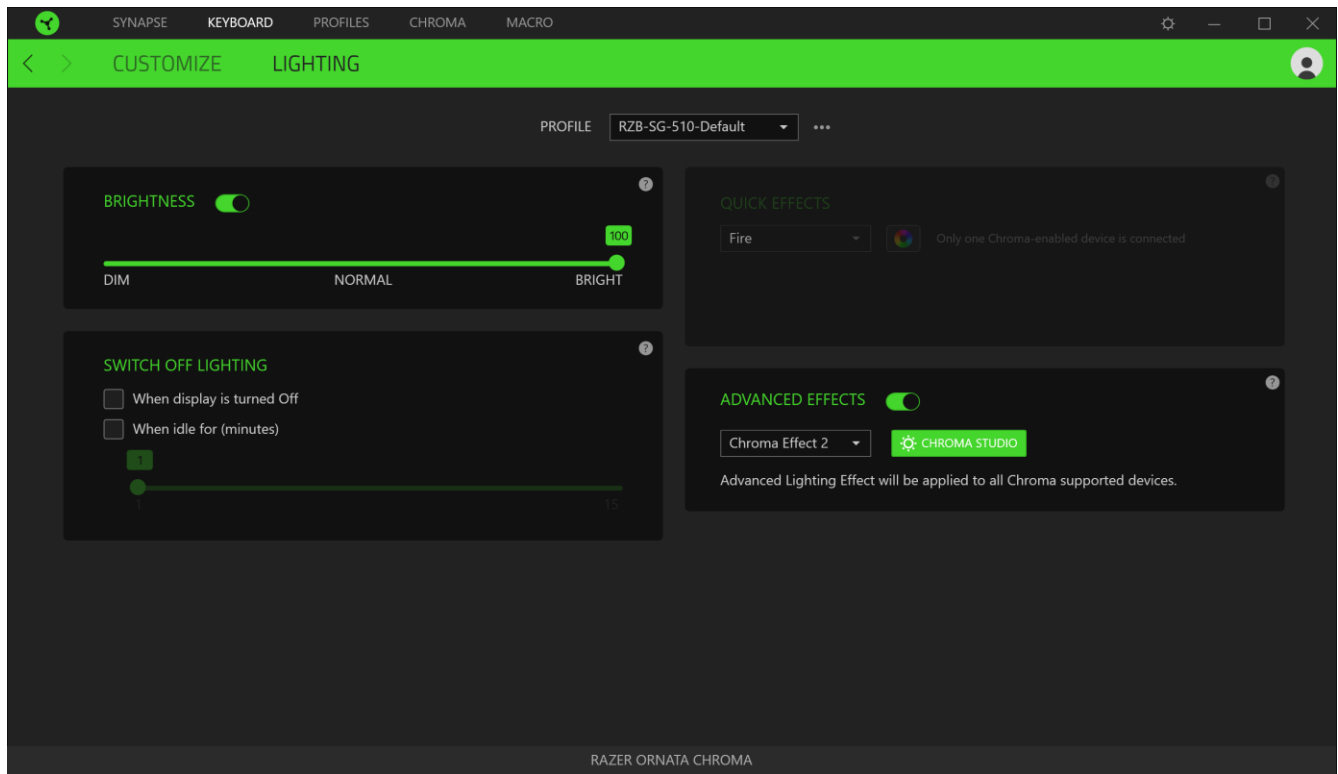
Brightness

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:

ℹ️ Note: Available lighting effects may vary. LED indicators are not customizable.

	Name	Description	How to set up
	Breathing	The lighting fades in and out of the selected color(s)	Select up to 2 colors or randomize colors

	Fire	Each key 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 key 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

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
With the Chroma Studio module installed, the Advanced Effects option allows you to choose a Chroma Effect you want to use on your Razer Chroma-enabled peripheral. To start making your own Chroma Effect, simply press the Chroma Studio button ( ). Click here to learn more about the Chroma Studio

PROFILES TAB

The Profiles tab is a convenient way of managing all your profiles and linking them to your games and applications.
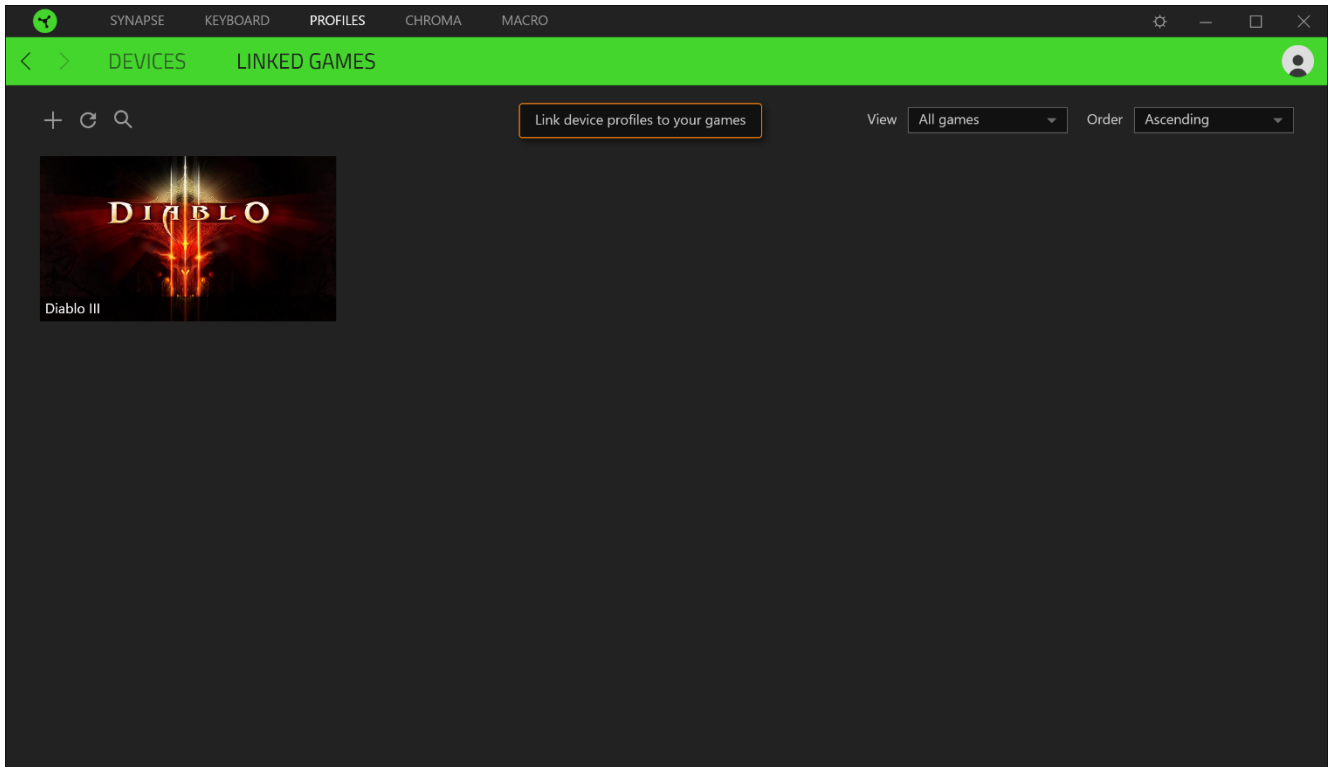
Devices
View which Razer device is using a specific profile or which Chroma Effect is linked to specific games using the Devices subtab.
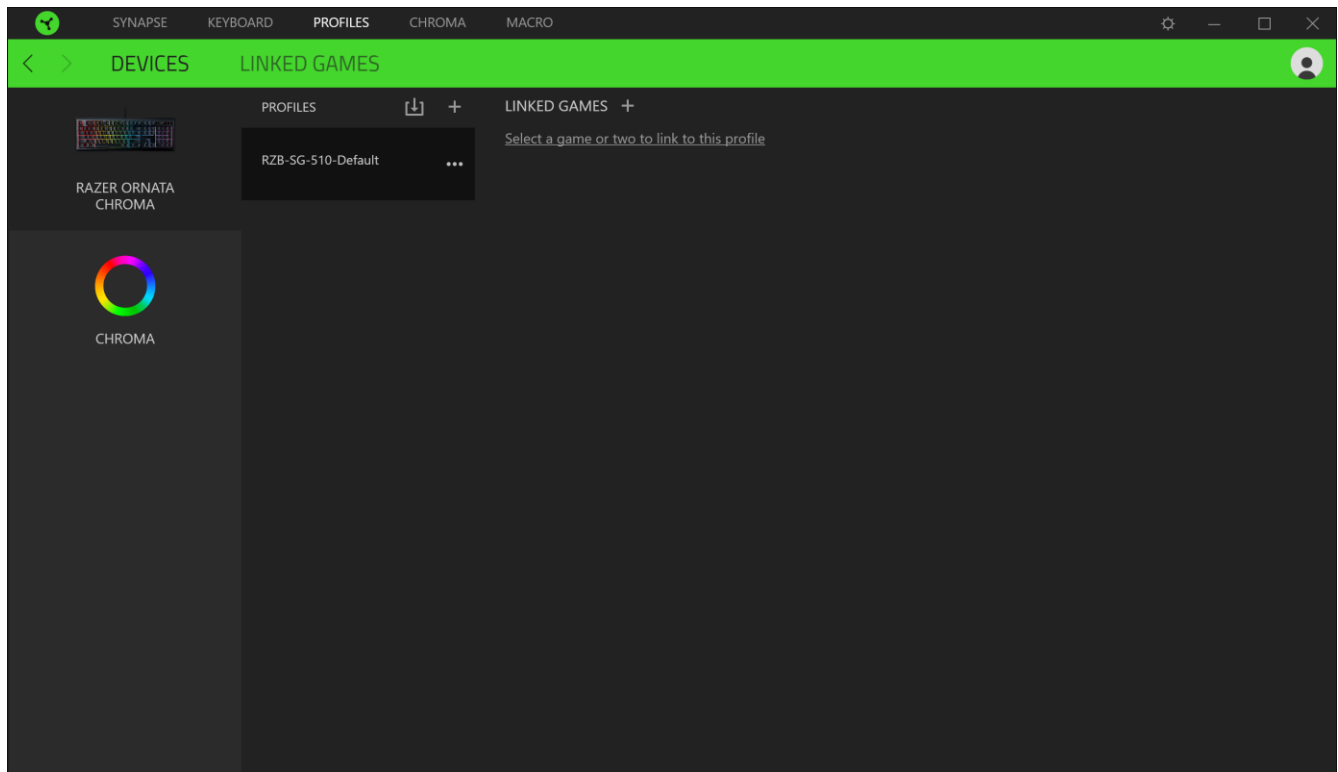
You can import Profiles / Chroma Effects from your computer or from the cloud through the import button (![icon]), or create new profiles within the selected device or new Chroma Effects for specific games using the add button (![icon]). To rename, duplicate, export, or delete a profile, simply press the Miscellaneous button (•••). Each profile and/or Chroma Effect can be set to automatically activate when you run an application using the Link Games option.

Linked Games

The Linked Games subtab gives you the flexibility to add games, view peripherals that are linked to games, or search for added games. You can also sort games based on alphabetical order, last played, or most played. Added games will still be listed here even if it is not linked to a Razer device.
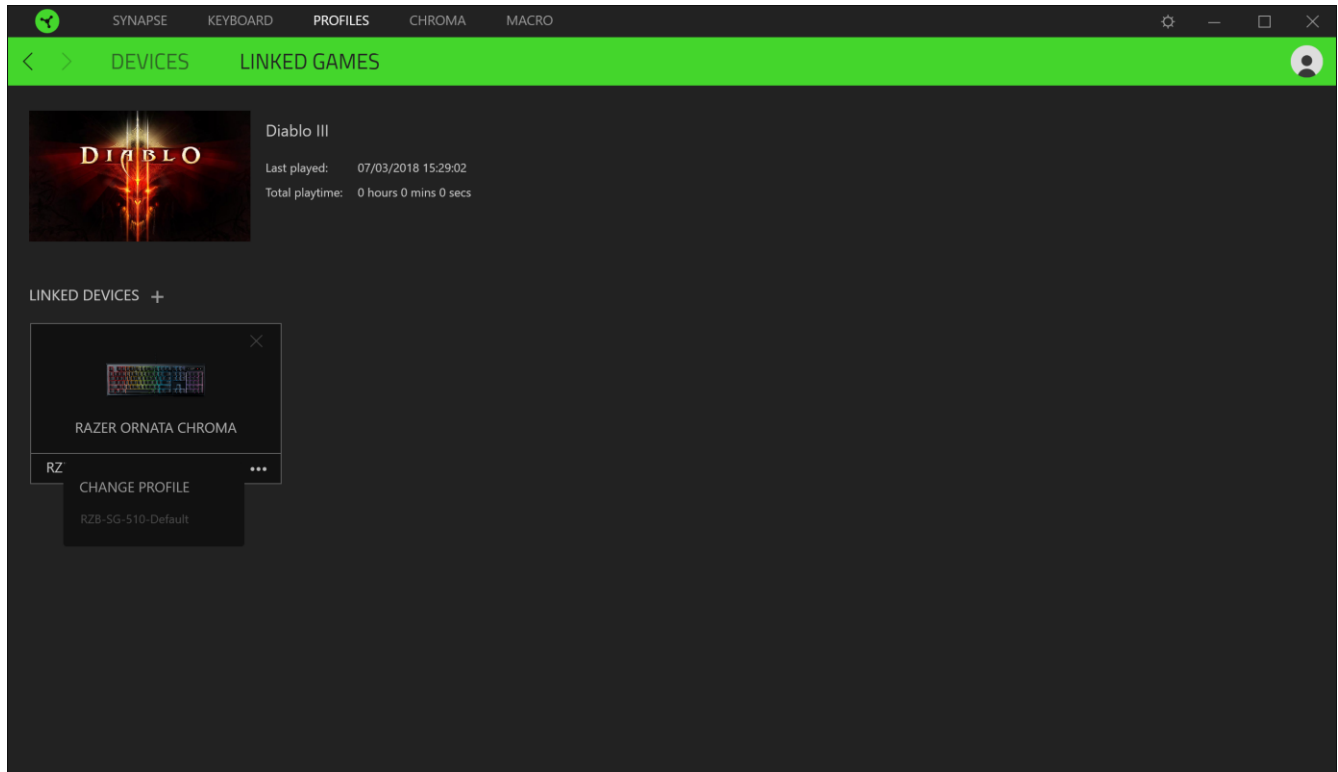
To link games to connected Razer devices, simply click on a game from the list, then click the
`Select a device and its profile to launch automatically during gameplay` button to select the Razer device it will link with.
Once linked, you may click on the Miscellaneous button (•••) of the corresponding linked device to
select the device's desired profile.

CHROMA TAB

Note: The Chroma tab will only be accessible once you have installed the Chroma module from the Modules tab.

The Chroma tab enables you to either create advanced lighting effects through Chroma Studio or enable/disable Chroma integrated apps to all Razer Chroma-enabled devices for a truly immersive lighting and gaming experience.

Studio

The Studio subtab enables you to create and edit your own Chroma Effects which you can apply to all supported Razer Chroma-enabled devices.

You can select your Chroma Effect from the Chroma Effect drop-down list. To add, import or export, rename, duplicate, or delete a Chroma Effect, simply click the Miscellaneous button (•••). To revert the selected layer to its original setting, click the Reset button (⟳). And to apply and save a modified layer, click the Save button (SAVE).
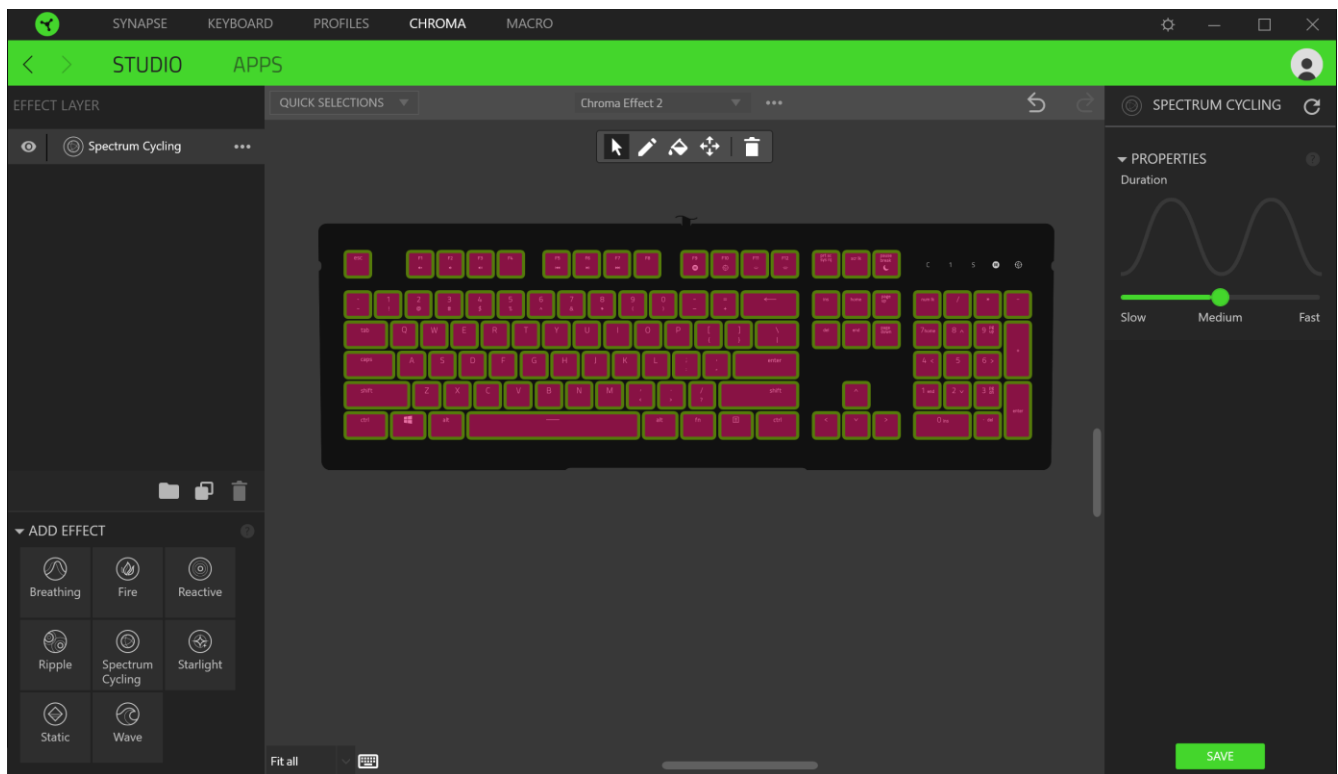
Quick Selections

The Quick Selections drop-down menu are a preset of lighting regions which you can use to easily customize your Razer device. Alternatively, you can individually select an LED by clicking on the area or select multiple LEDs by using click and drag.

Selection Panel & Controls

The Selection Panel allows you to fluidly select or remove LED areas your Chroma Effect will use. Listed below are the selection functions you can choose from:

- ▸ Selector – Select the LEDs where you want to apply the current effect.
- ✏ Pen - Draw directly on the LEDs with the current effect.
- ◈ Paint Bucket - Fill an area continuously with the current effect.
- ✛ Move - Enables you to reposition the devices.
- 🗑 Clear Selection - Removes the applied effect from the selected area.

Effect Layer

Lighting effects are arranged in layers wherein the topmost layer takes priority. You can group multiple lighting effects by clicking the Add Group button (📁) and dragging the layers you want to group to the newly added folder, duplicate a layer by clicking the Copy button (🗗), or delete a layer by clicking the Trash button (🗑). Some layers may have overlapping effects so you may need to arrange layers in a specific order.

Add Effect

All supported quick effects are listed under the Add Effect option which you can click to insert onto the Effect Layer. Quick Effects can be edited on the Chroma Studio by allowing you to change its preset color, properties, and playback options.

Apps

The Apps subtab is where you can enable or disable Chroma integrated apps for your Razer Chroma-enabled peripherals. The Apps tab can also direct you to the Chroma Workshop where you can download these Chroma integrated apps.
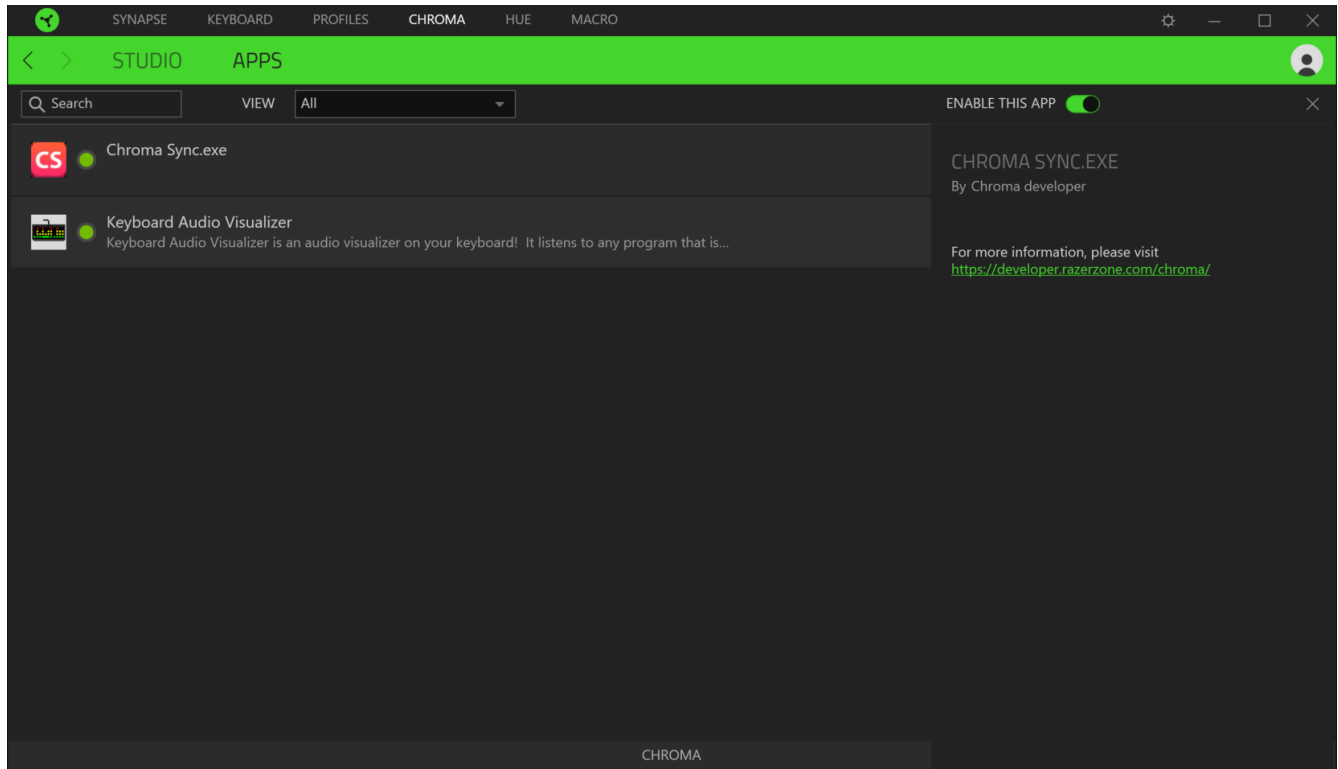
MACRO TAB

Note: The Macro tab will only be accessible once you have installed the Macro module from the Modules tab.

If you need to accurately execute a series of complex commands then you need a Macro. A macro is a set of recorded keystrokes, button presses, and cursor movements. The Macros tab allows you to create, edit, and organize these macros so that you can assign them to the keys or buttons of your Razer device. You can also share macros with others using the import button (⬇) and export button (⬆).
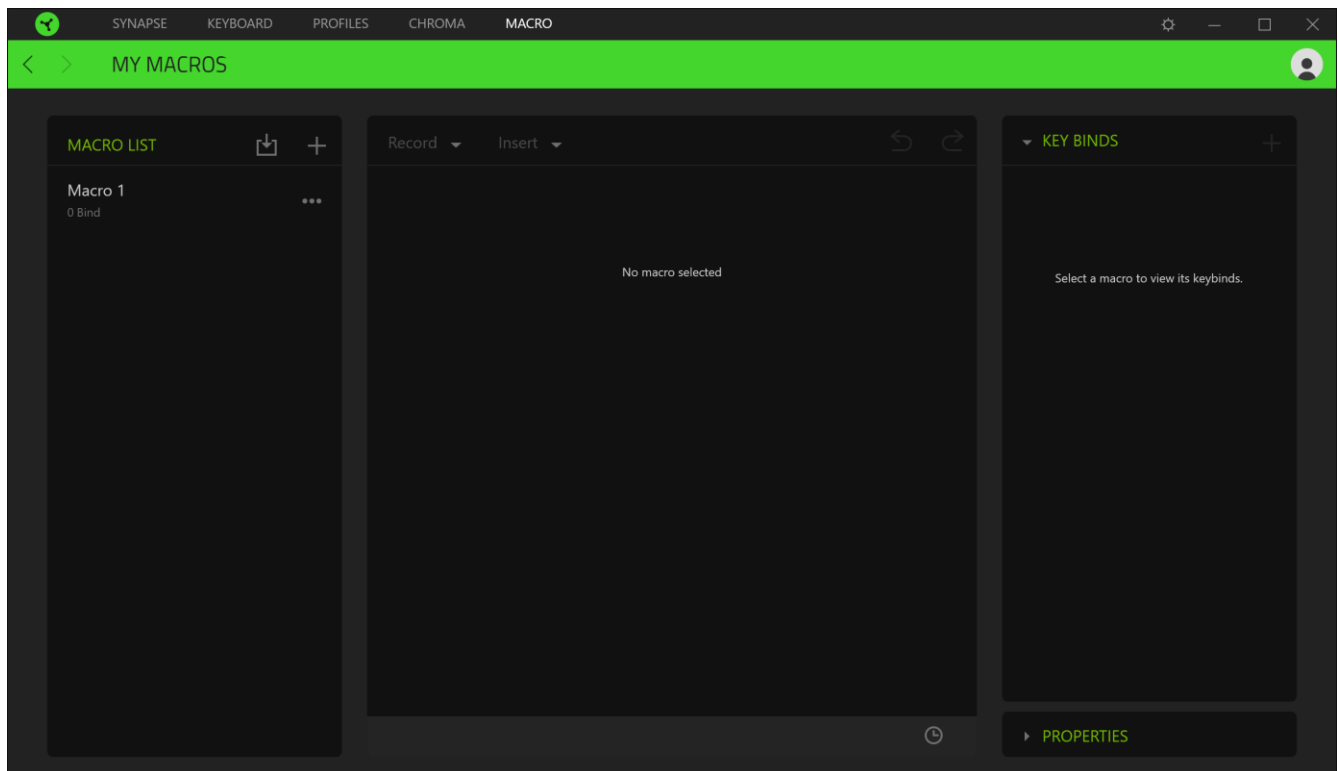
There are also other options available in the macro section such as creating a new macro by clicking the Add button (+), delete the current macro by clicking the Trash button (🗑), and duplicate the current macro using the Copy button (⧉).

To create a macro, simply select a macro name to store your commands, then click the Record menu.
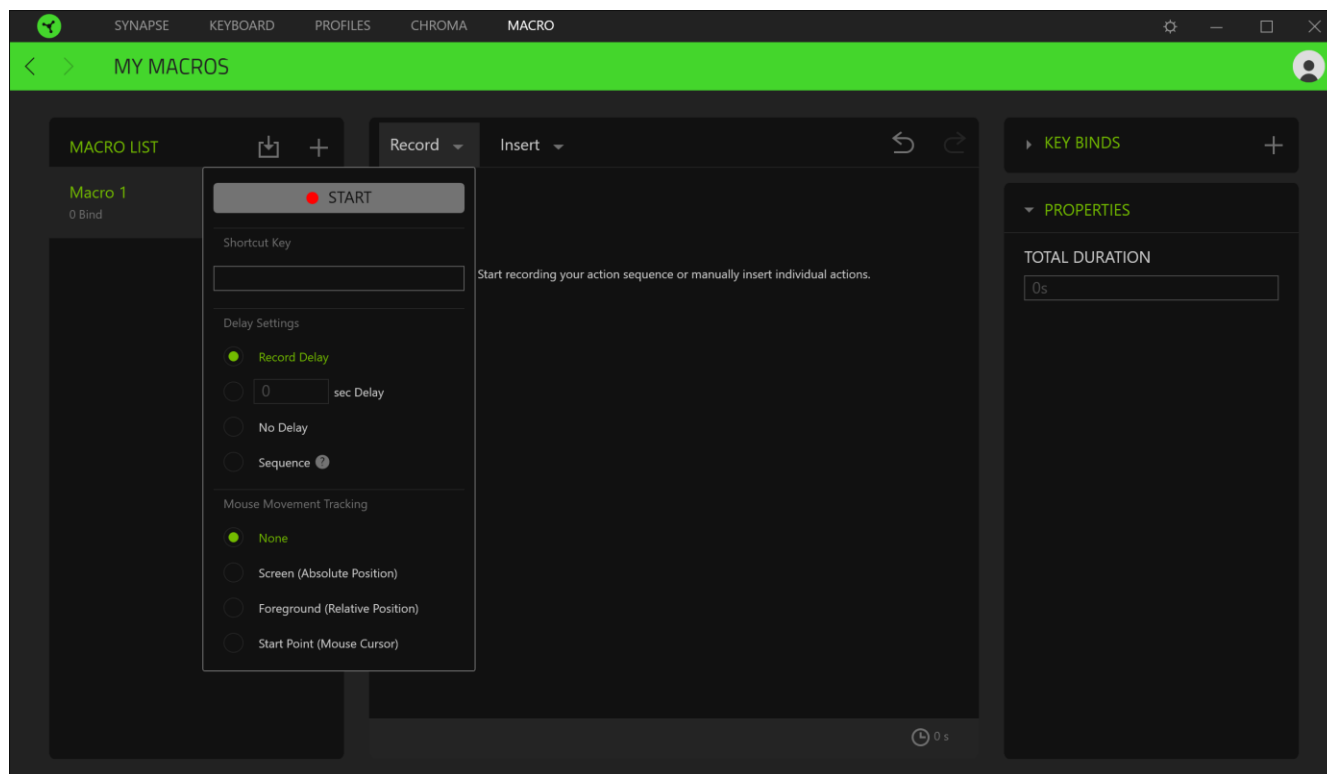
From here you may assign a key or button on the Shortcut Key field that will start or stop the macro recording if you want to record commands and/or movements outside the Razer Synapse 3 window. You may also opt to include or remove the delay or the amount of time between each command through the Delay Settings listed below:

- Record delay – Includes all delays between each command.

- Sec delay – Uses your specified time (in seconds) as a delay between each command.

- No Delay – Removes all delays between each command.

- Sequence– Upon binding a macro using this setting to a button or key, each command within the macro will only be executed by pressing the key bound to the macro continuously.

Or choose to remove or include your preferred mouse movement tracking setting from any of the settings listed below:

- None – Removes all mouse movements made during the macro recording.

- Screen (Absolute Position) – Uses and preserves the exact coordinates of the recorded mouse movement regardless of screen size changes.

- Foreground (Relative Position) — Automatically scales recorded mouse movements **proportionally to your screen's** current resolution.
- Start point (Mouse Cursor) — Uses the current position of your mouse cursor when performing mouse patterns within macros.

Once you have chosen the settings for the macro, click the Start button (● START). After a brief countdown, all keystrokes, button presses, and mouse movements will be recorded on the macro screen. When you are done recording your macro commands, click on the Stop button (■ STOP) or simply press the Shortcut key to end the session.
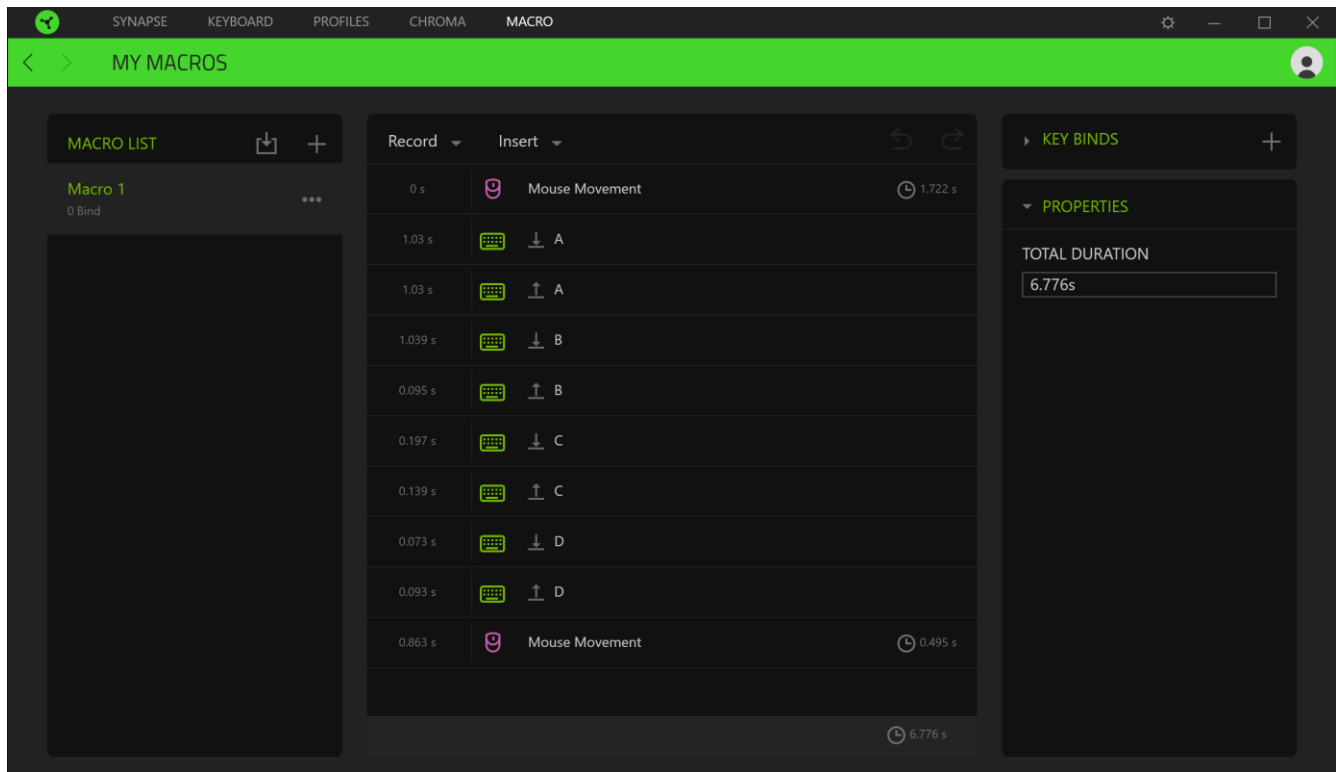
You may then proceed on binding the new macro with your preferred button or key using the Key Binds option. You may also change the overall duration of the recorded macro through the Total Duration field on the Properties option.

Note: Changing the overall duration of a macro will proportionally adjust all delays included each command within the macro.

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 shown at the top of the screen.

The Insert drop-down menu allows you to put in additional keystrokes, button presses, type texts, run commands, loop a set of commands within the macro, or insert an entire macro group within the macro.
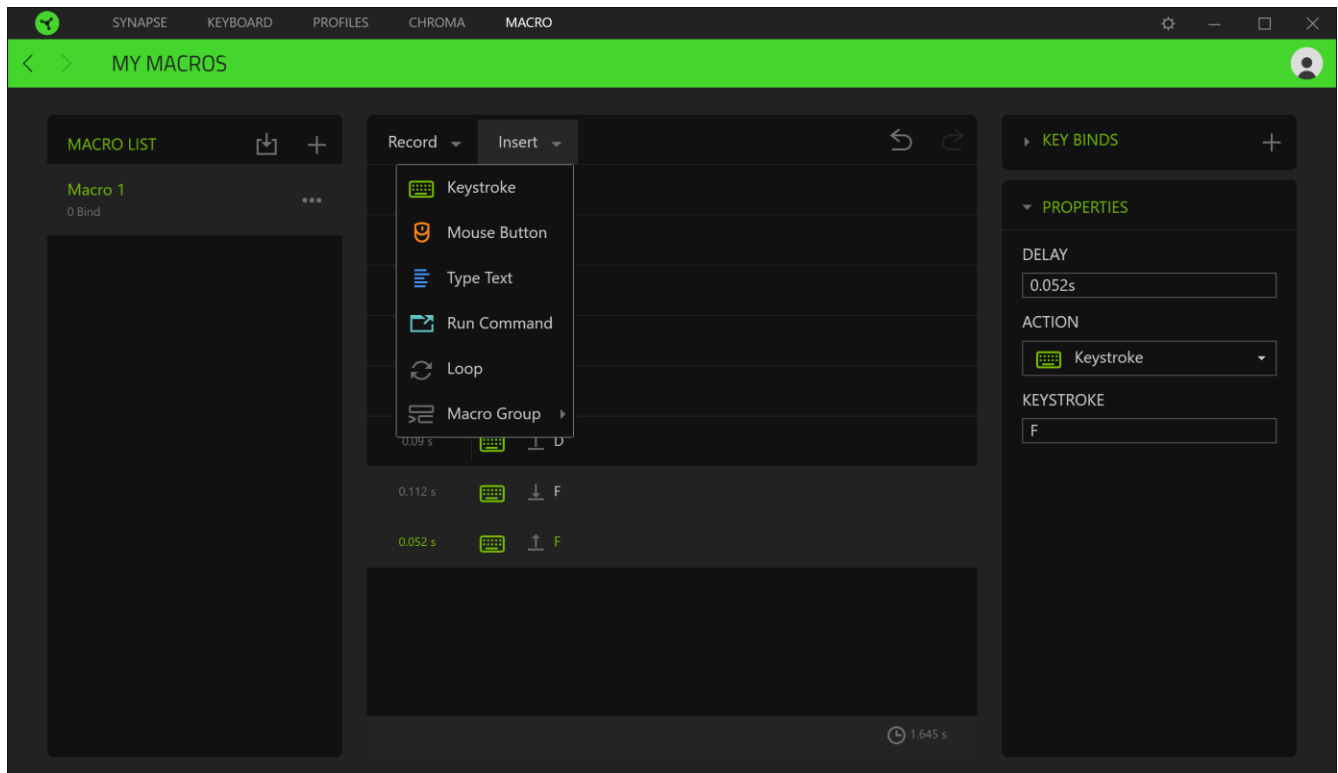
Key Binds

The Key binds option 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 selecting the Macro you want to bind, and then clicking the Key bind button (+).

Properties

The Properties option enables you to individually edit commands, adjust their delay, change actions, and also change the total duration of the macro so that it executes faster or slower.

SETTINGS WINDOW

The Settings window, accessible by clicking the (⚙) button on Razer Synapse, enables you to configure the startup behavior and display language of Razer Synapse 3, view the master guides of each connected Razer device, or perform factory reset on any connected Razer device.
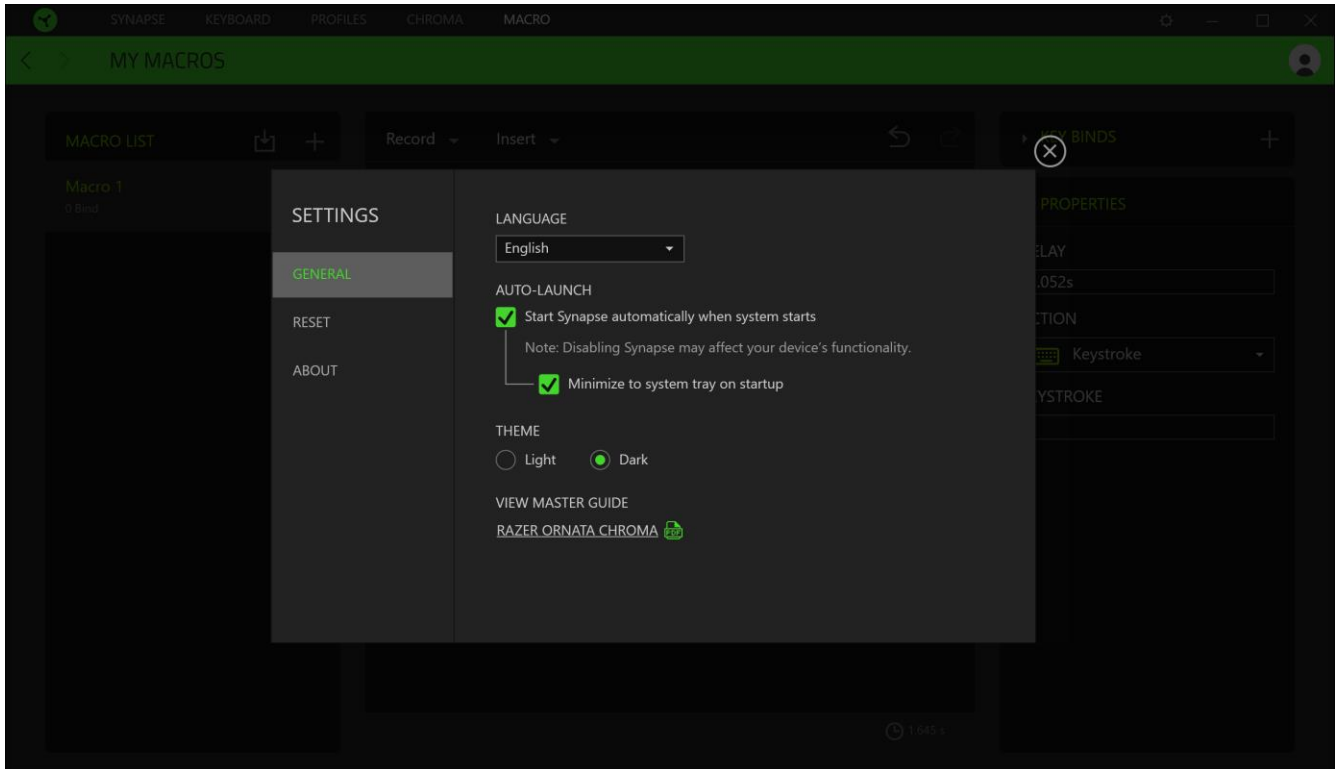
General tab

The default tab of the Settings window. The General tab enables **you to change the software's** display language, start-up behavior, and display theme; or view the master guide of all connected Razer devices.

Reset tab

The Reset tab allows you to perform a factory reset on all connected Razer devices with on-board memory and/or reset Razer Synapse 3 tutorials to acquaint yourself again **with Razer Synapse 3's** new features on its next launch.

Note: By resetting a Razer device, a*ll profiles stored on the selected device's on*-board memory will be erased. Performing a factory reset on devices without on-board memory will only create a new profile for your device on Razer Synapse 3 with the default settings.

About tab

The About tab displays brief software information and copyright statement, and provides relevant links for its terms of use. You may also use this tab to check for software updates, or as a quick **access to Razer's social communities.**

5. LEGALESE

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