RAZER RZ03 Huntsman V2 Analog Keyboard User Guide

RAZER RZ03 Huntsman V2 Analog Keyboard

Contents

WHAT'S INSIDE

- **Razer Huntsman V2 Analog**

A. Type-A to Type-C adapter
B. Type-A passthrough connector
C. Type-C keyboard connector
D. On-the-fly macro record key
E. Gaming mode key
F. Backlight control keys
G. Sleep mode key
H. Media control buttons
I. Multi-Function Digital Dial
Important Product Information Guide
J. LED indicators
K. Wrist rest port
L. USB passthrough port
M. Razer Chroma RGB underflow lighting
N. Kickstand
0. Wrist rest connector
P. Plu h leatherette support

WHAT'S NEEDED

PRODUCT REQUIREMENTS

- USB 3.0 Type-A port or Type-C port (required)
- USB 3.0 Type-A port (optional, for passthrough)

RAZER SYNAPSE REQUIREMENTS

- Windows® 10 64-bit
- Internet connection for software installation

LET'S GET YOU COVERED

You've got a great device in your hands, complete with a 2-year limited warranty coverage. Now maximize its potential and score exclusive Razer benefits by registering at **razerid.razer.com**

Your product's serial number can be found here.
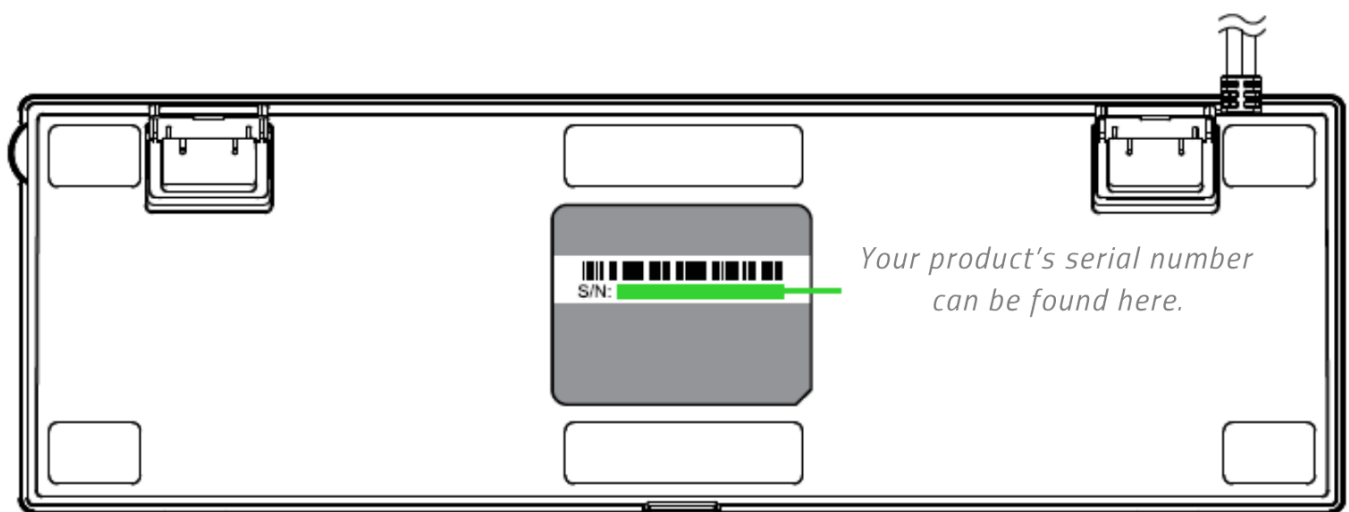
Got a question? Ask the Razer Support Team at **support.razer.com**

TECHNICAL SPECIFICATIONS

FEATURES

- Razer™ Analog Optical Switches
- 100 million keystroke lifespan· Razer Chroma™ RGB customizable backlighting with 16.8 million color options
- USB-C Connectivity
- USB 3.0 Passthrough
- Underglow lighting
- Magnetic plush leatherette wrist rest
- Multi-functional digital dial with 4 media keys
- Fully programmable keys with on-the-fly macro recording
- N-key roll-over with anti-ghosting
- Gaming mode option · Braided Fiber Cable
- 1000 Hz Ultrapolling
- Aluminum matte top plate

APPROXIMATE SIZE & WEIGHT
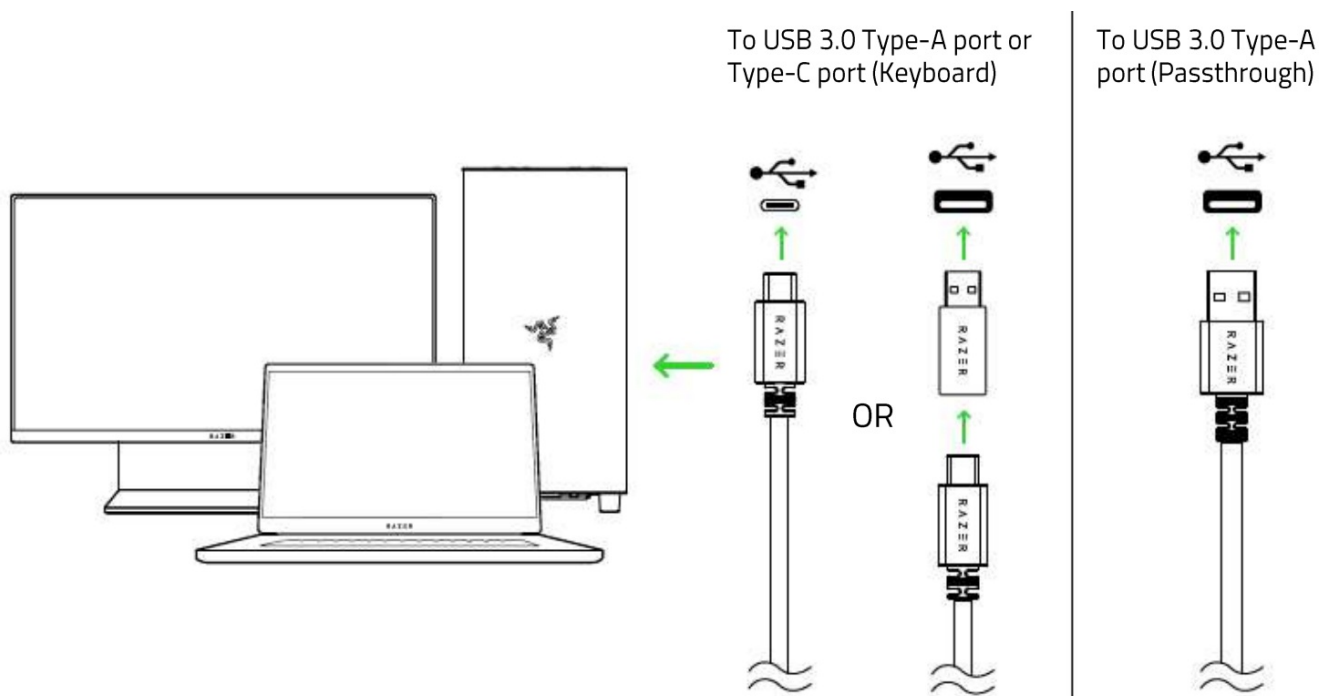
Without Wrist Rest

- Length: 446 mm/ 17.5 in
- Width: 141 mm/ 5.5 in
- Height: 45 mm / 1.8 in
- Weight: 1238 g / 2.7 lbs

With Wrist Rest

- Length: 446 mm/ 17.5 in
- Width: 231 mm/ 9 in
- Height: 45 mm / 1.8 in
- Weight: 1672 g / 3.7 lbs

SETTING UP YOUR RAZER HUNTSMAN V2 ANALOG

1. Connect your Razer device to the USB ports of your computer.

To USB 3.0 Type-A port or Type-C port (Keyboard)

To USB 3.0 Type-A port (Passthrough)

OR

2. Position the wrist rest below your keyboard then slide it in. The wrist rest will attach to your keyboard upon contact.
3. Use the Razer Synapse app to customize your keyboard's lighting and even create various profiles suited for different playstyles.

❗ Install Razer Synapse when prompted or download the installer from **razer.com/synapse.**

USING YOUR RAZER HUNTSMAN V2 ANALOG
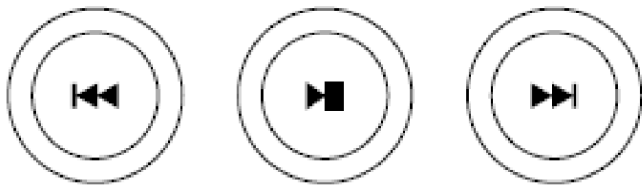
Use the media control buttons to play/pause (▶❚❚) a track or skip tracks backward (⏮) and forward (⏭).

MUL TI-FUNCTION DIGITAL DIAL

By default, you may rotate the Multi-function digital dial to increase/decrease the audio output volume or press the dial to mute/unmute the audio output. The dial will light up in red when the audio output is muted.


Decrease Volume | Increase Volume | Press to Mute/Unmute | Muted

RAZER ANALOG OPTICAL SWITCHES

Each key can detect its current position from at rest (0%) to fully pressed (100%). Using Razer Synapse, you can set a desired actuation point; thereby, increasing or decreasing the key's sensitivity to touch. You can also use the analog input for games with controller support to emulate a joystick movement on your keyboard.

0% ████████ 100%
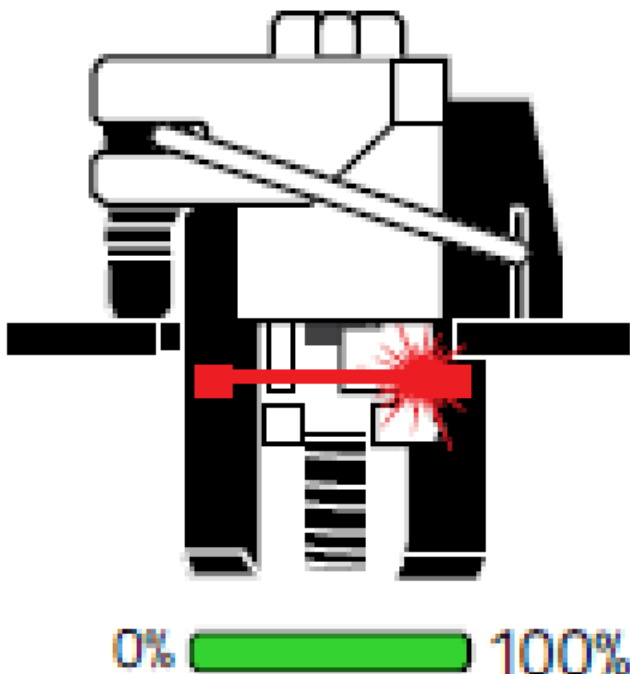
ERGONOMIC WRIST REST

Your Razer Huntsman V2 Analog comes with an ergonomic wrist rest equipped with underglolighting, a leather cushion for all-out comfort, and concealed magnetic connectors for easy installation and removal. To install the wrist rest, simply position the wrist rest below your Razer Huntsman V2 Analog, align the wrist rest's connector to your keyboard's wrist rest port, and then slide it in. The wrist rest will attach to your keyboard upon contact.
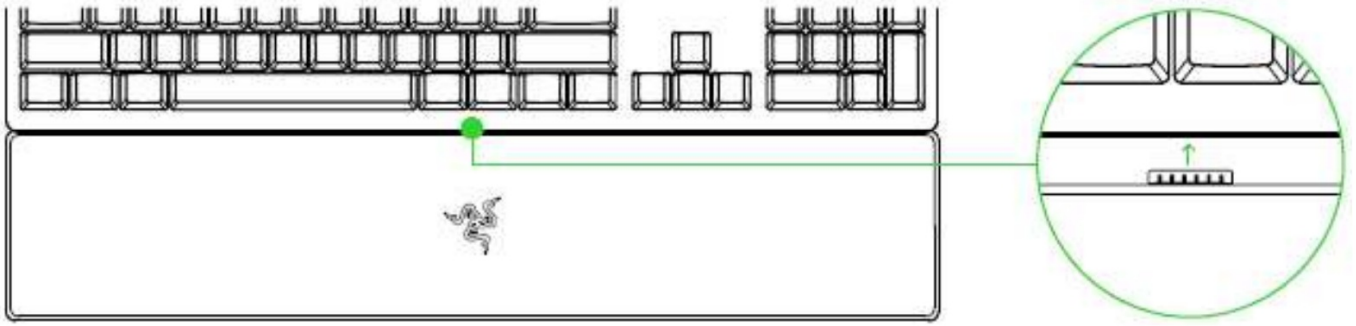
Find out more about your gaming-grade keyboard at **support.razer.com.**

## CONFIGURING YOUR RAZER HUNTSMAN V2 ANALOG

 Disclaimer: The features listed here require vow to log into Razer Synapse 3. These features are also subject to change based on the current software version and dour Operating System.

SYNAPSE TAB

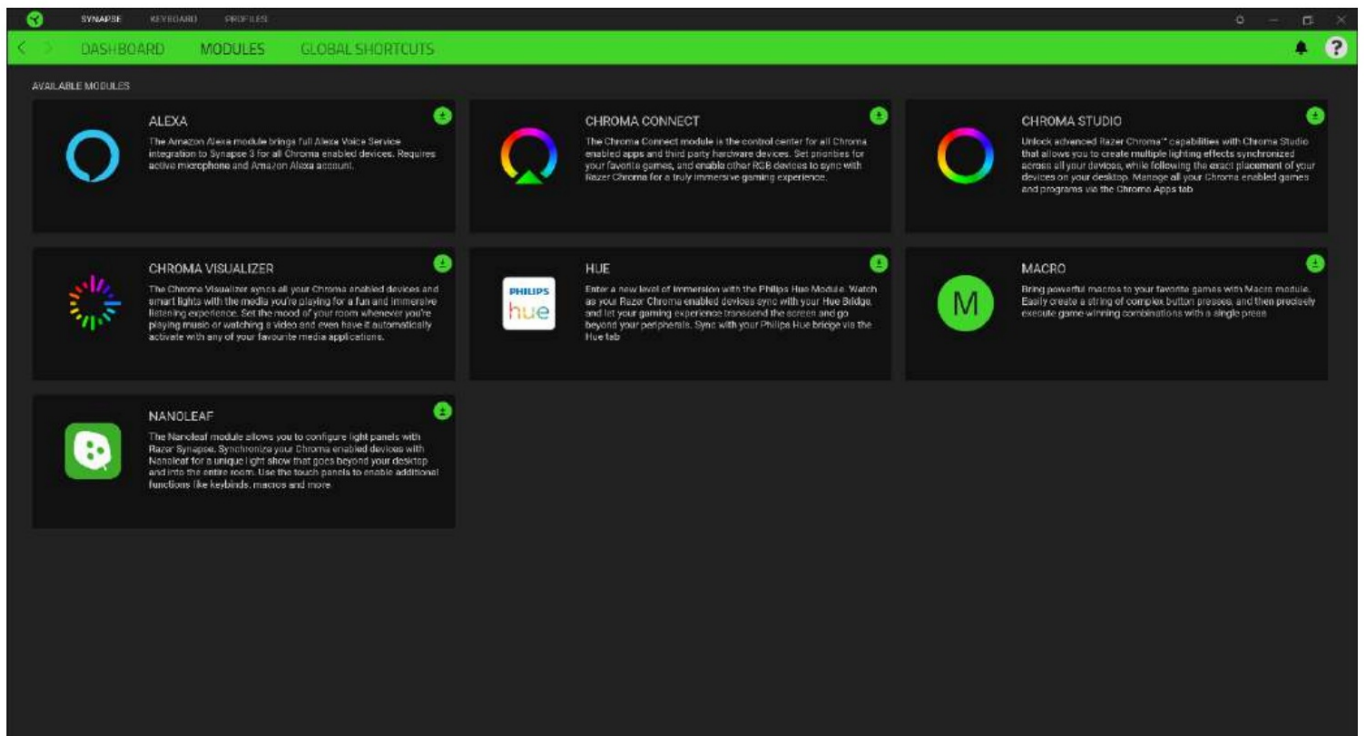The Synapse tab is your default tab when you first launch Razer Synapse 3.

Dashboard
The Dashboard subtab is an overview of your Razer Synapse 3 where you can access all your Razer devices, modules, and online services.
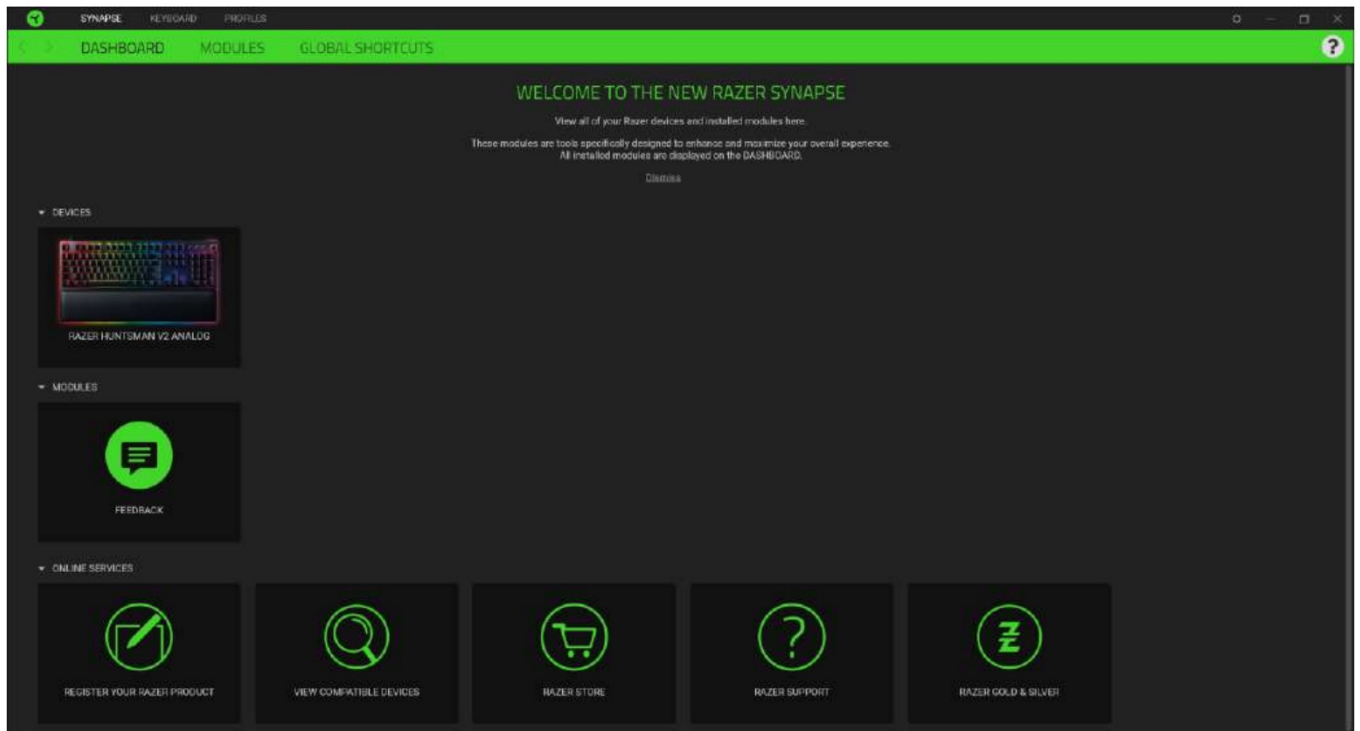
Modules
The Modules subtab displays all installed and available modules for installation.
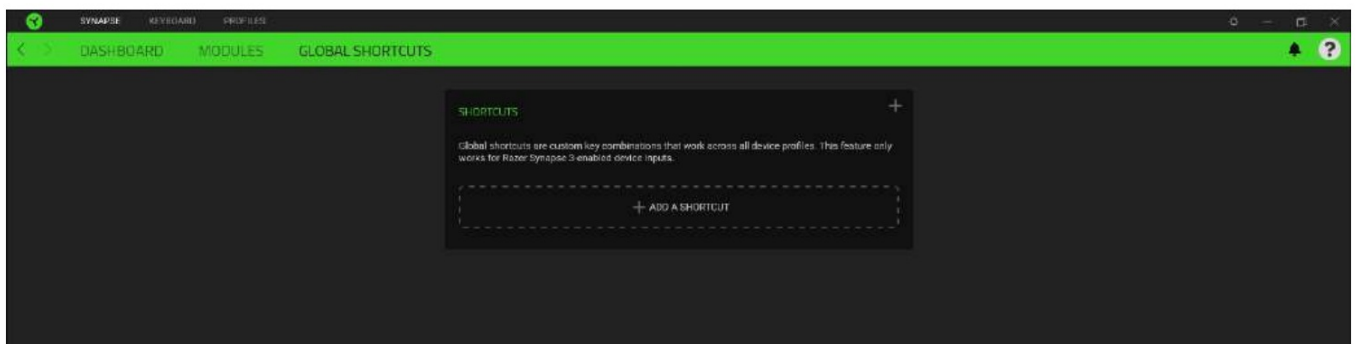
Global Shortcuts

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.

KEYBOARD

The Keyboard tab is the main tab for your Razer Huntsman V2 Analog. From here, you can change your device settings such as key assignments, gaming mode settings, and your device's 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.
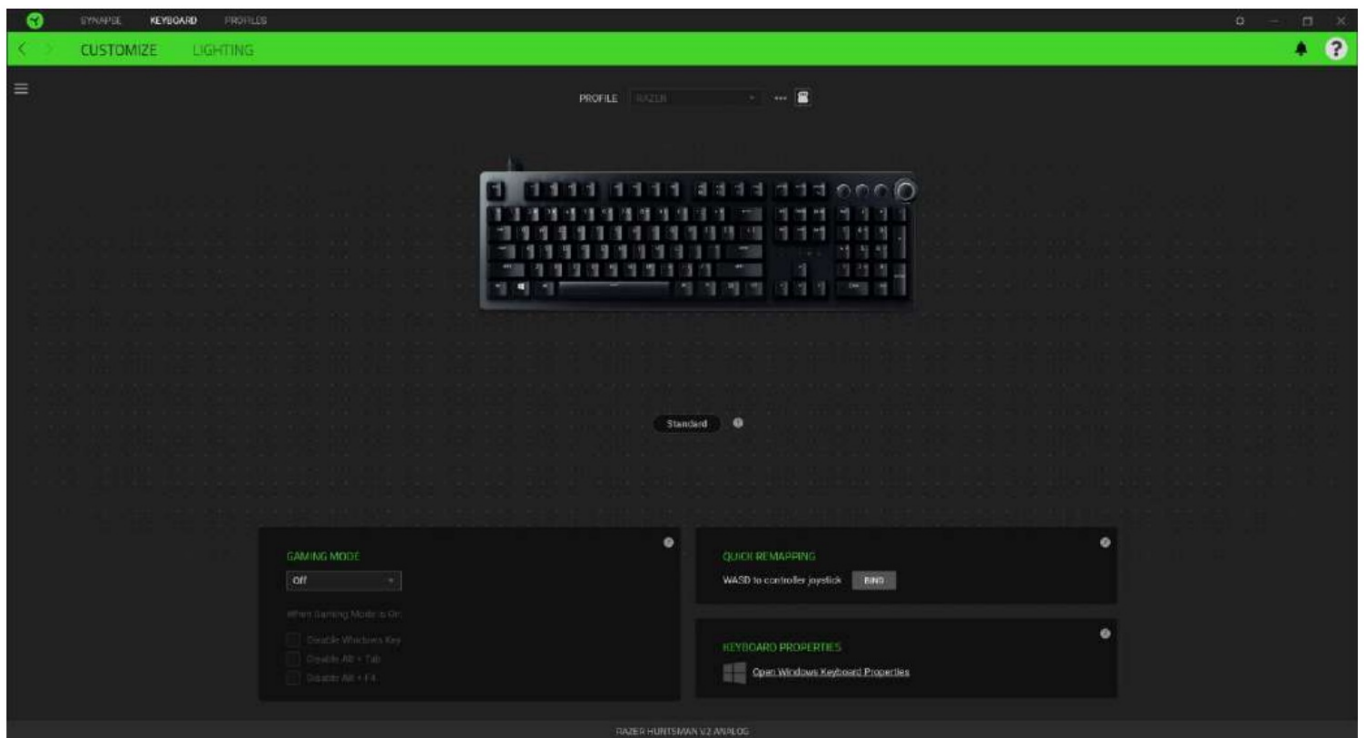
Profile

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, import, rename, duplicate, export, or delete a profile, simply press the profile's corresponding Miscellaneous button (• • •).

Hypershift

Hype shift mode is a secondary set of key assignments that is activated when the Hype shift key is held down. By default the Hype shift key is assigned to the fn key of your Razer Synapse 3 supported keyboard however, you can also assign any key as a Hype shift 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.

Kevboard 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.

Sidebar

Clicking the Sidebar button (=)will reveal all current key assignments for your Razer Huntsman V2 Analog.
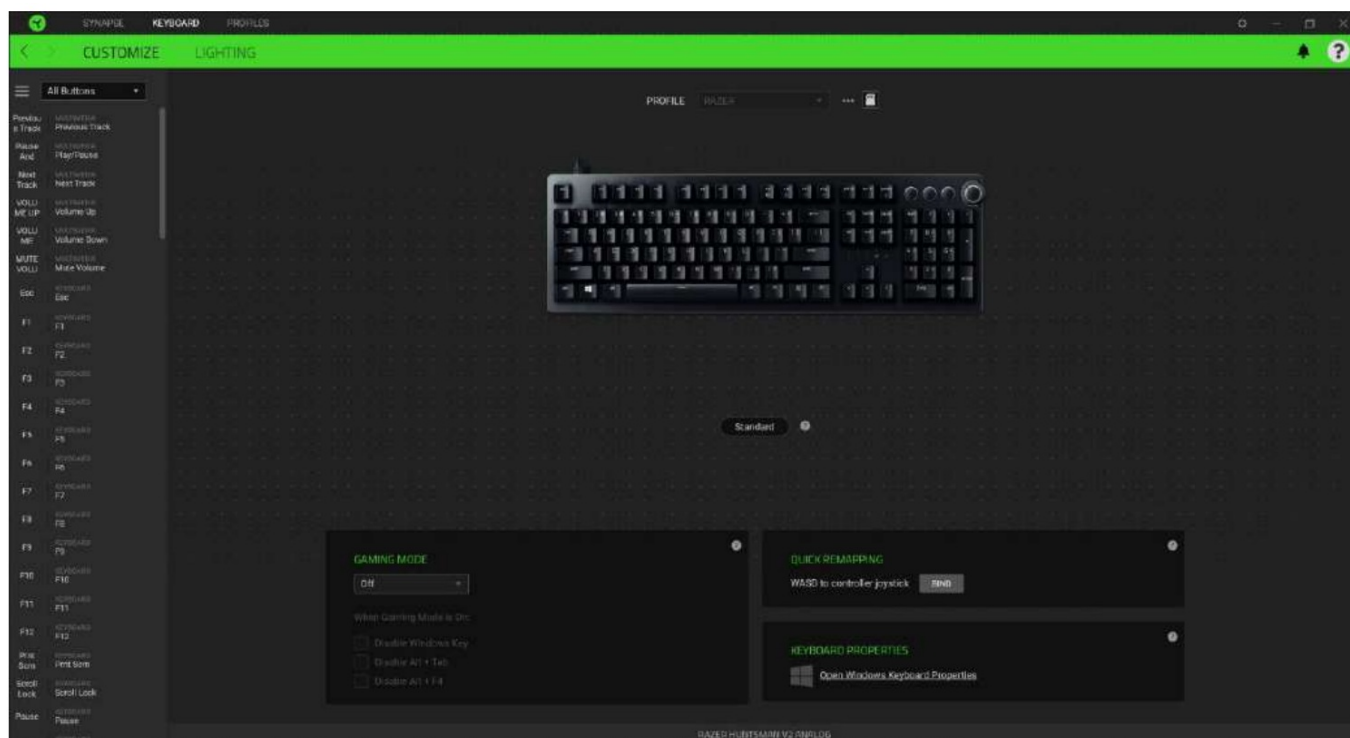
Alternatively, you can skip to a specific key assignment by selecting it on the Customize tab.
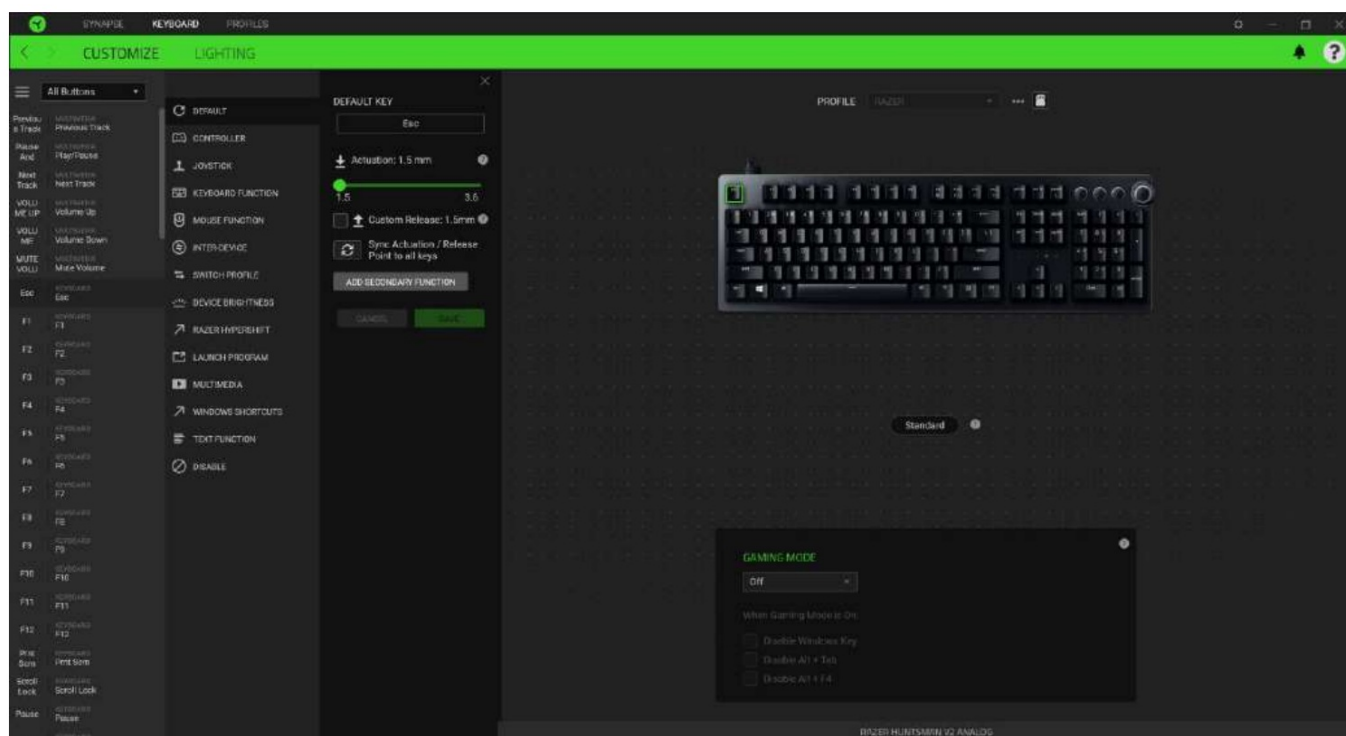
Upon selecting a key assignment, you may then change it to one of the following functions:

Default

This option enables you to return the selected key to its original setting. For analog keyboards, this option also allows you to set the actuation and release point for each key or apply the same settings for all analog keys.

Controller

This option allows you to change the functionality of any key into a controller button. bumper or trigger .

Joystick

This option enables you to change the functionality of any key into a joystick button or an analog stick direction.

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 button.
- Right Click – Performs a right mouse click using the assigned button.
- Scroll Click – Activates the universal scrolling function.
- Double Click – Performs a double left click using the assigned button.
- 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" command using the assigned button.
- Scroll Down – Performs a "Scroll Down" command using the assigned button.
- Scroll Left – Performs a "Scroll Left" command using the assigned button.
- Scroll Right – Performs a "Scroll Right" command using the assigned button.

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.
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

Inter-Device

Inter-device allows you to change the settings of other Razer Synapse 3-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 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 Hype shift

Setting the key to Razer Hype shift will allow you to activate Hype shift 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:

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: **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
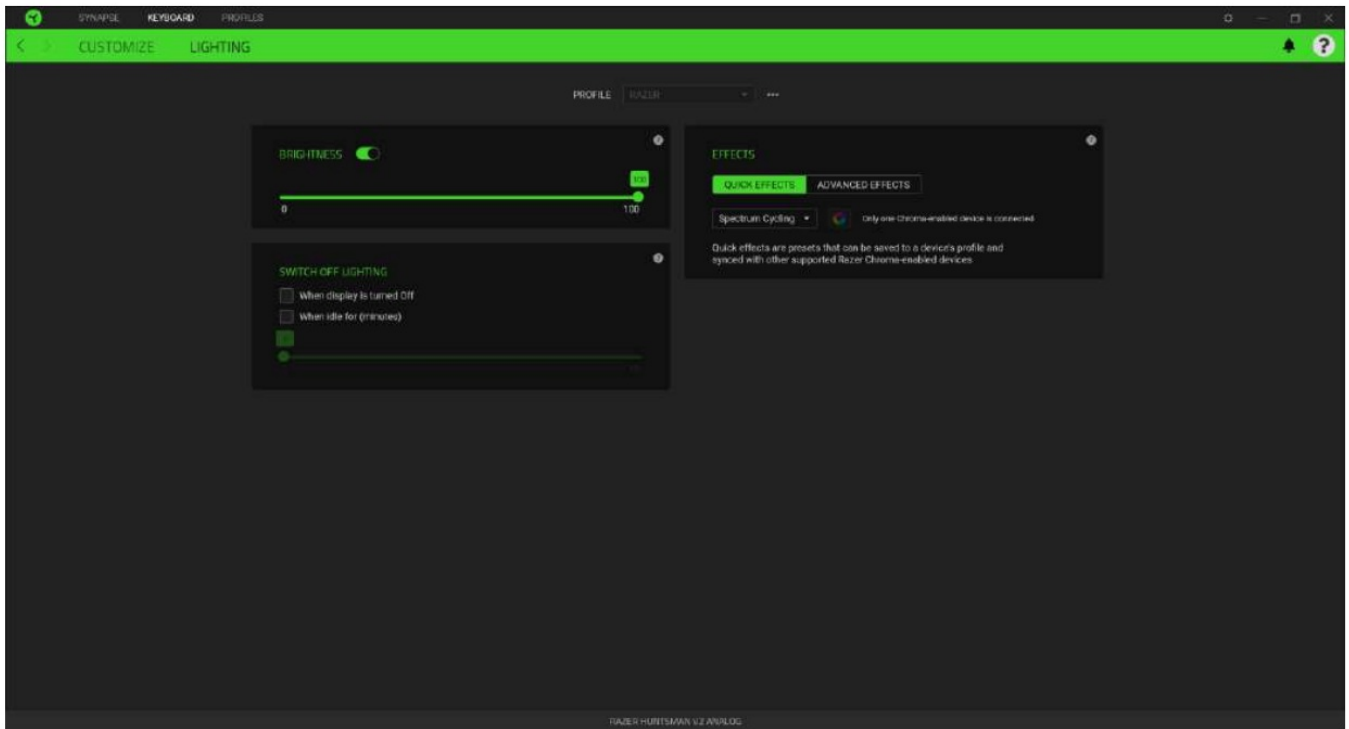
desired

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.

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 Huntsman V2 Analog 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:

🛈 Only devices that support the selected lighting effect will synchronize. LED indicators are not customizable.

	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

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 ( ).

Studio Effects
The Studio 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 FOR

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 games are linked to each device's profiles or which Chroma Effect is linked to specific games using
the Devices subtab.
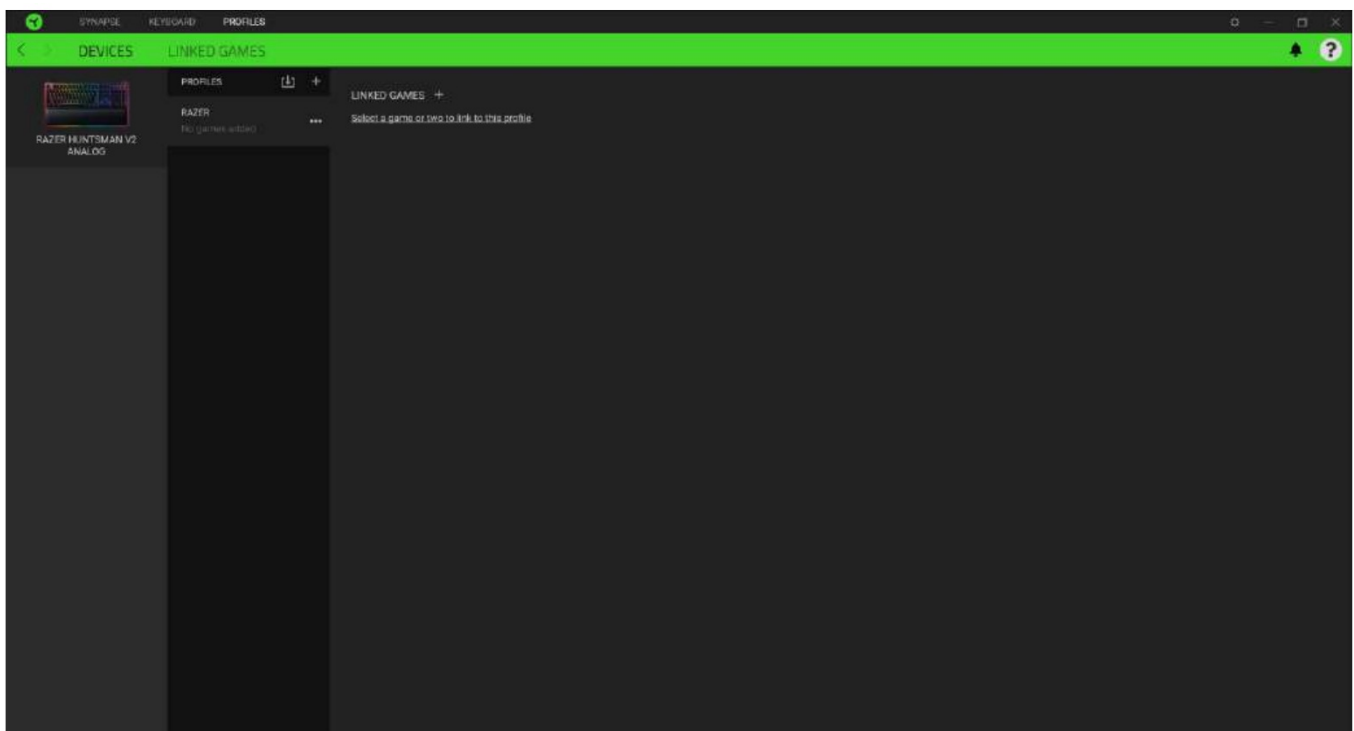
You can import Profiles/ Chroma Effects from your computer or from the cloud through the import button ( ),
or create new profiles within the selected device or new Chroma Effects for specific games using the add button (

).To rename, duplicate, export, or delete a profile, simply presser Miscellaneous button (•••). Each profile
and/or Chroma Effect can be set to automatically activate when you run an application using the Linked 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.
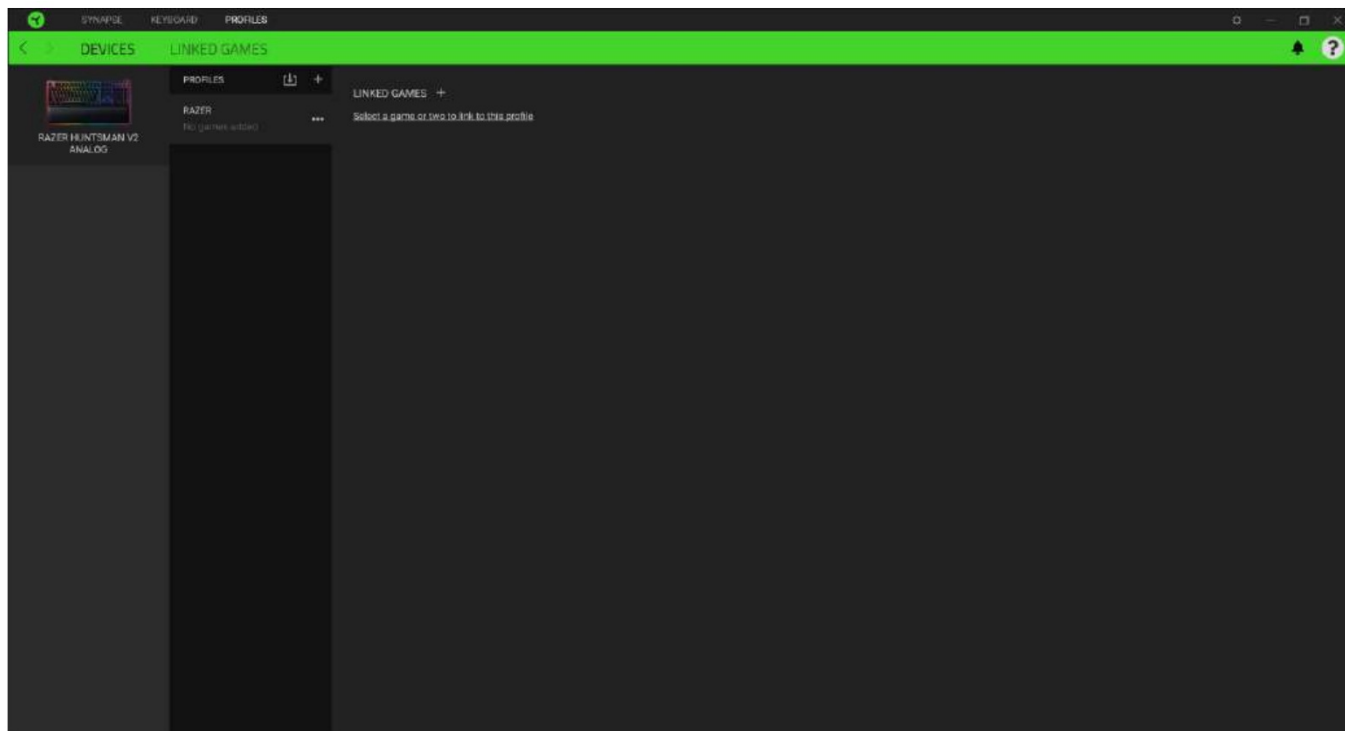

To link games to connected Razer devices or Chroma Effects, simply click on any game from the list, and then click Select a device and its profile to launch automatically during gameplay to select the Razer device or Chroma Effect it will link with.

Once linked, you may click on the Miscellaneous button (•••)of the corresponding Chroma Effect or device to select a specific Chroma Effect or profile.

SETTINGS WINDOW

The Settings window, accessible by clicking the (⚙)button on Razer Synapse 3, 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.
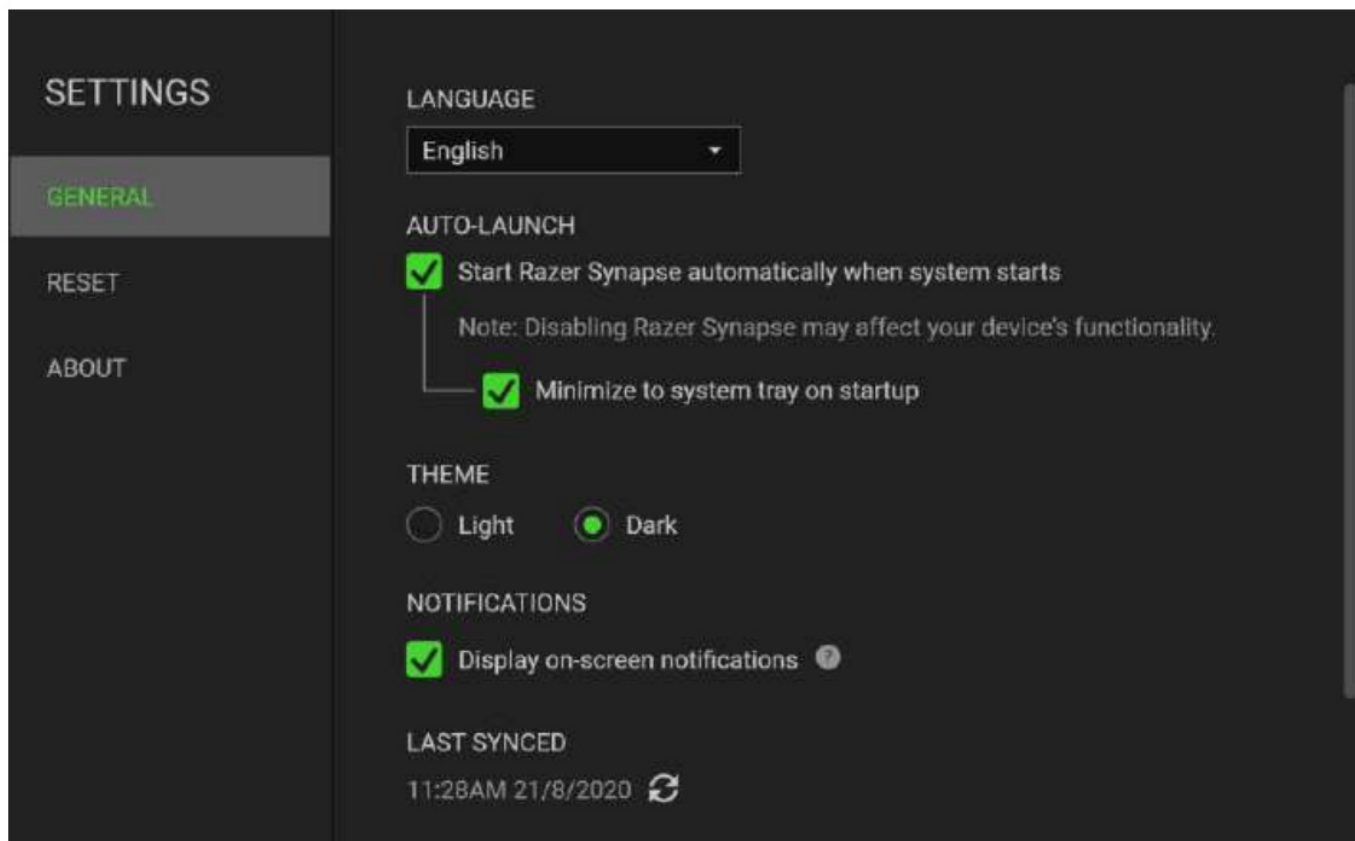
General tab

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. You may also manually sync your profiles to the cloud { C } 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.

 Be resetting a Razer device, all profiles stored on the selected device's on-board memory will be erased.

About tab

The About tab displays brief software information, 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.

SAFETY AND MAINTENANCE

SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Huntsman V2 Analog, 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** for support.

Do not take apart the device (doing so will void your warranty) and do not attempt to operate it under abnormal current loads.

Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°((32 ° F) to 40°((104 ° F). Should the temperature exceed this range, unplug and/or switch off the device in order 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 Huntsman V2 Analog.

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. Do not 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 style of gaming in order to minimize repetitive or awkward

motions while gaming.

8. Do not 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 Huntsman V2 Analog requires minimum maintenance to keep it in optimum condition.
Once a month we recommend you unplug the device from the computer and clean it using a soft cloth or cotton swab to prevent dirt buildup. Do not use soap or harsh cleaning agents.

LEGALESE

COPYRIGHT AND INTELLECTUAL PROPERTY INFORMATION

LIMITED PRODUCT WARRANTY

For the latest and current terms of the Limited Product Warranty, please visit **razer.com/warranty**.

LIMITATION OF LIABILITY

Documents / Resources

	RAZER RZ03 Huntsman V2 Analog Keyboard [pdf] User Guide RZ03 Huntsman V2 Analog Keyboard, RZ03, Huntsman V2 Analog Keyboard, Analog Keyboard, Keyboard

References

- **Razer ID**
- **Keyboard shortcuts in Windows - Microsoft Support**
- **Official Razer Support**
- **Razer Synapse 3 - Cloud-Based Hardware Configuration Tool | Razer United States**
- **Razer Warranty Policy**