**User Manual of Product 1:**

Razer Huntsman Mini 60% Gaming Keyboard: Fastest Keyboard Switches Ever Clicky Optical Switches Chroma RGB Lighting Pbt Keycaps Onboard Memory Mercury White

**User Manual of Product 2:**

Razer Orochi V2 Mobile Wireless Gaming Mouse: Ultra Lightweight - 2 Wireless Modes - Up to 950hrs Battery Life - Mechanical Mouse Switches - 5g Advanced 18k Dpi Optical Sensor - White

# RAZER HUNTSMAN V2 TKL

MASTER GUIDE

Unrivalled responsiveness has never looked this lean. Meet the **Razer Huntsman V2 TKL**—a tenkeyless optical gaming keyboard with improved acoustics, near-zero input latency, and other high-end features to ensure a compact form factor geared for full-sized performance.

# CONTENTS

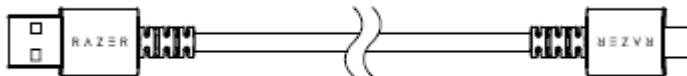# 1. WHAT'S INSIDE

- Razer Huntsman V2 TKL
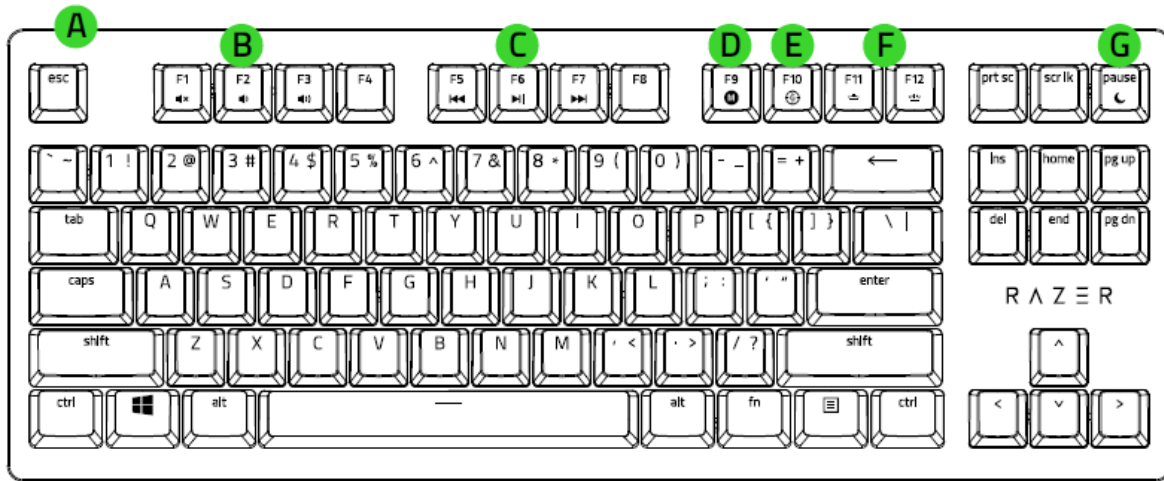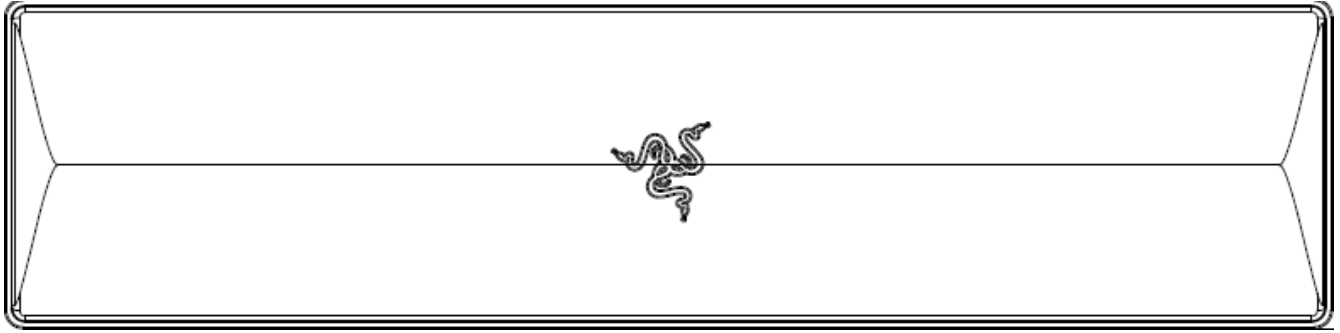


A. Type C port

B. Volume control keys

C. Media keys

D. On-The-Fly macro record key

E. Gaming mode key

F. Backlight control keys

G. Sleep mode key

- USB Type C to Type A cable

- Ergonomic wrist rest

- Important Product Information Guide

## 2. WHAT'S NEEDED

**PRODUCT REQUIREMENTS**

- PC with an available USB Type A port

**RAZER SYNAPSE REQUIREMENTS**

- Windows® 7 64-bit (or higher)
- Internet connection for software installation

## 3. 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.*
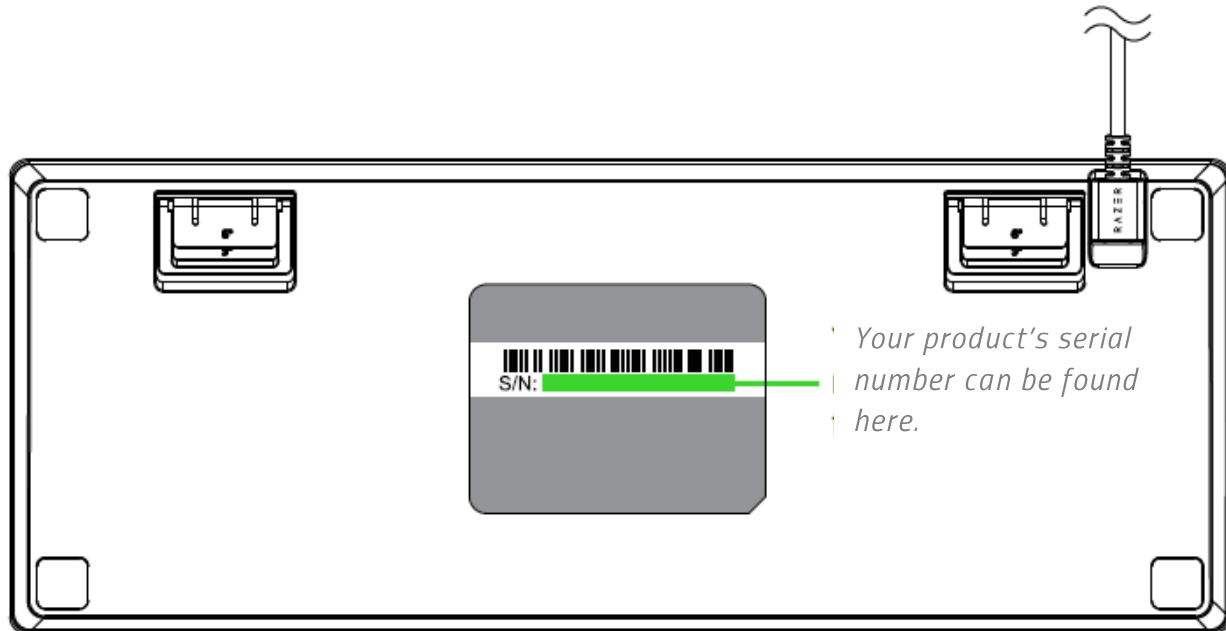
Got a question? Ask the Razer Support Team at support.razer.com

# 4. TECHNICAL SPECIFICATIONS

## FEATURES

- Razer™ Optical Switches
- 100 million keystroke lifespan
- Razer™ HyperPolling Technology with up to true 8000 Hz polling rate
- Razer Chroma™ RGB customizable backlighting with 16.8 million color options
- Razer Doubleshot PBT Keycaps
- Plush leatherette wrist rest
- Hybrid onboard storage – up to 5 keybinding profiles
- Fully programmable keys with on-the-fly macro recording
- N-key roll-over with anti-ghosting
- Gaming mode option
- Detachable USB-C braided fiber cable
- 1000 Hz Ultrapolling
- Aluminum matte top plate

## APPROXIMATE SIZE & WEIGHT

### Without Wrist Rest

- Length: 362 mm / 14.2 in
- Width: 140 mm / 5.5 in
- Height: 37 mm / 1.45 in
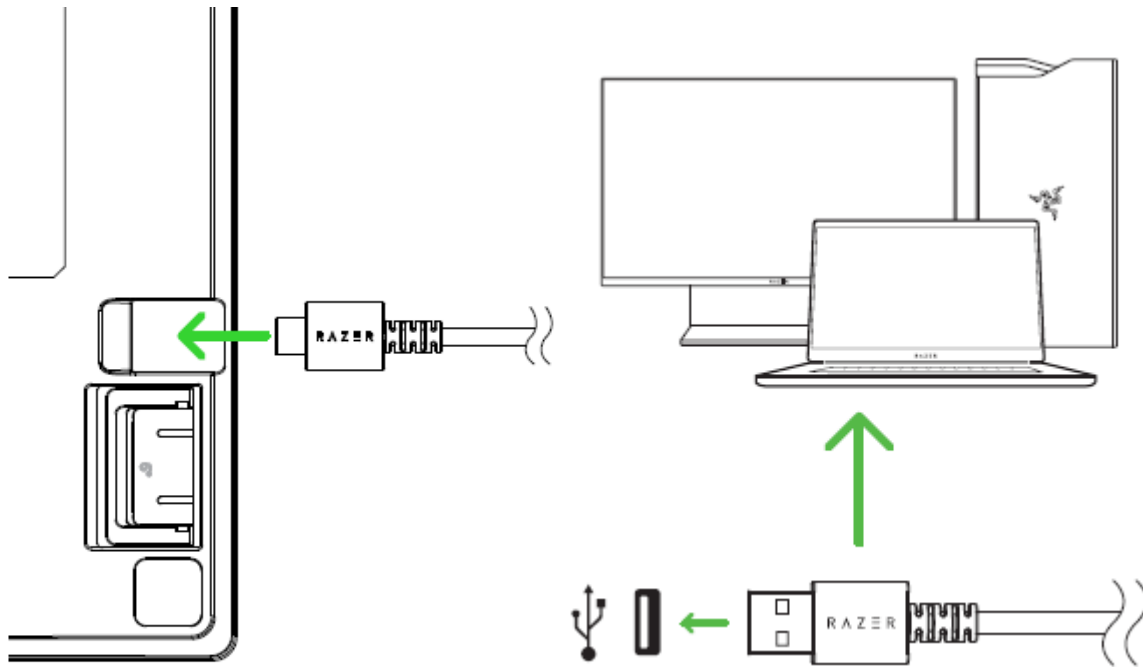- Weight: 748 g / 1.7 lbs

### With Wrist Rest

- Length: 362 mm / 14.2 in
- Width: 230 mm / 9 in
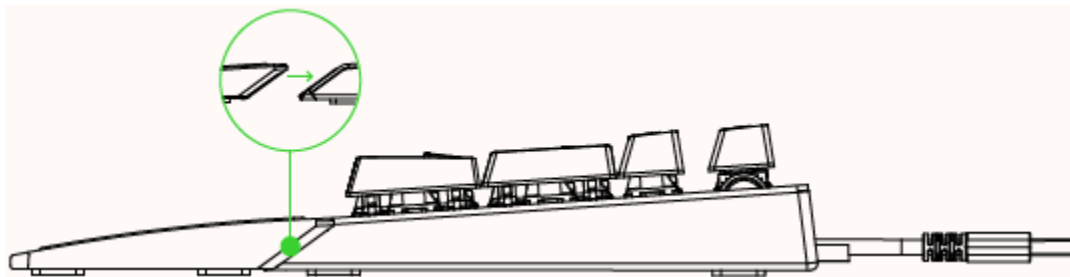- Height: 37 mm / 1.45 in
- Weight: 930 g / 2.1 lbs

# 5. SETTING UP YOUR RAZER HUNTSMAN V2 TKL

1. Connect the keyboard to your computer using the detachable Type C to Type A cable.



2. Position the wrist rest below your keyboard then slide it in.
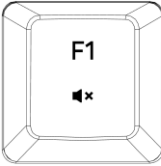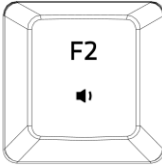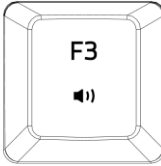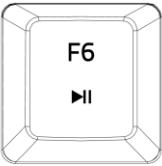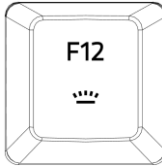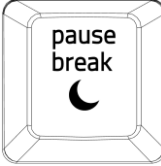


3. Use the Razer Synapse* app to customize its lighting and even create various profiles suited for different playstyles. Up to 5 of these profiles can be stored on your keyboard from the Razer Synapse app, allowing you to use these profiles even on systems without the app installed.

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

# 6. USING YOUR RAZER HUNTSMAN V2 TKL
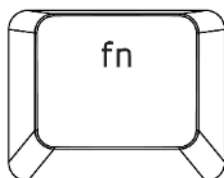
When the fn key is held down, all function keys with secondary functions including other keys which you can combine with the fn key will light up. Pressing the fn key in combination with the function keys will activate their secondary features on your PC.

| Function Keys | Features Description |
|---|---|
| F1 F2 F3 | The audio volume controls allow you to mute ( ), decrease ( ) and increase ( ) the audio output. |
| F5 F6 F7 | The media keys allow you to play/pause ( ) a track or skip tracks backward ( ) and forward ( ). |
| F11 F12 | The backlight control keys allow you to decrease ( ) or increase ( ) the brightness of your keyboard's LEDs. |
| pause break | 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



Follow these steps to create an OTF Macro Recording:

ⓘ *Razer Synapse must be installed and running when recording macros.*

1. Press the key combination to start recording. The On-The-Fly macro record key will light up to show that the device is ready to record.

2. Type in the keys you want to record.

3. Press the key combination to stop the recording or the ESC key to cancel recording. The On-The-Fly macro record key will start blinking to show that the device has stopped recording and is ready to save the macro.

4. Press the desired key where you want to save your macro.

## GAMING MODE
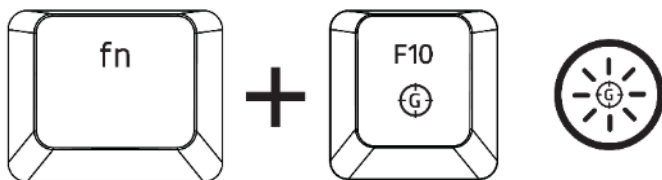


Gaming Mode disables the Windows Key, Menu/Apps Key, Alt + Tab, and Alt + F4 functions to avoid accidental usage. You can choose to enable the Alt + Tab and Alt + F4 functions by changing the Gaming Mode settings on Razer Synapse. The Gaming mode key will light up when it is active.

# 7. CONFIGURING YOUR RAZER HUNTSMAN V2 TKL

🛑 *Disclaimer: The features listed here require you to log into Razer Synapse 3. These features are also subject to change based on the current software version and your 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.
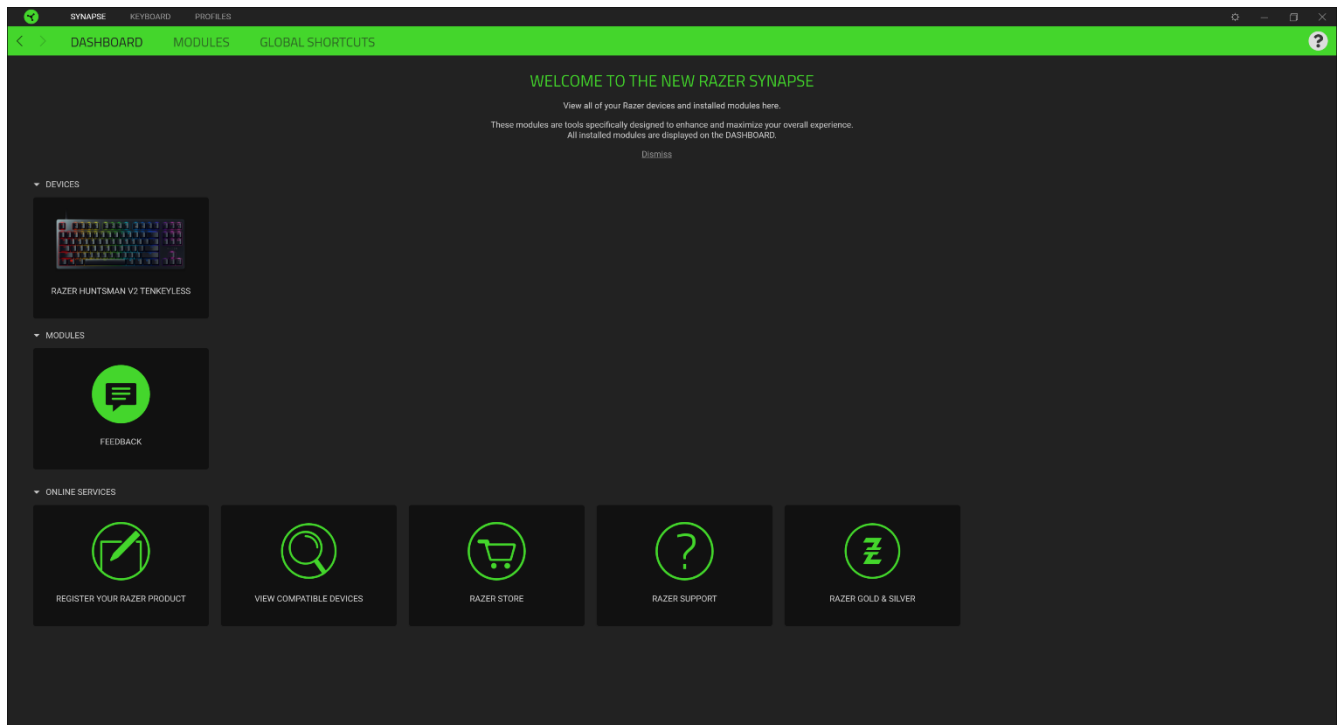
## Modules

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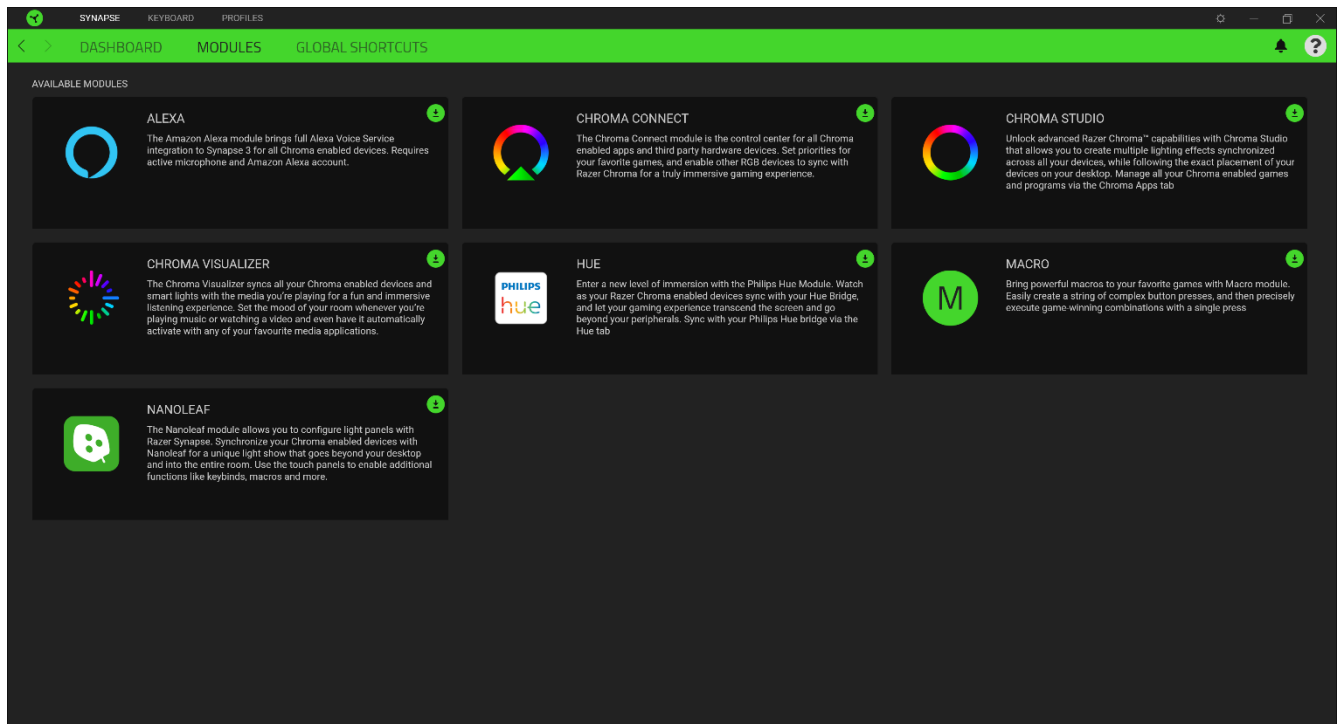


## Global Shortcuts

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.*
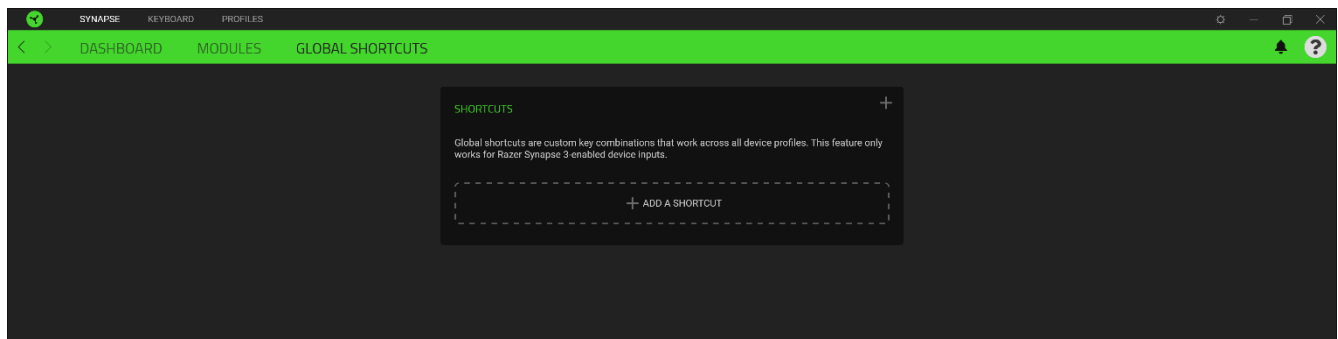
# KEYBOARD

The Keyboard tab is the main tab for your Razer Huntsman V2 TKL. 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.
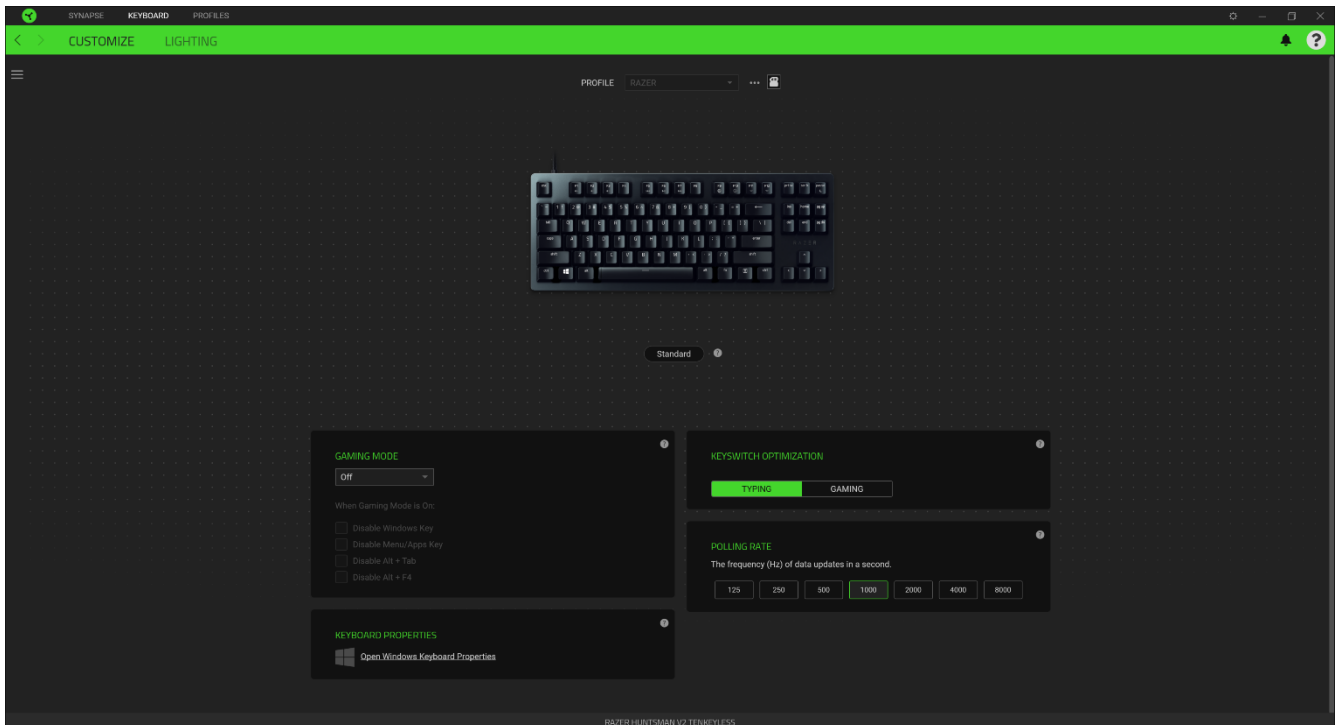


*Profile*

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*

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.

*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.

### 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.

### Keyswitch Optimization

Keyswitch Optimization allows you to choose the best setting for your analog keys. Typing mode adds a delay to prevent extra inputs while Gaming mode makes the keys hyper responsive.

### Polling Rate

The higher the polling rate, the more often the computer receives information about the status of your keyboard, thus reducing the keyboard's input latency. You can select from 125Hz all the way to 8000Hz.

### Sidebar

Clicking the Sidebar button ( ☰ ) will reveal all current key assignments for your Razer Huntsman V2 TKL.
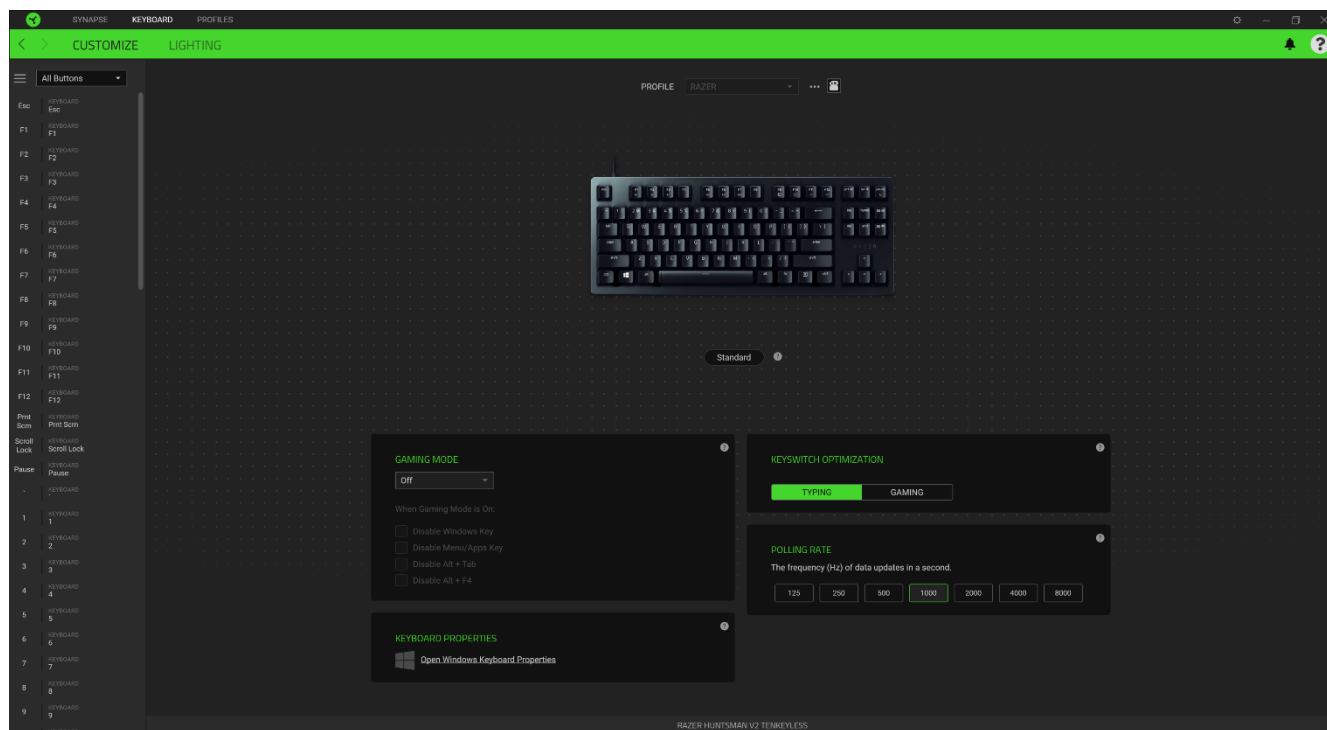
Alternatively, you can skip to a specific key assignment by selecting it on the Customize tab.
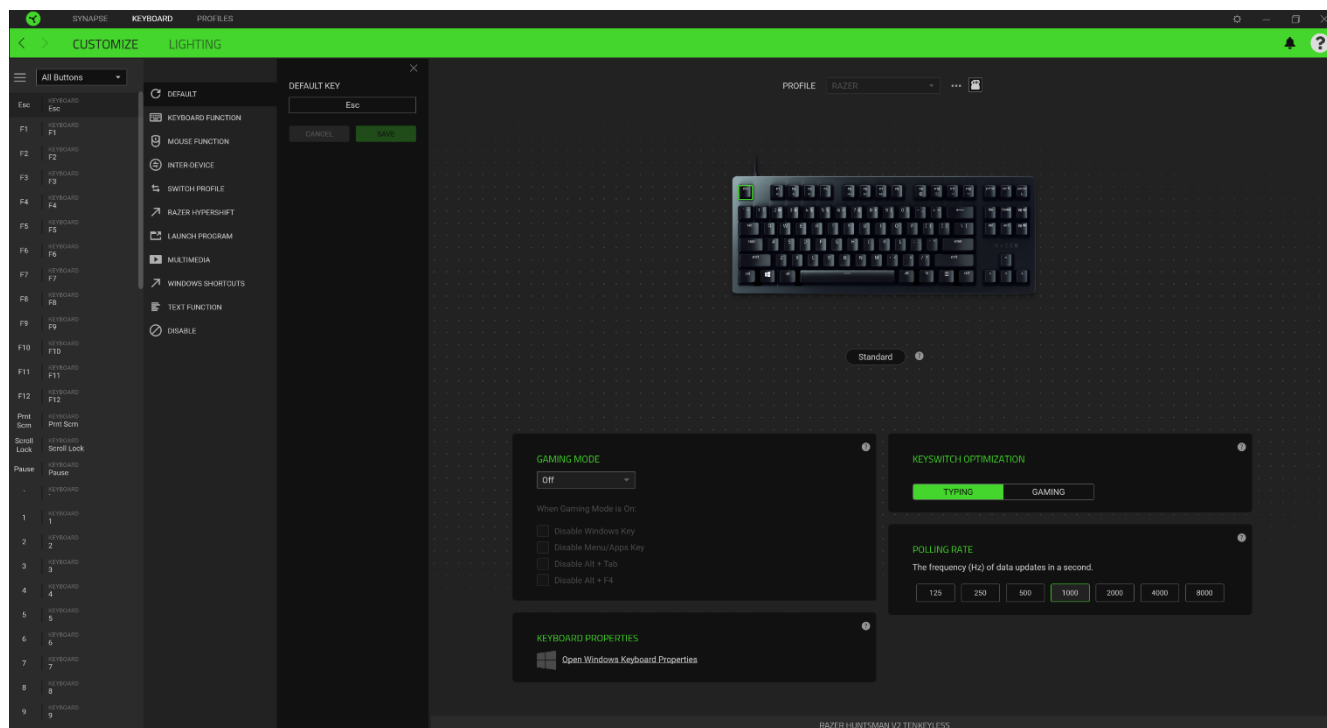


Upon selecting a key assignment, you may then change it to one of the following functions:

⟳ 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.

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

⇄ 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 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: 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.
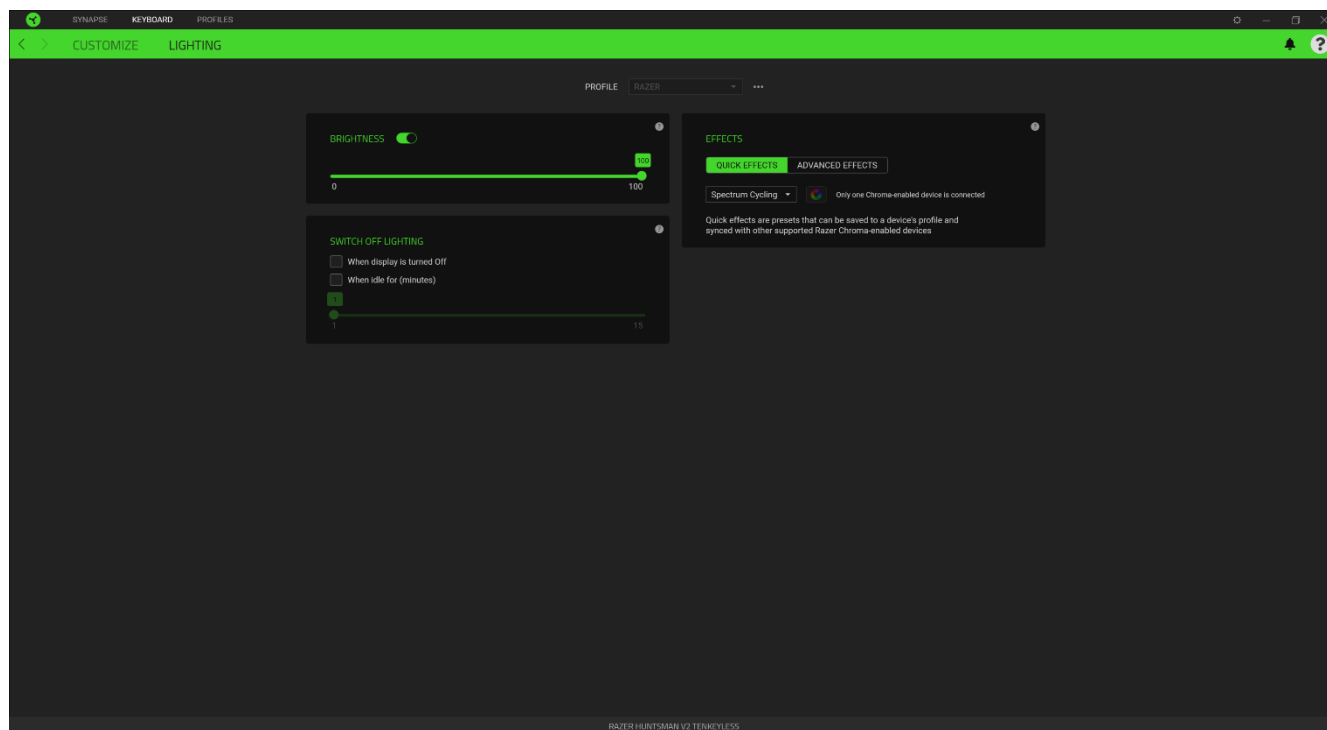


*Brightness*

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 Huntsman V2 TKL 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 |
| | 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 ( ).

*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 ( CHROMA STUDIO ). 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 games are linked to each device's profiles or which Chroma Effect is linked to specific games using the Devices subtab.
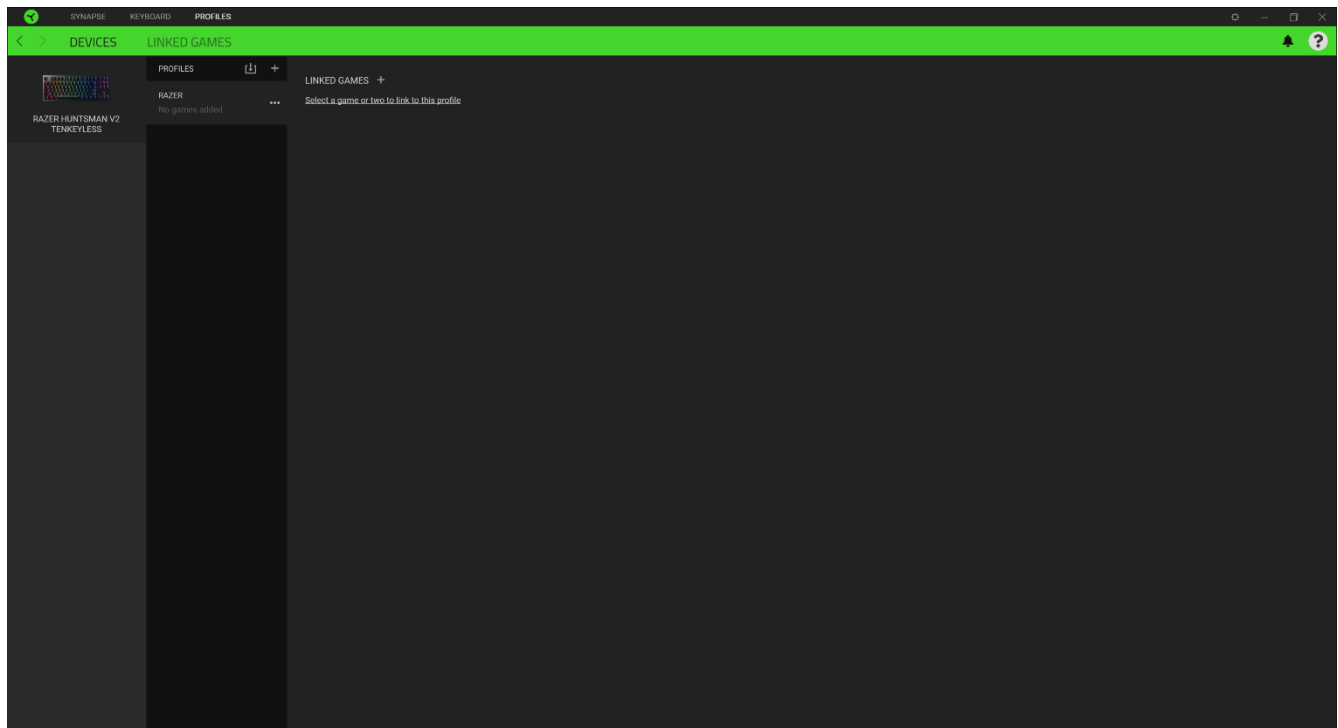


You can import Profiles / Chroma Effects from your computer or from the cloud through the import button ( ⬆ ), or create new profiles within the selected device or new Chroma Effects for specific games using the add button ( + ). To rename, duplicate, export, or delete a profile, simply press the Miscellaneous 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.
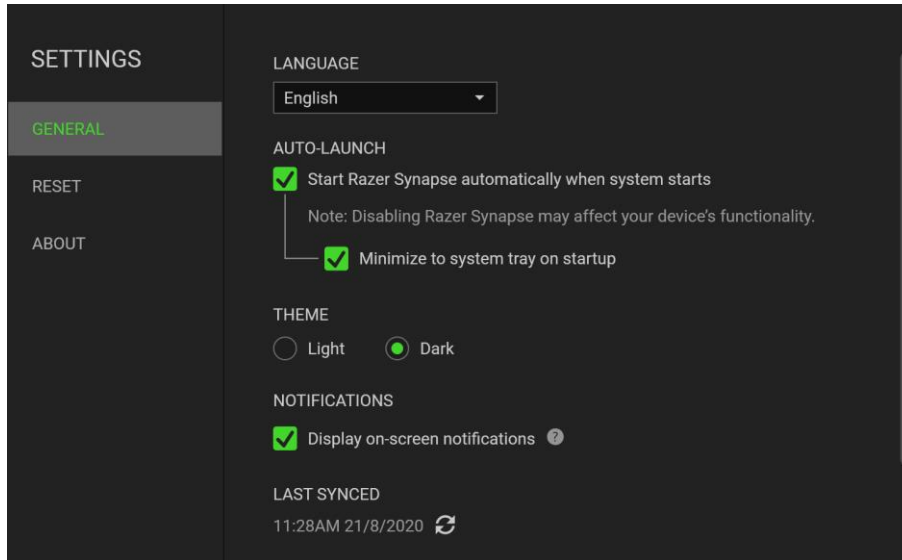


**General tab**

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 ( ⟳ ) 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.

ⓘ *By 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.

# 8. SAFETY AND MAINTENANCE

## SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Huntsman V2 TKL, 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°C (32°F) to 40°C (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 TKL.

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 TKL 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.

# 9. LEGALESE

## COPYRIGHT AND INTELLECTUAL PROPERTY INFORMATION

©2021 Razer Inc. All rights reserved. Razer, the triple-headed snake logo, Razer logo, "For Gamers. By Gamers.", and "Powered by Razer Chroma" logo are trademarks or registered trademarks of Razer Inc. and/or affiliated companies in the United States or other countries. All other trademarks are the property of their respective owners.

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Razer Inc. ("Razer") may have copyright, trademarks, trade secrets, patents, patent applications, or other intellectual property rights (whether registered or unregistered) concerning the product in this guide. Furnishing of this guide does not give you a license to any such copyright, trademark, patent or other intellectual property right. The Razer Huntsman V2 TKL (the "Product") may differ from pictures whether on packaging or otherwise. Razer assumes no responsibility for such differences or for any errors that may appear. Information contained herein is subject to change without notice.

## LIMITED PRODUCT WARRANTY

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

## LIMITATION OF LIABILITY

Razer shall in no event be liable for any lost profits, loss of information or data, special, incidental, indirect, punitive or consequential or incidental damages, arising in any way out of distribution of, sale of, resale of, use of, or inability to use the Product. In no event shall Razer's liability exceed the retail purchase price of the Product.

## GENERAL

These terms shall be governed by and construed under the laws of the jurisdiction in which the Product was purchased. If any term herein is held to be invalid or unenforceable, then such term (in so far as it is invalid or unenforceable) shall be given no effect and deemed to be excluded without invalidating any of the remaining terms. Razer reserves the right to amend any term at any time without notice.

# RAZER OROCHI V2

MASTER GUIDE

Introducing the **Razer Orochi V2**—a compact, ultra-lightweight wireless gaming mouse with the longest battery life in the market for peerless portable performance. Armed with an upgraded sensor and switches for crisp control, it's the perfect partner for gaming on the go.

# CONTENTS

# 1. WHAT'S INSIDE / WHAT'S NEEDED

## WHAT'S INSIDE

- Razer Orochi V2
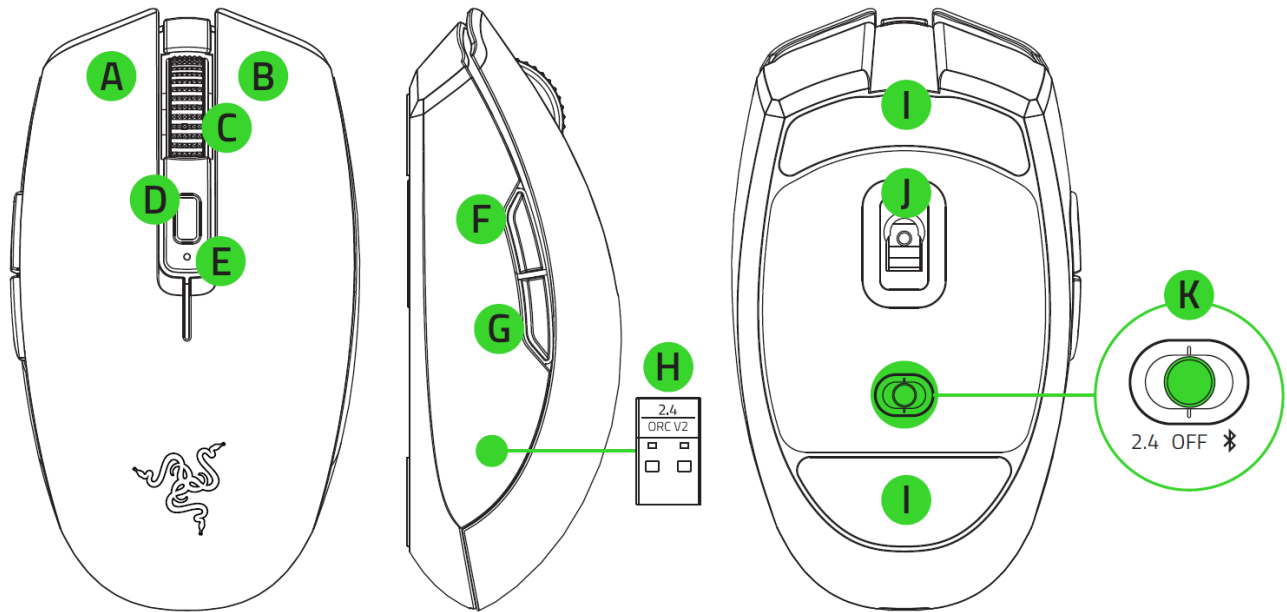


A. Left mouse button
B. Right mouse button
C. Scroll wheel
D. DPI cycle button
E. Status indicator
F. Mouse button 5
G. Mouse button 4

H. Wireless USB dongle
I. Ultraslick mouse feet
J. True 18K DPI 5G optical sensor
K. Slider switch
  - Razer™ HyperSpeed Wireless (2.4 Ghz) mode
  - Power off mode
  - Bluetooth mode

- 1 x AA battery
- Important Product Information Guide

🛈 *The DPI stages are as follows: 400, 800, 1600 (default), 3200 and 6400. The DPI stages can be customized using Razer Synapse.*

## WHAT'S NEEDED

### PRODUCT REQUIREMENTS

- USB-A port or Bluetooth 5.1 connectivity

- 1 x 1.5V AA battery*

### RAZER SYNAPSE REQUIREMENTS

- Windows® 7 64-bit (or higher)

- Internet connection for software installation

*Also compatible with a AAA battery (not included).*

# 2. 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
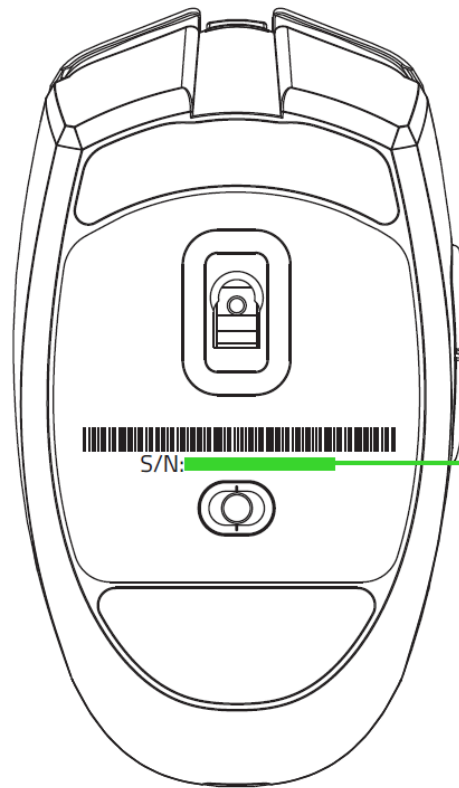
*Your product's serial number can be found here.*

Got a question? Ask the Razer Support Team at support.razer.com

# 3. TECHNICAL SPECIFICATIONS

## TECHNICAL SPECIFICATIONS

- True 18,000 DPI 5G optical sensor with 99.4% resolution accuracy
- Up to 450 inches per second (IPS) / 40 G acceleration
- Razer HyperSpeed wireless technology with support for dual-device operation on single dongle
- Dual-mode wireless (2.4GHz and BLE)
- Six independently programmable buttons
- 2nd-gen Razer™ Mechanical Mouse Switches rated for 60M clicks
- Symmetrical right-handed design
- Gaming-grade tactile scroll wheel
- Undyed PTFE mouse-feet
- AA/AAA battery slot (only one type at a time)
- On-The-Fly Sensitivity Adjustment (Default stages: 400/800/1600/3200/6400)
- On-board DPI and keymap storage
- Razer Synapse 3 enabled

## APPROXIMATE SIZE & WEIGHT

- Length: 108 mm / 4.25 in
- Width: 62.6 mm / 2.46 in
- Height: 38.5 mm / 1.5 in
- Weight: <60 g / <0.13 lbs (excluding battery)

# 4. GETTING STARTED

## INSERTING THE BATTERY

1. Remove the top cover of the mouse and insert the AA battery as indicated in the battery compartment.
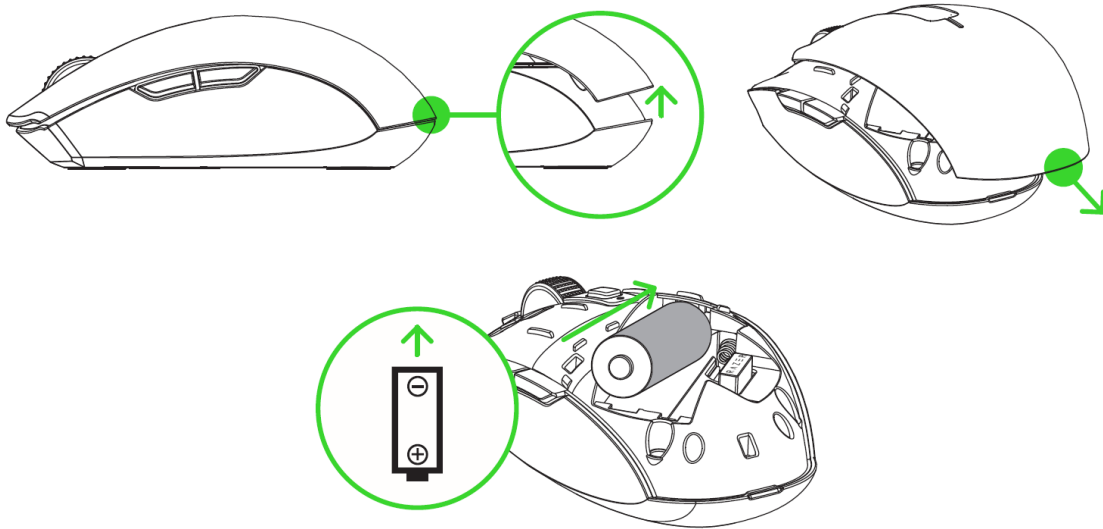
**Caution: The included AA battery is non-rechargeable. You may also use a AAA battery (not included) if preferred. Do not simultaneously use AA and AAA batteries; only one (1) battery is required to use the mouse. Dispose batteries in accordance with your local environmental laws. For your safety, use only lithium or alkaline batteries.**

2. Reattach the top cover onto the mouse and make sure that it is tightly secured.
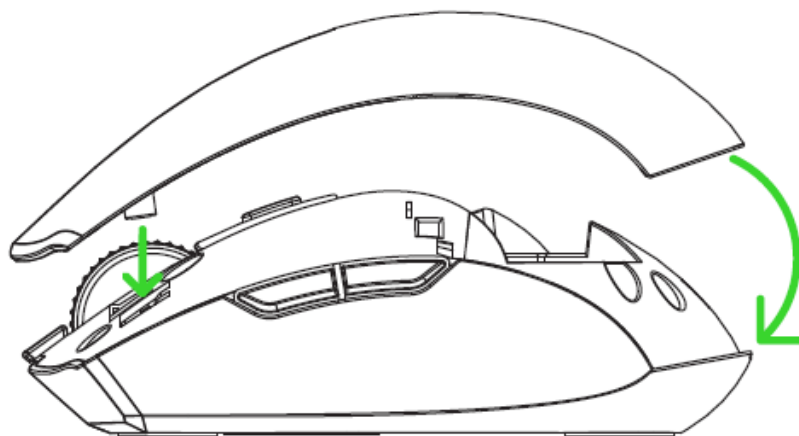
# CONNECTING YOUR MOUSE

### A. VIA RAZER™ HYPERSPEED WIRELESS (2.4 GHZ) MODE

1. Remove the top cover of the mouse and take out the wireless USB dongle.
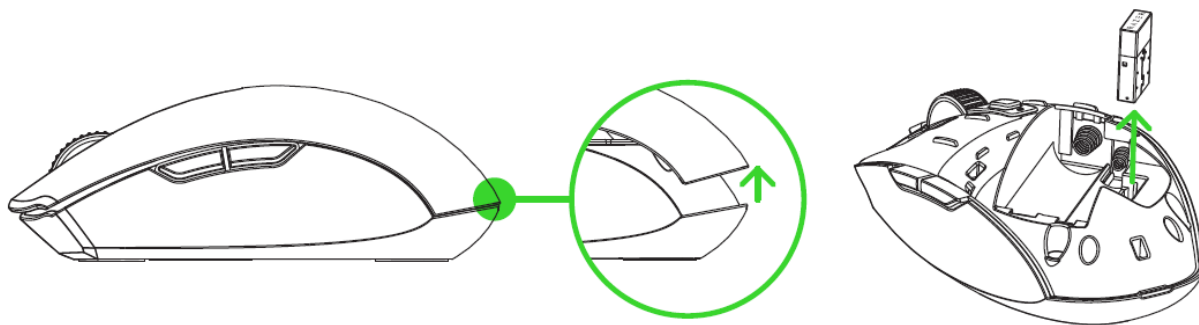


2. Close the top cover and insert the wireless USB dongle into the USB port of your PC.
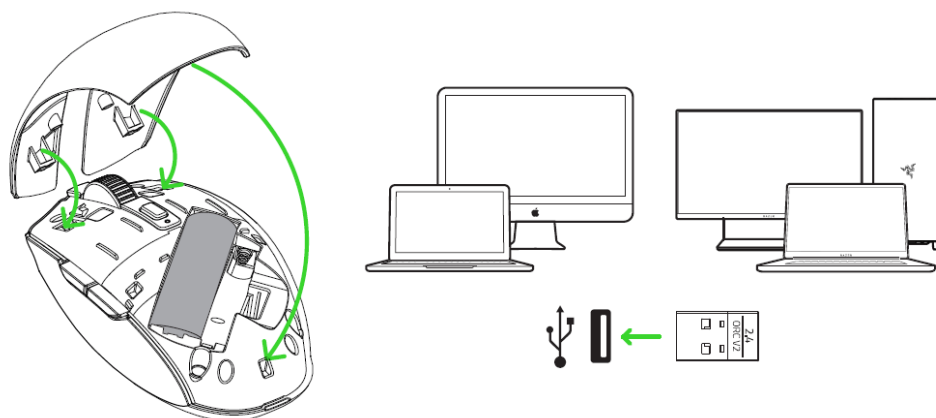


3. Push the slider switch to Razer™ HyperSpeed Wireless (2.4 GHz) mode. When connected, the status indicator will briefly turn static green.
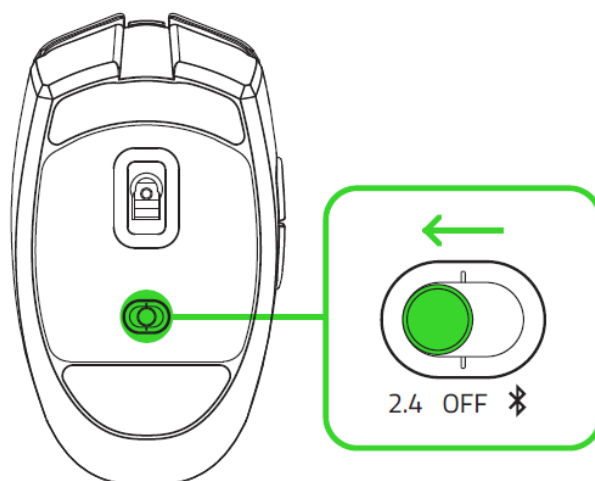


Your Razer Orochi V2 is now ready for use in wireless mode.

## B. VIA BLUETOOTH MODE

1. Push the slider switch to Bluetooth mode ( ⌾ ).
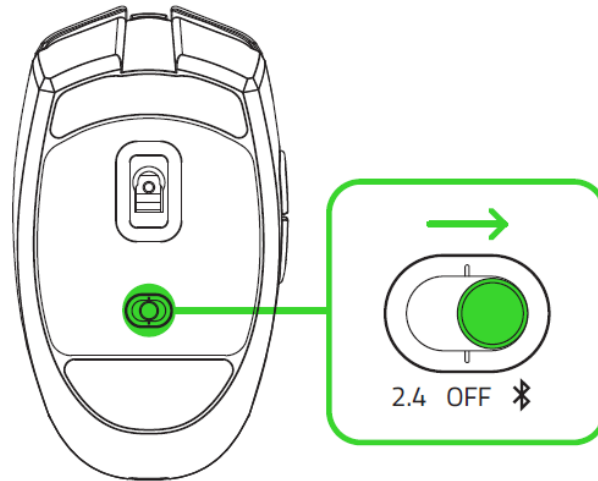


2. Press and hold the two side buttons and the DPI cycle button simultaneously for three seconds to activate pairing mode. The status indicator will blink twice in repeated intervals to show that the device is in pairing mode.
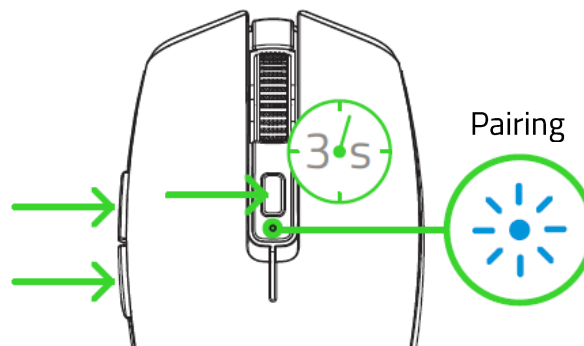


3. Activate Bluetooth on your device and select "Razer Orochi V2" from the list of devices found.
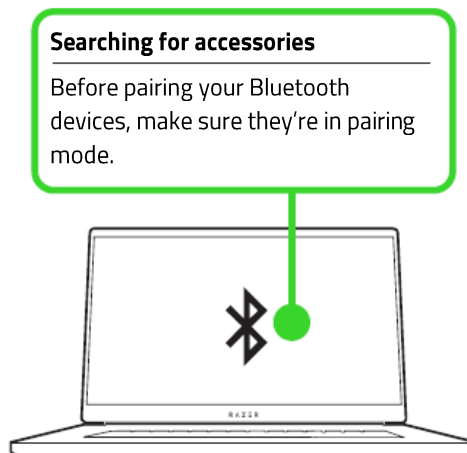
4.  Wait until the mouse pairs with your device. When paired, the status indicator will briefly turn static blue.
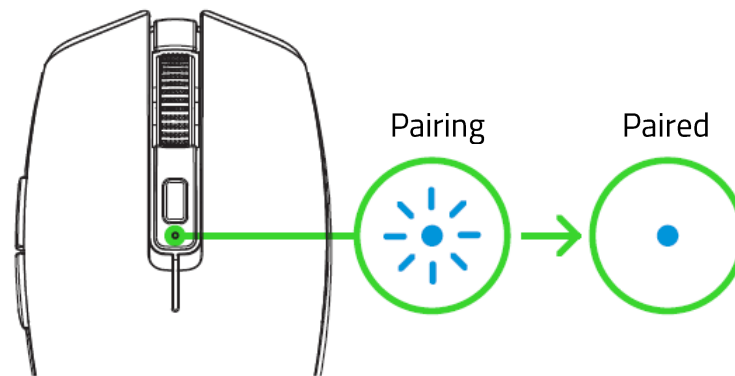


Pairing    Paired

> ⓘ  *Once paired, your Razer Orochi V2 will automatically reconnect to your device whenever in Bluetooth mode and within range. Keep the pairing devices within close proximity of each other for faster and more stable connection.*

Congratulations, your Razer Orochi V2 is now ready to use in Bluetooth mode.

## LOW BATTERY NOTIFICATION

The status indicator will blink red twice in repeated intervals to indicate that the battery level of the inserted battery is less than 5%. This lighting sequence will repeat until the battery is fully drained. Once you receive this notification, it's time to replace the battery.
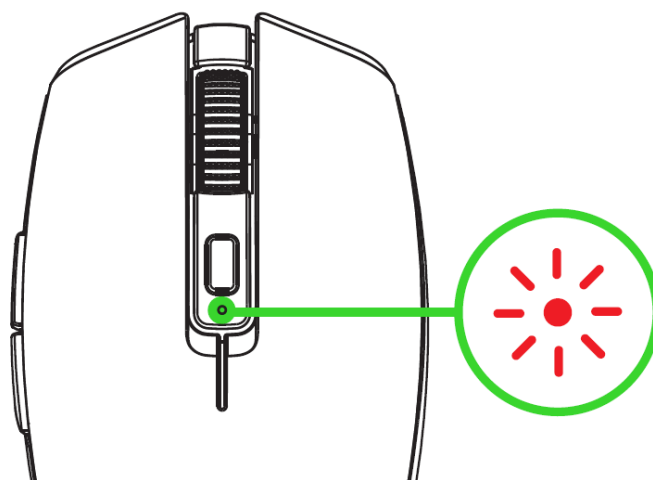


> ❗  *The indicator percentage can be customized through Razer Synapse.*

# PERSONALIZING YOUR MOUSE WITH RAZER SYNAPSE

Change your mouse's DPI to match your playstyle with a press of the DPI cycle button or fine-tune your own sensitivity setting using the Razer Synapse app. The status indicator will briefly change its color to show which DPI stage is currently active.

| DPI | Designated color |
|-----|------------------|
| 400 | Red |
| 800 | Green |
| 1600 | Blue |
| 3200 | Cyan |
| 6400 | Yellow |

*DPI cycle button*

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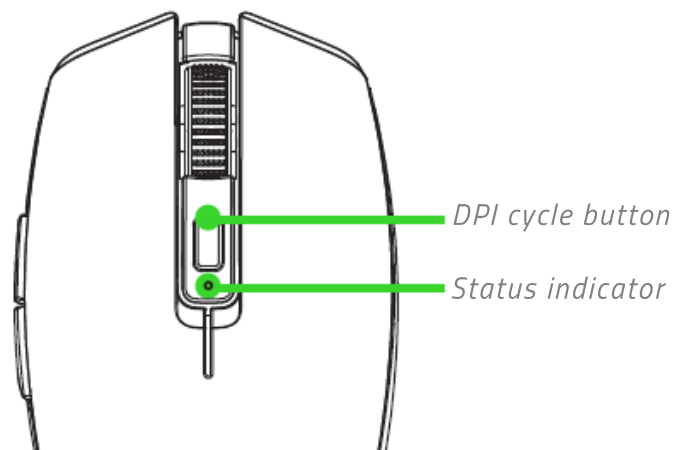
🛈 *Install Razer Synapse when prompted or download the installer from* razer.com/synapse

# 5. CONFIGURING YOUR RAZER OROCHI V2

ⓘ *Internet connection is required for installation, updates and cloud-based features. Registering for a Razer ID account is recommended, but optional. All listed features are subject to change based on the current software version, connected device(s), and supported apps and software.*

## SYNAPSE TAB

The Synapse tab is your default tab when you first launch Razer Synapse. This tab allows you to navigate the Dashboard subtab.

### Dashboard

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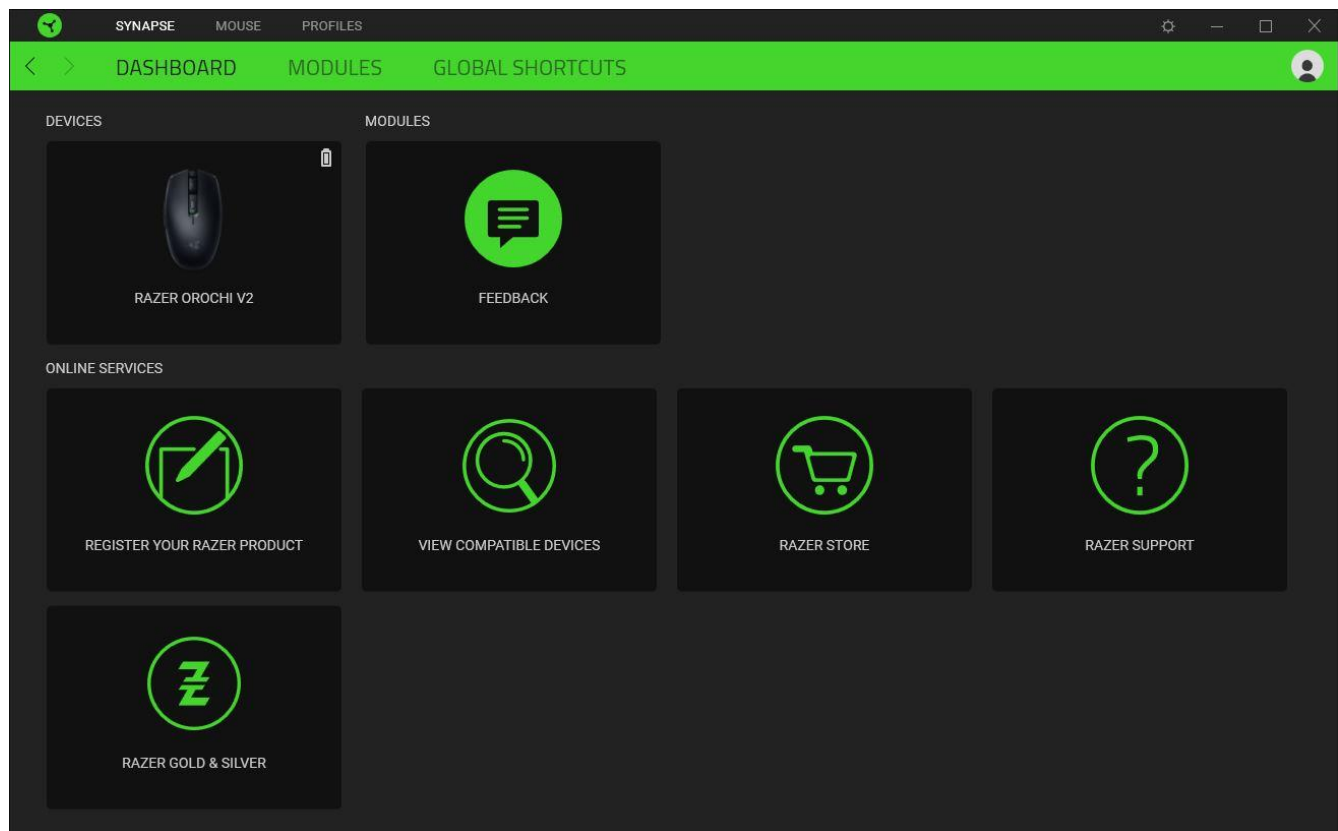
## Modules

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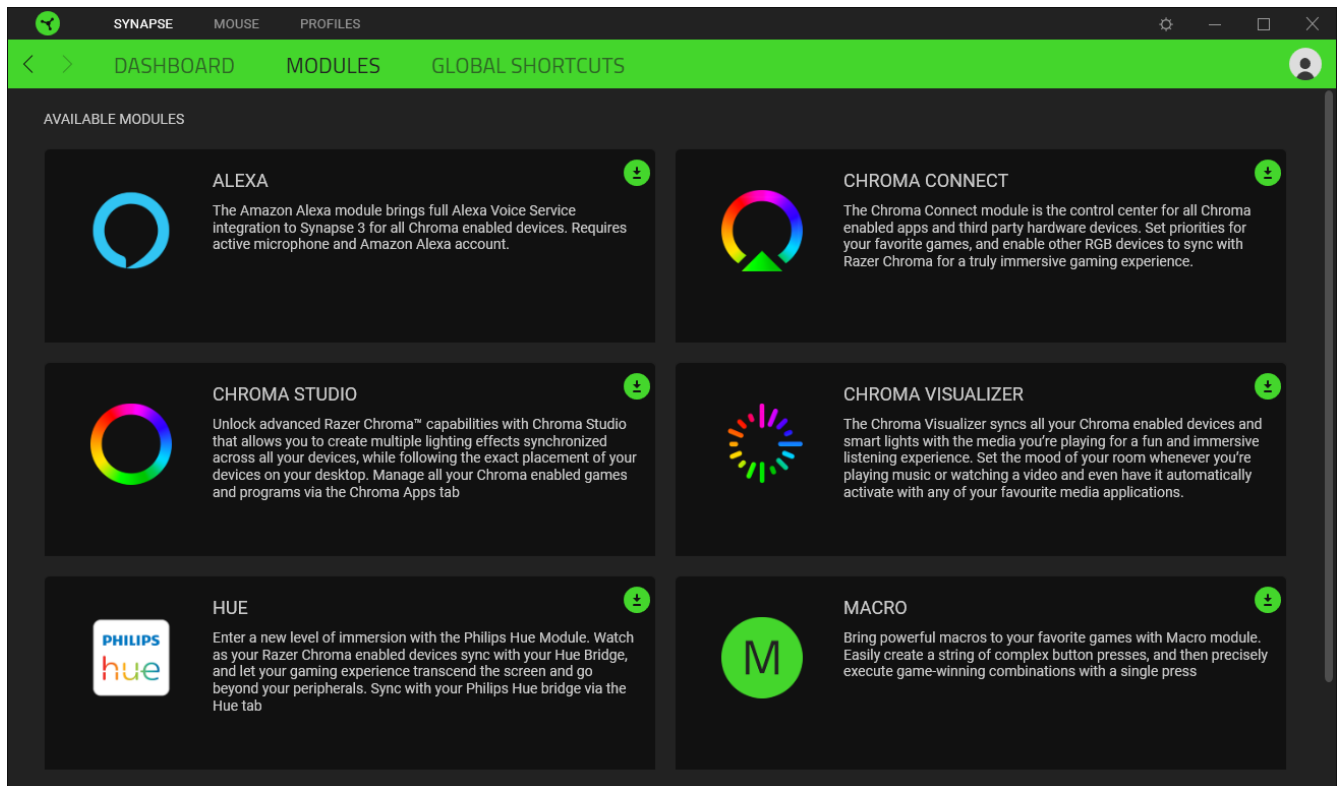


## Global Shortcuts

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

🛈 *Only Razer Synapse-enabled device inputs will be recognized.*
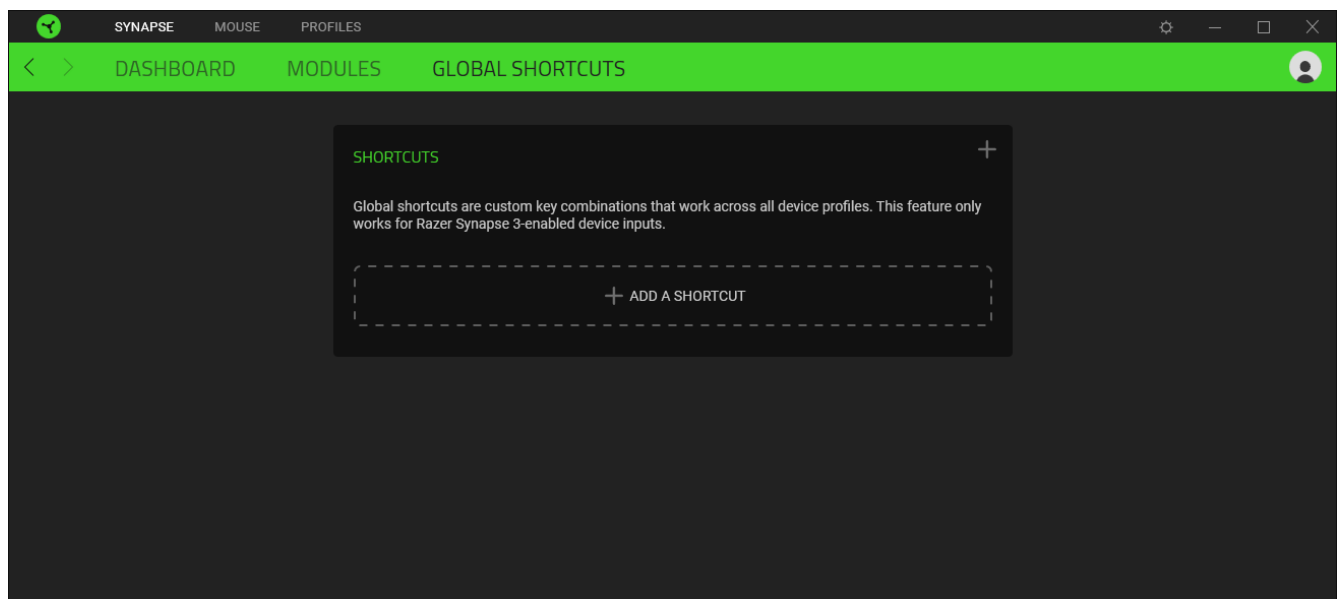
## MOUSE TAB

The Mouse tab is the main tab for your Razer Orochi V2. From here, you can change your device's settings such as button assignment and DPI sensitivity. Changes made under this tab are automatically saved to your system and cloud storage.

### Customize

The Customize subtab is for modifying your mouse's button assignments.
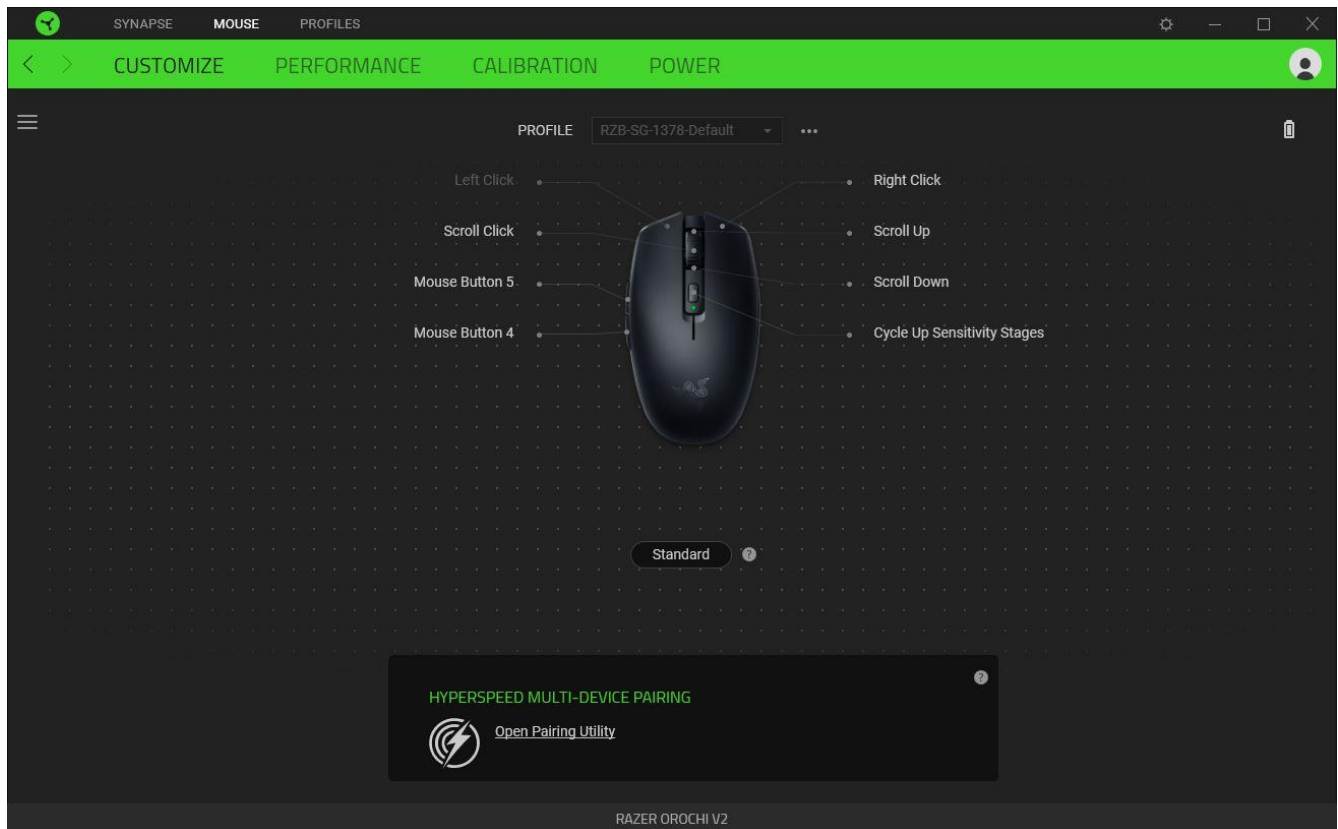


*Profile*

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 Miscellaneous button ( ••• ).

*Standard / Hypershift*

Hypershift mode is a secondary set of button 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 mouse button as a Hypershift key.

## *HyperSpeed Multi-Device Pairing*

Use this feature to pair an additional HyperSpeed-compatible device with the wireless USB dongle of your Razer Orochi V2. As its wireless USB dongle can support a keyboard and mouse at the same time, you'll be able to remove the usage of separate dongles for each peripheral.

> ⓘ  *Your Razer Orochi V2 must be connected via HyperSpeed (2.4 GHz) wireless mode to use this feature. Each peripheral can only connect to one dongle at a time.*

*Sidebar*

Clicking the Sidebar button ( ≡ ) will reveal all current button assignments for your Razer Orochi V2.
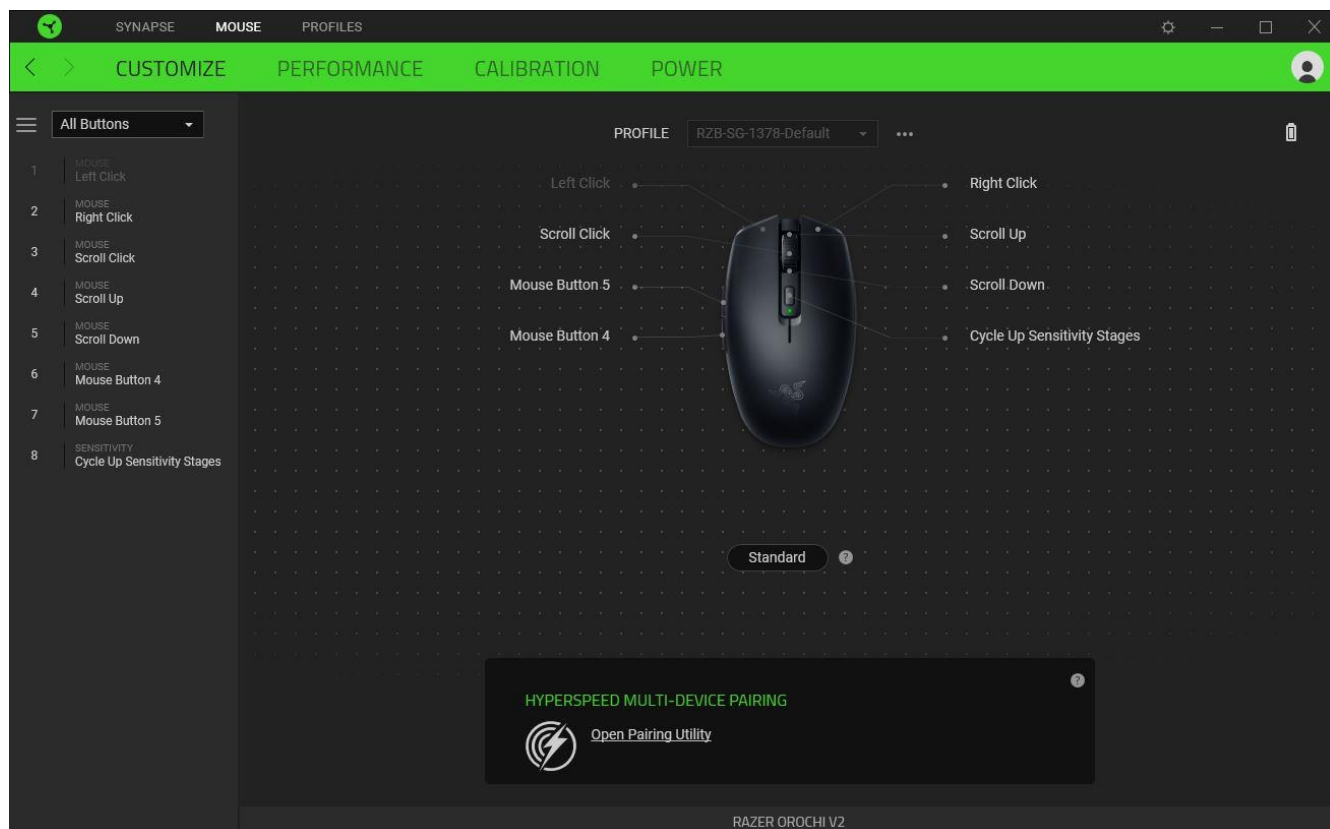


Alternatively, you can skip to a specific button assignment by selecting it on the Customize tab.

⟳ Default

This option enables you to return the mouse button to its original setting.

⌨ Keyboard Function

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

🖱 Mouse Function

This option substitutes the current button assignment into another 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.

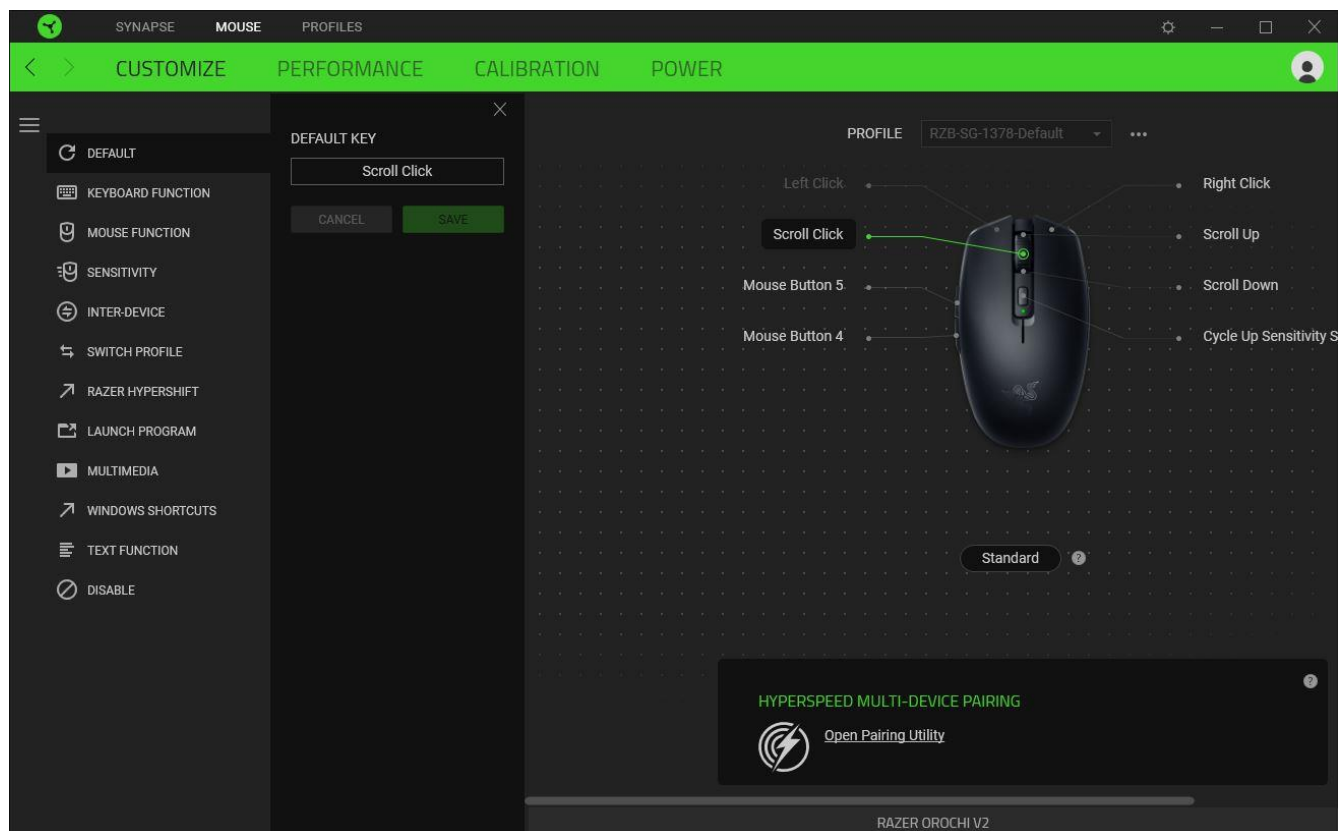You can also choose to enable Turbo mode in some of the mouse functions which allow you to emulate repeatedly pressing and releasing said function while the button is held down.

⚙ Sensitivity

This function allows you to manipulate the DPI setting of your Razer Orochi V2 with a touch of a button. Listed below are the Sensitivity options and their description:

- Sensitivity Clutch - Changes the sensitivity to a predefined DPI while the designated button is held down. Releasing the button will return it to the previous sensitivity.
- Sensitivity Stage Up - Increases the current sensitivity by one stage.
- Sensitivity Stage Down - Decreases the current sensitivity by one stage.
- On-The-Fly Sensitivity - Pressing the designated button and moving the scroll wheel either up or down will increase or decrease the current DPI respectively.

- Cycle Up Sensitivity Stages - Increases the current sensitivity stage by one. Once it reaches the highest sensitivity stage, it will return to stage 1 when the button is pressed again.

- Cycle Down Sensitivity Stages - Decreases the current sensitivity stage by one. Once it reaches stage 1, it will return to the highest sensitivity stage when the button is pressed again. Learn more about Sensitivity Stages

M Macro

A Macro is a prerecorded sequence of keystrokes and button presses that is executed with precise timing. By setting the button 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 button assignments. An on-screen notification will appear whenever you switch profiles.

Razer Hypershift

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

Launch Program

Launch Program enables you to open an app or a website using the assigned button. 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 button 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 button. Simply write your desired text on the given field and your text will be typed whenever the assigned button is pressed. This function has full Unicode support and you can also insert special symbols from character maps.

⊘ Disable

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

**Performance**

The Performance subtab allows you to modify the sensitivity, acceleration, and polling rate.
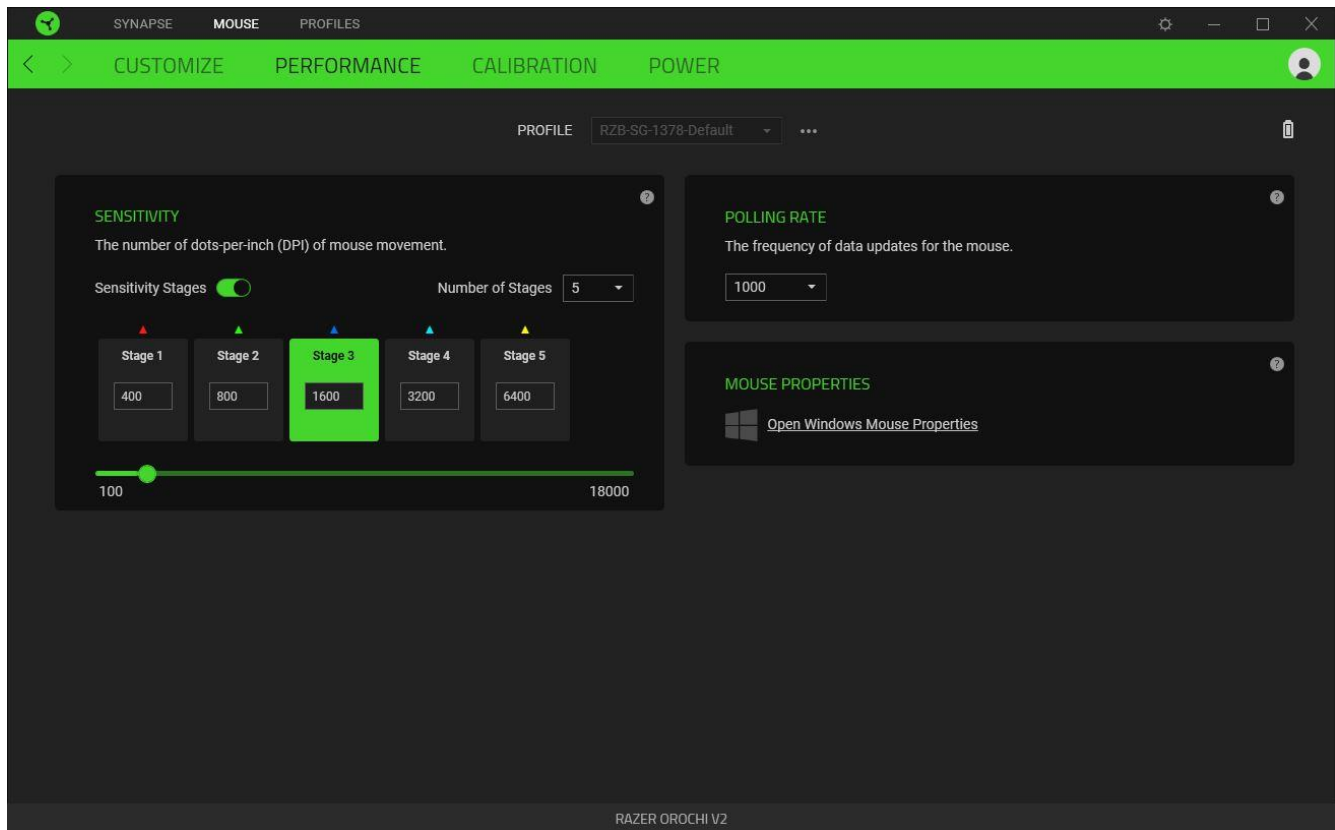


*Sensitivity*

Sensitivity refers to the distance the cursor will travel based on how far the mouse moved. The higher the DPI, the farther the cursor will travel given the same distance of mouse movement.

Sensitivity Stages

A sensitivity stage is a preset sensitivity value. You can create up to 5 different sensitivity stages which you can cycle through using the DPI cycle button.

*Polling Rate*

The higher the polling rate, the more often the computer receives information about the status of your mouse, thus increasing the mouse pointer's reaction time. You can switch between 125Hz (8ms), 500Hz (2ms) and 1000Hz (1ms) by selecting your desired polling rate on the dropdown menu.

*Mouse Properties*

From here, you can access the Windows Mouse Properties where you modify operating system settings that can directly affect your Razer Orochi V2.

## Calibration

The Calibration subtab allows you to optimize your Razer Precision Sensor to any surface for better tracking.

### *Smart Tracking*

Smart Tracking enables you to set the distance at which the sensor stops tracking when it is lifted from its surface to avoid unwanted cursor movement.
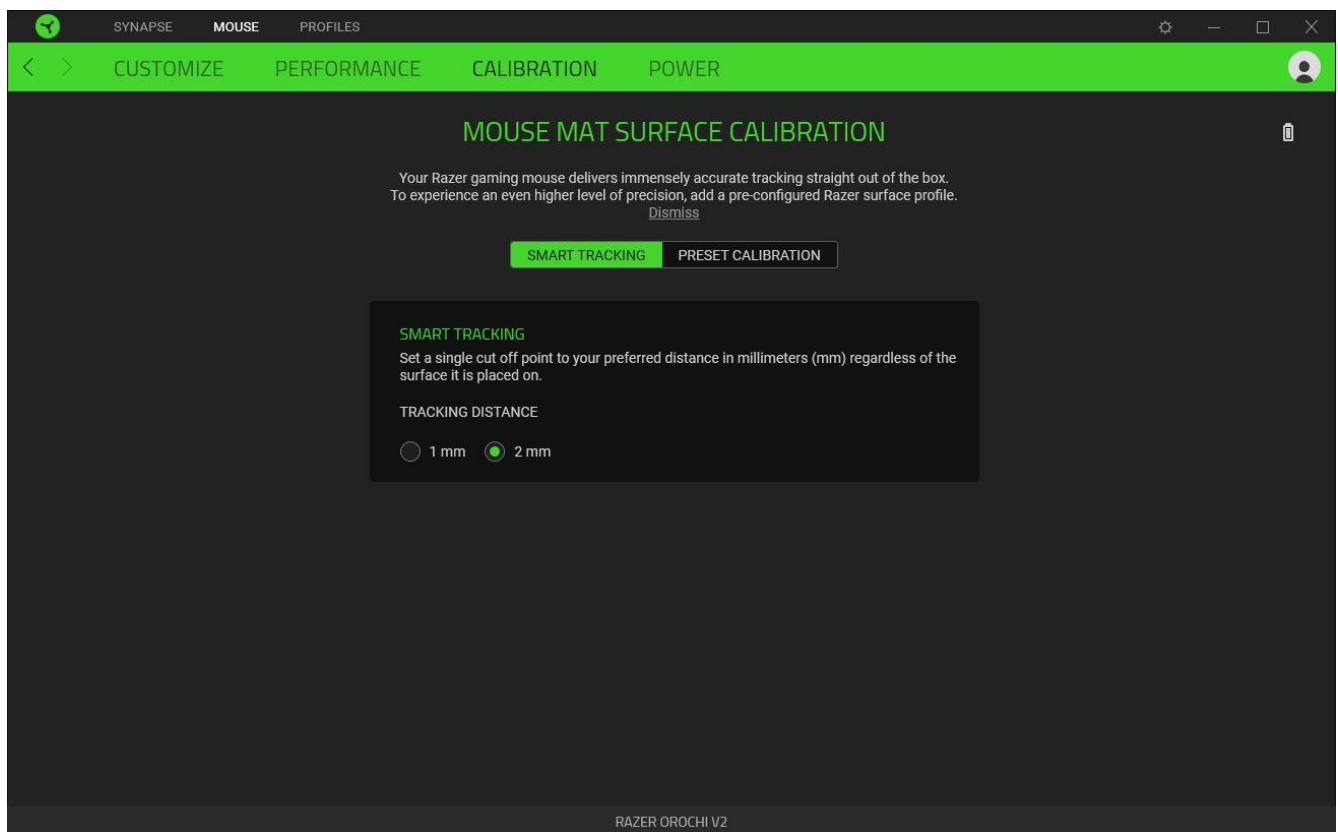
*Preset Calibration*

To use this feature, you must click the Add A Surface option where you can select from a comprehensive list of Razer mouse mats.
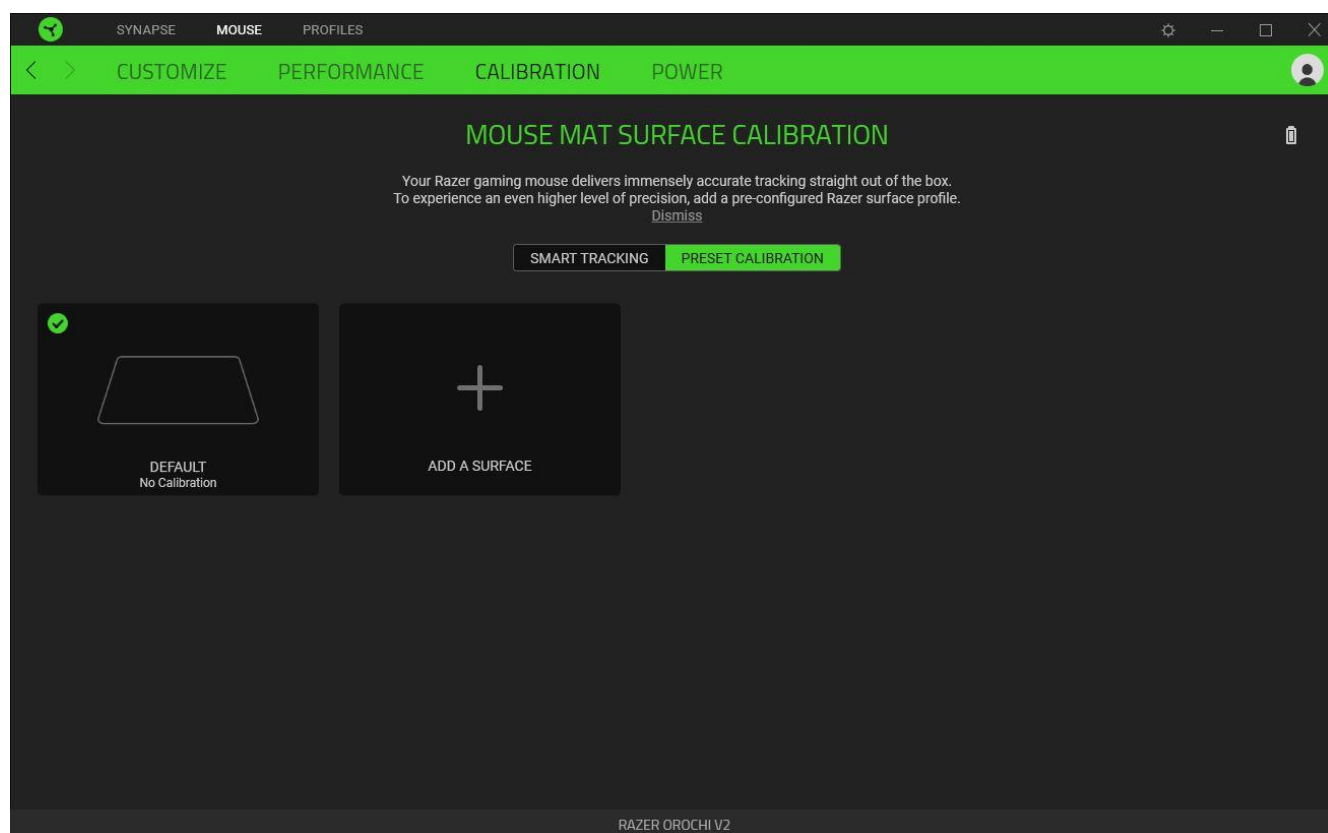
# Power

The Power subtab allows you to manage your device's energy consumption when running on batteries. You can also set your device to enter sleep mode when it has been idle for a certain amount of time.

# 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.



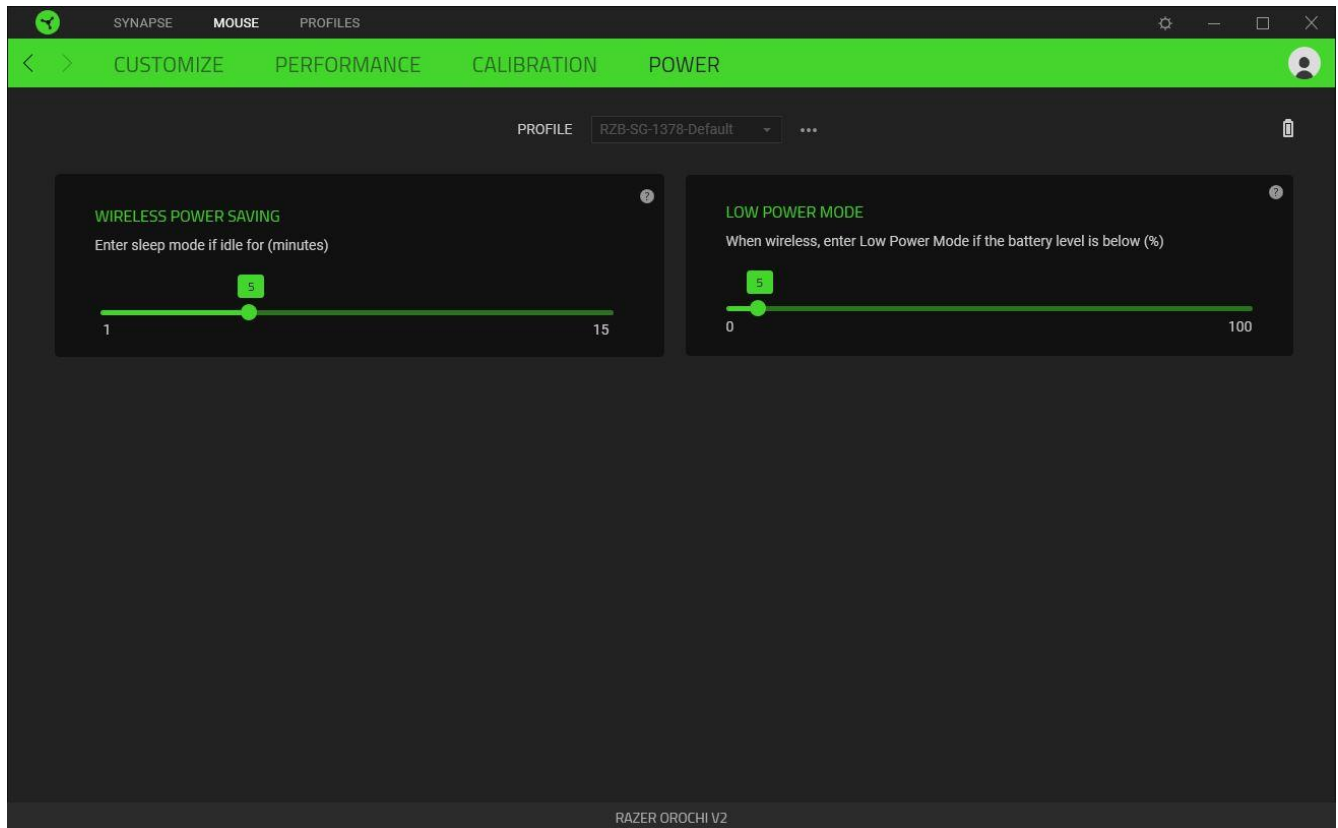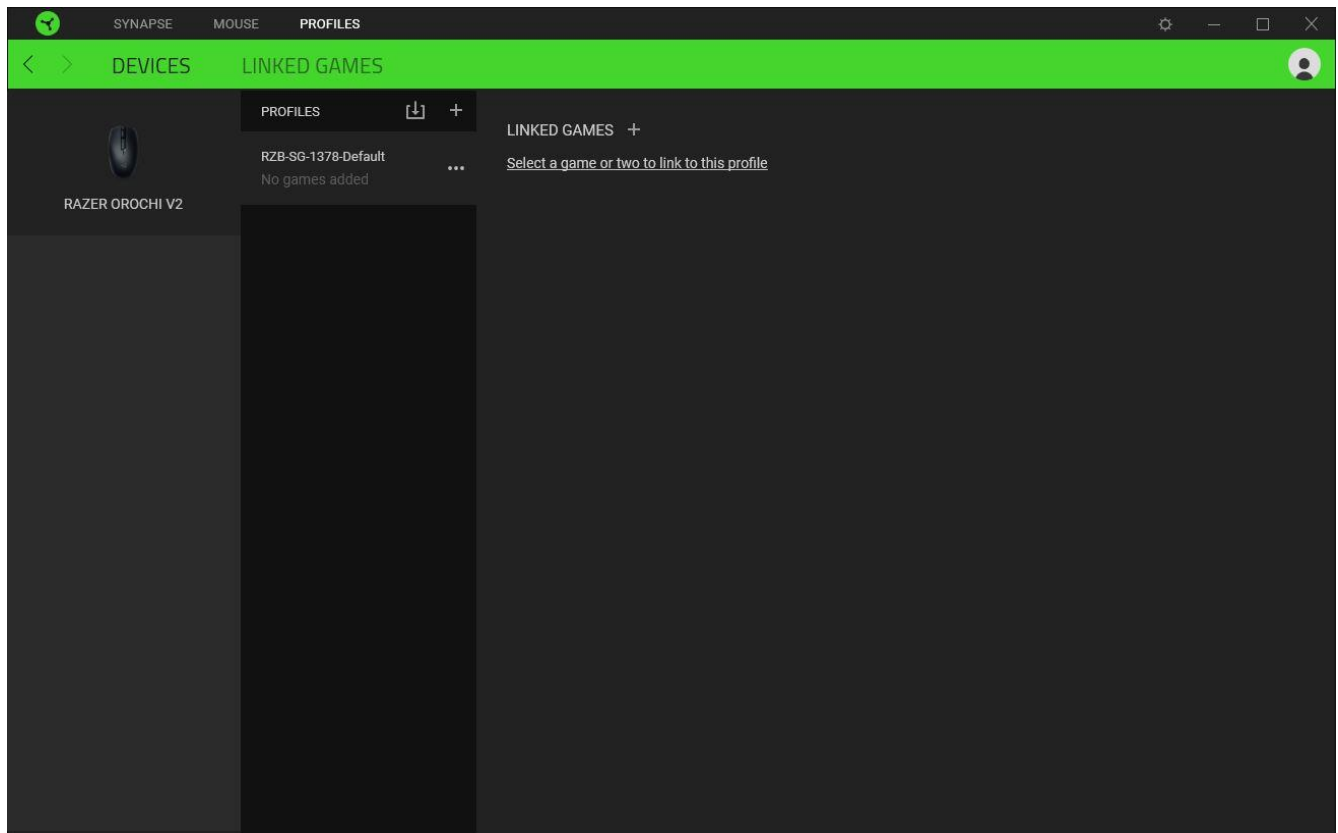You can import Profiles from your computer or from the cloud through the import button ( ⎙ ) or create new profiles within the selected device using the add button ( ＋ ). To rename, duplicate, export, or delete a profile, simply press the Miscellaneous button ( ●●● ). Each profile can be set to automatically 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 devices 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, enables you to configure the startup behavior and display language of Razer Synapse, view the master guides of each connected Razer device, or perform factory reset on any connected Razer device.
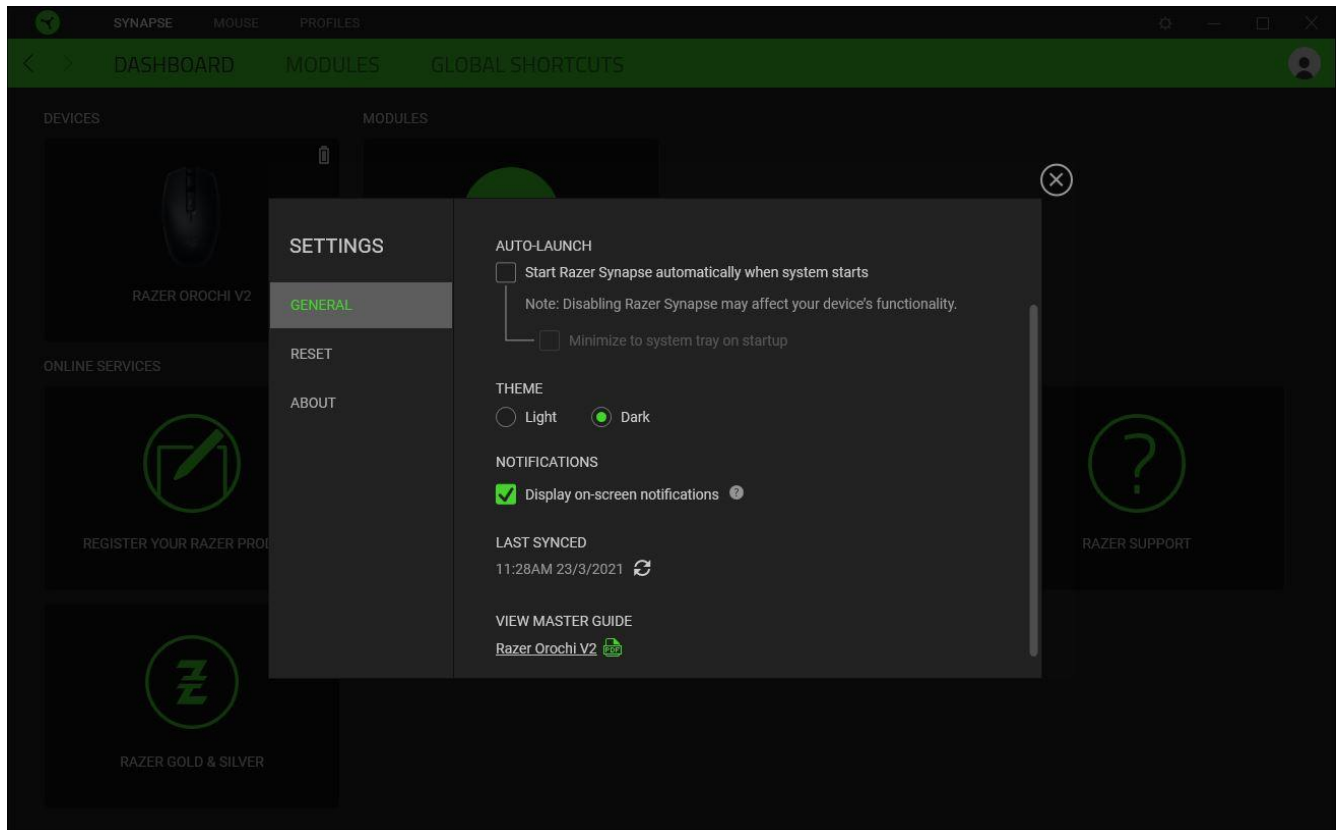


**General tab**

The default tab of the Settings window. The General tab enables you to change the software's display language, start-up behavior, display theme, and on-screen notifications display. You may also manually sync your profiles to the cloud ( ⟳ ) or view the master guide of all connected Razer devices and installed modules.

**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 tutorials to acquaint yourself again with Razer Synapse's new features on its next launch.

⚠ *By 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.

# 6. SAFETY AND MAINTENANCE

## SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Orochi V2, 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°C (32°F) to 40°C (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 Orochi V2.

- 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.
- Adjust the height of your chair and table so that the keyboard and mouse are at or below elbow-height.
- Keep your feet well supported, posture straight and your shoulders relaxed.
- 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.
- Do not rest your wrists on hard surfaces for long periods. Use a wrist rest to support your wrist while gaming.
- 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 mouse, 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 Orochi V2 requires minimum maintenance to keep it in optimum condition. Once a month we recommend you clean the device using a soft cloth or cotton swab to prevent dirt buildup. Do not use soap or harsh cleaning agents.

To get the ultimate experience in movement and control, we highly recommend a premium mouse mat from Razer. Some surfaces will cause undue wear on the feet requiring constant care and eventual replacement.

Do note that the sensor of the Razer Orochi V2 is 'tuned' or optimized especially for the Razer mouse mats. This means that the sensor has been tested extensively to confirm that the Razer Orochi V2 reads and tracks best on Razer mouse mats.

# 7. LEGALESE

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