

RAZER DEATHADDER ESSENTIAL

MASTER GUIDE

The **Razer DeathAdder Essential** is the essential gaming mouse to kickstart a proper gaming rig. The 6,400 DPI optical sensor enables fast and precise swipes for great control, while an ergonomic form allows extended hours of gaming. It's also built for durability, featuring 5 Hyperesponse buttons that can go up to 10 million clicks.

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1. PACKAGE CONTENTS / SYSTEM REQUIREMENTS

PACKAGE CONTENTS

- Razer DeathAdder Essential
- Important Product Information Guide

SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS

- PC with a free USB port

RAZER SYNAPSE 3 REQUIREMENTS

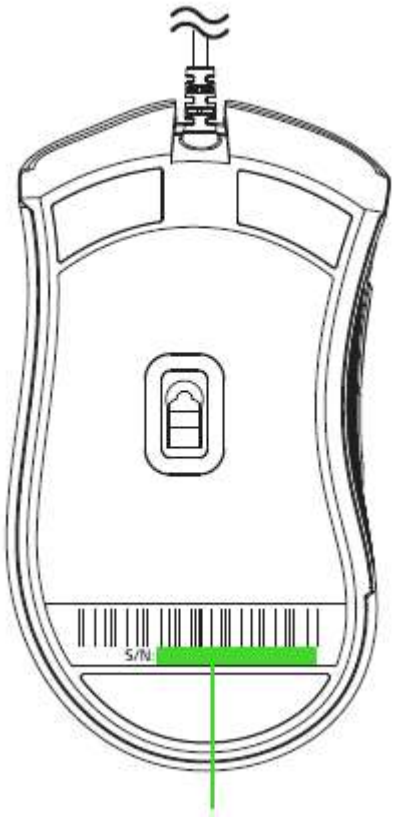
- Windows® 7 64-bit (or higher)
- Internet connection
- 500 MB of free hard disk space

2. REGISTRATION / TECHNICAL SUPPORT

REGISTRATION

Register your product online at razerid.razer.com/warranty to get real-time information on your product's warranty status.

If you haven't registered for a Razer ID yet, register now at razerid.razer.com to get a wide range of Razer benefits.



Your product's serial number can be found here.

TECHNICAL SUPPORT

- 2 years limited manufacturer's warranty.
- Free online technical support at support.razer.com.

3. TECHNICAL SPECIFICATIONS

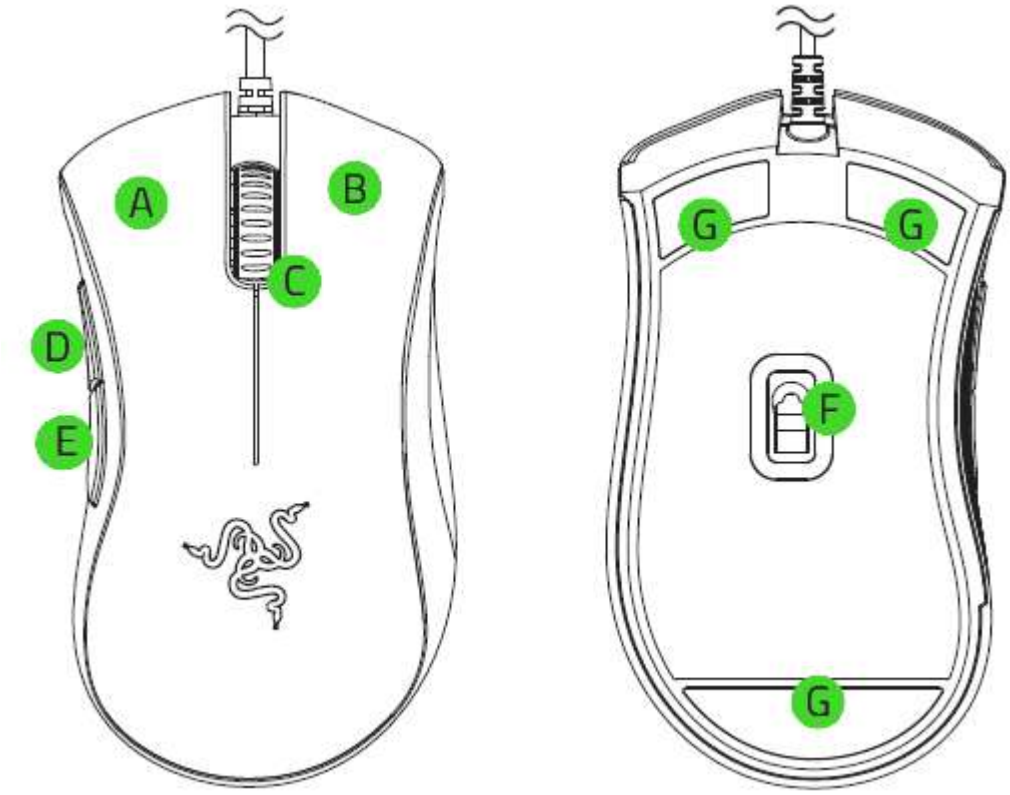
TECHNICAL SPECIFICATIONS

- True 6,400 DPI optical sensor
- Up to 220 inches per second (IPS) / 30 G acceleration
- Five independently programmable Hyperesponse buttons
- Razer™ Mechanical Mouse Switches with 10 million-click life cycle
- Gaming-grade tactile scroll wheel
- Ergonomic right-handed design
- 1000 Hz Ultrapolling
- Single-color green lighting
- Razer Synapse 3 (Beta) enabled

APPROXIMATE SIZE & WEIGHT

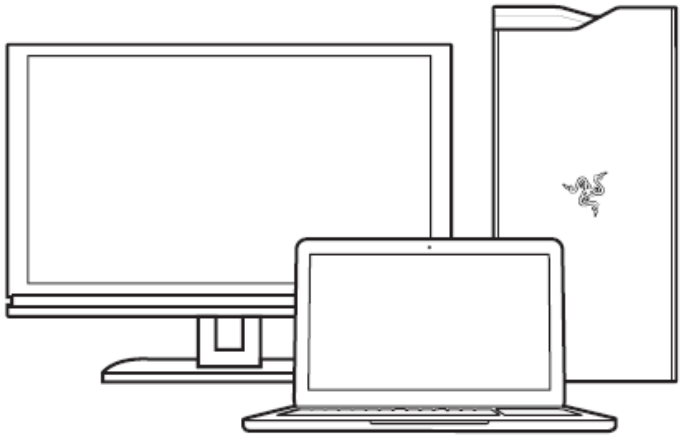
- Length: 127 mm / 5.0 in
- Width: 73.0 mm / 2.90 in
- Height: 43.0 mm / 1.70 in
- Weight: 96 g / 0.21 lbs
- Cable Length: 2.1 m / 6.89 ft

4. DEVICE LAYOUT



A. Left mouse button
B. Right mouse button
C. Scroll wheel
D. Mouse button 5
E. Mouse button 4
F. True 6,400 DPI optical sensor
G. Ultraslick mouse feet

5. INSTALLING RAZER SYNAPSE 3 FOR YOUR RAZER DEATHADDER ESSENTIAL





Step 1: Make sure your Razer device is connected to the USB port of your computer.

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

Step 3: Create your Razer ID or log in using an existing account.

**Applicable for Windows 8 or later.*

6. CONFIGURING RAZER DEATHADDER ESSENTIAL VIA RAZER SYNAPSE 3

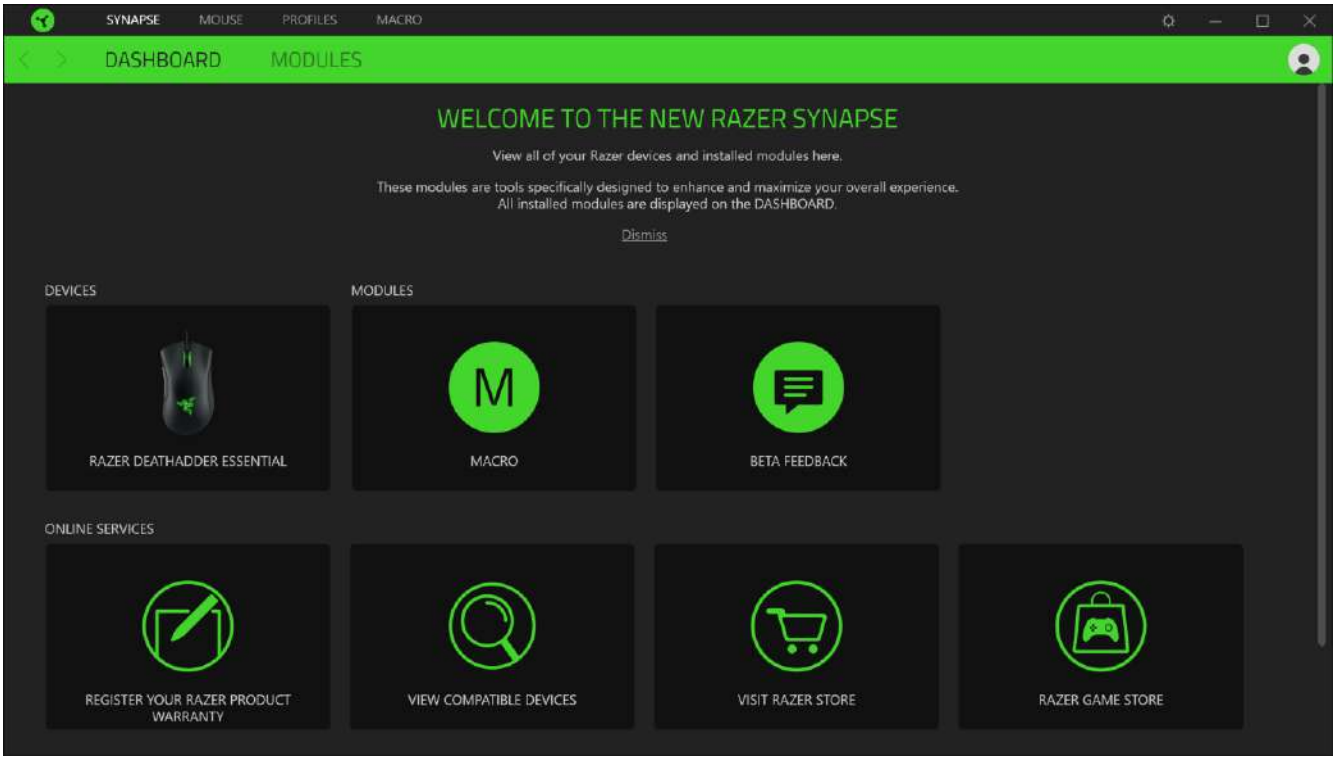
Disclaimer: The features listed here require you to log in to Razer Synapse. These features are also subject to change based on the current software version and your Operating System.

SYNAPSE

The Synapse tab is your default tab when you first launch Razer Synapse 3. This tab allows you to navigate the Dashboard subtab.

DASHBOARD

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

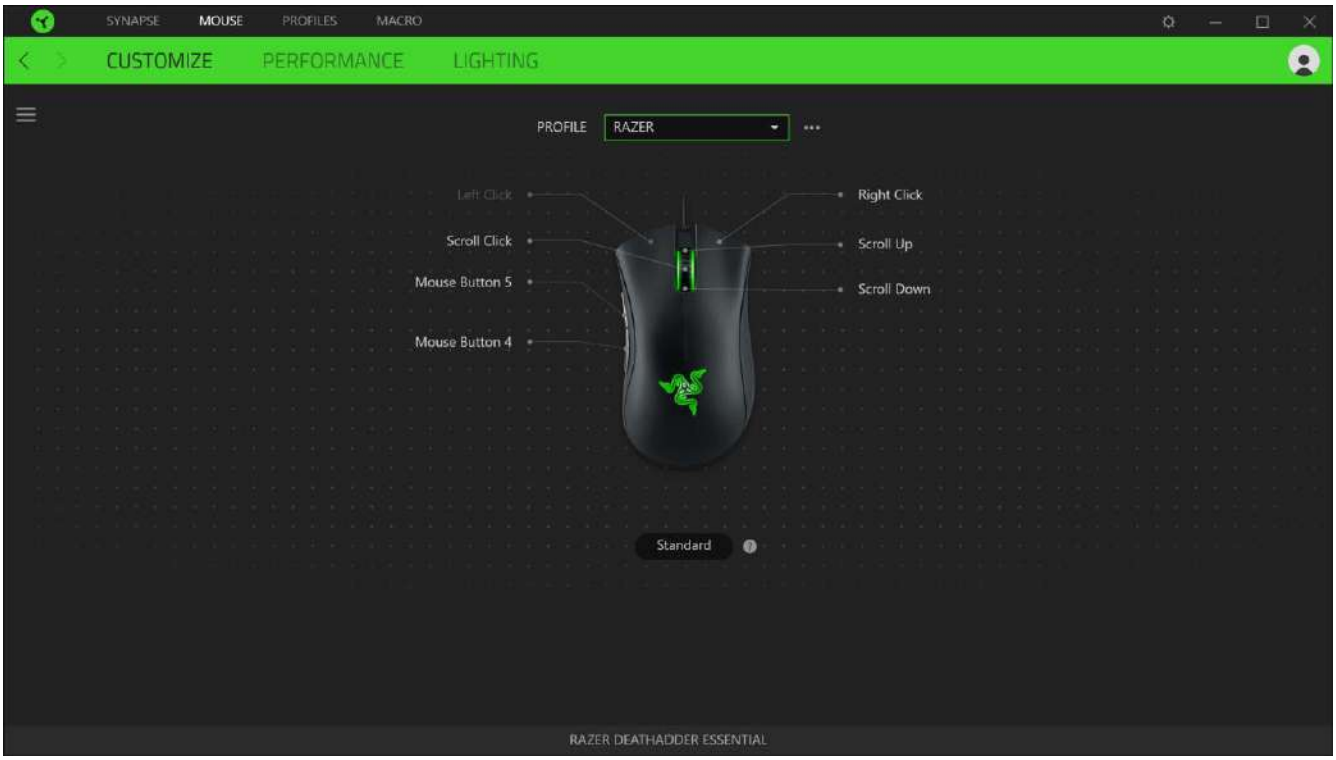


MOUSE

The Mouse tab is the main tab for your Razer DeathAdder Essential. From here, you can change your device's settings such as button assignment, DPI sensitivity, and lighting. 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.

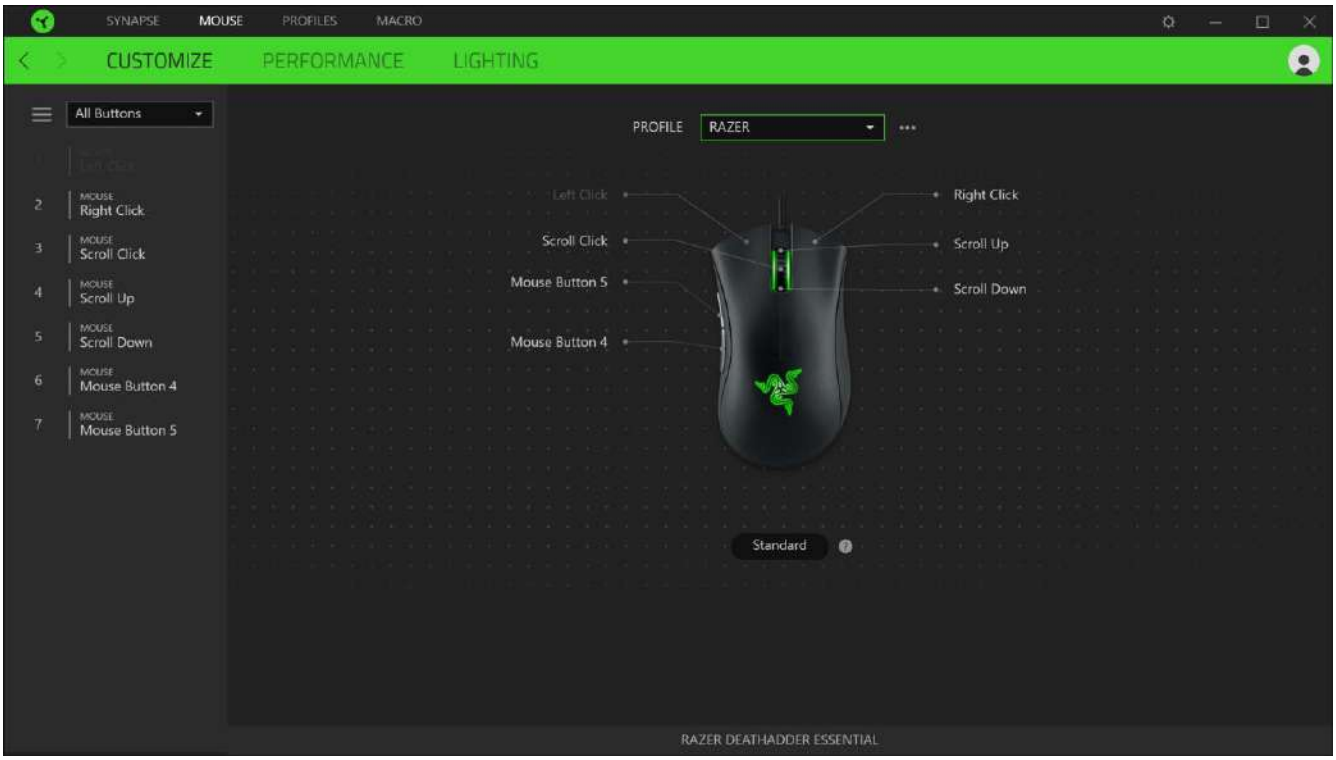


Hypershift

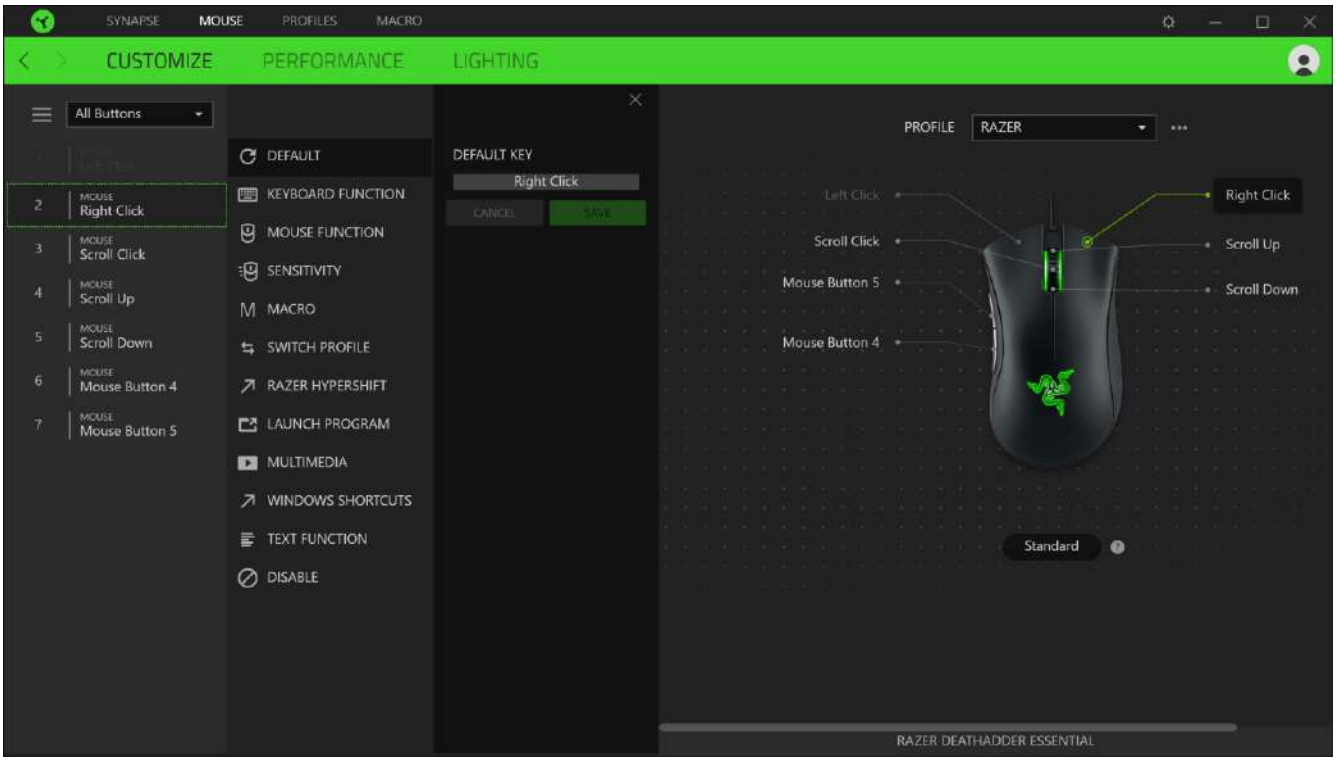
Hypershift mode is a secondary set of button assignments that is activated when the Hypershift key is held down. By default, the Hypershift key is assigned to the FN key of your Razer Synapse 3 supported keyboard however, you can also assign any mouse button as a Hypershift key.

Sidebar

Clicking the Sidebar button (☰) will reveal all current button assignments for your Razer DeathAdder Essential.



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



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

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 enable Turbo mode which allows you to emulate repeatedly pressing the 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.
- Repeat Scroll Up - Continuously performs a “Scroll Up” command while the assigned button is pressed.
- Repeat Scroll Down - Continuously performs a “Scroll Down” command while the assigned button is pressed.

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

Sensitivity

This function allows you to manipulate the DPI setting of your Razer DeathAdder Essential 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. Click here to learn more about Sensitivity Stages

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. Click here to learn more about Macros

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 the mouse button into a Windows Operating System shortcut command. For more information, please visit: http://support.microsoft.com/kb/126449

Text Function

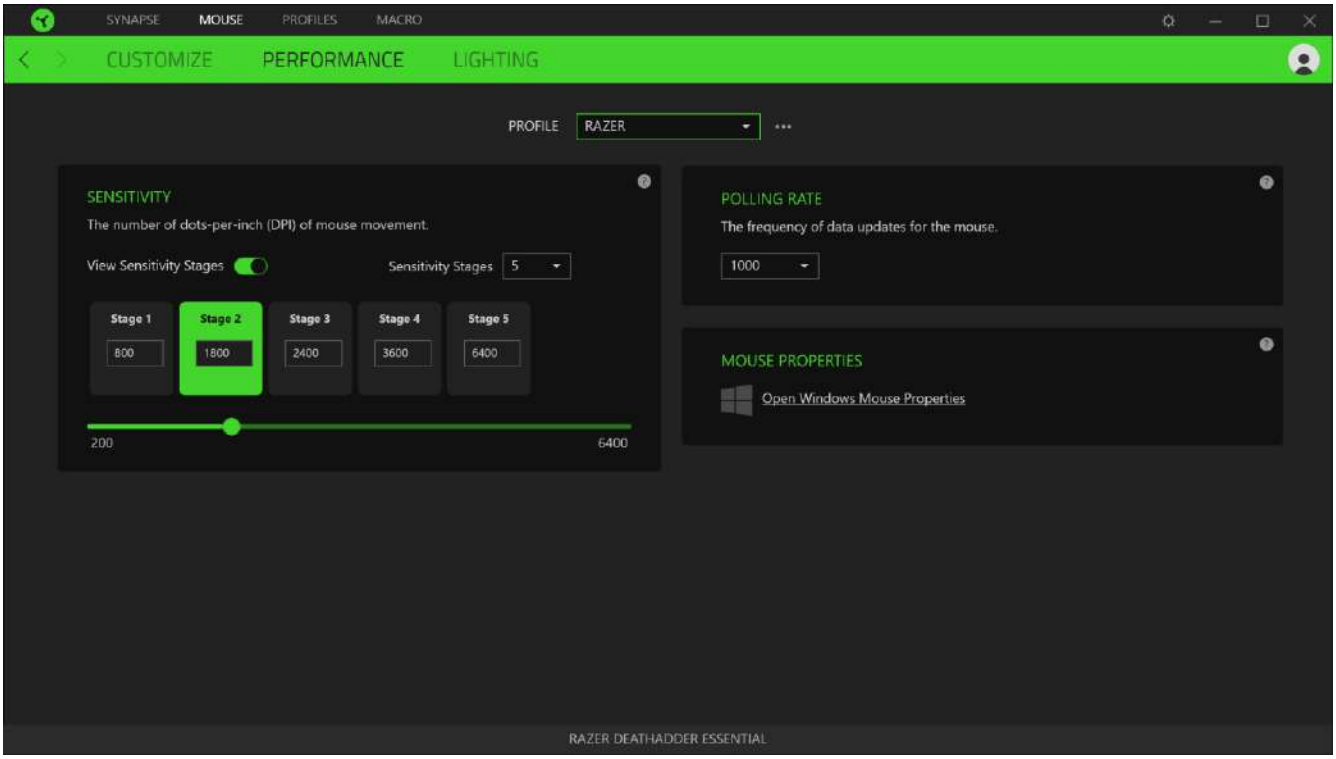
Text Function enables you to type a prewritten text with a touch of a button. Simply write your desired text on the given field and your text will be typed whenever the assigned button is pressed. This function has full Unicode support and you can also insert special symbols from character maps.

Disable

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

PERFORMANCE

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



Listed below are the performance options and their descriptions.

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.

View 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 sensitivity stage up/down buttons. You may use the Enable X-Y Sensitivity concurrently with this option.

Polling Rate

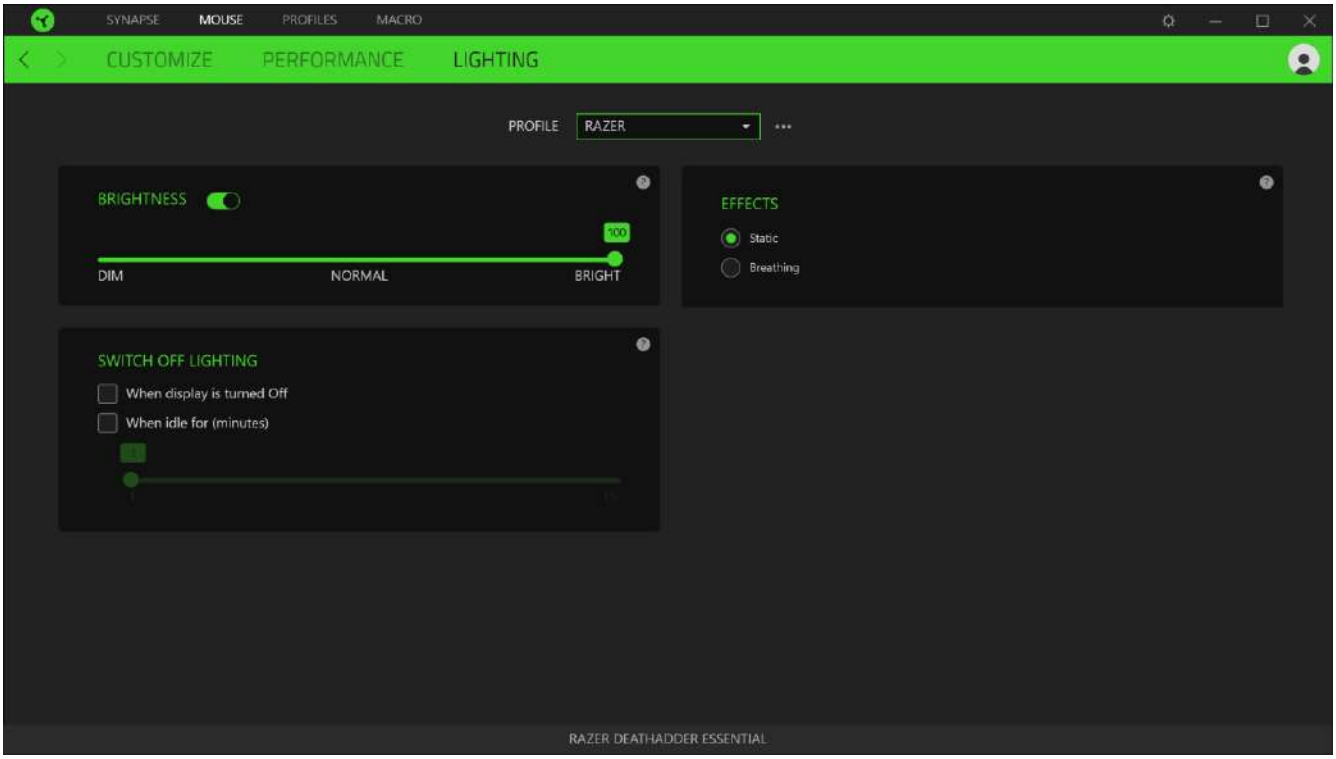
The higher the polling rate, the more often the computer receives information about the status of your mouse, thus increasing the mouse pointer's reaction time. You can switch between 125Hz (8ms), 500Hz (2ms) and 1000Hz (1ms) by selecting your desired polling rate on the dropdown menu.

Mouse Properties

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

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 DeathAdder Essential has been idle for a set amount of time.

Effects

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

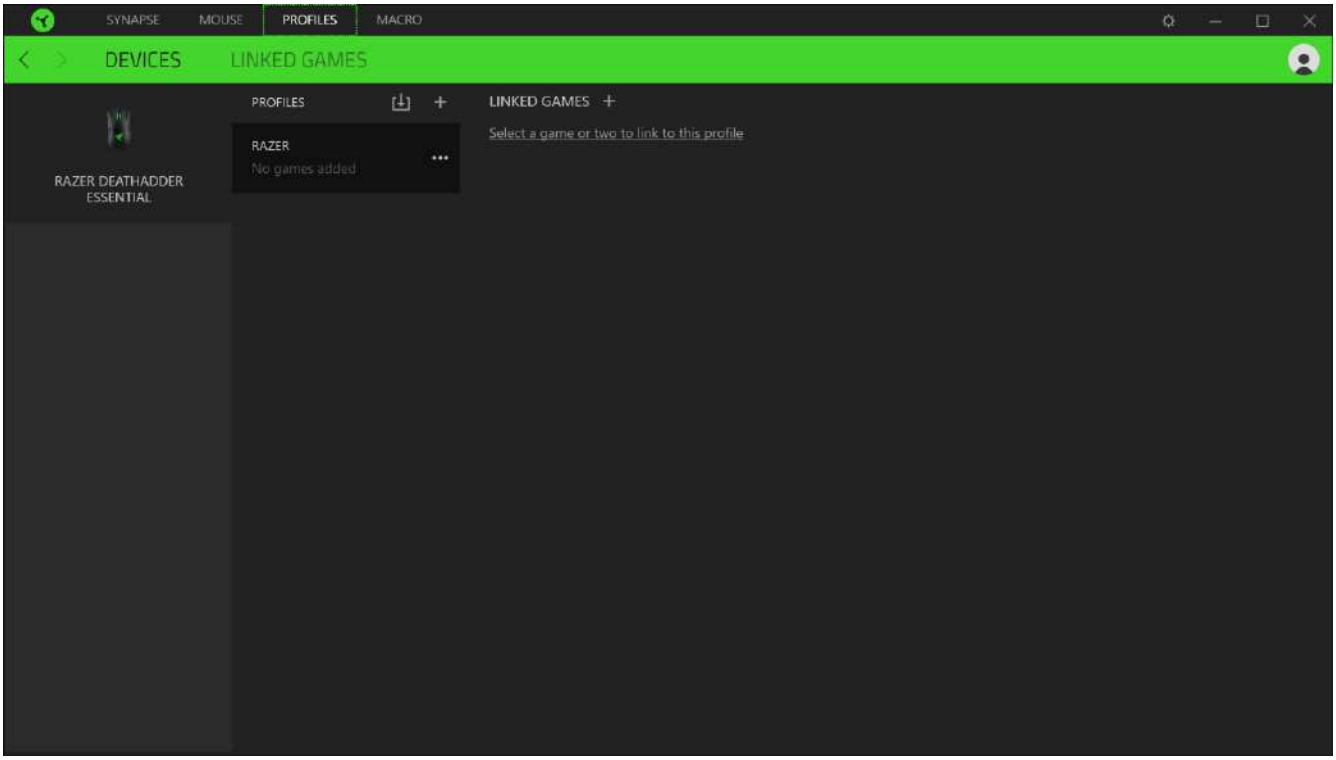
	Name	Description	How to set up
	Breathing	The lighting fades in and out of the selected color(s)	Select up to 2 colors or randomize
	Static	The LEDs will remain lit in the selected color	Select a color

PROFILES

The Profiles tab is a convenient way of managing all your profiles and linking them to your games and applications.

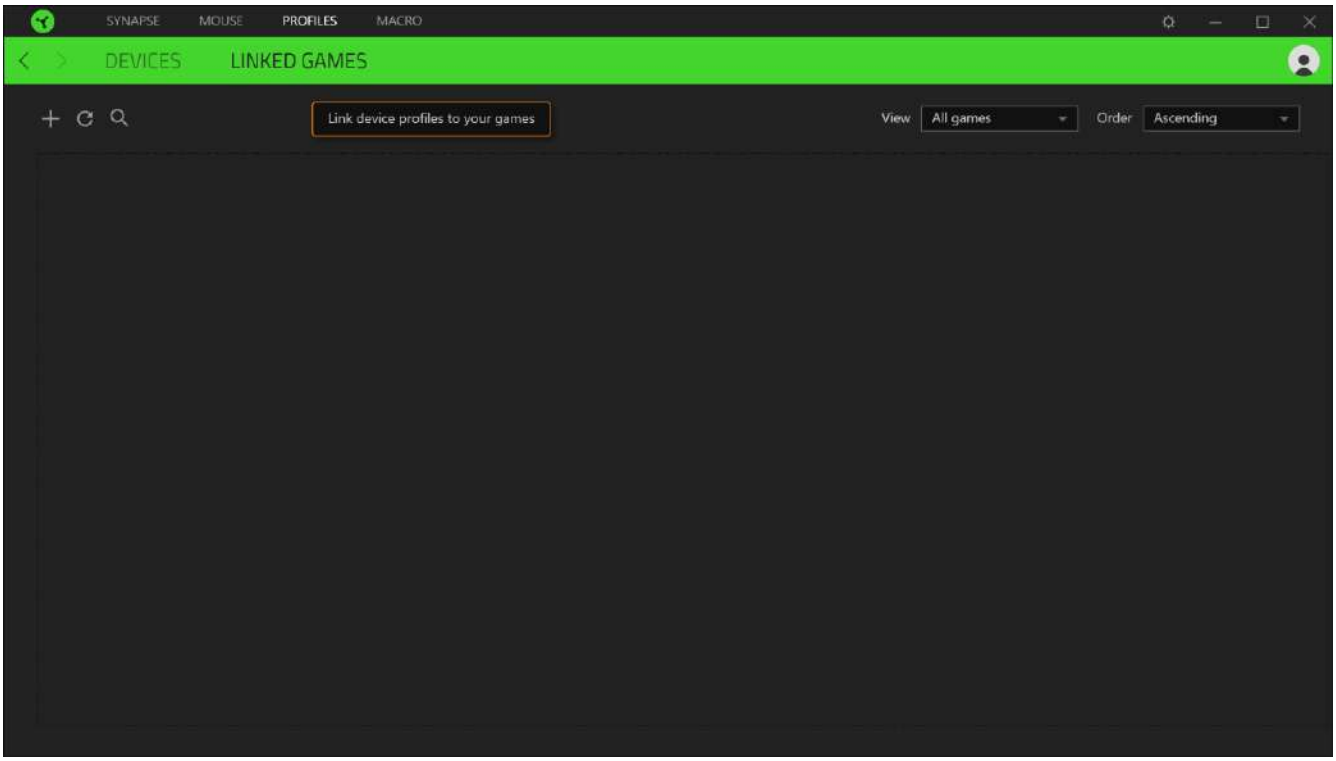
DEVICES

View which Razer device is using a specific profile using the Devices subtab. To create a new profile within the selected device, simply click the add button (+). To rename, duplicate, or delete a profile, simply press the Miscellaneous button (•••). Each profile 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.

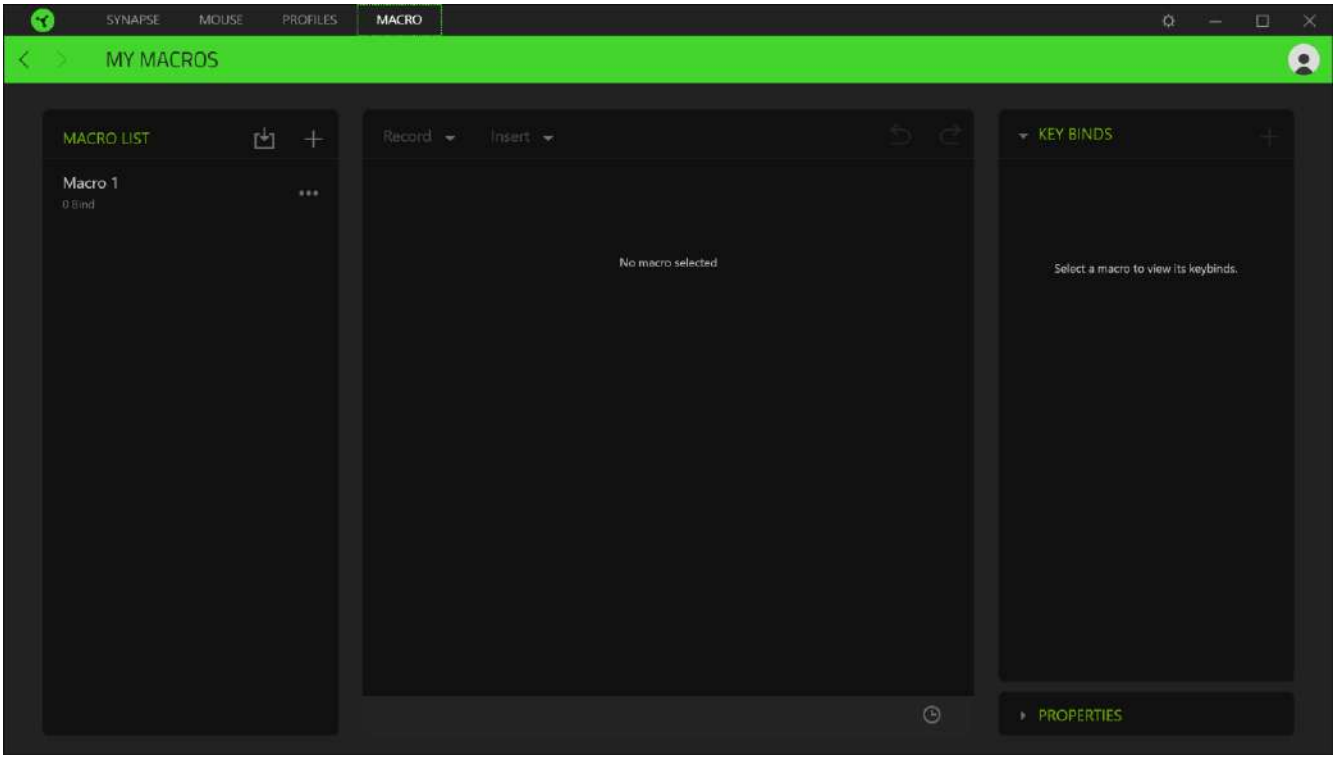


MACROS

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.

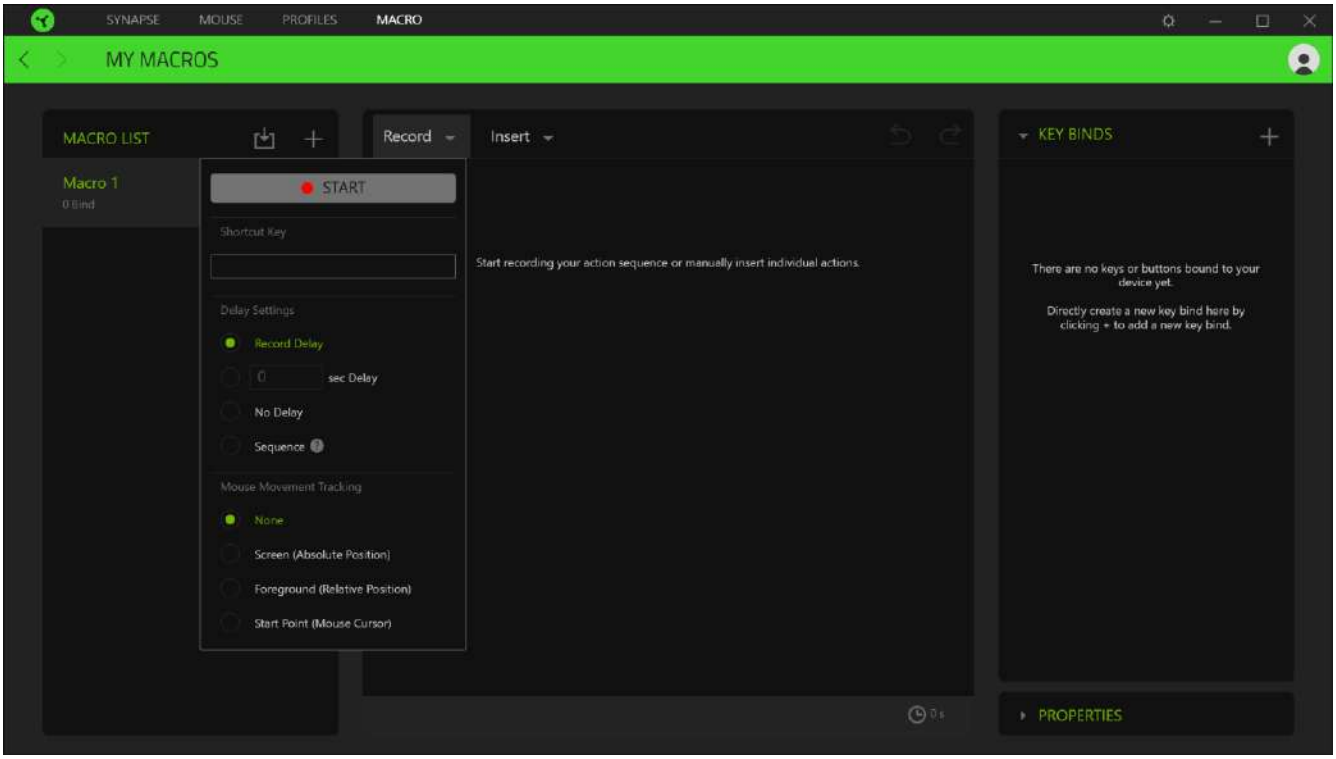
MY MACROS

The My Macros tab allows you to create, edit, and organize these macros so that you can assign them to your mouse buttons. You can also share macros with others using the import button ( ) and export button ( ).

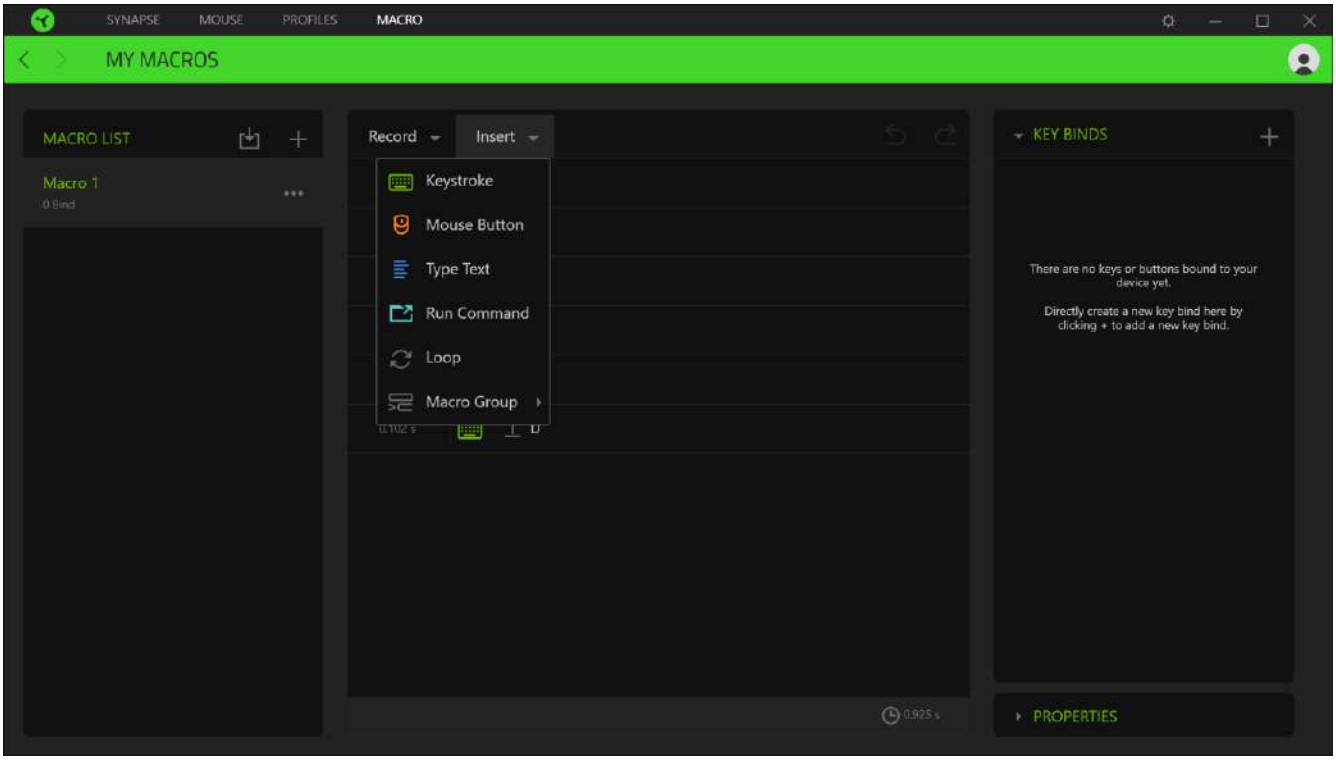


There are also other options available in the macro section such as creating a new macro by clicking the add button ( ), delete the current macro by clicking the trash button ( ), and duplicate the current macro using the copy button ( ).

To create a macro, simply select a macro name to store your commands, then click the Record menu. Assign a key or button for the macro on Shortcut Key field, select a delay, and select if you want to include mouse movement tracking. Once you have chosen the settings for the macro, click the Start button (START). After a brief countdown, all your keystrokes and button presses will be recorded on the macro screen. When you are done recording your macro commands, click on the Stop button (■ STOP) to end the session.



Once you have recorded a macro, you may edit the commands you have entered by selecting each command on the macro screen. Each keystroke or button press is arranged sequentially with the first command shown at the top of the screen. The Insert menu allows you to put in additional keystrokes, button presses, type texts, run commands, loop a set of commands, or insert an entire macro group.



Key Binds

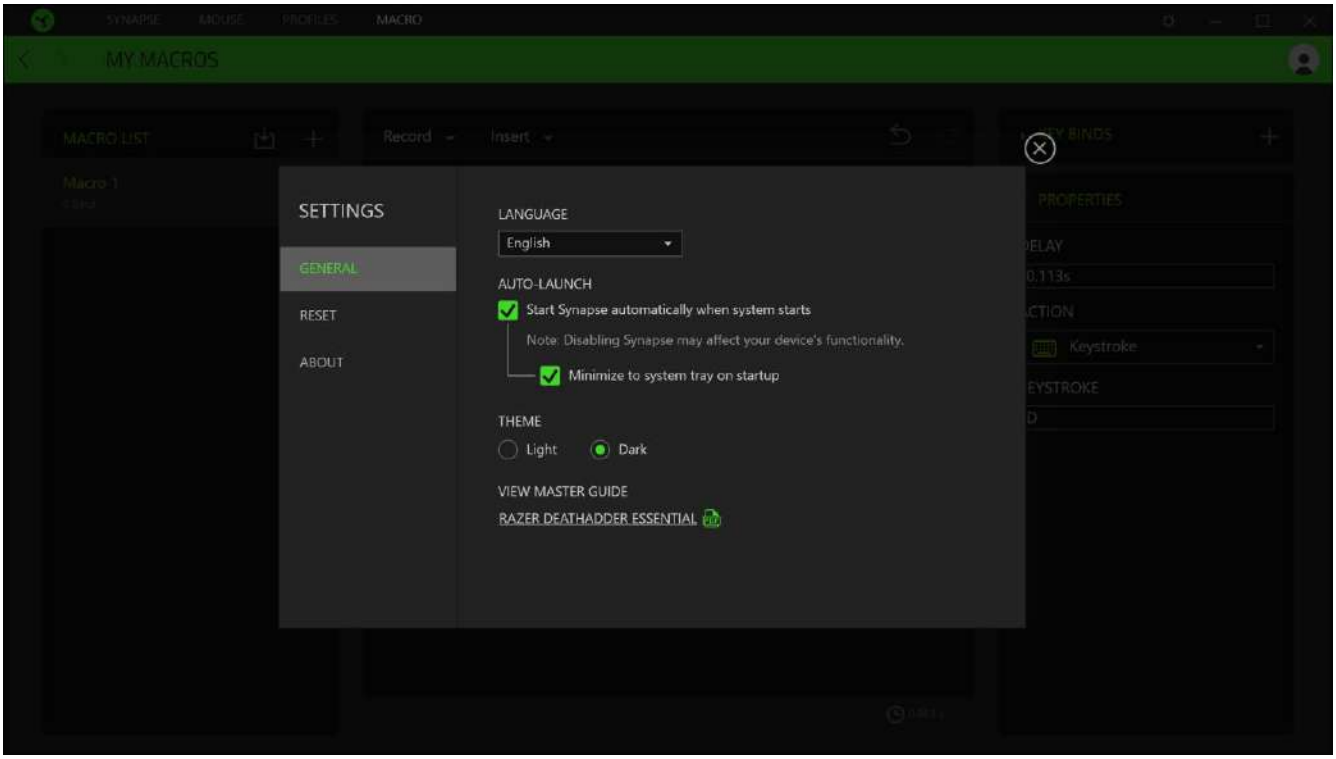
The Key binds option allows you to view the Shortcut Keys for the selected macro.

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 3, enables you to configure the startup behavior, change language, view your Razer device's master guide, 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 and start-up behavior, 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. All profiles stored on the selected device's on-board memory will be erased.

Note: Performing a factory reset on devices without on-board memory will only create a new profile for your device on Razer Synapse 3 using the default settings.

About tab

The About tab displays brief software information, its copyright statement, and also 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.

7. SAFETY AND MAINTENANCE

SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer DeathAdder Essential, 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 assistance.

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 DeathAdder Essential.

- 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.
- Customize the keys on your keyboard to suit your style of gaming in order to minimize repetitive or awkward motions 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 DeathAdder Essential 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 with a bit of warm water 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 DeathAdder Essential is 'tuned' or optimized especially for the Razer mouse mats. This means that the sensor has been tested extensively to confirm that the Razer DeathAdder Essential reads and tracks best on Razer mouse mats.

8. LEGALESE

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GENERAL

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