

Technical Description: Razer Deathadder Elite

Kenneth Hahn

Professor Danielle Carr

English 21007

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Introduction:

Figure 1. The founders are known as the “Brave Ones”. (Handley 2019).

Company: Razer

Razer was founded in 2005 and since then has been the leading gaming brand for people. Razer has 18 offices around the globe including the USA, Europe, and China. The co-founders are Min-Liang Tan and Robert Krakoff. Min-Liang Tan started this company on a hunch. A hunch that there are people who need performance enhancing technology. This was the esports industry. Razer started off by creating their first mouse called the Razer Diamondback. This takes gamers all over the world by storm. In 2007 Razer established a facility in South Korea, the center of professional gaming, to test their new technology with serious professional gamers. After Razer’s take off in the esports world, they continued to create high quality gaming products and laptops to elevate your gaming experience. Their most famous product, Razer Deathadder Elite was released in 2016 and has become a favorite in esports.

Razer Deathadder Elite Background

The Razer Deathadder Elite is the number one best-selling gaming mouse in the United States, it has sold over 10 million sales since its inception. This mouse was tested and approved by many professional gamers. The Deathadder was created for one purpose: to compete. The goal for Razer was to release the best performing mouse in esports. It comes in a matte black color with customizable lighting. The body has a nice curve to it that will fit into the palm of your right hand; it is roughly around 2.9 inches in length, 1.7 inches in width, and 5 inches in height. This mouse weighs approximately 4.6 ounces. The wire is 7 feet long and has a USB 2.0 Port (what that means is that it is compatible with a PC, but it would need a dongle to connect to an Apple Mac). It also contains 7 programmable buttons and a rubberized scroll wheel in the middle. The main parts to a mouse are the buttons on top of the surface of the mouse (typically two buttons or more), the motion detector located underneath the mouse, the scroll wheel in the middle of the mouse, and the connecting device to the computer.



Figure 2. The Razer Deathadder Elite.

Structure and Functions:

The outer shell of the Razer Deathadder Elite has a curve to increase the comfort of the user. The body of the Razer Deathadder Elite is 5 inches in height. The front of the mouse has a 7-foot braided wire and contains the USB 2.0 port at the end.

Buttons:

On the Razer Deathadder Elite there are a total of 7 programmable buttons. There are the two main buttons on the surface of the mouse, and the remaining five buttons can be programmed to contain whatever function you want the buttons to do. The most important buttons that all computer mice need are the left and right click buttons. The two buttons are on Razer micro switches which increases the accuracy of your clicks on the mouse. This is important because when you click a button on your mouse it communicates to your PC to perform an action on where the cursor is on your monitor.



Figure 3. The Razer micro switches. (Razer, n.d)

Motion Detectors:

The Razer Deathadder Elite contains a 16,000 DPI 5G Optical Sensor. This means that it is extremely reactive and accurate to your motions. The motion sensor is located at the bottom of the mouse. There is also a trackball at the bottom of the mouse. These two components work together in order to give the data to the computer on the mouse's location. What should happen is the cursor on the monitor of your computer should move when you move the mouse on a smooth surface.



Figure 4. Razer 5G Optical Sensor. (Razer, n.d)

Scroll Wheel:

The Razer Deathadder Elite has a rigged rubber scroll wheel in the middle of the mouse. The scroll wheel is typically used to scroll up and down a browser. A scroll wheel can also act as

a third button for the mouse. Clicking on the scroll wheel can toggle the scroll function which means that you can just move the entire mouse instead of scrolling using the wheel.

Connections:

The 7-foot braided cord on the Razer Deathadder Elite is the main link between your actions on the mouse to the computer. This mouse in particular has a USB port to connect to your computer. Other mice can have a wireless connection which needs a USB detector in order to communicate your mouse motions to your computer.



Figure 5. Wired USB 2.0 Port. (Razer, n.d)

Conclusion:

Overall, the Razer Deathadder Elite is a quality mouse that can upgrade your gaming experience. It is an extremely trustworthy mouse as it is easy to use like any other mouse, but with extra power. Razer has always been a reliable company when it comes to gaming and this mouse is no different. The sleek shape of the mouse fits right into your hands and is really easy

to use. The clicks of the mouse and the rubber scroll wheel feel pretty good. The customizable lighting on it allows for some fun combinations of colors. The sensor is extremely accurate when you move your mouse that you can hardly tell the difference between your motion and the cursor on the screen.

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Reflection:

For this technical description I tried to communicate with people that need to know the parts and functions of the Razer Deathadder Elite mouse. My audience for this technical description is the reader who wants to know the specifics of this gaming mouse. A technical description is a written document that includes specifications, functions, problems, and the appearance of an object. In this case the Deathadder Elite mouse by Razer.

A technical description can be used as instructions for the item, or to even address a problem with the item during a meeting. There are different types of descriptions in a technical description assignment. Object description tells the audience about the physical appearance of the components in the object. Process description describes the functions of the components in the object. For my technical description I chose the Razer Deathadder Elite mouse. My goal was to notify my audience about the functions, physical attributes, background, and parts of the mouse. I describe the shape and size of the mouse. I go into the functions of each component inside and outside of the mouse. My purpose is to describe the Razer Deathadder Elite. I write about all the functions and features that are included in this mouse. I start by describing the history of the mouse and the company that designed it. Following that up are the components and functions of each component. I include a conclusion to summarize the assignment.

I chose to write about the Razer Deathadder Elite because it has become a prominent tool in my life. Personally, I am a supporter of Razer and when I bought this mouse during my high school years I never wanted to buy a different gaming mouse again. Video games were a big part of my life and it has made me more competitive as a person. In games you always want to get better, so I shopped for the best technology to improve my gaming experience and that was

Razer. Using the mouse made me more efficient in playing video games, but it also helps me with my work. I am a technological person. Even if I am not playing video games I still use my gaming equipment to do work. I always try to have all my notes online and with this mouse it makes it that much more efficient. I feel like the time it takes for me to click and for it to communicate it to my computer is close to zero. Every move feels so smooth. My opinion about gaming mice is that people should use them more. People should use these mice that are clearly designed to be faster and more efficient than the average office mouse. Technology is evolving fast and people should learn to adapt to these changes in our daily lives.

I believe I have met all the Course Learning Outcomes. I have completed the peer review assignment and through the review I learned that I was lacking in some topics of my technical description. After the peer review I can see where I can improve my writing for the final draft. I provided background information on the mouse and its technicalities. There are digital visuals in the assignment as well, so the audience does not have a hard time just reading words off a screen. I expressed my opinion on this topic and where I stand about this mouse. Finally, I met the requirement of staying in APA format and listing my references in the assignment.