



Gaming on a Whole New Dimension

WHAT IS ORB ?

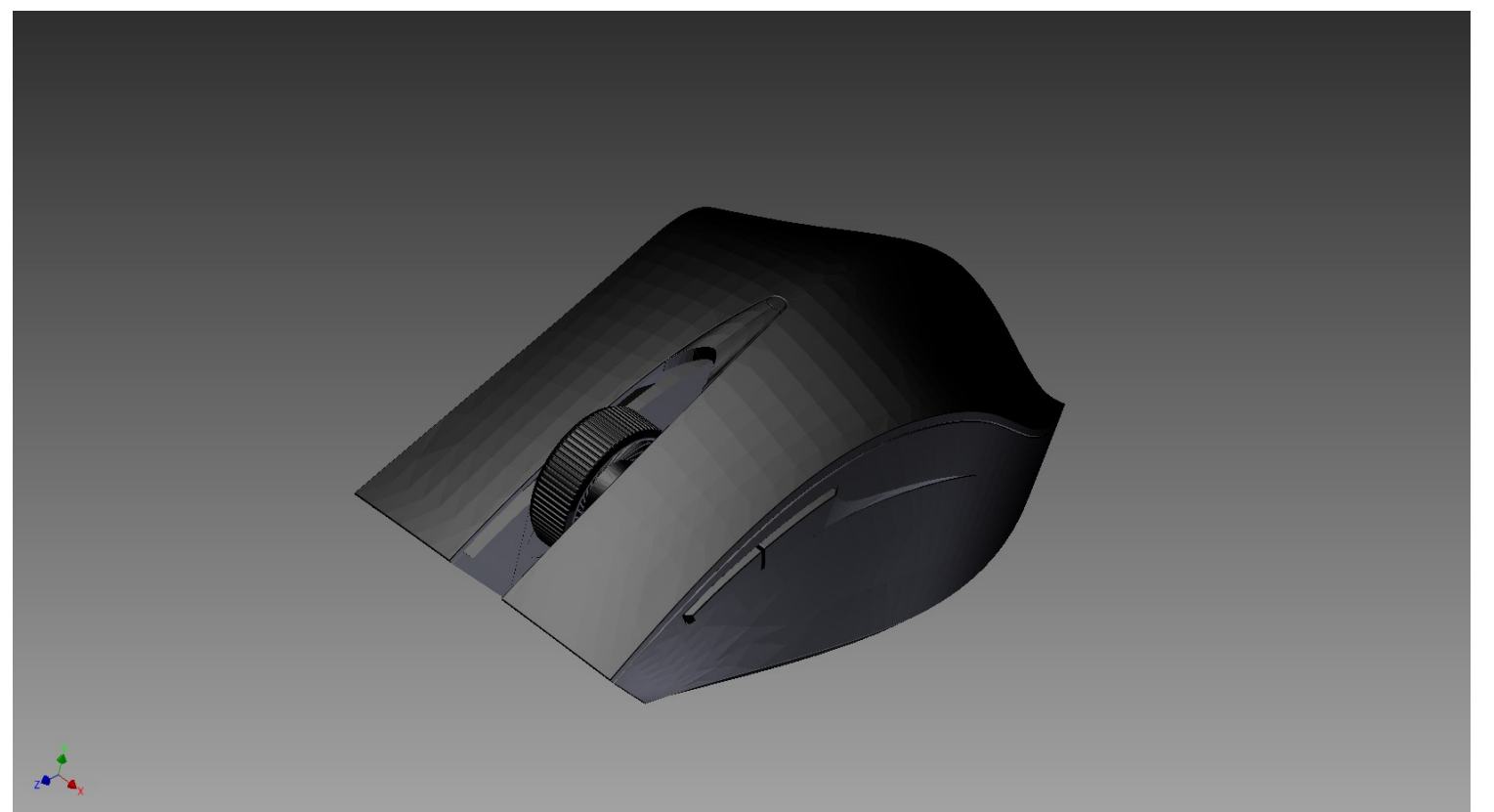
Orb is a must have Peripheral Device in every Household. It is the world's first Gaming Oriented 3-Dimensional mouse that you can drag, twist and manipulate in thin Air. This allows the Orb to be used in almost all Environment Possible, making your life much easier with the Orb. Many have the misconception that the only people manipulating 3D Environments are 3D Modelers thus the release of several Modeler oriented 3D mice. Gamers are much often left out but that is all about to be changed. Meet the Orb – The Biggest Game Changer Yet!

HOW DOES ORB WORK ?

Orb works on a simple System that consist of Accelerometers and Gyroscopes forming what is know as a Inertial Measurement Unit (IMU). This IMU is able to detect slight movements in 6 Degrees of Freedom. This enables the Gamer to easily manipulate the 3D environment using a flick of the Wrist. This, combined with some intelligent Programming, would allow us to translate the IMU data into Movement Commands for the Mouse and also Key presses for the Keyboard.

ANY FUTURE PLANS ?

We plan on adding more Functions to it in the Foreseeable Future if we allowed to develop on this project and our Case Design can be improved on but because we had a lack of time, we did not really improve on it that much. I believe our project can become very successful and would entice a Large Population of People. Last but not Least, We are certain that using slight wrist movements instead of a traditional mouse will reduce your chances of getting wrist relating fractures, allowing you to Game On!



Model of the Orb: The Orb Modeled in Autodesk Inventor, a 3D modeling software.