

Controls



Two player



Data Saving

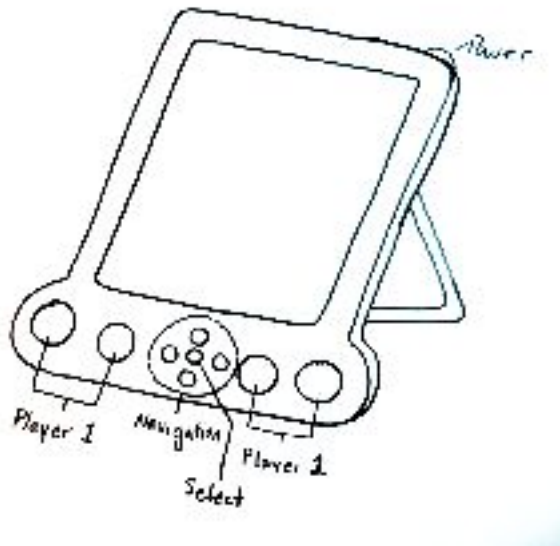


Form



Table Top

Currently Etch-a-sketches are mildly uncomfortable to use because users have to twist the knobs while holding the device. To deal with this, this design rests on the table, however it is difficult to have two people play on this because they would be too close together.



Handheld Two Player Etch a Sketch

This design has the ability for two people to play it by turning the device sideways while still having comfortable single person play, however it has to be held the whole time which could be difficult and tiring to do.

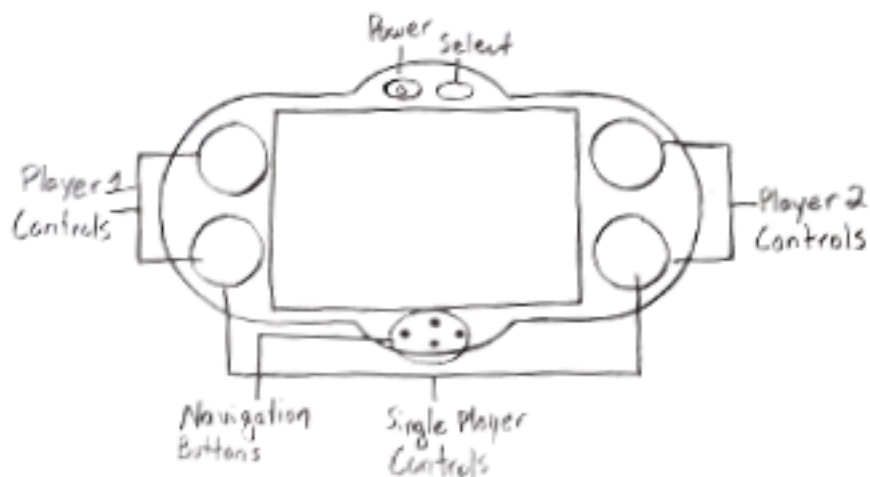
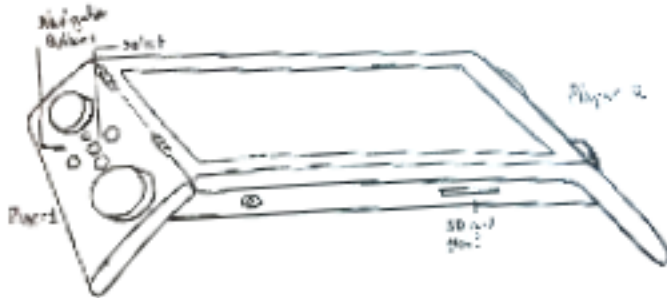


Table Top Adjustable Angle

This design allows for two people to play it while it rests on a table, and is designed to fold up one way so that it can be at a comfortable angle while in single player mode.



While design one (Table Top) has both the proper angle and hands free positioning that allows for user comfort, it does not allow two people to play it comfortably because they are simply too close together. Design two (handheld) on the other hand allows comfortable placement of dials for two players, but would be uncomfortable to hold. Design three (the adjustable angle table top) is an attempt to combine comfortable placement of dials while resting on the table. The idea of an adjustable angle was added so that in single player mode the screen is more visible. The main features that are important in my design are comfortable controls, the ability for two players to use it, comfortable viewing angle, and intuitive button placement.