**USER GUIDE**

*SIMON SAYS*

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* POWER
  + The device can be powered either via USB or by the provided wall plug.
* Menu
  + Upon powering the device, the unit will automatically show the main menu screen.
  + You can make your selection via the four buttons on the bottom of the bread board. They are ordered one to four from left to right.
  + At any time you wish to return to the menu, you can press the reset button which is located to the right of the ATMEGA-1284 processor.
* Game Mode
  + Upon pressing one from the main menu, you will automatically be sent to the level selected in the menu option “choose level.” Default level is set to 1 if not set.
  + The LED matrix will light up its corners in correlation of the 4 large buttons.
  + \*The buttons are slightly arranged by height:\*
    - * Button 1 = Top Left of Matrix
      * Button 2 = Top Right of Matrix
      * Button 3 = Bottom Left of Matrix
      * Button 4 = Bottom Right of Matrix
* Choose Level
  + Upon entering the “choose level” mode via button 2, you will notice a numerical value on the LCD display.
  + From there you can change levels from one to five
    - Button 1 = Increase Level By One
    - Button 2 = Decrease Level By One
  + You can return to the main menu by pressing Button 3.
  + Chosen level will be saved upon returning to the main menu.
* High Score
  + Upon entering the “High Score” mode via button 3, you will be shown with the highest score recorded.
  + The high score is determined by the highest number of blinks the user has gotten correct.
    - Single Blinks Pressed Correct = +1
    - Dual Blinks Pressed Correct = +2
* OFF
  + To power down the unit, simply unplug the USB or power plug.
  + The high score will be saved to EEPROM and can be viewed at a later time upon re-power.