Notable Board Books

Bill of Material

(1) Arduino Uno

(1) Adafruit Audio FX Sound Board WAV/OGG trigger with 16MB Flash

(1) 2” 4 ohm 3 watt full range audio speaker (Gikfun EK1725 on Amazon.com)

(1) 3W DC 5 volt audio amplifier (DROK super small 3w+3w . . on Amazon.com)

(5) photo light sensitive resistor 5mm

(1) 5 volt relay module for Arduino

(1) Tilt switch, roller ball

(5) 3.3K ohm resistor, ¼ watt

(1) 9 volt battery connector

(1) 9 volt battery

(6) M3 x 12 mm screws

(2) M3 nuts

(1) Breadboard (2” x 3.5”)

(1) Blank Board Book (6” x 6”)

(1) Velcro, 1” wide, 10” long

Misc: Solder, shrink wrap tubing, wire

3d printed parts

(1) Back Base

(1) Speaker housingb

(1) Speaker lidb

(1) tilt1