

## Building Materials

- 4' x 8' x 3/4" plywood (x 6)
- 4' x 8' x 1/2" MDF (x 1)
- 13" x 14" x 1/8" frosted white acrylic (x 15)
- 1 1/4" x 3/16" x 15" weatherproof felt (x 5)
- 1/2" x 1/2" x 15" weatherproof foam (x 5)
- screws (various)
- washers
- black, white, grey latex indoor/outdoor paint
- indoor/outdoor primer
- wood filler

## Electronic Components

- arduino microcontroller (x 1)
- XBee radio transmitter (x 6)
- breadboard (x 7)
- pocket radio (x 5)
- FM radio transmitter (x 1)
- 12V industrial strength battery (x 6)
- RGB LED light bar (x 25)
- white LED light bar (x 15)
- PIR motion sensor (x 1)
- 20 second recording module (x 1)
- I/O switch (x 1)
- 3.3V regulator (x 6)
- transistor (x 19)
- 10k ohm resistor (x 6)
- 100 ohm resistor (x 6)
- 10 uF capacitor (x 6)
- 1 uF capacitor (x 6)
- hook-up wire