

MACHINE PARADOX



NO HUMANS ALLOWED

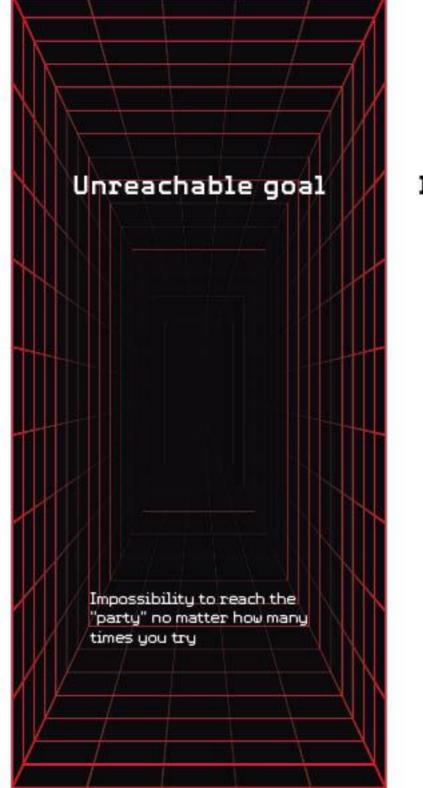
Taac



Shy machine



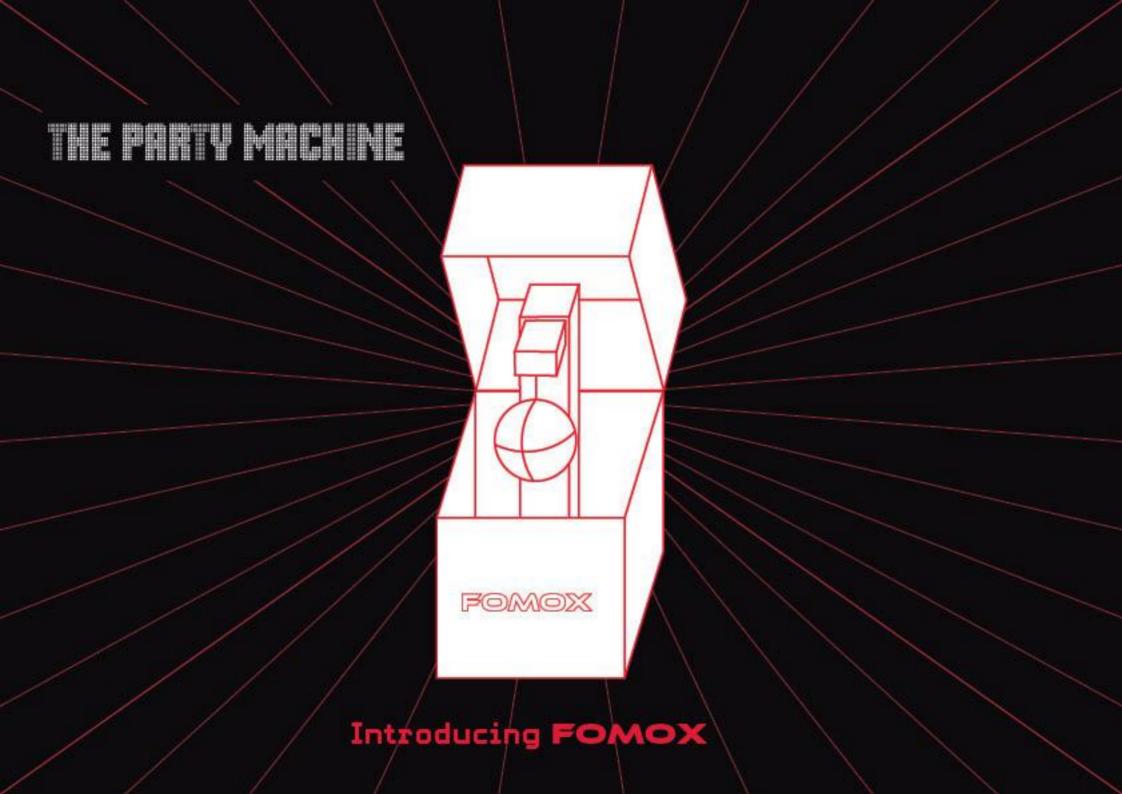
Operates when being closed, ceases to function when it is open and observed

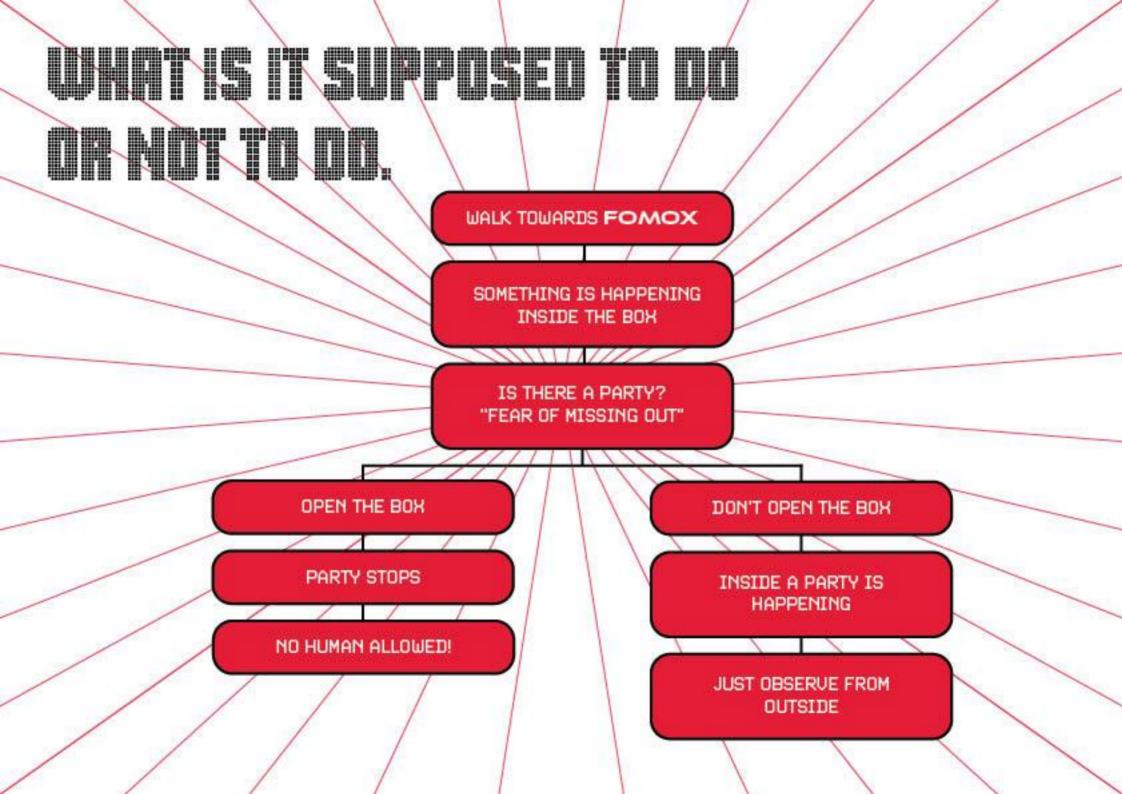


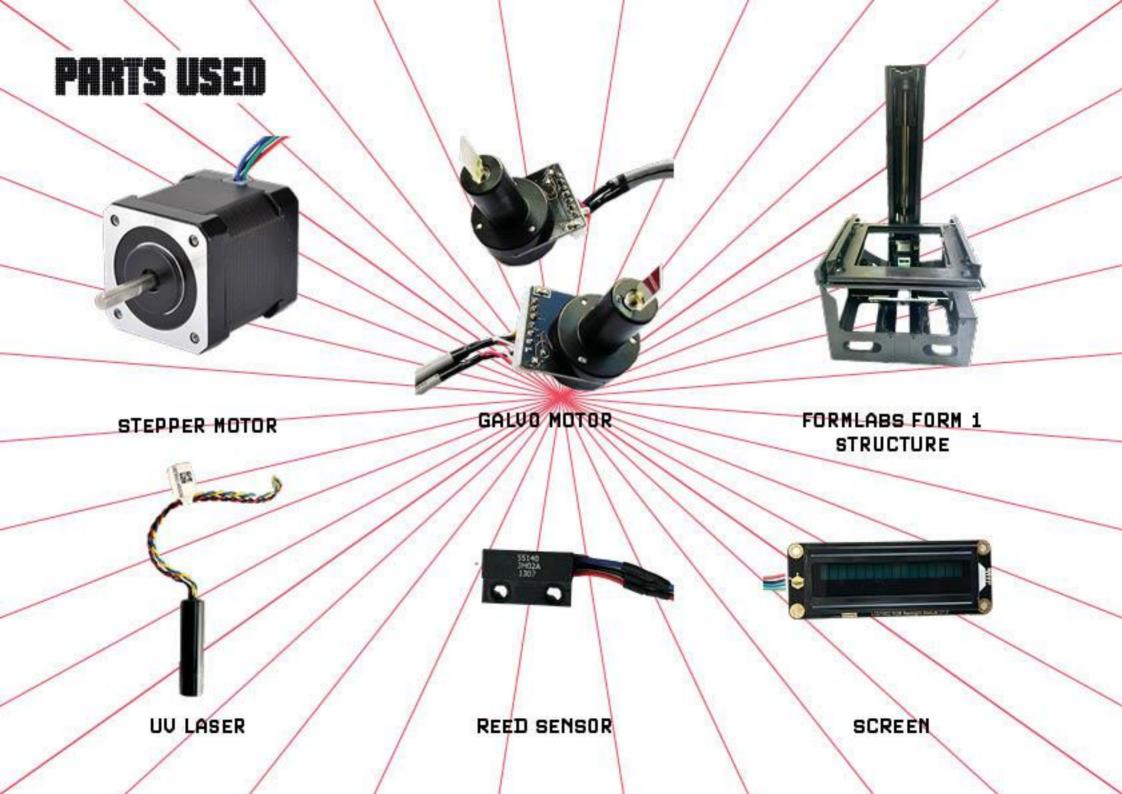
Distraction machine

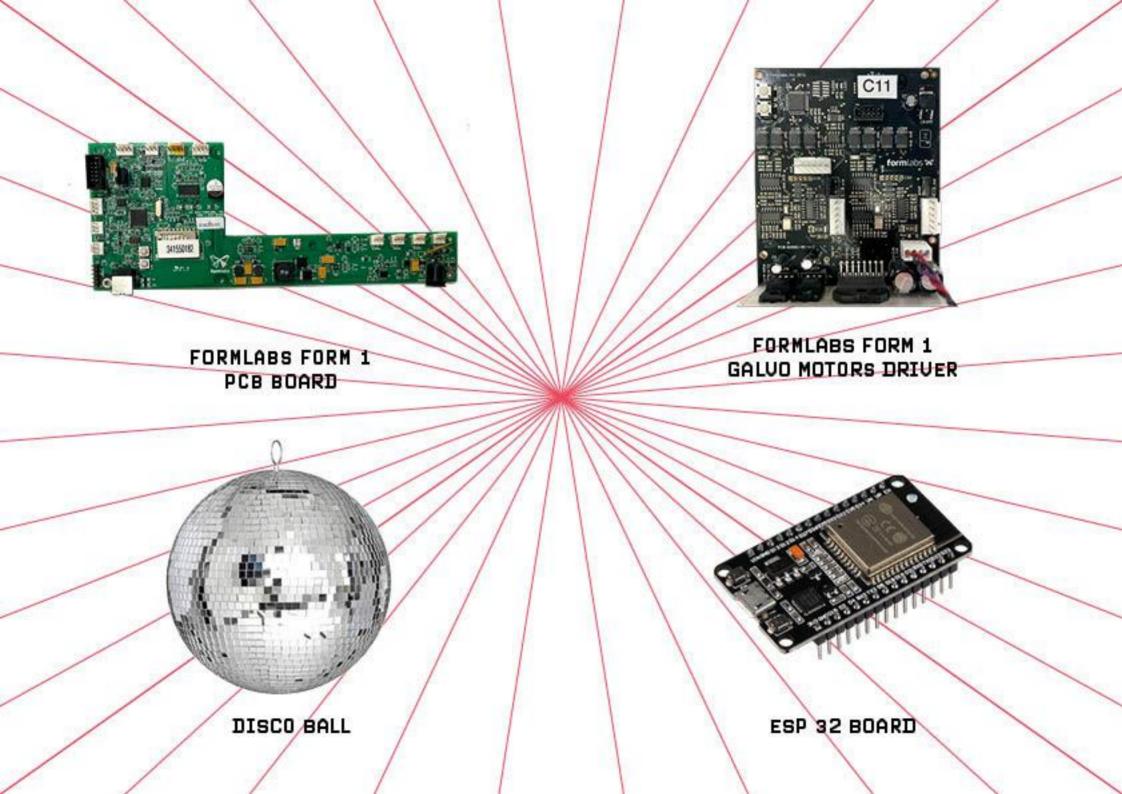


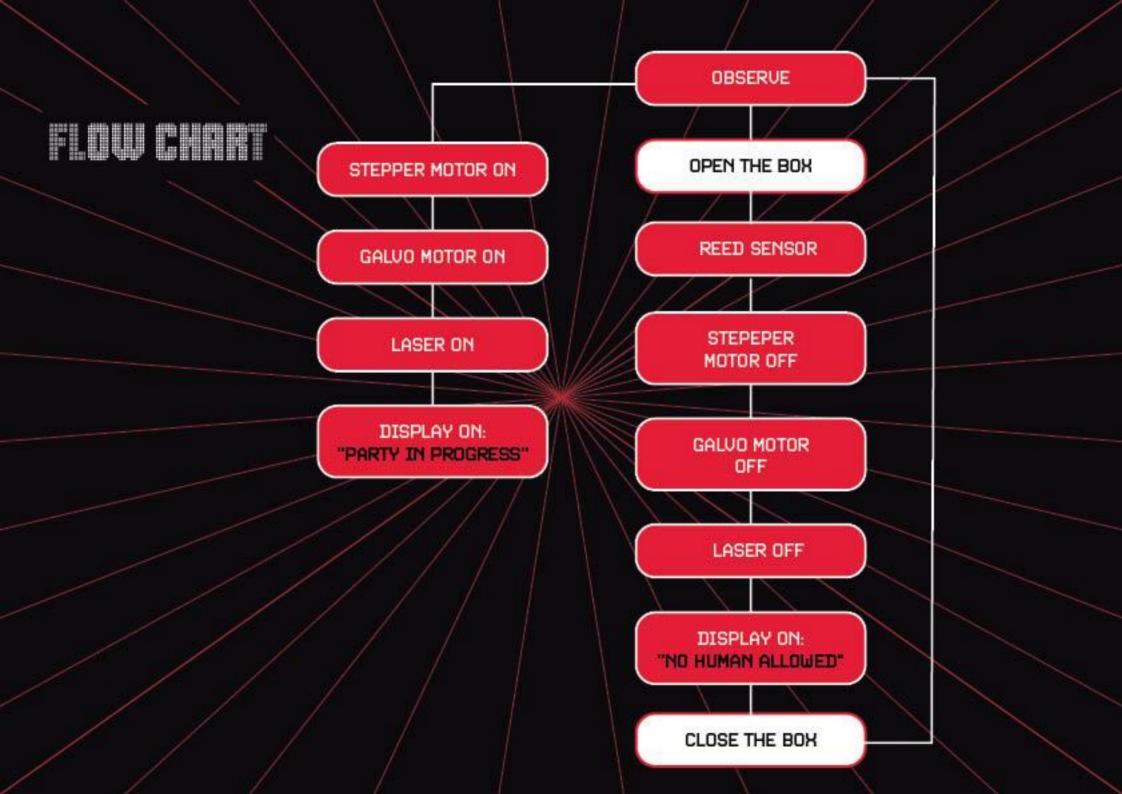
constant laser and sound from the motors







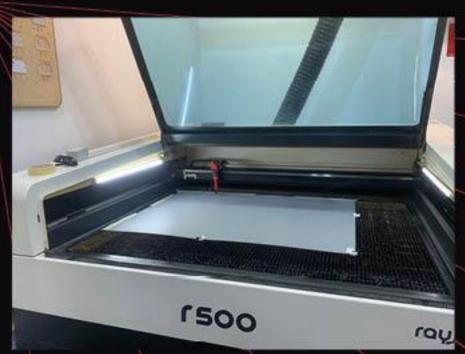












FINAL PROTOTIPE



SCHEMATICS

```
Winclude 45tepper.hx
     #include 'Diffeout Monicoscapin'
     sterlinds enter ho
     count for releve a 40
    const int stepsPerRevolution + 200
    Stepper myStepper(stepsPerHevolution, 32, 14, 15, 33);
    DIMOSOL MERICO1602 Log Addisable of 0.60, Allocation 16, Allocation 2); Will characters and 2 times of whom
23 int lastneg;
    Int Post + 6:
    LAT PORT + 0
    let drawferled + 5;
    int atesperferiod - 1;
    unsigned long time now + 0;
```

```
| Sing part | Sing | Si
```

Include libraries, define the LCD screen and the Stepper motor, as well as prepare a number of variables.

Define the pinModes, set a speed for the stepper and initialize the screen and turn on it's backlight

If it detects a magnet (box closed), the LCD displays "party in progress...", the laser turns on, and the stepper motor moves. If no magnet is detected (box open), the LCD shows "no humans allowed," and the laser turns off.

The stepper function just calls the stepper to move by an increment.

The draw function uses DAC to control the galvo motor with precise analog signals, creating X and Y coordinates for a Lissajous curve mapped to the DAC's visible range.

SHORT FILM



