

**TECHNICAL RIDER
ALYSTER**

UNCLOUD 2023

CURRENT TIDE

Interactive light artwork [projections] with sound and sensors

Materials: Wood, Ceramics, Cloth, Glass[mirror]
Dimensions 2.5 x 2.5 x 3.5 meter [L x W x H]
Build-up space needed min 3 x 3 x 3.5 meter [L x W x H]

TECHNICAL UTILITIES

NEEDED
- minimum of 1 wall socket
- short ladder [2m]
- tall ladder [3m]
OR Genie
- insurance
- security, if possible: People often stumble inside too fast and don't let their eyes get used to the dark. Things difficult to secure: sensor, mirror, projector. Fragile works hanging from the ceiling [ceramics]. Best would be if someone is in front at all times letting people in and out. If this is not possible, I can rent a security camera, but this may cost extra.

INCLUDED
- extension cord single socket 5m 1x
- extension cord multi socket [ideally 5] 2x
> I usually take extension cords with me if they aren't used in another installation
- amplifier and speakers
- pc
- projector
- leap motion sensor
- cables

GENERAL SETUP OF THE INSTALLATION [usually done by me and a helper]

wooden construction > ceiling construction > hang cloth > hang projector > hang ceramics > place mirror > place bench > place rest of electronics

I would need 2 people to help me build the installation, for building down I would need 1 person. Building up involves standing on a ladder and holding up a large wooden construction with two people.

COMPUTER SETUP

The installation uses Resolume to show its visuals. The parameters of these visuals are controlled by the Leap Motion sensor. This sensor sends Serial data to a program called LoopMidi, which converts the signal to Midi. It then goes to a program called MidiPaw, which then sends parameters to Resolume.

Resolume does not do long audioloops well so a separate audioplayer will play the audio on a 10 minute loop. This runs to the computer via a mini-jack.

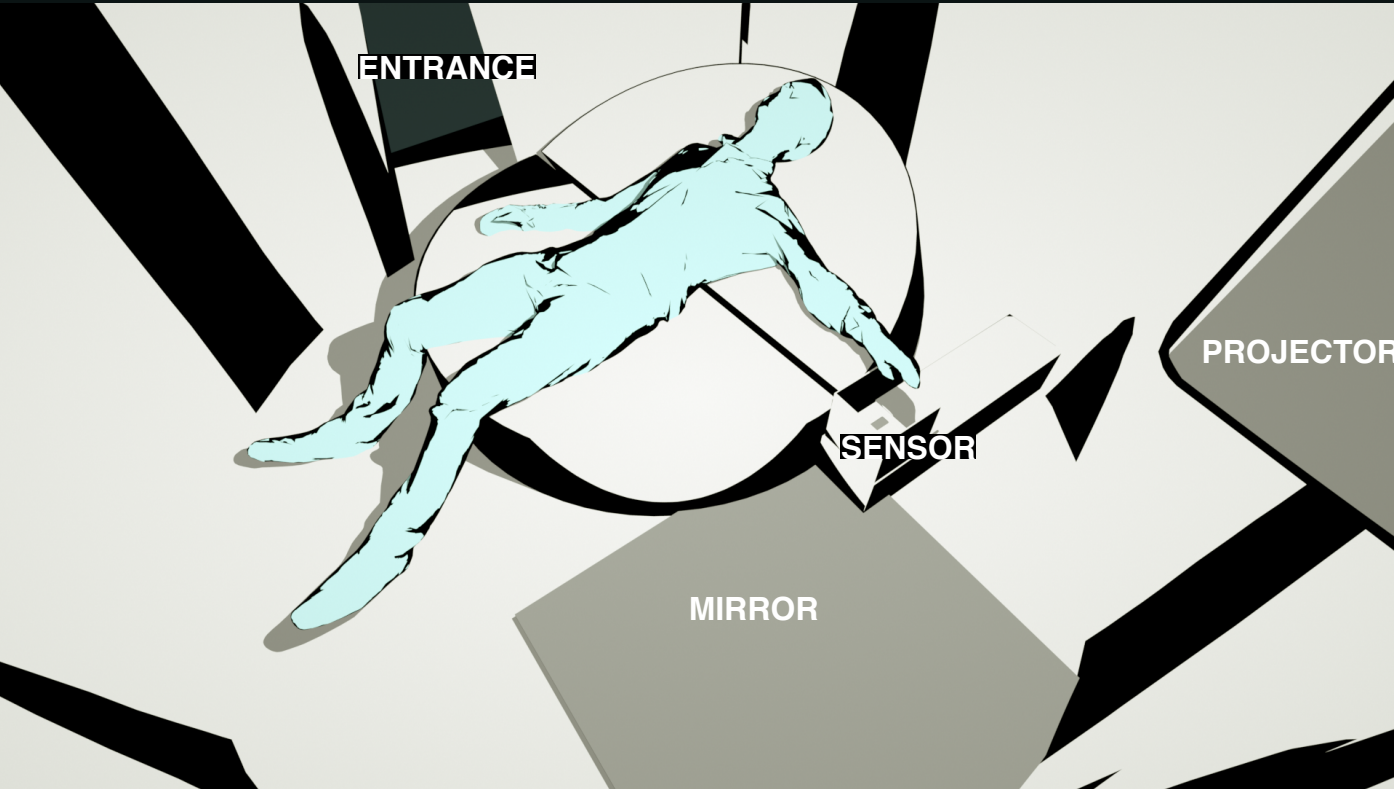
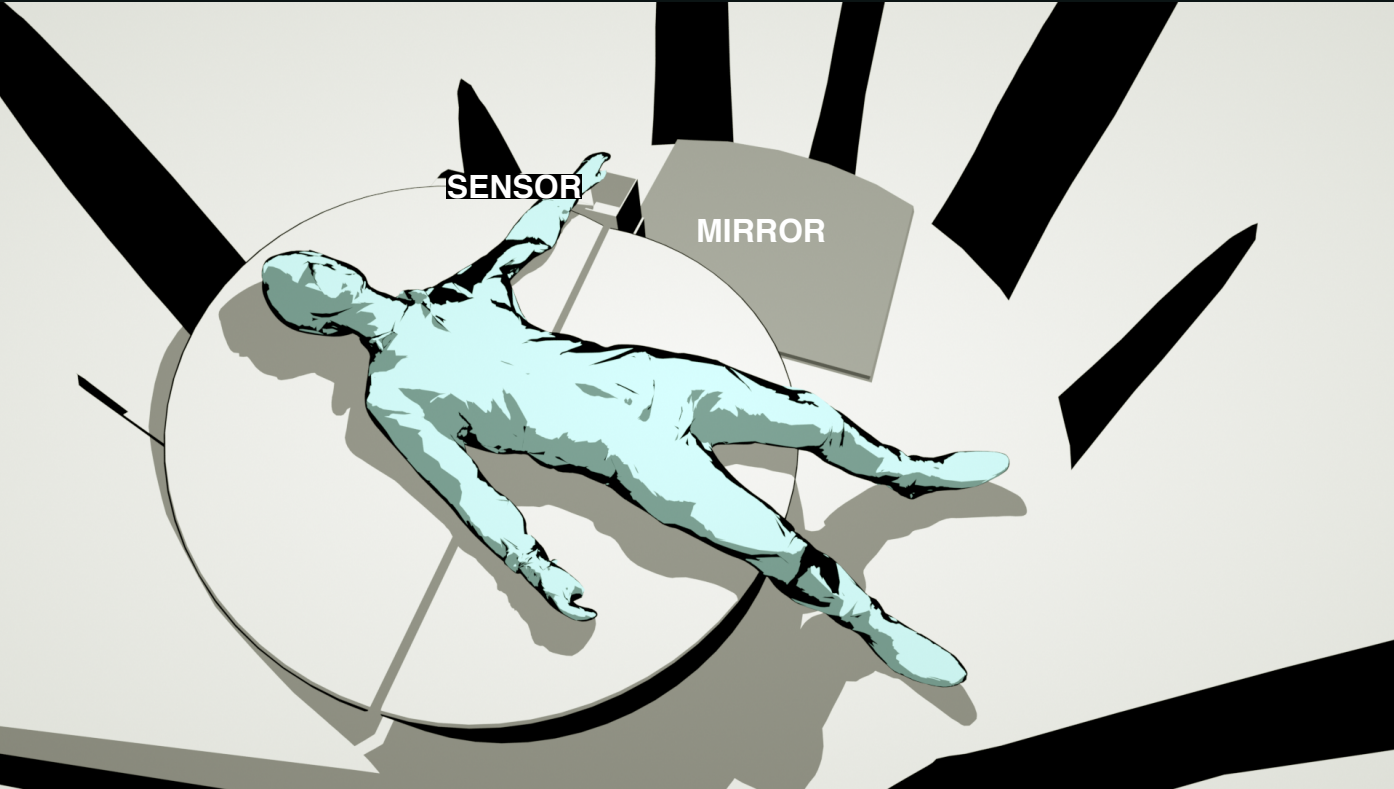
HOW TO START THE INSTALLATION

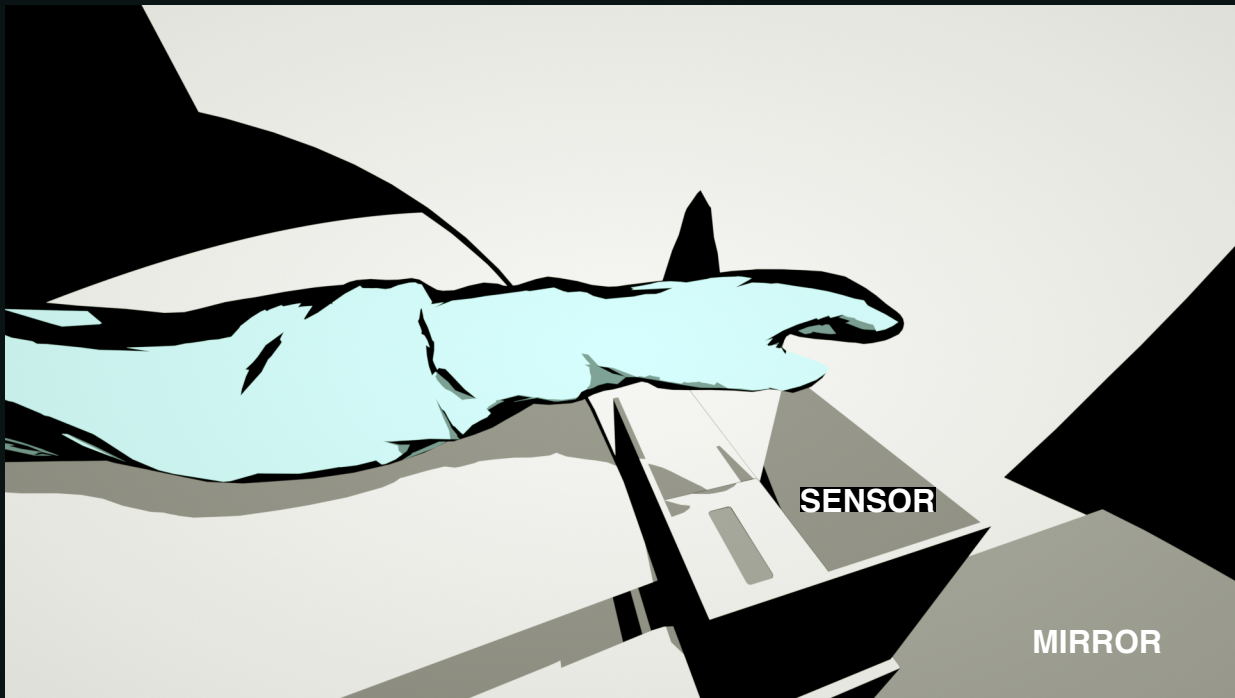
[everything will be found on the desktop]
Takes about 10 minutes to setup.

- Basics:
1. start up computer
 2. start up projector
 3. start up LoopMidi
 4. start Leap Motion Control Panel
 5. Start MidiPaw - check if signal comes through. If not, close all software and start again from the beginning.
 6. MidiPaw shows Leap Motion signal > start Resolume. It will automatically load the last save. Check if visuals respond.
 7. In resolume, go to output > display [if there is only 1 display, this will be 1. if there are 2, this will be 2].
 8. Turn Audio amplifier on > run audiofile in folder.

If anything changes I will supply precise instructions in the shape of digital and physical documents during the event. The procedure can vary depending on the equipment I have at hand at that time.

ILLUSTRATIONS OF THE INSTALLATION





EXTRA EXPLANATION OF BUILDUP

The work is a standalone construction of wood which has a pie-shaped construction for a ceiling. these pie-shapes slide together to make one big round ceiling piece. As soon as the construction stands, the cloth can be tied around it with a rope, tightening it on top so that it stays in place.

the projector is hung after the cloth is hung, and hangs on one of the beams on the side of the mirror [see drawings]. Then the ceramic works are hung on the ceiling with metal wire, numbered as written on top of the ceiling [look at this before construction].

After this the mirror and the bench can be installed. The projector has a small shield with a hole in front of its lens in order to tighten the beam. It has to be aimed.