

# THE AUDIENCE ART INSTALLATION

artist: Beni Tanner programming: Kriz Flueler electronics: Patrick Bauer

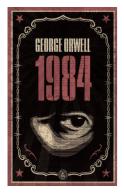
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#### 2. abstract

Twenty-three CCTV Cameras are watching a tennis match. What's going on? Who's is watching whom? The art-installation "The Audience" plays with the subject of observation and surveillance. The observer transforms to the the observed, the human to a machine. An endless loop between the discrepancy of freedom and security.

#### 3. inspiration



Surveillance of public spaces as well as for digital communication is a very controversal subject. Where is the line between freedom and safety? This question was already an important subject in George Orwell's brilliant novel 1984. Of course this book influenced this project.

Other inspiring art projects:

Seiko Mikami

"Desire Of Codes"







streetart l: Stefan Thelen r: SpY





banksy

#### 4. hardware

The installation is made with various hardware components.

The open-source based, free programmable Arduino electronic (<a href="www.arduino.cc">www.arduino.cc</a>) controls a "MP-3 Shield" which controls the audio signal. A "Servo-Shield" controls 23 servo motors which pan the cameras.



1x arduino



1x adafruit servo shield



23x surveillance camera dummys



1x MP-3 Shield

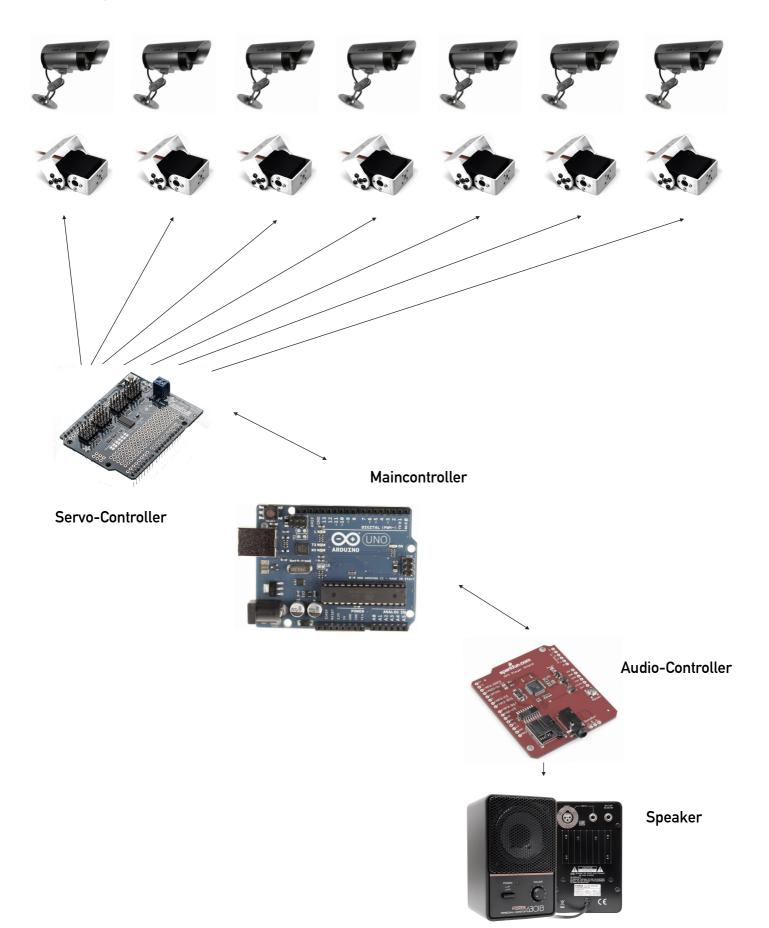


23x servo motors



1x stereo speaker

## 5. diagram



#### 6. software

The arduino electronic chip is programmed in c++ by Kriz Flueler.

```
# Arduino - 0015

File Edit Sketch Tools Help

Do Drow All Arduino Message.cpp Message.h

#include <SimpleSerialization.h>

#include "Message.h"

void setup() {
    SimpleSerialization.begin(115200);
}

void loop() {
    Message myMessage;
    myMessage.setMessage("Hello Arduino!");
    SimpleSerialization.write(amyMessage);
    delay(1000);
}
```

## 7. photos of the production

















