

INTERACTION

INPUT > PROCESSING
...

NOISE
> **OUTPUT**

BODY MOVEMENT
FACE DETECTION
SWITCH / BUTTON
MIDI INTERFACE
KINECT / CAMERA
SOUND
HAND GESTURE
WEB-BASED

INPUT > ...

> OUTPUT

**DIGITAL /
ANALOG**

DIGITAL INPUT

DIGITAL OUTPUT

ANALOG INPUT

ANALOG OUTPUT

SOFTWARE

PROCESSING
OPENFRAMEWORKS
MAX/MSP
TOUCH DESIGNER
QUARZ COMPOSER
UNITY
VVV
PYTHON

MICRO CONTROLLER – BASIC STAMP / PIC / ARDUINO

HARDWARE

SENSORS
LIGHTS
MOTORS
...

COMMUNICATION

SERIAL

MIDI

OSC

NETWORK

BODY MOVEMENT (SENSOR / COMPUTER VISION)
FACE DETECTION (COMPUTER VISION)
SWITCH / BUTTON
MIDI INTERFACE
KINECT / CAMERA
SOUND
HAND GESTURE (LEAP MOTION SENSOR)

MAX/MSP, TOUCH DESIGNER, PROCESSING

INPUT > ...

> OUTPUT

ARDUINO

AC Light / LED
DC Motor
Sound
Projector

110 V
220 V

AC / DC

+ -
5V
9V
12V

