

Ton-Pendel(a)utom@t

An audiovisual and robotic installation
(4-channel electroacoustic music, animated video
and a device of 6 suspended, sonic, robotic and interactive pendular objects)

Clara Maïda

(15'00 in quadraphonic surround played in loop
+ 108 sound sequences distributed to the pendular objects)

SOUND RIDER - 2025

Requirements

SOUND

- 4 loudspeakers arranged in a circle around the audience (Kling&Freitag CA1512-SP, for instance)
 - 1 subwoofer with integrated driver and power amplifier technology (Kling&Freitag SW115E-SP, for instance).
 - 1 mixing table with 4 main outputs towards the loudspeakers (Behringer Wing Console as class compliant USB audio interface, for instance).
 - 1 RME FF400 sound card or equivalent with adat I/O and Mac compatible.
- The audio and video files must be synchronized and played in loop. Leave 3 seconds of silence and dark before the loops returns to the beginning of the file.
- 1 computer (MacBookPro M2 minimum) running any software so as to:
 - a/ read a 4.0 file or 4 separate files (such as ProTools, Cubase, Ableton Live, Reaper, etc.).
 - b/ synchronize the start of this multichannel file and the video file.
 - Cabling.

PROJECTION

- 1 high-definition projector (Projector Panasonic PT-DZ780BE DLP, for instance).
- 1 large screen (minimum 300x500 cm).

INSTALLATION

6 suspended robotic objects: the **Ton-Pendel(a)utom@t**

- 1 suspension ceiling system (metal rails, wooden beams, or similar) to hang each of the six pendular objects by their power cable. The extension cables to which the objects are connected must be wound around this suspension system to be held securely in place.
- 1 power strip attached to the suspension system, with six possible electrical connections (each pendular object being equipped with a connection cable with a plug at its end).
- Electrical extensions to connect the six objects to the power strip.
- Option 1: connect the extensions to ceiling electrical sockets. Option 2: if the electrical sockets are at floor level, try to hide the route to the cables that are wound around the suspension system.
- Wi-Fi access on the premises.

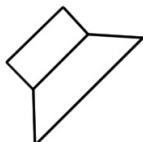
Setup of the loudspeakers

ProTools: 4-Channel Session

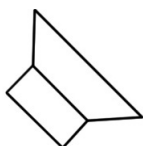
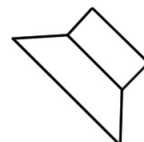
1: L (Left Front) - **2: R** (Right Front) - **3: RS** (Right Surround) - **4: LS** (Left Surround).

Channel to loudspeaker assignment

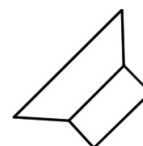
1 (L)



2 (R)



4 (LS)



3 (RS)