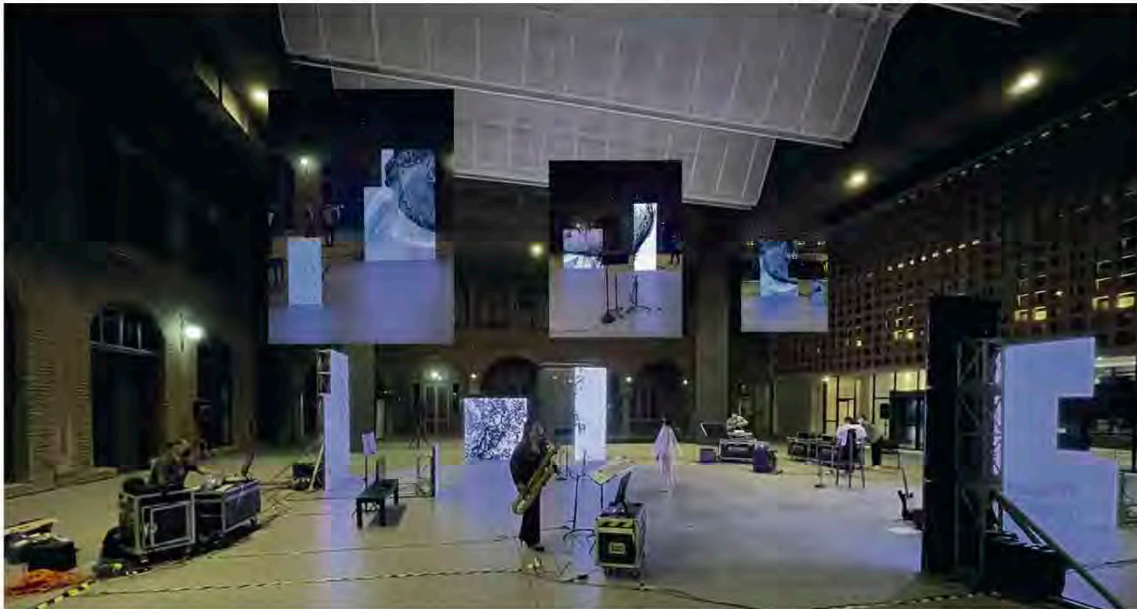


FlapD-0.506: study on unpredictable behaviors

for dancer, saxophones, electric guitars, visuals and electroacoustic device in real time¹



Premier date:

Saturday, November 13, 2021, Auditorium of the Centro de Extensión Oriente, within the framework of the XXX Contemporary Music Festival of the Universidad Católica de Chile.

Artistic team²

Cristian Morales Ossio, composer and general director
Camila Rojas Cannobbio, scenic and movement direction
Valentina Serrati, visual creative direction
Catalina Reyes, dancer
Vicente Barba, electric guitars
Karem Ruiz, saxophones
Cristóbal Parra, programming in Touchdesigner

FlapD-0.506: study of unpredictable behaviors (2021) is the result of the interdisciplinary creative process developed within the framework of the project Possibilities of an enclosed body, financed by the Department of Art and Culture of the Research Vice-Rector of the Catholic University of Chile. It is a performative installation where the disciplines of contemporary music,

¹ Project financed by the Office for the Arts and Culture of the Vice Presidency for Research, Universidad Católica de Chile (2021-22), INTERARTES line. Universidad Católica de Chile.

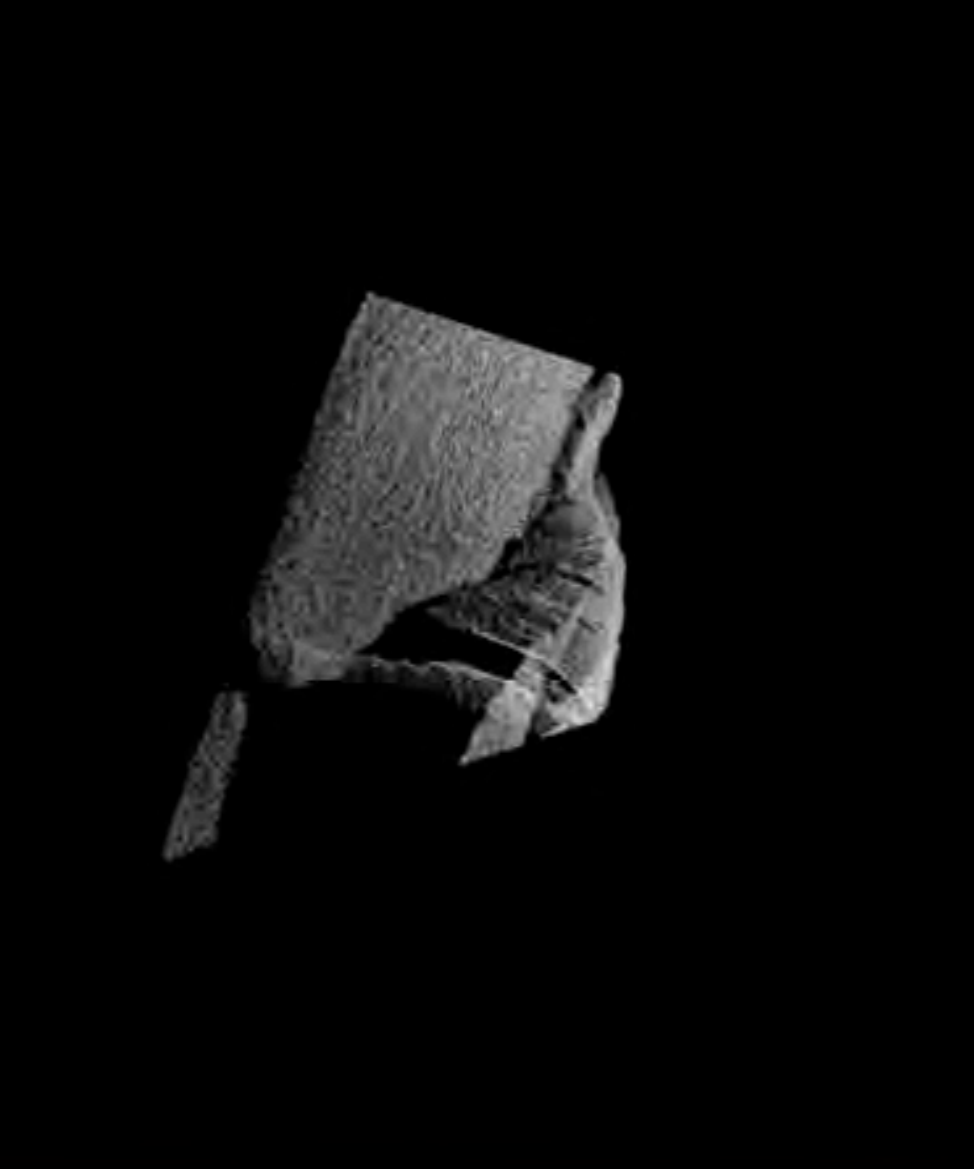
² This is the artistic team that would carry out the performance. Apart from this equipment, the production will require 2 to 3 technicians for the installation and control of the PA system, and 4 technicians for the installation of the visual media (LED screens and those indicated in the technical sheet).

scenic and media arts interact from an expanded notion of "score"; The multiplicity of materials comes together and unfolds in a unique temporal organization that configures various interactions, combining them in a complex way on stage. Understood as scores, these combinations—fortuitous or preconceived—are temporally conditioned by Edward Norton Lorenz's algorithm.

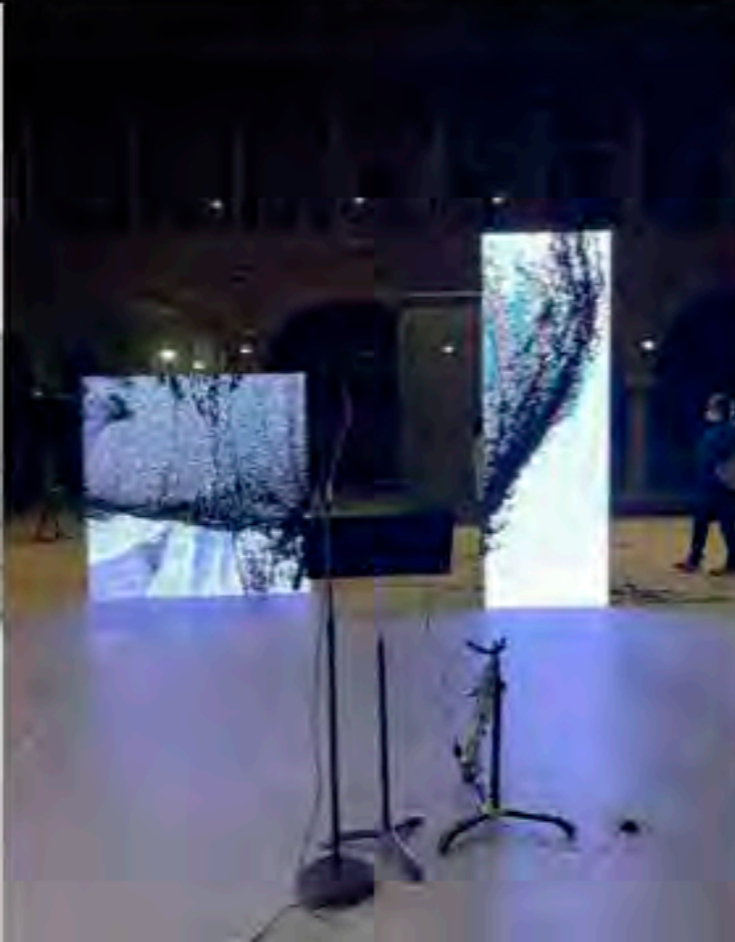
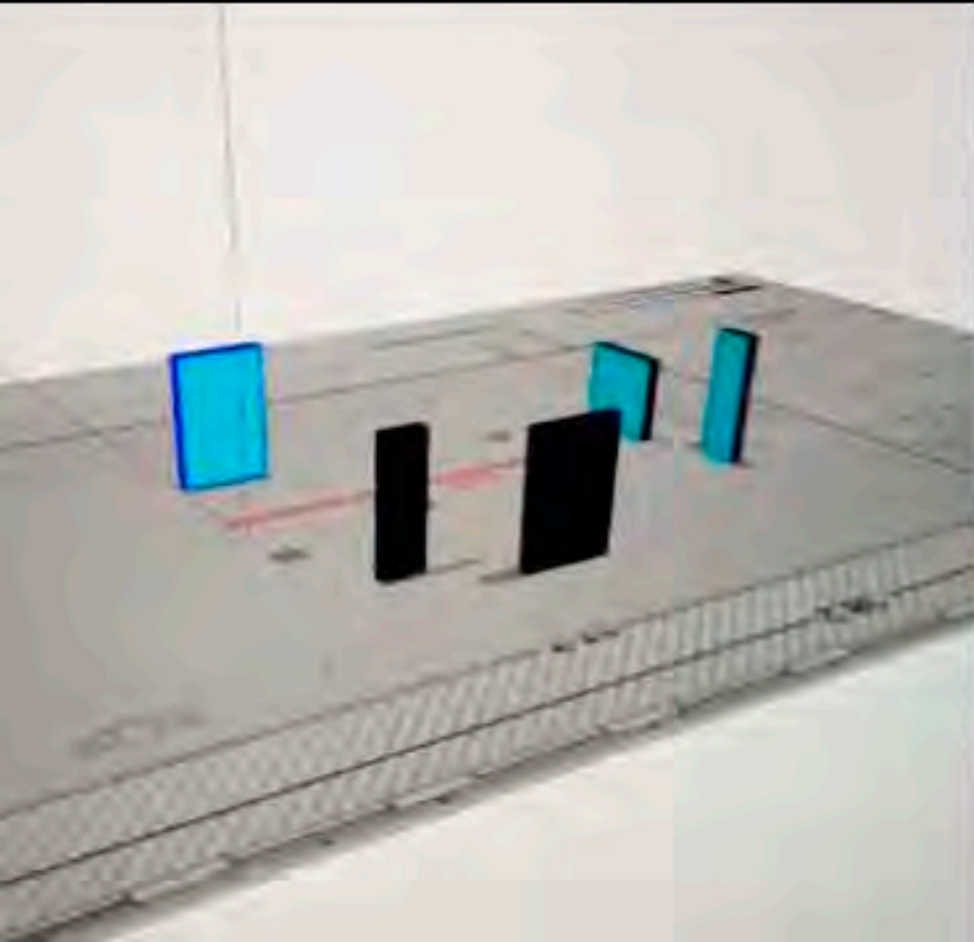
This artwork appears unpredictably as the fleeting flight of a butterfly. The scores manifest themselves for each of the participating devices in two ways: creating unexpected dramaturgy through the combination of preconceived scores, as well as determining the emergence of perfectly synchronized and evocative scores and sharper identities. Saxophone, electric guitar, electronic sounds, body movements and video are governed internally and externally by an algorithm based on Lorenz equations, organizing a scenic organism whose operation reproduces a non-linear dynamic system.

The installation nature of FlapD-0.506 is related to two key aspects: on the one hand, the need to install the scenic device in harmony with a specific site, and, on the other hand, the temporal idea that emanates from the observation of infinite trajectories. Based on Lorenz's equations emerges the possibility of conceiving a work that, even in its rehearsal stage, is approached without contemplating the explicit construction of a beginning and an end.

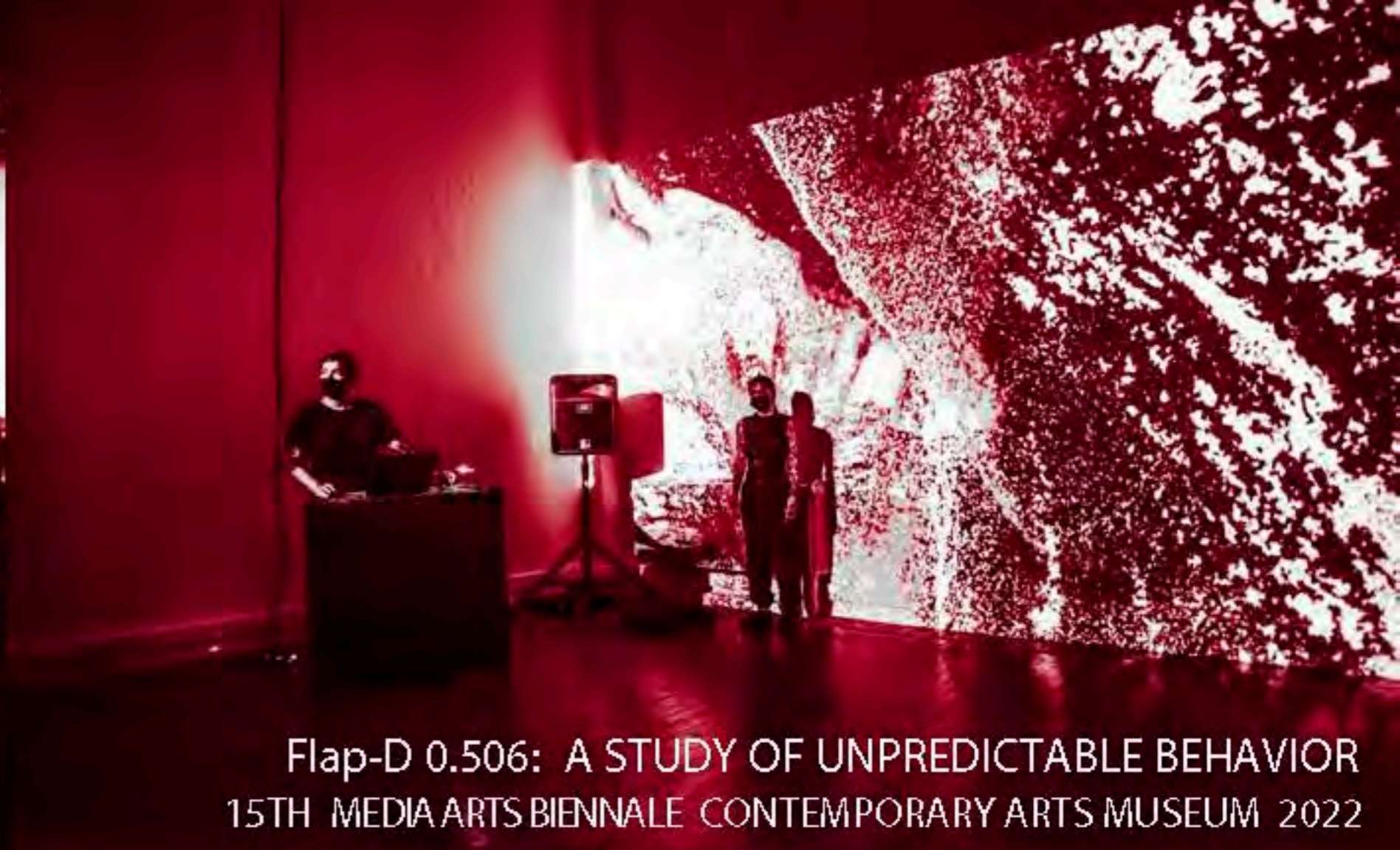
Each of these scores was created by an interdisciplinary team, which followed an iterative work methodology based on improvisations that constituted the inputs for a recursive collaborative system where each of the entities—human and material—becomes a filter that transforms the materialities in turn. In this way, the filters translate the dynamics between the internal and external of the algorithm to sounds, images, and bodily sensations. FlapD-0.506 (acronym for Deterministic Aperiodic Flow, the title under which Lorenz presented his equation in 1963) is intended as an experimental exploration of the multiple creative possibilities that a reading of Chaos Theory from the integrated arts entails.



FlatD-0.506
A STUDY ON UNPREDICTABLE BEHAVIOR
CONTEMPORARY MUSIC FESTIVAL UC / 2021





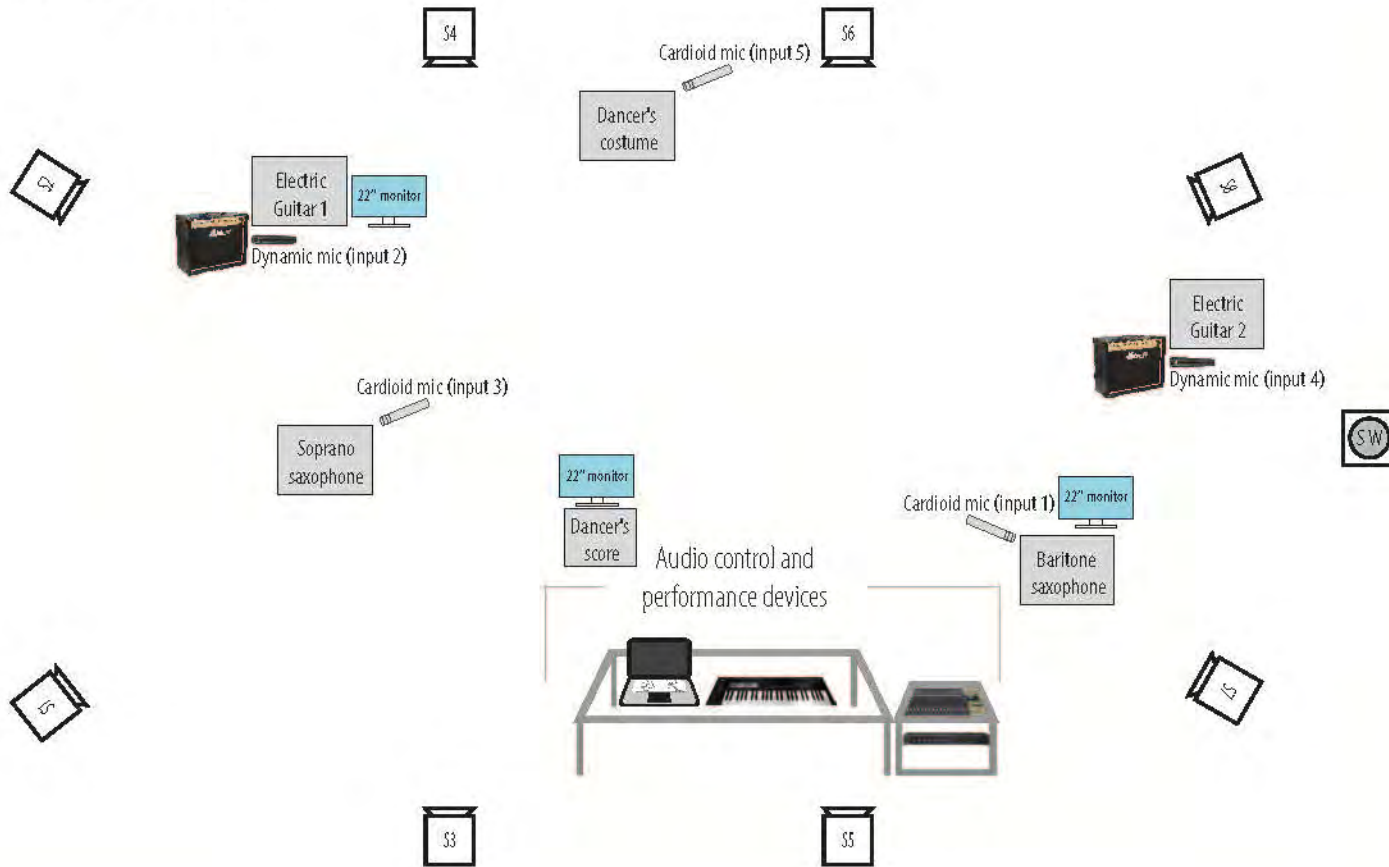


Flap-D 0.506: A STUDY OF UNPREDICTABLE BEHAVIOR
15TH MEDIA ARTS BIENNALE CONTEMPORARY ARTS MUSEUM 2022





Audio setup



Device requirements

- 8 15" active sound reinforcement loudspeakers (S1 - S8)
- 1 15" active sound reinforcement subwoofer speaker (SW)
- 1 Mixing console (8 x 8, minimum configuration)
- Audio interface (8 x 8, minimum configuration)
- 3 cardioid microphones
- 2 dynamic microphones
- 2 electric guitar amplifiers
- 1 Macbook Pro laptop computer (MacBook Pro (Retina, 15 inch, Late 2013), minimum configuration). Max 8 software
- 1 MIDI keyboard controller (Novation Launchkey 49 [MK3] recommended)
- 3 22" monitor screens (HDMI)

Audio control and performance devices



Baritone saxophone place
(22" monitor screen required)



Electric guitar place
(22" monitor screen required)



Dancer's costume place



Dancer's score place

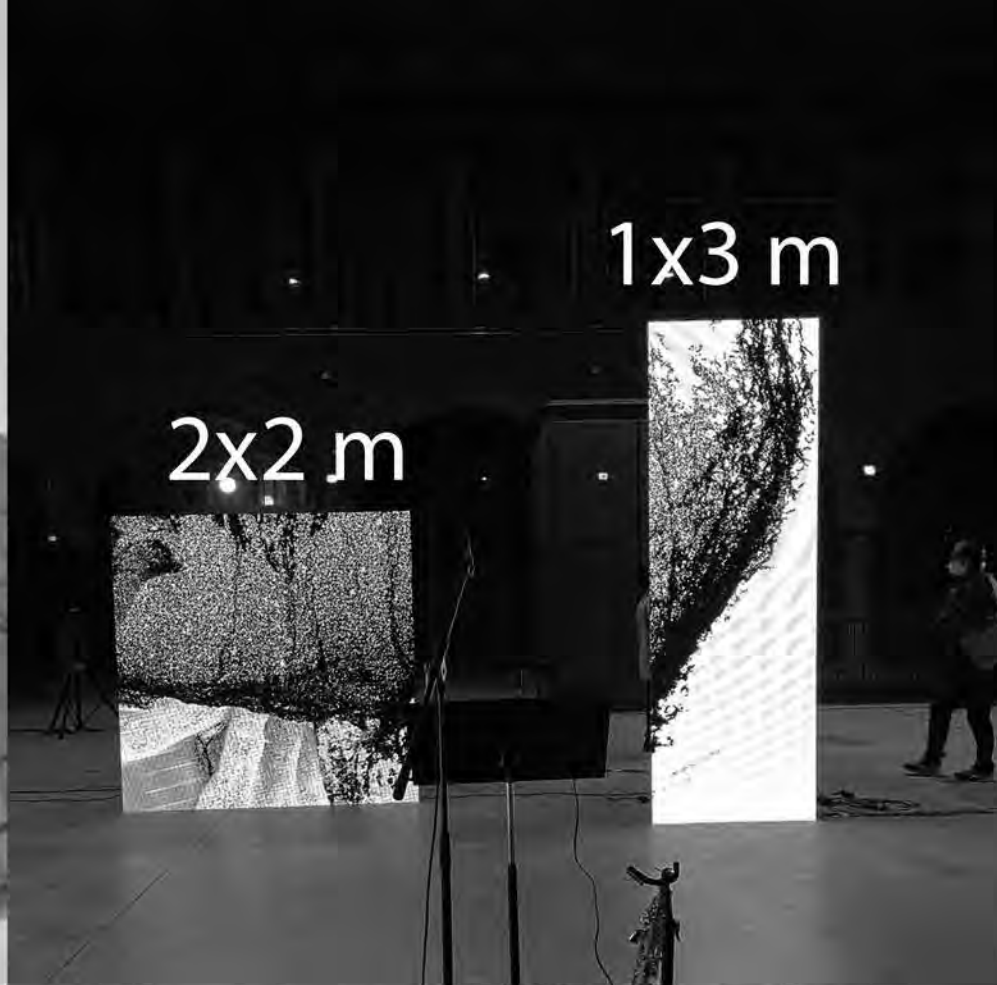


Soprano saxophone place



Electric guitar 2 place





FlapD-0.506

TECHNICAL VIDEO AND SPACE REQUIREMENTS

LED VIDEO WALLS - LED VIDEO MODULES 50X50 CM

2 VIDEO WALLS 1X 3 M WIDE

2 VIDEO WALLS 2 X WIDE

1 VIDEO WALL 2X2 M WIDE

1 VIDEO SIGNAL HDMI FROM VISUALIST COMPUTER

LOCATION: ANY PUBLIC SQUARE OR SIMILAR

