

MECHANIT PROJECT: KONEISTOS



TECHNICAL RIDER

The requirements stated in this rider have been set for the mutual benefit of the Presenter and the Group, to achieve a successful technical and artistic presentation of the piece. If you have problems to fulfil some of our demands don't hesitate to contact us. We will find a solution!

This rider forms an integral part of the contract and any alterations or substitutions shall be done in writing please.

All requirements stated in this rider are preliminary and the set-up will still change as we've not had the premiere yet.

CONTACTS

PRODUCER

Anita Parri // anitaparri@gmail.com / mechanitproject@gmail.com // +358 44 237 7459 (FIN, ENG, RUS)

TECHNICAL DIRECTOR // LIGHT ARTIST

Teo Lanerva // teo.lanerva@gmail.com // +358 40 913 1388 // Skype: teo_lanerva (FIN, ENG)

TOURING PARTY

- 1 light artist
- 2 sound artists
- 1 technician
- 1 producer (depending of the needs of the company to bring their producer, in some cases not needed).

WORKING GROUP:

Atte Olsonen – facilitation, sound design, production

Teo Lanerva – visual design

Jani Hietanen – sound design

Ville Metsätalo – technical realisation of scenography

Soili Huhtakallio – artistic dialogue

Tero Hytönen – outside eye

Anita Parri - production

Concept: Ukko-Pekka Itäpelto, Teo Lanerva, Atte Olsonen

ABOUT THE PERFORMANCE

Koneistos is a synthetic nature experience performed by climbing lamps and mechanical sounding machines. The installation consisting of mechanical machinery and metal pipes takes over the whole venue.

Facilitator and media artist Atte Olsonen's art explores the interaction between mechanical and organic organisms. "As it plays, this orchestra of inanimate machines springs to life."

Light artist Teo Lanerva is fascinated by subtle manipulation of the viewer's perception. "I'm inspired by the interplay between light and shadow often seen in digital art. In Koneistos, the pipe climbing lamps create an enchanting parallel world where the shadows dance among the real-life audience."

The audience is invited to join the immersive and meditative journey that will blur their sense of time and place. Join us to witness the vivid dialogue of the machines and the spellbinding movements of the living shadows.

The installation accommodates only 50 people at a time and children under 12 must be accompanied by an adult. Please note that this show contains theatre smoke, strobe lights and loud sound effects.

TEASER VIDEO

https://www.youtube.com/watch?v=OO5xFHMIZlw&feature=emb_title

WEBSITE

www.mechanitproject.com

SOCIAL MEDIA

<https://www.facebook.com/pg/mechanitproject/>

<https://www.instagram.com/mechanitproject/>

DURATION

The main performance lasts 60 minutes, but we've also a 10 minute version available and it's possible to perform it up to 4 times in a hour.

INTRODUCTION

The performance starts already before the audience enters the hall. We have written an introduction to brief the audience before they enter the space. It's in English, but it can be translated to local language with some help from the Presenter.

STAGE

Theatrical conditions are required and a complete black-out and silence must be possible. All emergency lights must be and replaced with photoluminescent signs. Our led bulbs can function as emergency lights when connected to an ups alongside the console.

We use atmospheric effects and the air conditioning must be off or at low setting. If it's not possible we require at least one extra smoke machine.

The performance can work in many kind of environments, but a space with white walls is preferred. Moving shadows are integral part of the performance and they are not visible on a dark surface.

DIMENSIONS

The size required for the set is approx. 100m², but it can be stretched to cover a 250m² space. Also bigger spaces can work, but not as well. For example in a 500m² space it worked ok, because the space was divided by pillars into two sections and we used only one of them. Optimal shape is close to square, but it can be adapted to other shapes as well.

The highest parts of the structure are almost 5m, but it's possible to build it to a space with for example air conditioning pipes at lower heights. In that case need a precise floor plan including the obstructions to plan the setup.

CURTAINS

- We prefer a space without any curtains. If the walls of the space are dark coloured white curtains are necessary.

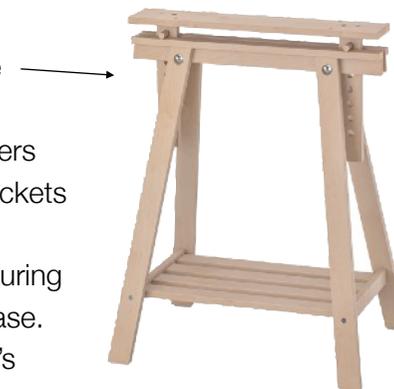
Mechanit Project: Koneistos | Technical & Artist Rider

FLOOR

- The venue floor should be stable, even and free from splinters, holes, and/or other obstructions.
- The venue floor should not be angled.

STAGE EQUIPMENT (Provided by Presenter)

- 2 x black 1x2m podium with 110cm legs to be used as tables
- 3 x high chairs e.g. bar stools
- 2 x ladder with working height of 5m
- 2 x ladder with working height of 3m
- 8 x minimum 10kg stage weight
- 2 x trestle for assembling the structure



- Cloakroom or clothes racks with hangers for the audience to leave their bags, jackets and shoes
- 50 x pillow for the audience to sit on during the performance. No bright colors please. Even 150 pillows is not too much as it's super nice to watch the performance laying down.
- 10 x chair for the people not able to be on the floor
- Woollen socks or blankets for the audience if the space is cold

CLEANING EQUIPMENT

- 2 x broom
- dustpan
- 1 x flat mop + bucket + floor cleaning solution

DESCRIPTION OF THE SET (provided by the group)

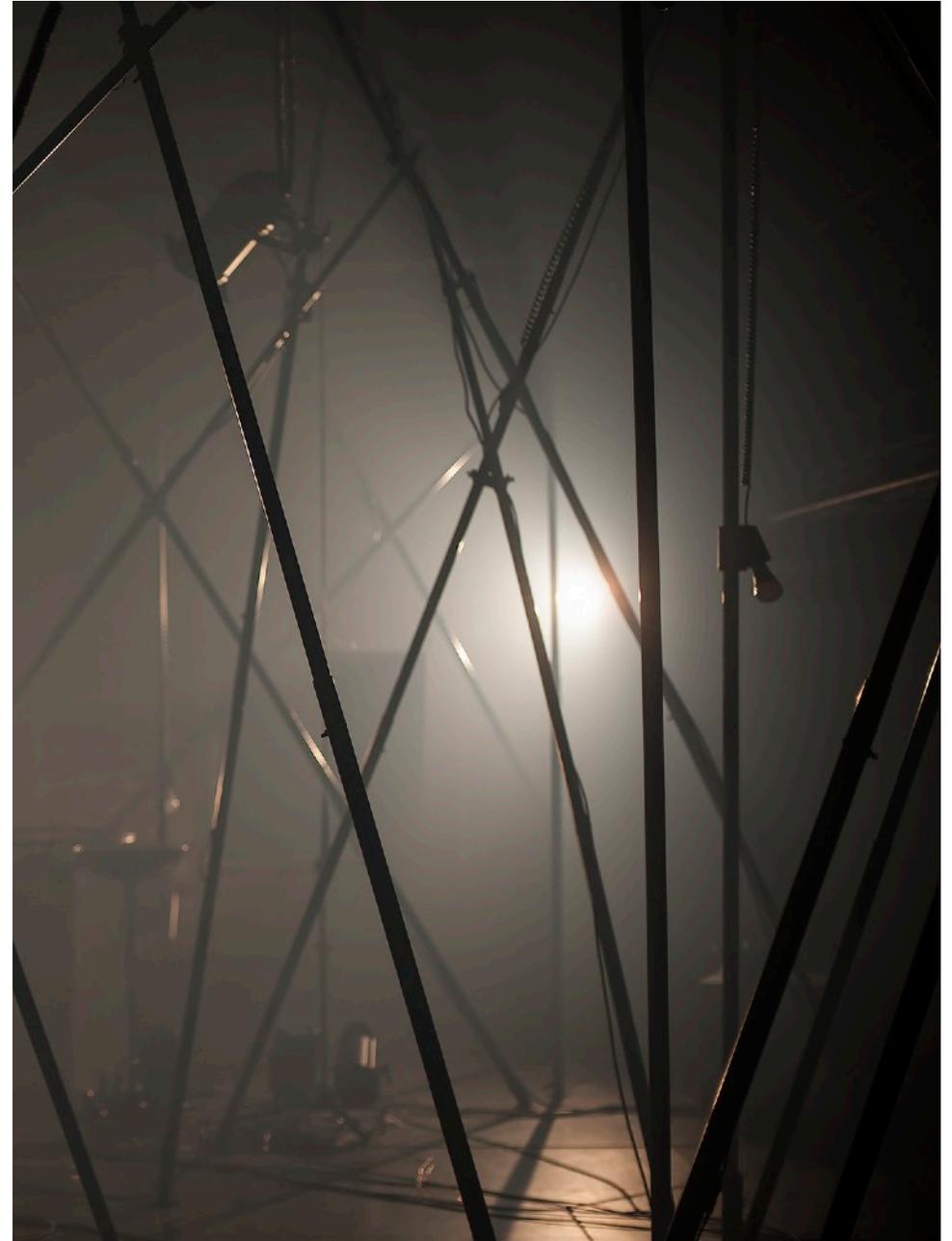
- 108 x 1,7m aluminium pipes
- 38 x 1,5m carbon fibre tube
- bolts, nuts and coupler clamps etc. for attaching pipes together
- 16 x motorised bulb socket with coiled cable
- cables for motors
- ropes for securing the pipes
- motor controller board + PSUs

The structure is based on aluminium pipes attached to each other with coupler clamps. Three 1,7m long aluminium pipes bolted together form a 4,5m long pipe and three of these form a self standing three legged-structure. Rubber pieces are placed under the feet and the legs are attached to each other with rope. On each of the 12 three legged structures we add one carbon fibre tube along which a LED bulbs move. There is also four horizontal carbon fibre tubes with LED bulbs rigged on the aluminium pipes so there is 16 moving bulbs in total.

The cables are run on the ground along with the ropes. Because of this the audience is asked to move without shoes in the space.

SAFETY

The cables form a risk for slipping and tripping. Due to this, it is not safe for the audience to move during dark and foggy moments as you could hit your head or step on other spectators. With clear instructions and good planning these risks can be managed and the Finnish rescue department has had no problem with our plans.



LIGHTING REQUIREMENTS (Provided by Presenter)

All the lights to be provided by the Presenter must be in good condition, clean, tested and ready on the stage along with accessories and cables before load-in time.

Optimally the pars are hung on pipes or trusses in the ceiling, but it is also possible to hang them on our aluminium pipes. In that case it is crucial that we choose as light weight fixtures as possible.

Don't hesitate to contact us if you have problems to fulfil our requirements, we'll find a solution!

Underlined equipment is only required for the 10min version.

- Optimal amount of dimmer channels is 18/36x 2kW ch
 - Minimum is 12/26 x 2kW ch
- 9 x Par 64 CP62, **black**
- 2 x 2kW PC
- 13 x 500W Fresnel / PC, with barndoors
- 6 x pinspot
- 6 x ETC S4 750W 50°
- 6 x 2m **black** tank trap or tripod for 500W Fresnel / PC and etc's
- 2 x stable **black** side light tower or something to get 2kW PCs to 2m height (the middle of the lens).
- 2 x Look Solutions Viper NT
 - Regular and quick fog fluid
 - If air moves a lot on the stage we need also two (2) hazers.
- 4 x Martin AF-1 DMX controllable **black** fan
- Quick trigger clamps, filter frames and safety cables for all fixtures



- If the fixtures are hung on our structure, 11 additional superclamps are required.
- New LEE Filters: L502 and blackfoil
- Spare bulbs for all fixtures, spare fixtures, spare fluids, spare filters etc.
- Tapes: black gaffer tape, black PVC tape, black aluminum tape, black electricians tape, white marking tape
- 200 x black approx. 30cm zip-ties
- UPS for our console and bulbs with minimum 12V / 4.5Ah battery

ATMOSPHERICS

All smoke and haze fluids need to be non-toxic, high quality fluids designed to be used with the specific machine. Only MDG, Pea Soup, Look-Solutions, Smoke Factory, Martin and Jem machines are accepted.

FOH

Preferably we have our consoles hidden in some other room. For the programming we'll move them closer to the structures. All our stuff fits on two (2) 2x1m podiums with 110cm legs

- 230V AC power with European two-pin schuko plug

WIFI

Our lighting system uses wireless dmx that works at 2.4 GHz. We've noticed that at venues with lots of wifi traffic our system does not work properly. For the performance to go well it might be necessary to either disable the wifi's or schedule the performances outside the heavy use of wifi, e.g. outside office hours.

CABLES

All cables need to be black

- schuko 2out
 - 10 x 2m
 - 20 x 3m
 - 10 x 5m
 - 10 x 10m
 - 10 x 20m
- 10 x 5-6 out schuko
- single socket extension cord with European style schuko connector for our LED bulbs OR 17 adapters
 - 15 x 10m
 - 5 x 20m
- SOCAPEX (or harting)
 - 8 x 10m
 - 7 x 20m
 - 5 x socapex to schuko box
- All necessary 3-phase cables etc. for dimmers
- DMX (5pin)
 - 3 x 1m
 - 5 x 5m
 - 5 x 10m
 - 5 x 20m
 - 2 x 5>3pin adapter
- DMX (3pin)
 - 6 x 10m
- 2 x 5m cat5



LIGHTING GEAR (Provided by the Group)

- Lighting console: MA2 OnPC CommandWing with 2 x 5pin dmx out
 - If you have MA2 or it is easy for you to arrange one, please notify us so we don't bring ours
- 16 x LED bulb
- Wireless dmx transmitter for LED bulbs (2.4 GHz)

DOCUMENTS

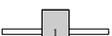
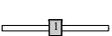
See attached generic plot to get an idea of the positioning. Note that these positions or fixture counts are not final. Please deliver a floorplan (PDF / DWG / WYG / SketchUp) of the venue and pictures of the stage back and side walls without curtains at least six weeks prior to presentation so our LD can draw the adapted lighting plot. You can find high resolution pdf versions of the plots in the lighting docs folder included in the zip file.

MECHANIT PROJECT: KONEISTOS

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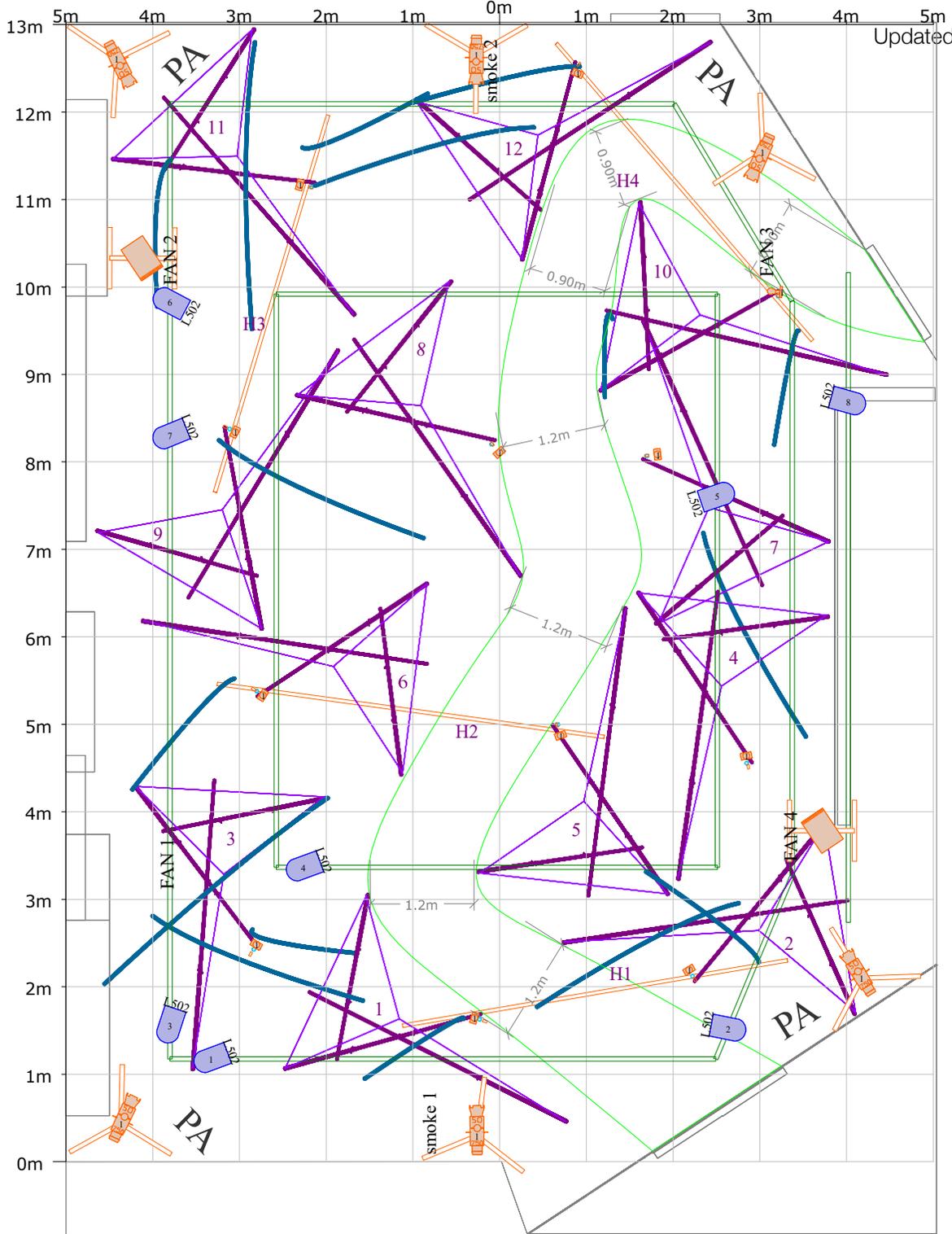
LIGHT PLOT 0.07

TOP ALL
 SCALE 1:75 (A3)
 GRID 1 x 1m

-  On truss
-  On the upper pipe of truss
-  Sub-hung
-  On The Floor
-  16 x Wireless moving led bulb
-  0 x ETC S4 26°
-  0 x ETC S4 36°
-  6 x ETC S4 50°
-  0 x Fresnel / PC 1 kW
-  2 x PC 2kW
-  0 x Fresnel / PC 500W
-  8 x PAR 64 CP62
-  6 x Pinspot

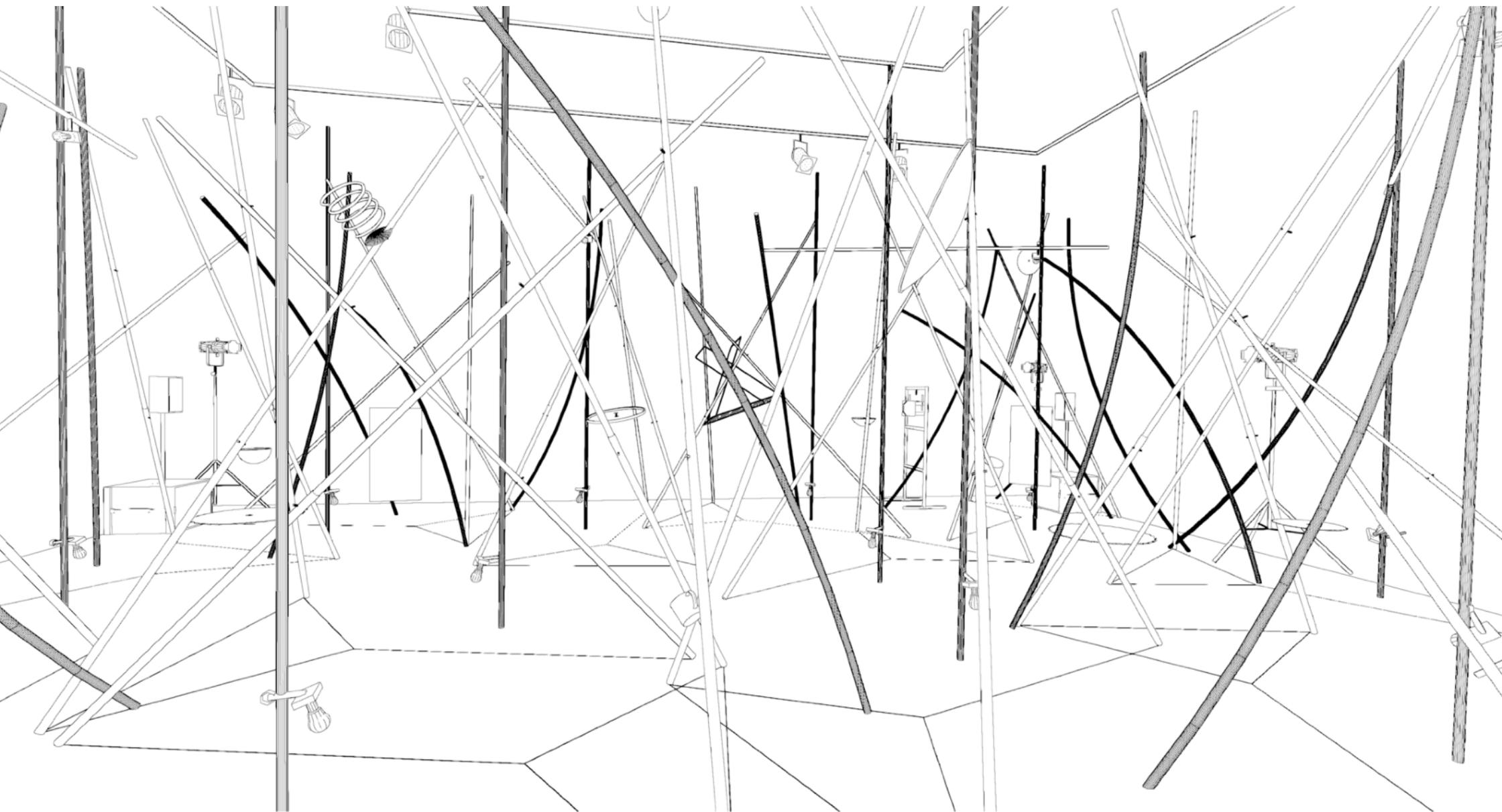
Notes:

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Updated 28.7.2022
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3D RENDERING / SIDE VIEW:



Mechanit Project: Koneistos PATCH SHEET 0.99

Updated 28.2.2022

CH	patch	purpose	CH	patch	purpose	CH	patch	purpose
1		Par 1	35		Pinspot 5	101		
2		Par 2	36		Pinspot 6	102		
3		Par 3	37			103		
4		Par 4	38			104		
5		Par 5	39			105		
6		Par 6	40			106		
7		Par 7	41			107		
8		Par 8	42			108		
9		Par 9	43			109		
10		Tripod fresnel 1	44			110		
11		Tripod fresnel 2	45			111		
12		Tripod fresnel 3	46			112		
13		Tripod fresnel 4	47					
14		2kW PC 1	48					
15		2kW PC 2	49					
16		Profile 1	50					
17		Profile 2	51					
18		Profile 3	52					
19		Profile 4	53					
20		Profile 5	54					
21		Profile 6	55					
22		Sauna Fresnel 1	56					
23		Sauna Fresnel 2	57					
24		Sauna Fresnel 3	58					
25		Sauna Fresnel 4	59					
26		Sauna Fresnel 5	60					
27		Sauna Fresnel 6	61					
28		Sauna Fresnel 7	62					
29		Sauna Fresnel 8	63			1001		Smoke machine 1
30		Sauna Fresnel 9	64			1002		Smoke machine 2
31		Pinspot 1	65			1011		ext fan 1
32		Pinspot 2	66			1011		ext fan 2
33		Pinspot 3	67			1011		ext fan 3
34		Pinspot 4	68			1011		ext fan 4

SOUND REQUIREMENTS (Provided by Presenter)

- Professional quality digital mixing console with the capability to stream the inputs and outputs over USB to a Mac laptop, minimum of 22 inputs and 10 outputs (Digico, Midas, Yamaha, etc.)
- A professional quality sound system. Quality manufactures preferred: D & B, EAW, EV, L'ACOUSTICS, MARTIN, MEYER, NEXO, etc.
 - 4 x compact speaker e.g. L-Acoustics 108P
 - 4 x tripod stand or pipe for speakers
 - 4 x subwoofer e.g. L-Acoustics SB15P
 - Separate amplifiers for all speakers with adjustable EQ

MICS

- 5 x Shure SM57
- 3 x long mic stand with boom arm

CABLES

- 7 x 10m Speakon NL4
- 8 x 15m Speakon NL4
- 3 x 20m Speakon NL4
- 16 x 3m XLR
- 14 x 5m XLR
- 14 x 7m XLR
- 16 x 10m XLR
- 8 x 20m XLR
- All necessary power and patch cables

OTHER

- 17 x DI-Box (hi-impedance input preferred)
- 1 x coffee cup
- 9 x 50cm safety cable (black)
- 9 x super clamp

SOUND GEAR (Provided by the Group)

INSTRUMENTS

- 2 big tablesaw blades
- 14 small tablesaw blades
- 3 large metal sheets
- 1 parabolic antenna
- 2 flower pots
- 1 bicycle rim
- 1 lamp frame
- 1 lamp shade
- 1 drying rack
- Mallets
- Fishing line

SOLENOID EQUIPMENT

- 2 Arduino/solenoid controllers
- 2 DC power sources for the controllers
- 40 solenoid motors
- Custom cables and adapters for solenoids

MICS

- 20 contact microphones

CREW & PROPOSED SETTING SCHEDULE

The need of crew and the setting schedule are subject to the local conditions. If your venue's circumstances require more time and/or personnel due to e.g. local union regulations, these numbers can be adjusted.

As the set-up is quite complicated we prefer to travel with our own technician who is familiar with the structure, but in addition to this we need one local technician who is familiar with the venue and the provided equipment.

- If any curtains or carpets are required they have to be setup by the local technicians before the load-in.

The set-up is done during three days before the presentation. The final set-up schedule with total crew needed must be confirmed with the technical director of the group at least four weeks prior to the presentation.

The local crew should be familiar with the venue and the house electricity feeds, dimmers, sound system, fly system etc. The crew must be sober and free from other duties during the set-up times. At least one technician speaking fluent english is required.

EXAMPLE OF PRE-PRODUCTION SCHEDULE:

6 WEEKS BEFORE THE PRESENTATION:

- The Presenter sends following documents to the technical director of the Group:
 - Complete listing of venues technical equipment
 - Floorplan (PDF / DWG / WYG / SketchUp) of the venue with pipes and bridges (top, front, side)
 - Well lit pictures of the space without curtains where the walls are visible
 - Proposed schedule and crew
 - Contact details for the technical director of the venue

5 WEEKS BEFORE THE PRESENTATION:

- The technical director of the group will send to the technical director of the venue:
 - Adapted lighting plot for the venue
 - Possible special requirements for the venue
 - Confirm or propose changes to schedule and crew
 - Suggestions for the times for video meeting

4 WEEKS BEFORE THE PRESENTATION:

- The technical director of the venue has studied the documents carefully and the video meeting will take place.
- Schedule, crew and technical requirements will be finalised and the contract signed

EXAMPLE OF A SET-UP SCHEDULE:

BEFORE THE SET-UP DAYS:

- Rigging the curtains
- Testing the fixtures and moving them from storage to the stage
- Collecting all necessary cables and accessories
- Cutting the filters
- Cleaning the stage, bridges and pipes etc.
- Printing the plots

if you face any problems with the things mentioned above please call the technical manager so we can solve the problems in advance. The set-up schedule is really tight and this way we won't need to work overtime!

LOAD-IN DAY (WELL EQUIPPED SPACE):

- 9.00 - 9:30 Load-in
- 9.30 - 12.00 Rigging lights / sound set-up
- 12.00 - 13.00 Lunch
- 13.00 - 15.00 Focusing lights
- 15.00 - 20.00 Set-up of our structure

SET-UP DAYS 2-3:

- Setting up our stuff

FIRST SHOW DAY:

- 09.00 - 13.00 Testing and programming
- 13.00 - 15.00 Rehearsals
- 15.00 - 17.00 Corrections / final set-up / cleaning the space
- 17.00 - 18.00 Dinner
- 18.00 - 19.00 Preparations for the show
- 19.00 - 20.00 SHOWTIME
- 20.05 - 21.00 Cleaning

SECOND SHOW DAY:

- 16.00 - 18.00 Rehearsals
- 18.00 - 19.00 Preparations for the show
- 19.00 - 20.00 SHOWTIME
- 20.05 - 21.00 Cleaning

SHOW DAY WITH TWO SHOWS:

- 11.00 - 13.00 Rehearsals
- 13.00 - 14.00 Lunch
- 14.00 - 15.00 Preparations for the show
- 15.00 - 16.00 Introduction to the audience / SHOWTIME
- 16.05 - 17.00 Cleaning / Preparations for the show
- 17.00 - 19.00 Dinner
- 19.00 - 20.00 SHOWTIME
- 20.05 - 21.00 Cleaning

LOAD-OUT DAY:

- 9.00 - 18.00 Strike down of the structure and packing

ARTIST RIDER

ACCOMMODATION

- Accommodation for 4-5 people on the days of set-up and performance
- 5 single rooms with own toilet and shower in a hotel
- with breakfast included
- free wireless Internet access
- listing of restaurants, supermarkets, convenience stores within walking distance

TRANSPORTATION

Most of the gear is in one large 450kg case (192x80x120cm) which we ship to the venue. The rest of the gear we bring with us includes one over weight case that is too large to move around using public transportation. We can take a taxi from the airport, but it always makes things easier if you can arrange a car to pick us up. In addition to this the group will have other equipment and their personal luggage.

DRESSING ROOMS

The presenter agrees to provide the following:

2 DRESSING ROOMS NEAR THE STAGE WITH:

- resting places for artists (sofas, mattresses etc.)
- well lit
- tables
- chairs and a mirror
- power sockets
- garbage bin
- first aid pack, ice packs
- lockable or guarded

The Presenter is responsible for all valuables kept at the premises (space, stage, auditorium, FOH and dressing rooms), including the groups belongings and equipment.

CATERING

DIETARY RESTRICTIONS:

- Anita: No allergies
- Atte: No allergies
- Jani: Vegan
- Teo: Vegetarian, No kiwi
- Our technician: TBC

CATERING FOR SHOW AND SET-UP DAYS (READY AT LOAD-IN TIME):

- bottles of still and sparkling beverages
- 100% fruit juice
- tea and coffee with milk and sugar
- Fresh fruits
- salty snacks
 - pistaches, chips
- chocolate
- variety of freshly made sandwiches (SEE FOR DIETARY RESTRICTIONS ABOVE)
- natural yoghurt
- water bottles
- red wine
- organic and local is great bonus!

PER DIEMS OR MEALS:

- breakfast and 2 hot meals per day at the time specified by the group
- SEE FOR DIETARY RESTRICTIONS ABOVE
- one meal consists of starter, main dish, dessert, coffee, drinks
- listing of restaurants, supermarkets, convenience stores within walking distance