

Tech Rider

Nano Steps - Into the Lab

A lightly participatory object-theatre show and lab-tour with two performers, microscopic particles, scientific and musical equipment and a big projection.

Video documentation of the show from premiering venue

(Alfred ve Dvoře, Prague, April 2024)

<https://youtu.be/U1JYJq9RoYQ>

Touring

3 people:

2 performers

1 driver & tour technician

All set pieces travel by cargo or Trial & Theatre van. A parking space close to the venue will be needed.

Upon further agreement third party delivery can be used. If using third party delivery, the venue must be able to receive and store the set up to 2 days prior to the set-up. When packed, the set requires approx. 2,5 m2 of storage space.

Performance space

Suitable for small, intimate and atypical performance spaces. The group has another show in the Nano Steps series for conventional midsize to large stages and frontal facing audiences.

Stage space minimum 5m x 8m x 2,5m (WxDxH), maximum 8m x 10m x 5m (WxDxH). Any light sources in the space will need to be closeable or coverable. The stage area must be free of obstructions e.g., large set pieces or big furniture.

At the beginning of the show, the audience will collect small particles from the performance space, so the space should not be cleaned too thoroughly before the arrival of the artist. In case the cleaners find interesting small trash while cleaning the space, they should be collected separately and sprinkled back into the space prior to performance.

Trial & Theatre: Nano Steps - Into the Lab

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Set up & Strike down

6-10 hours depending on venue, pre-work, equipment and available staff on site. We suggest separate days for setup and first show. The equipment in the show works with extreme precision, so sufficient calibration time is a priority.

Proposed Schedule:

DAY 1 (setup)

10:00 - 10:30 Arrival and introduction to the venue

10:30 - 11:00 Load in

11:00 - 15:00 Setup incl. lunch break

15:00 - 17:00 Calibration of equipment, troubleshooting

17:00 - 18:00 Technical run through

DAY 2 (shows)

13:00 - 14:00 Arrival and check of equipment calibration

14:00 - 17:00 Rehearsal in venue

17:00 - 18:00 Pre-show preparation and checks. Space must be free from extra people.

18:00 Show 1

21:00 Show 2

DAY 3 (strike down)

10:00 - 12:00 strike down and offload

Crew

We will need 1 technician to help with offload, trouble-shooting and during strike down.

We will need 1 venue technician / stage manager to introduce the venue upon arrival.

Show duration

The performance is approx. 45 min. to 1 hour long with no intermission

Itemised technical description

Stage:

The venue shall provide:

- 3 pieces 220V outlets mid stage (For sound, light and lab equipment. Each preferably in their own phase / behind a separate fuse)
- 2 tables minimum 70cm x 120 cm. Thickness of board maximum 55 mm. - Cable bridge or other method of protecting a bunch of signal-carrying cables from the audience walking across.
- Audience seating that is light, movable, and rearrangeable mid-performance. E.g. foldable chairs.

The artist shall provide:

- All necessary multiplugs for performance equipment.
- All laboratory equipment and samples
- All props and costume

Projection:

The venue shall provide:

- *Upon further agreement:* A blackening curtain behind the screen, if deemed necessary while planning for the gig

The artist shall provide:

- 1 Projector
- 1 Screen
- 1 Video mixer
- 2 microscope cameras
- All necessary signal and power cabling

Light:

The venue shall provide:

- General work lighting and audience entrance lighting for the performance space, controllable by the performers or the venue staff upon cue
- 220V extension cables to lengthen cabling runs in case of a larger

performance space or need for elaborate cable-routing in the space

- *Upon further agreement:* Means to darken the performance space e.g. with curtains or boards in front of windows, if deemed necessary while planning for the gig

The artist shall provide:

- 3 DMX-controlled RGB light fixtures
- 2 Table lamps
- 2 Gooseneck-lamps for microscopes
- 1 DMX-controlled Microscope-LED system
- 1 Dimmerpack
- 1 DMX-splitter
- 1 Enttec DMX-USB Pro Dmx controller
- 1 Macbook Pro running QLC+ (shared with sound)
- All necessary cabling to power the lights and carry control signals

Sound:

The venue shall provide:

- 1 Normal height (singer) microphone stand with a pivotable arm
- Backup audio-signal cabling (XLR) to extend artist provided cabling in case of large space or elaborate cable-routing in the space
- *Upon further agreement:* Material for light acoustic treatment of performance space, in case of standing waves or comb-filtering (e.g. heavy curtains)

The artist shall provide:

- 1 Genelec 4.1 PA-system
- 1 Soundcraft Signature 12 MTK mixer / audio-interface
- 1 Macbook Pro running Qlab 5 (shared with light)
- All necessary sound-producing equipment, including a shotgun microphone, modular synthesiser, sampler, laboratory signal generator, wideband amplifier and microscope-chladni plates
- All necessary power, signal and control cabling to run the show

Notes