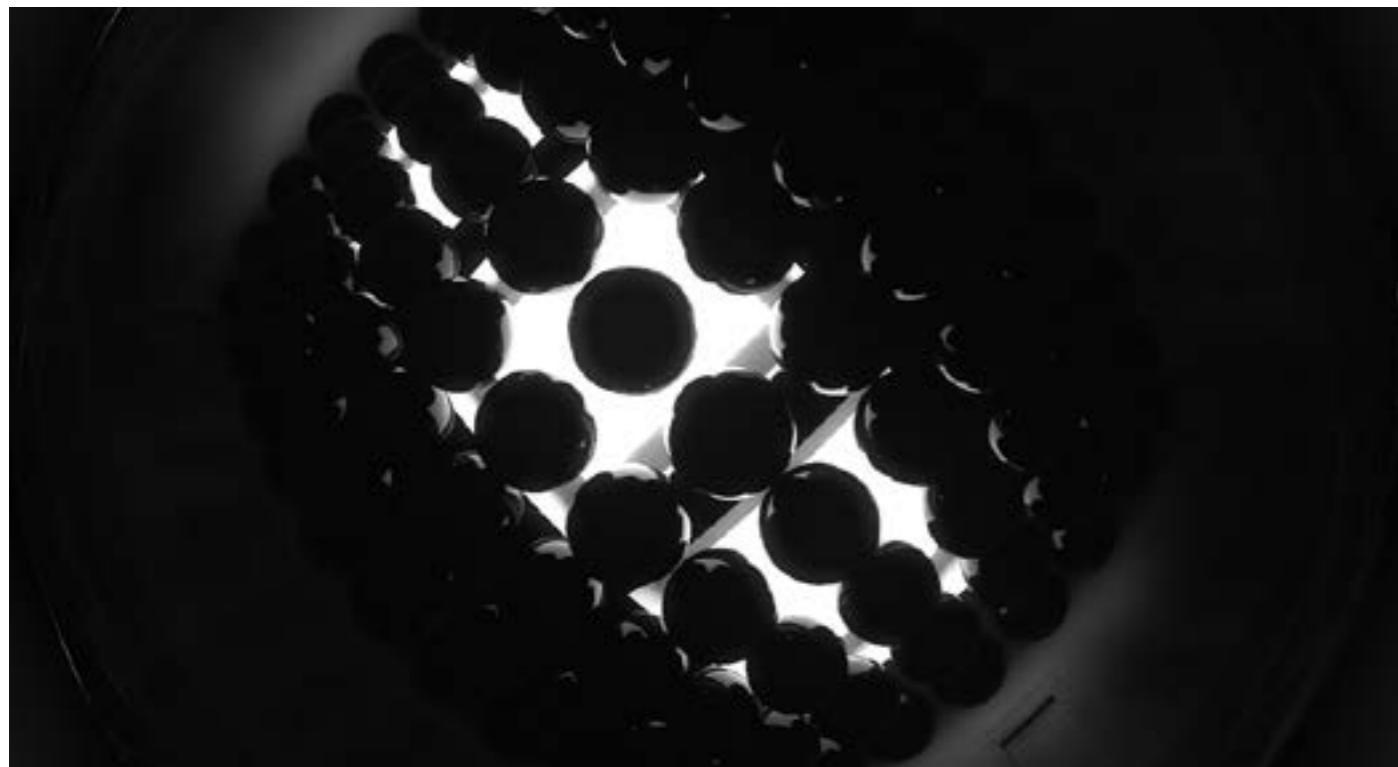




**MARTIN BRICELJ BARAGA**  
**NEUNUNDNEUNZIG (99)**  
TECH RIDER

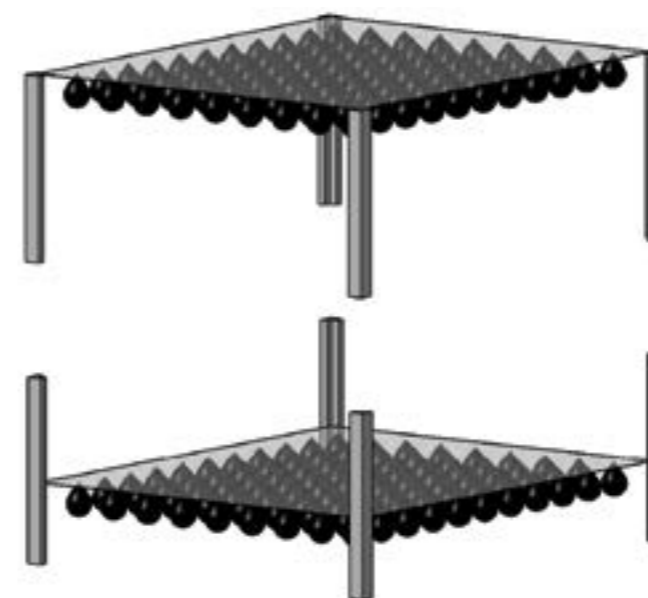


## NEUNUNDNEUNZIG (99)

### NEUNUNDNEUNZIG (99)

is a kinetic sound sculpture by Martin Bricelj Baraga and Olaf Bender (Raster-Noton). It is comprised of a matrix of 99 balloons composing an immersive yet intimate performance. While being inflated, the balloons surround visitors to create an intense physical, sonic, and visual experience. NEUNUNDNEUNZIG (99) is a dark field of intensities where sound, light, and objects are inhaling, exhaling, and pulsating in a space that is shrinking and extending, thus creating a highly intensive, even claustrophobic psycho-physical and socio-spatial experience that mirrors the current conditions of our society.

<http://www.baraga.net/works/Neunundneunzig.html>



## TECH RIDER CHECKLIST

### Installation size:

Approximately 8 x 11 m (can be a bit stretched or squeezed if needed)

Completely dark and quiet space

### Requirements:

3x compressors:

- Max pressure: > 7bars (it should have the pressure regulator on the output)
- Air flow rate: > 250L/minute
- Air tank: > 100L
- Similar to this one: NS11I/100CM, 254L/min ([www.airtrading.nl/Bewerkte\\_documentatie\\_website/Balma/Balma\\_piston\\_compressors.pdf](http://www.airtrading.nl/Bewerkte_documentatie_website/Balma/Balma_piston_compressors.pdf))
- Another way to test the compressors is if you measure the time it takes to fill up 100L air tank to 8.5bars, it should be in less than 3 minutes.

A space for compressors, well ventilated and close enough (less than 30m length for compressor tubes).

The noise from compressors shouldn't be heard in the installation area.

The compressor place should have the power supply appropriate for the compressors.

Prolite 4 point Truss H30V system, hanged on four ASM P-250, for lifting the grid up and down

3 persons for assistance for setting up (two days) and 3 persons for dismantling down (few hours) the installation (they should have technical skills)

3 persons for assistance during representation of installation (they should be pleasant and polite and native English speaking)

100m of 1.5 mm thick steel wire to create a net for balloons

24m of 2 mm thick steel wire to hang the electronics

14x wire tensioner and 40 wire clamps so we can make a small loop on each side of the wire.

WiFi available in the room where installation will be.

Tubes from compressors to the centre of installation, with normal compressor plug on the end.

230V plug in the middle of the installation (can be hanged from the ceiling)

2x car tire inflating tool

Full frequency spectrum sound-system (4 satellites and woofer)

USB Soundcard with minimum 6 channel balanced outputs

Cables for connecting speakers with soundcard

Heavy fog machine

2 x strobe lights with audio trigger input (similar to: AP-J120A)

Cables for connecting strobes with soundcard

16x chairs (fixed to the floor or between themselves, so they can't be moved from the ideal position)

Various tools like: cutters, screwdrivers, duct-tape, hot glue gun, one second glue,...

We need a space next to the installation, but not visible from the installation for computer and soundcard. It can be behind an improvised wall or curtain.

### Before our arrival:

The moving truss system should be installed.

The compressors should be on its place.

The tubes from the compressors to the closest corner of the installation should be mounted. They should be set in a way that a grid of balloons can move up/down.

16 connected chairs ( 4 x 4 ) should be in the 99 space. They should be on the side until everything is set.

The small desk with a chair for our computer and soundcard should be placed next to the installation. A power socket with 4x 230V is needed there. If we come with an airplane we would need an LCD screen for our computer.

The sound system should be placed as shown in the sketch below and connected to the soundcard.

The strobe lights should be on its place and connected to the soundcard.

We need two days (2x 12 hours) for setting up the installation and 4 hours to set it down. This time can be prolonged if technical requirements are not as specified.

Please check all the boxes on checklist and sign below to acknowledge that you have read, understood and are able to provide all aspects of this technical rider.

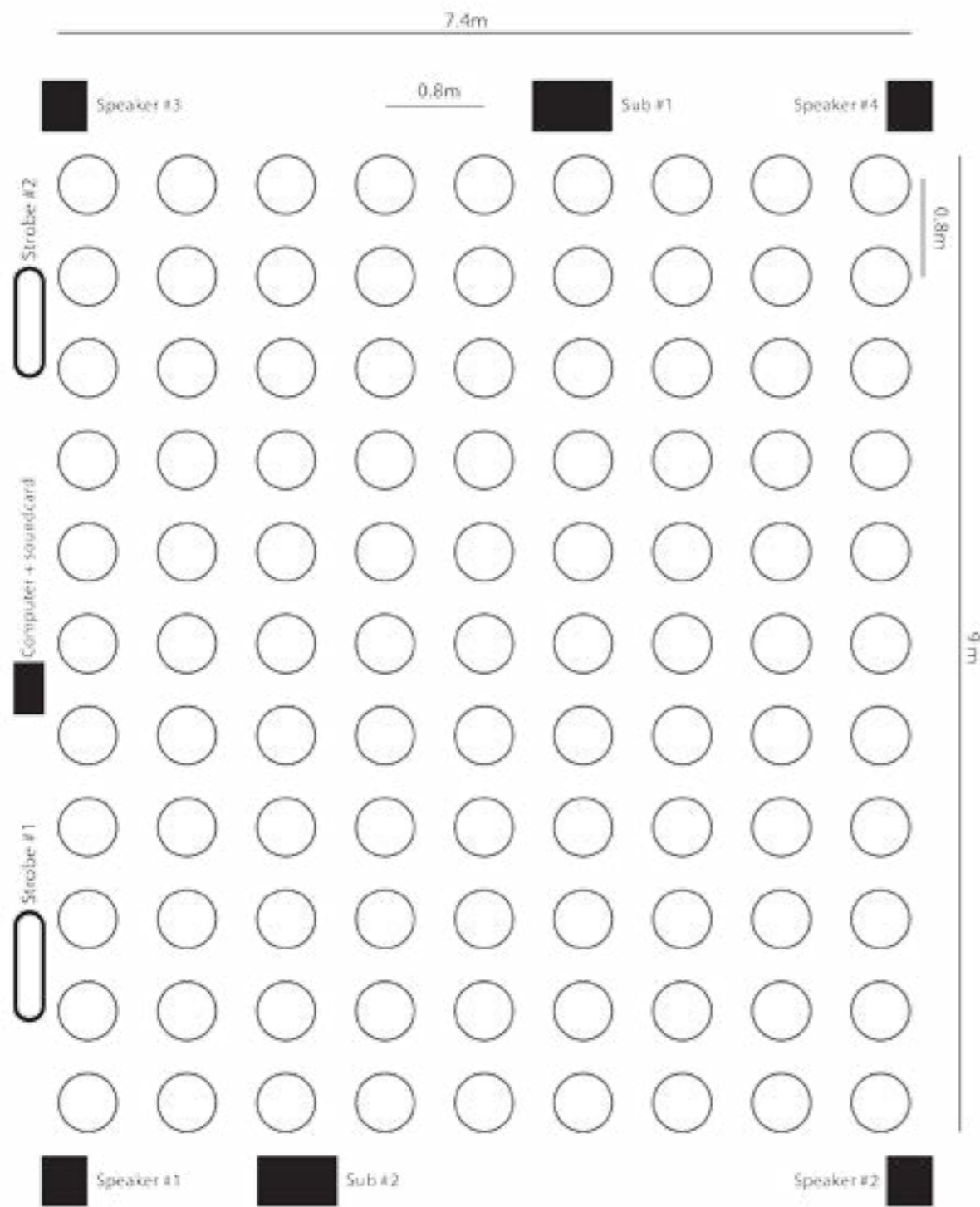
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SIGNED:

DATE:

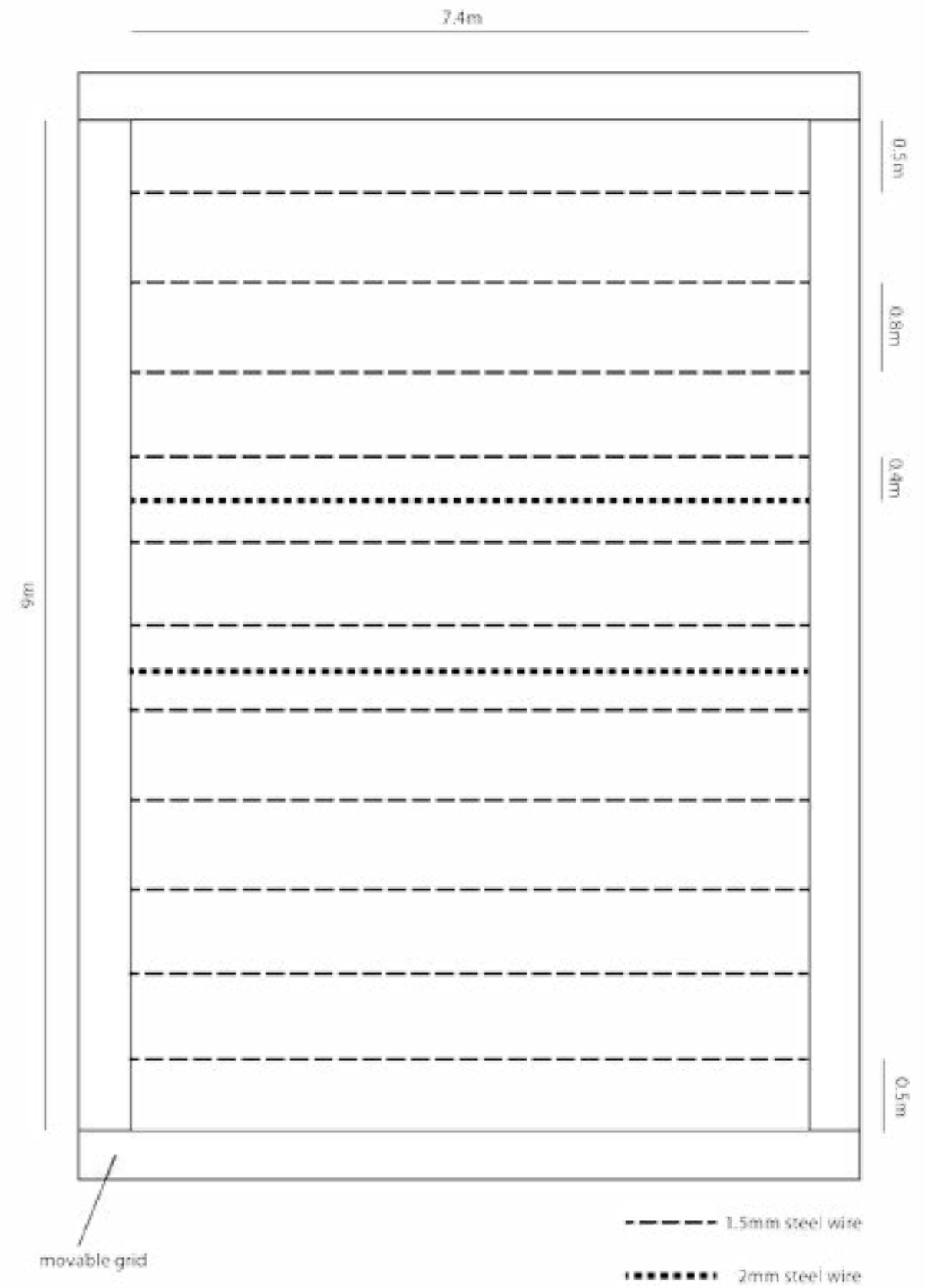
# MARTIN BRICELJ BARAGA NEUNUNDNEUZIG (99)

Layout of 99:



# MARTIN BRICELJ BARAGA NEUNUNDNEUZIG (99)

Steel wire grid scheme:



## PERFORMANCE SUMMARY

- Balloons are on 4m height
- Visitors sit down on pre-arranged chairs
- Lights go out and balloons lower to 2m height
- Installation starts
- First the visitors are in the dark hearing only sound of balloons inflating
- Strobes are triggered as few short bursts of light
- The sound progresses and mechanical clicks of valves start
- Strobes are triggered to emphasize the sounds
- The bass sounds are added and climax occurs
- Performance concludes when balloons lift to 4m height
- Lights turn on and people leave the space