



SUISTAMON  
*SÄHKÖ*

# TECHNICAL RIDER

2024

## SUISTAMON SÄHKÖ INPUTS & OUTPUTS LIST

Channel	Instrument	Microphone	Notes
1	5-row Accordion	W/L 3 belt pack	
2	Notka Accordion right hand	W/L 2 belt pack	
3	<i>blank channel / TALKBACK</i>	Dynamic	
4	Notka Accordion left hand	W/L 1 belt pack	
5	VOC Eero (Electronics)	XLR	Long stand, no boom, pref. base plate model
6	VOC Reetta-Kaisa	W/L 4 handheld	Long stand, no boom, pref. base plate model
7	VOC Anne-Mari	XLR	Long stand, no boom, pref. base plate model
8	VOC Tuomas	XLR	Long stand, no boom, pref. base plate model
9	Audio interface 1	XLR	
10	Audio interface 2	XLR	
11	Audio interface 3	XLR	
12	Audio interface 4	XLR	
13	Audio interface 5	XLR	
14	Audio interface 6	XLR	
15	Audio interface 7	XLR	
16	Audio interface 8	XLR	
17	Audio interface 9	XLR	
18	Audio interface 10	XLR	
+	Talkback to channel 3	Dynamic	<i>talkback mic provided by presenter if possible</i>

## SUISTAMON SÄHKÖ OUTPUTS ASSIGN

Output#	Destination
1	In-Ear feed Left Anne-Mari
2	In-Ear feed Right Anne-Mari
3	In-Ear feed Left Reetta-Kaisa
4	In-Ear feed Right Reetta-Kaisa
5	In-Ear feed Left Tuomas
6	In-Ear feed Right Tuomas
7	Monitor feed Electronic musician

## **Suistamon sähkö travels with their own:**

- Sound Engineer
- Mixing console (Behringer X32 Rack)
- Microphones
- Shure wireless microphone system (Axient Digital), and
- Shure In-Ear monitoring system (PSM 1000)

## **Technical needs in the venue to be provided by the Concert Organizer / Presenter:**

### **1. Loudspeaker system / Public Address (PA)**

- A. Professional quality, full range stereo sound system with subwoofers (e.g. L'Acoustics, d&b audiotechnik, Nexo). The more sub woofers, the better. The PA system should be suited for the venue and all possible separate system speaker feeds (like front fills and delay lines) should be time-aligned and equalized by a professional audio system engineer before the load-in time. By the load-in time the PA system should be fully functional and ready to be used by Suistamon Sähkö.

### **2. Mixing console and Cables**

- B. Most of the time Suistamon Sähkö travels with their own compact mixing console Behringer X32. (Depending on the occasion the mixing console might also be a Soundcraft Ui24.) If there are any amendments to this, we'll be in contact in beforehand.
- C. For connections Suistamon Sähkö needs **a high quality STP Cat5e (or higher) graded cable with RJ45 connectors between FOH and the Stage**. Preferably no etherCON-connector in the FOH end of the cable. Under no circumstances may the cable overall length exceed 100 meters.
- D. It would be also good to have a spare set of basic microphones and microphone cables at the venue if any problems with our basic setup occurs.

### **3. FOH location**

- E. Mixing position in FOH (Front-of-House) must be located in the audience area and centered between the PA system left and right speaker centerlines. There must be a good view from the FOH position to the stage.

## 4. Wireless Microphones and In-Ear systems

F. Suistamon Sähkö travels with Shure Axient and PSM1000 wireless systems. We need one microphone stand for Shure PSM1000 antenna.

G. The wireless bands are as follows:

- Shure Axient AD4Q band G56 - 470-636MHz
- Shure PSM1000 band P10T G10E - 470-542MHz

## 5. Stage Riser and keyboard stand

H. Suistamon Sähkö needs a stage riser for Electronic musician. Riser minimum width 3m; minimum length 2m; riser height between 20-50cm.

I. Suistamon Sähkö needs one keyboard "X-stand" for the Electronic musician (e.g. K&M 18976 or equivalent).

## 6. Sound Pressure levels and decibels

J. Suistamon Sähkö live performance is equivalent to a rock concert. Therefore it is necessary to be able to play at the volume of 100dB (slow A-weighted, peaking at 105dB, measured at mixing console) in the provided venue with the provided system. This is mandatory point and will be agreed by the Presenter when signing the contract (if not otherwise appointed with Suistamon Sähkö).

## 7. Sound check

K. Suistamon Sähkö needs at least 20 minutes for load-in and 40 minutes for sound check.

## 8. Backstage dressing room and catering

L. Backstage Dressing room (for personal stuff and instrument cases) located in the immediate presence of the stage premises.

M. Catering: Bottled water, soft drinks, non-alcoholic beer, fresh fruits and food (**with vegetarian option!**). Also beer & preferably local hi-hopped ales, red & white wine (one bottle each).

N. Towels.

## 9. Stage plot

Stage Riser 3x2m

- Behringer X32 Rack console
- W/L microphone rack
- In-Ear rack
- +RJ45 cable preferred side

Audio interface  
ch# 9-18  
+230V

VOC  
ch# 5

Keyboard  
X-stand

VOC  
ch# 6

VOC  
ch# 7

VOC  
ch# 8

Accordions 5-  
row + Notka,  
ch# 1, 2, 4

AUDIENCE

## 10. Contacts

In technical issues please contact our Sound crew:

- Tuomas Haimakainen - [tuomas.haimakainen@gmail.com](mailto:tuomas.haimakainen@gmail.com) / +358 50 552 2870
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