



**SUISTAMON SÄHKÖ**

**TECHNICAL RIDER 2021**

## 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</i>		
4	Notka Accordion left hand	W/L 1 belt pack	
5	VOC Eero (Electronics)	XLR	With long stand, no boom
6	VOC Reetta-Kaisa	W/L 4 handheld	With long stand, no boom
7	VOC Anne-Mari	XLR	With long stand, no boom
8	Voc Tuomas	XLR	With long stand, no boom
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	Dynamic	<i>talkback mic provided by presenter if possible</i>

## SUISTAMON SÄHKÖ OUTPUTS ASSIGN

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

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

- Sound Engineer
- 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 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, Stageboxes and Cables**

- B. Suistamon Sähkö needs a **Behringer X32 -series (or compatible) mixing console** with the newest firmware version installed. Compatible mixing consoles include the Midas M32 - series mixers that are able to load X32 -series Show files. The suitable mixing consoles include:
- Behringer X32
  - Behringer X32 Compact
  - Midas M32 Live
  - Midas M32R
  - Midas M32R Live
- C. For stage inputs we need **18 channels of Behringer X32/Midas M32 compatible stageboxes**, (e.g. Behringer S32 or two pieces of S16 stageboxes).
- D. For connections Suistamon Sähkö needs **a high quality STP Cat5e (or higher) graded cable with etherCON RJ45 connectors between FOH and the Stage**. Under no circumstances may the cable overall length exceed 100 meters.
- E. In case that there is *absolutely no option* for the preferred mixing console mentioned above, please be in contact with Suistamon Sähkö Sound crew (see 9. Contacts).

### 3. FOH location

- F. 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. Stage Riser and keyboard stand

- G. Suistamon Sähkö needs a stage riser for Electronic musician. Riser minimum width 3m; minimum length 2m; riser height between 30-50cm.
- H. Suistamon Sähkö needs one keyboard "X-stand" for the Electronic musician (e.g. K&M 18976 or equivalent).

### 5. Sound Pressure levels and decibels

- I. 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).

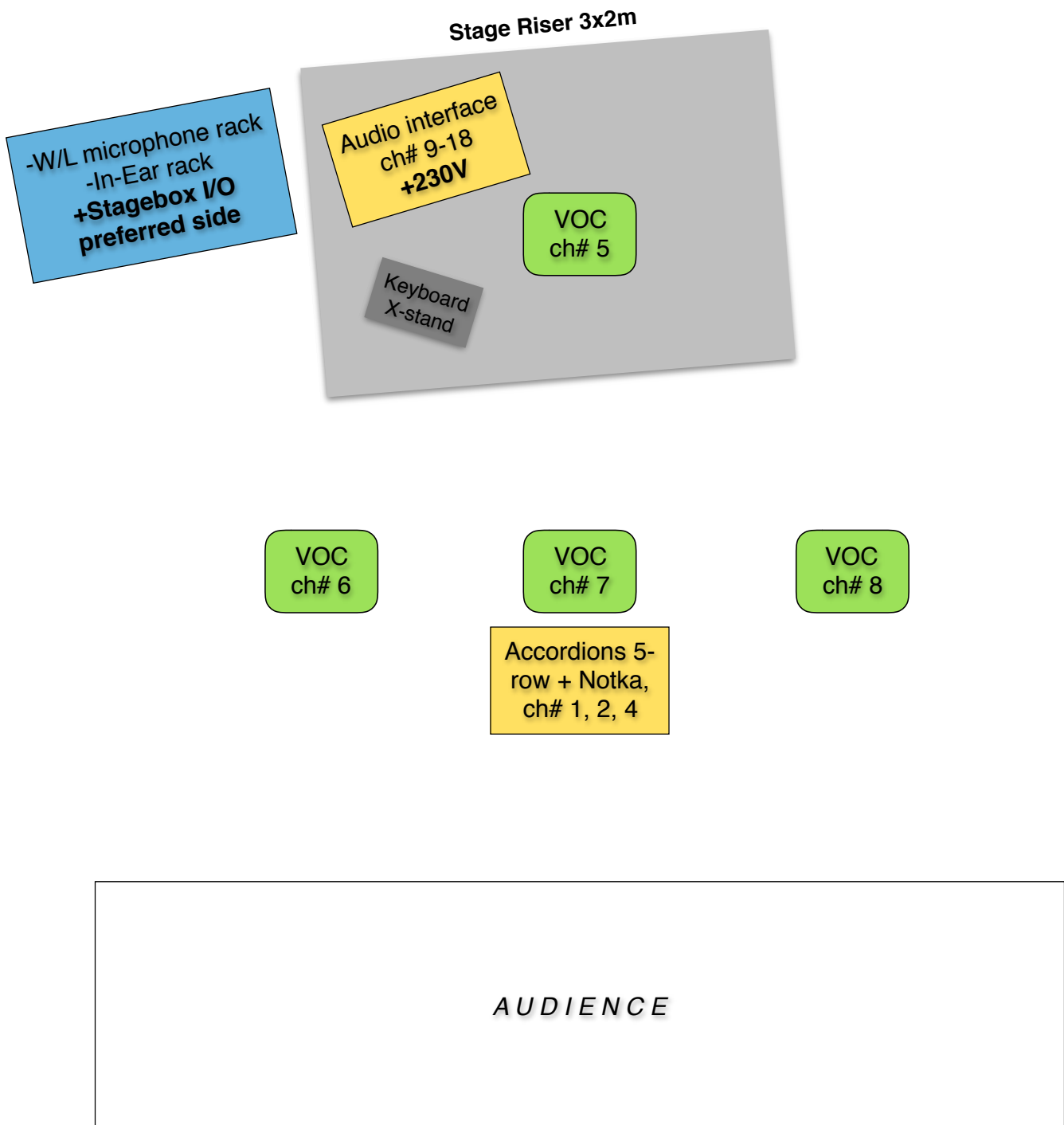
### 6. Sound check

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

### 7. Backstage dressing room and catering

- K. Backstage Dressing room (for personal stuff and instrument cases) located in the immediate presence of the stage premises.
- L. Catering: Bottled water, soft drinks, fresh fruits and food **(with vegetarian option!)**. Also beer & preferably local hi-hopped ales, red & white wine (one bottle each).
- M. Towels.

## 8. Stage plot



## 9. Contacts

In technical issues please contact our Sound crew:

- Taito Hoffren - [thoffren@ania.fi](mailto:thoffren@ania.fi) / +358 40 550 6441

- Paavo Malmberg - [paavo.malmberg@gmail.com](mailto:paavo.malmberg@gmail.com) / +358 44 089 0059

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