

**TECHNICAL RIDER 2017**

## INPUT LIST:

Channel#	INSTRUMENT	MICROPHONE	STAND	DYNAMICS	Routing
1	Bass Drum	Shure Beta 52A	low	gate, comp.	
2	Snare	SM57 or similar	low or clamp	comp.	
3	Rack Tom	SM57 or similar	low or clamp	gate	
4	Darbouka	SM57 or similar	low		
5	Floor Tom 1	SM57 or similar	low or clamp	gate	
6	(Floor Tom 2)	SM57 or similar	low or clamp	gate	
7	Overhead Left	AKG C 414	high w/boom	-	
8	Overhead Right	AKG C 414	high w/boom	-	
9	Tambourine	Shure SM94 or similar	low	-	
10	Cajon	Sennheiser MD421	low	comp.	
11	Double Bass Piezo	DI	-	-	Group 1
12	Double Bass Mic	(DPA*) / XLR	-	-	Group 1
13	Grand Piano, Treble	Neumann TLM 103	high	comp.	
14	Grand Piano, Bass	Neumann TLM 103	high	comp.	
15	Harmonium, Treble	Beta 57A or similar	low w/ boom	-	
16	Harmonium, Bass	Beta 57A or similar	low w/ boom	-	
17	Violin	(DPA*) / XLR	-	comp.	
18	Violin SPLIT (for parallel compression)	<i>SAME INPUT as in Violin CHANNEL (17)</i>	-	comp.	
19	Acoustic Guitar	DI	-	comp.	
20	Accordion, Treble	(AKG C516ML*) / XLR	-	comp.	
21	(Accordion, Bass)	(AKG C516ML*) / XLR	-	-	
22	Saxophone / Percussion	Sennheiser MD421 or Beyerdynamic M201	high	comp.	
23	Speak	Shure SM58	high	-	
24	Piano for monitors	Shure SM58	high w/boom	-	

GROUPS	Channels	Dynamics	Other
Group 1	Bass Piezo + Bass Mic	compressor	This group would be for overall Bass output to MASTER

\*) MICROPHONE PROVIDED BY THE ARTIST

**Contact in technical issues:**

FOH Audio Engineer Antti Puumalainen tel. +358 400 016 480, e-mail: [puumalainen.antti@gmail.com](mailto:puumalainen.antti@gmail.com)

## A. Front Of House (FOH) Sound System

### 1. Engineers

- FOH Audio Engineer by Tsuumi Sound System (Mr. Antti Puumalainen, tel.+358 400 016 480, puumalainen.antti@gmail.com)
- Monitor Engineer provided by the Presenter

### 2. Mixing console

- Professional quality and preferably digital mixing console (Preferred consoles: Soundcraft Vi series, Yamaha CL5/PM5D/M7CL, DiGiCo SD series, Avid Venue etc.) with four-band fully parametric EQ per channel

### 3. Signal Processing

- 8 channels of high quality compression, 4 channels with gate, if not included in the console (Drawmer DL241 etc.)
- Professional quality digital stereo delay, if not included in the console (TC D-TWO etc.)
- Professional quality digital stereo reverb, if not included in the console (TC M3000, Lexicon, Yamaha etc.)

### 4. Loudspeaker System / Public Address

- Professional quality, full range stereo sound system suiting the venue (L'Acoustics, D&B, Nexo etc.) with a stereo 31-band graphic equalizer for tuning

### 5. Sound Pressure Levels & Decibels

- Tsuumi Sound System live performance is equivalent to a rock or jazz concert. Therefore it is necessary to be able to play at the volume of 100dB (A-weighted, peaking at 107dB, 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 Tsuumi Sound System)

## B. Stage Monitoring Sound System

- Tsuumi Sound System travels with FOH Audio Engineer. We will need a local **english speaking Monitor Mixing Engineer** who has experience in acoustic music
- 7 Professional quality wedges (D&B M4 etc.) in 7 independent groups with graphic equalizers

## C. Backline

- Professional **Grand Piano** with a professional piano stool. Grand Piano must be tuned in **A1 = 442 Hz**
- Professional **Drum Kit** with: Bass Drum (preferably 20"), Bass Drum pedal (+preferably one spare pedal), 1 Rack tom (12"), 1 or 2 Floor Toms (14" and/or 16"), 4 cymbal stands (2 with boom), Snare stand (also adjustable for 10" drum), Hi-Hat stand (+preferably 2 top cymbal locking clutches), Drum Stool and Drum Carpet. The Artist will provide Snare, Darbouka, Cajon and Cymbals. In Force majeure basic drumset will go, otherwise follow this Rider
- **Bass amplifier**, Ampeg, EBS, Hartke, Mark Bass, Trace Elliot etc.
- **Drum Kit riser**: minimum width 2m, minimum length 2m, height 30-60cm
- **Guitar & Bass riser**: minimum width 3m, minimum length 2m, height 30-60cm

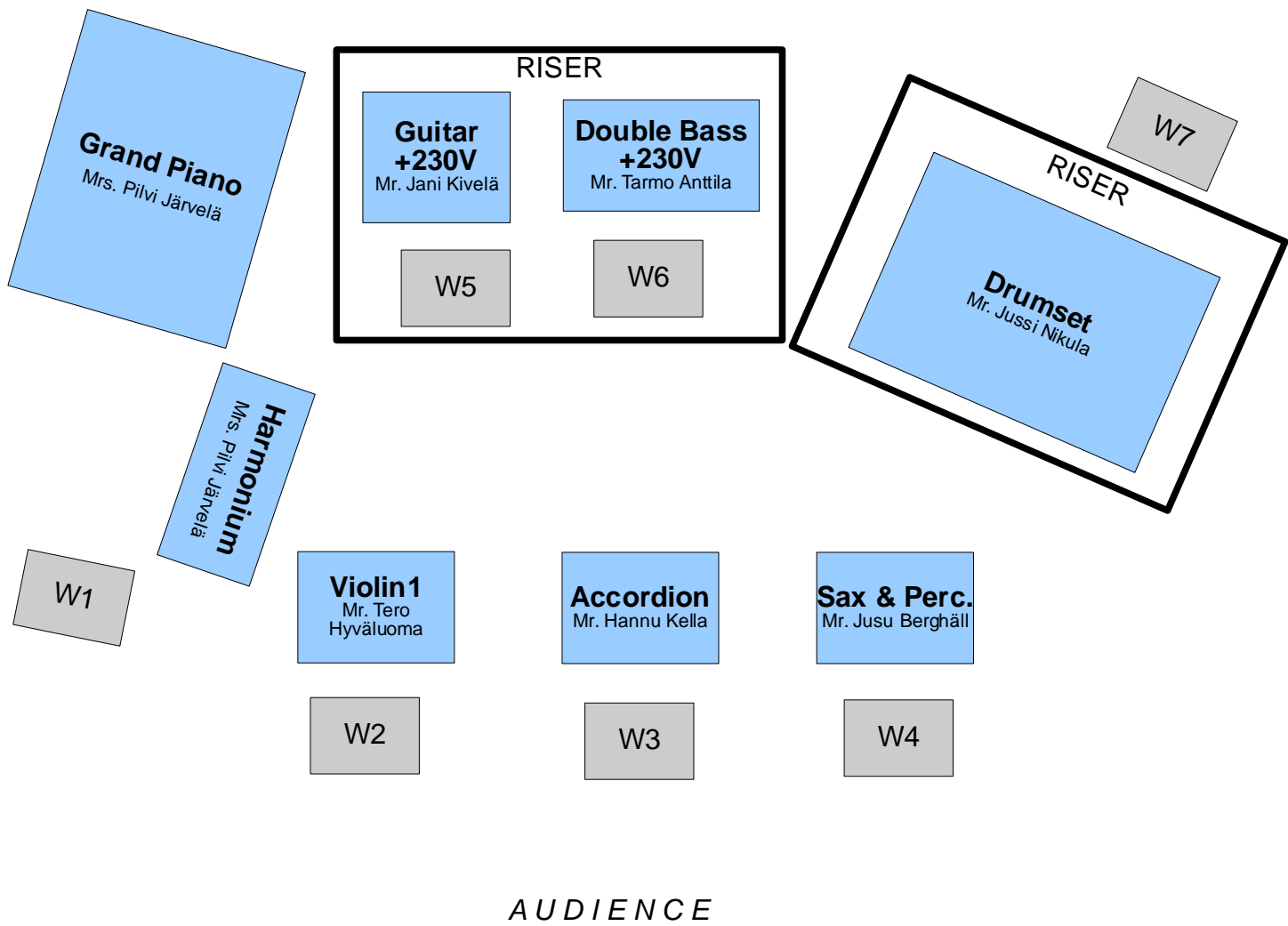
## D. Soundcheck


- Tsuumi Sound System needs at least 30 minutes for stage setup and 90 minutes for the sound check

## E. Dressing Room & Catering

- Dressing room for personal stuff and instrument cases
- Bottled water, soft drinks, fresh fruits, beer, food (also vegetarian option) and towels

## F. Stage plot and electricity



(  = wedge monitor / group number)

## G. Contacts:

Mailing address:

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