QUADROPHONIC SETUP

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							U	р	da	te:	16	M	ay	20)23

	Needs to be provided by presenter/venue/promoter.
	We provide and bring ouryself

REQUIRED EQUIPMENT

8 full-range loudspeaker systems with 8 (or minimum 2) subwoofers

placed in a square quad-position (see page 5 "AUDIO CONNECTIONS").

all 4 speakers same distance to centre performing position.

the speaker distance to the centre should be as far as possible to ensure, that the audience, which is in circles around centre performaing position, has still a good distance to the speakers to be able to perceive as much as possible quadrophonic sound projection.

16 short XLR-cables plus stagebox/multicore

connecting to the quad PA mixing console

---or---

16 long XLR-cables

connecting directly from audio-interfaces on stage to the quad PA mixing console

2 power socket with min. 3 plugs each

2 piano benches (with adjustable height)

1 small mixing desk

preferred: Mackie 802VLZ or Mackie 1202VLZ, http://tinyurl.com/htg2mun

Needs to be placed on stage next to performing position (see page 4 "STAGE POSITIONS")

Or other modell with minimum requirement: 1 stereo input with channel EQ (Hi/Low or Hi/Mid/Low)

tables/boxes/case for setting up the analogue synthesizer according to SETUP OPTION 1, 2 or 3 indicated on page 2 "SYNTH SETUP OPTIONS"

1 small table (or box, case, stool)

60-80 cm high, 30 cm long, 30 cm wide To place the small mixer/Mackie 802 on.

dimmed white light from ceiling (or stand/clip lamp or similar for synth) needs to point onto synth panel with creating shadows.

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Marcus Schmickler

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EQUIPMENT PROVIDED BY ARTISTS

2 laptop computers (MacBook Pro)

2 audio interfaces

RME Fireface 400, https://tinyurl.com/y7rejxss MOTU UltraLite-mk3 Hybrid, http://tinyurl.com/zj6bf6w

8 TRS - XLR male adaptor wires (15 cm)

connecting the MOTU audio interface to Quad PA mixer/multicore stage box

8 TRS - XLR male adaptor wires (ca. 60 cm)

connecting the RME audio interface to Quad PA mixer/multicore stage box

1 analogue synthesizer

modell: EMS Synthi AKS (inlcuding EMS KS touch-keyboard) https://tinyurl.com/y77cmmky with synth tripod stand

1 MIDI controller

modell: Faderfox LV3, https://tinyurl.com/ydgcwl6n

1 stereo volume pedal

modell: Boss FV-50L, https://tinyurl.com/y862os9e

4 TS wires (unbalanced quarter inch jack cables)

connecting: synth > volume pedal > mixer

2 TRS - TRS wires (balanced quarter inch jack cables)

connecting: mixer > audio interface

2 USB cables

connecting: computer > audio interface, and computer > MIDI controller

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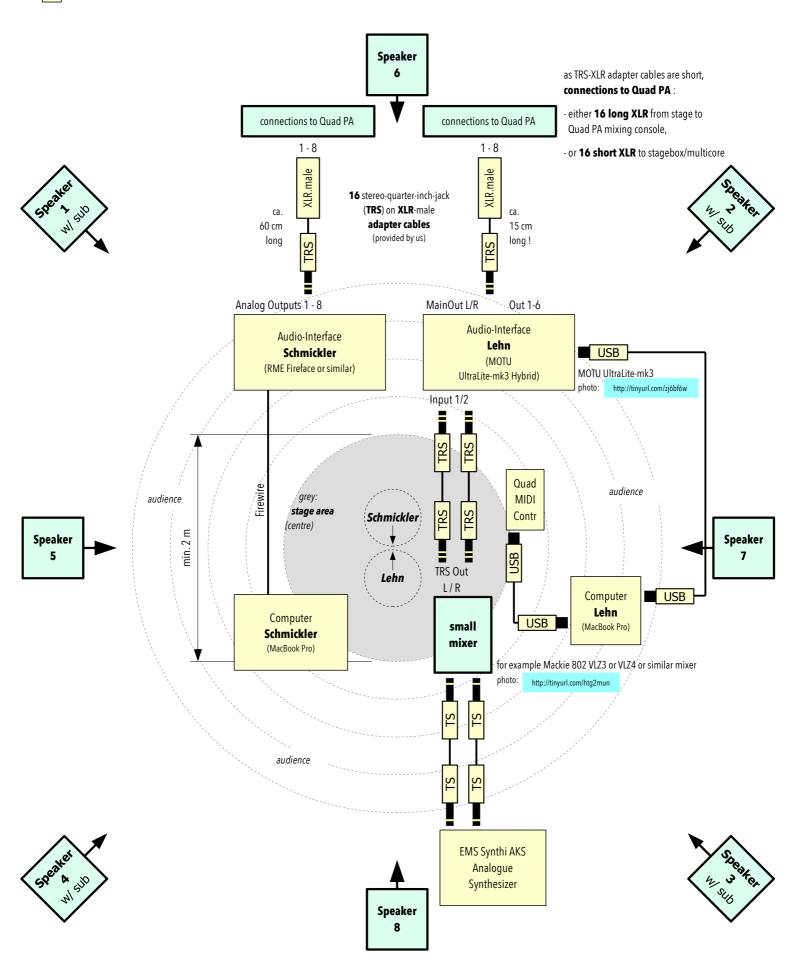
OCTOPHONIC SETUP

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SIGNAL ROUTING

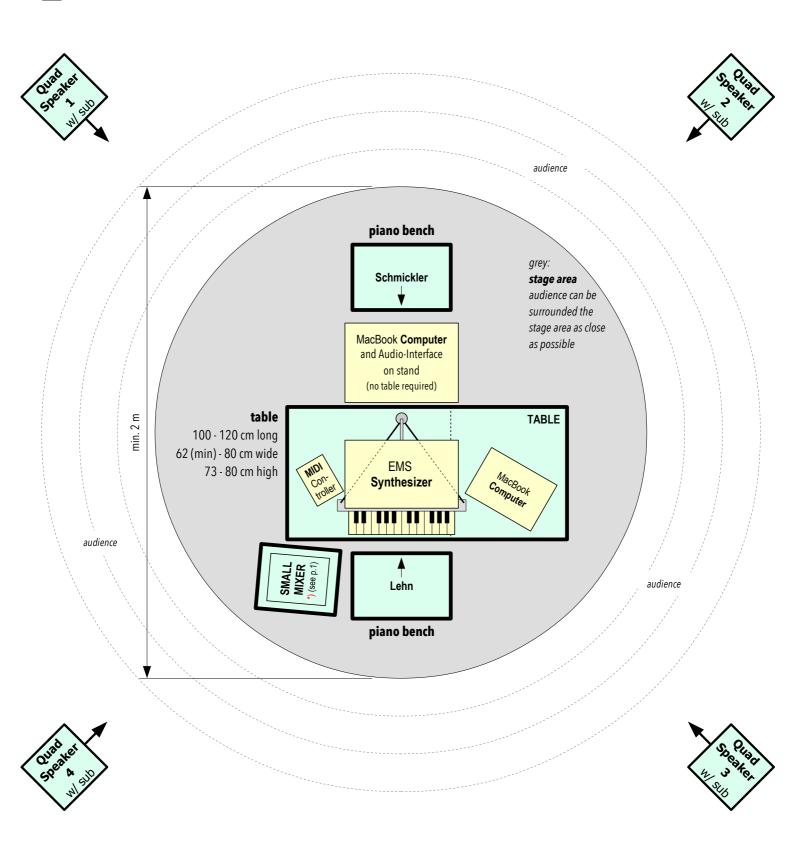


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STAGE POSITIONS



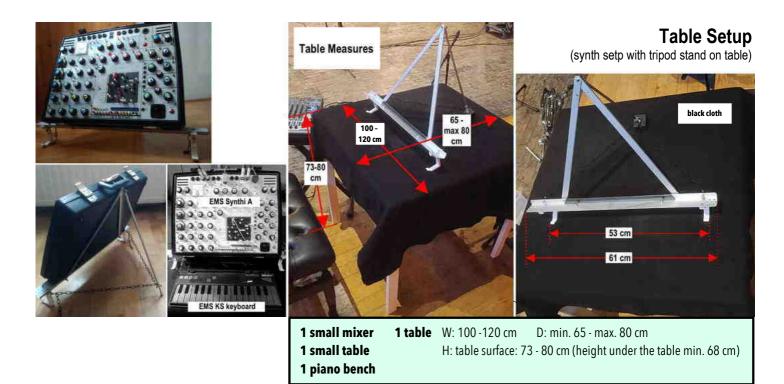
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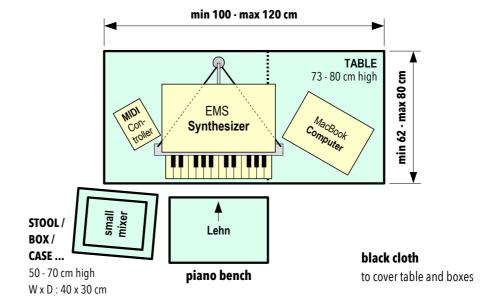
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SYNTH SETPUP (Lehn)





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