update: October 7th, 2018

# **REQUIRED EQUIPMENT**

(to be provided **by promoter**)

### 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").

### 4 full-range loudspeakers with 4 or 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.

#### wires/cables:

either **4 long XLR cables** from stage to Quad PA mixing console, or **4 short XLR cables** (min 100 cm / 40 in long) to stagebox/multicore **1 power socket** 

tables/boxes/case according to SETUP OPTION 1, 2 or 3 indicated on page 2 "SYNTH SETUP OPTIONS"

### **1 small table** (or box, case, stool)

50-60 cm high, 30 cm long, 30 cm wide (19-24 in high, 12 in long, 12 in wide) To place the small mixer/Mackie 802 on.

piano bench (with adjustable height)

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

#### contact

# **REQUIRED EQUIPMENT**

(provided by artists)

### synthesizer

modell: EMS Synthi AKS (inlcuding EMS KS touch-keyboard)

https://tinyurl.com/y77cmmky

# 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

#### 1 audio interface

modell: MOTU UltraLite-mk3 Hybrid, https://tinyurl.com/y9jkfmw6

### 4 TRS - XLR male adaptor wires (15 cm)

connecting: audio interface > PA mixer/multicore stage box

#### 1 MIDI controller

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

#### 1 laptop computer

modell: MacBook Pro 13"

#### 2 USB cables

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

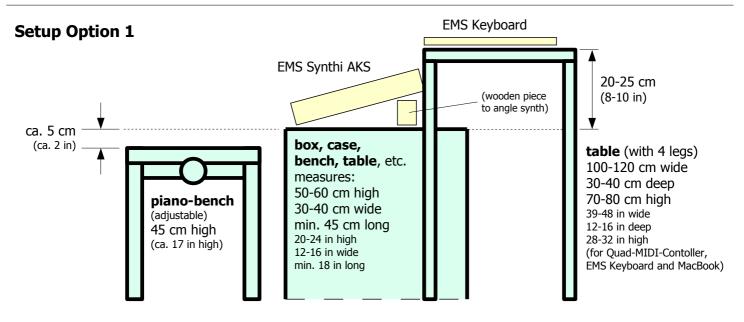
1 piece of wood to put synth in angled position

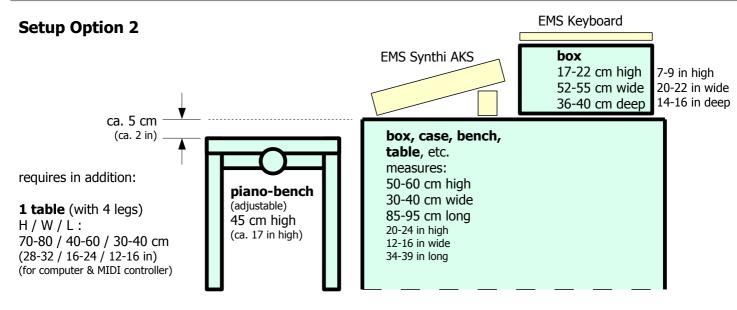
### **SYNTH SETUP OPTIONS**

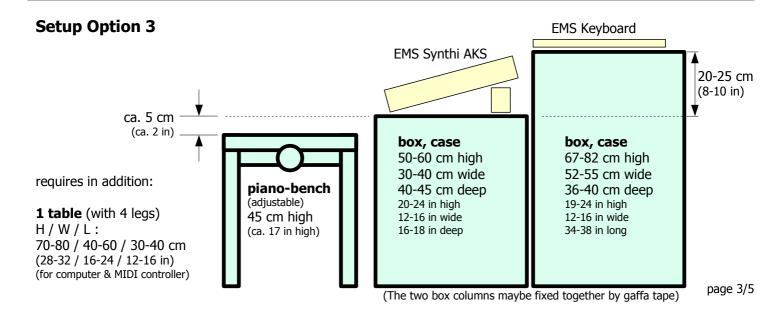
Needs to be **provided by promoter**/presenter/venue.

Will be brought and **provided by artist**.

**Black cloth** to cover boxes and tables. All 3 Setup Options require a small **box** (case, stool) H / W / L: 50-60 / 30 / 30 cm (19-24 / 12 / 12 in) (for mixer Mackie 802 VLZ3)







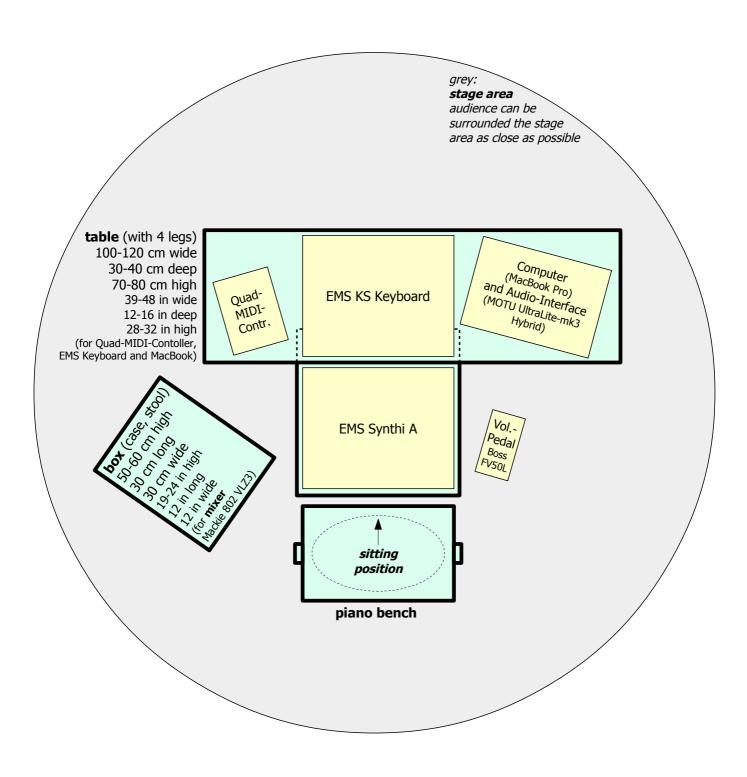
# **STAGE POSITIONS**

(synth/mixer/quad-controller/computer)

Needs to be **provided by promoter**/presenter/venue.

Will be brought and **provided by artist**.

[here with Setup Option 1 (see page 3)]



# **AUDIO CONNECTIONS**

(and stage positions)

Needs to be <b>provided by promoter</b> /presenter/venue.
Will be brought and <b>provided by artist</b> .

