

KOMFORTRAUSCHEN

B. TECHNICAL RIDER

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1. CONTACT INFO

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2. TECHNICAL CREW

Please provide at least:

- One **(1)** audio technician familiar with the house sound system and house power. Please get in touch with us beforehand.
- One **(1)** lighting operator familiar with the house lighting system
- One **(1)** sober (!) stagehand to help with load in, setup backline, setup microphones, patch / wire the stage, load out

Stagehand and tech staff can be the same person (i.e. audio technician can double as stage hand).

3. STAGE REQUIREMENTS

- Minimum stage size (width x depth): **8 x 4 m**
- One **(1)** *rolling* drum riser with a minimum size of 3 x 2 m and a **maximum height of 30 cm**
- If setup time is limited (<30 min.) please provide three **(3)** *rolling* risers, each with a minimum size of 2 x 2 m and a **maximum height of 30 cm**. Drum riser must be ~20 cm higher than the other two risers.

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- One **(1)** table on the right side next to the drum set, width at least 50 x 35 cm, height at least 50 cm
- At least three **(3)** Schuko plug sockets close to each guitarist and bassist, three **(3)** Schuko sockets and an additional three **(3)** Schuko or Europlug plug sockets close to drummer
- We will bring our own backdrop (4 m x 2,3 m, *B1 certificate*) and are happy if you assist us hanging it up on stage.

4. PA SYSTEM REQUIREMENTS

- High quality, powerful PA system (min. 2x18" subs + 2x15" tops) suitable for electronic music:
L'Acoustics, VUE, D&B Audio, or similar

5. FOH REQUIREMENTS

- One **(1)** digital mixing console with at least **10 inserts (10 XLR in, 10 XLR out)** for external fx processing:
MIDAS Pro series, Soundcraft Vi series, DiGiCo SD series, Avid, Allen & Heath dLive series
If you can't provide any of the above mixing consoles, please contact us in advance!
- The FOH position must be located facing the stage, ideally at the center of the venue. Proper protection, lighting and seating arrangements must be provided.

6. MONITORING REQUIREMENTS

- We use in-ear-monitoring (IEM) and will bring our own IEM with splitters and our own ear buds.
- If you have three **(3)** wireless systems (preferred brands: *Shure* or *Sennheiser*) we're happy to use them. Otherwise we will use our own wired system. We don't need any wedges on stage.

7. ADDITIONAL MONITORING REQUIREMENTS (**FLIGHT SHOWS ONLY**)

- If there is no separate mixing desk for monitoring the FOH mixing desk must have at least six **(6)** free aux sends for stereo in-ear-monitoring
- If there is a separate mixing desk for monitoring please provide one **(1)** audio technician for the monitor mix

8. BACKLINE REQUIREMENTS

We usually bring our own backline. Please contact us in advance!

- One **(1)** table on the right side next to the drum set, width at least 50 x 35 cm, height at least 50 cm

9. ADDITIONAL BACKLINE REQUIREMENTS (**FLIGHT SHOWS ONLY**)

We often bring our instruments and gear on the plane as well, so please feel free to get in touch before!

- One **(1)** drum set: *Pearl, Yamaha, Gretsch, Sonor, Tama* or *Ludwig* - including:
 - One **(1)** 22" or 20" bass drum (NO 18"!)
 - One **(1)** 14" snare drum + stand
 - One **(1)** hi-hat stand, three **(3)** cymbal stands
 - One **(1)** bass drum pedal
 - All other necessary hardware
 - One **(1)** drum throne
 - One **(1)** drum carpet
- One **(1)** black passive (!) 4-string bass guitar + strap: *Fender Precision Bass, Yamaha BB 414* or similar
- Eight **(8)** instrument jack cables with a minimum length of 5 meters
- **All** DI boxes from the channel list

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10. CABLE & MIC STAND REQUIREMENTS

- All XLR cables according to the channel list plus an additional six (6) for the monitoring returns
- Stage box(es) with the sufficient amount of channels
- Six (6) small boom mic stands

11. INPUT & CHANNEL LIST

We bring our own mics, DI boxes, splitter and IEM rack!

We only need DI boxes for flight shows.

CHANNEL	SOURCE	MIC / DI / TYPE ¹⁾	ROUTING ²⁾	MIC STAND
1	BD Synth	passive DI box	Splitter → FOH	---
2	SD 1 top	dynamic mic: Shure SM57 <i>or similar</i>	Splitter → FOH	---
3	SD 1 bottom	dynamic mic: Shure SM57 <i>or similar</i>	FOH	---
4	SD 2	dynamic mic: Shure SM57 <i>or similar</i>	Splitter → FOH	---
5	HH 1	condenser mic: Neumann KM184 <i>or similar</i>	Splitter → FOH	Small boom
6	HH 2	dynamic mic: Shure SM57 <i>or similar</i>	Splitter → FOH	Small boom
7	Clap stack	dynamic mic: Shure SM57 <i>or similar</i>	Splitter → FOH	Small boom
8	Crash cymbal	condenser mic: Neumann KM184/185, Røde NT-5, Sennheiser e614 <i>or similar</i>	FOH	Small boom
9	Drum Synth 1 L	passive DI box	Splitter → FOH	---
10	Drum Synth 1 R	passive DI box	Splitter → FOH	---
11	Drum Synth 2 L	passive DI box	Splitter → FOH	---
12	Drum Synth 2 R	passive DI box	Splitter → FOH	---
13	Bass DI L	passive DI box	Splitter → FOH	---
14	Bass DI R	passive DI box	Splitter → FOH	---
15	Guitar 1 DI L	passive DI box	Splitter → FOH	---
16	Guitar 2 DI R	passive DI box	Splitter → FOH	---
17	Guitar 2 DI L	passive DI box	Splitter → FOH	---
18	Guitar 2 DI R	passive DI box	Splitter → FOH	---
19	Guitar 3 DI L	passive DI box	Splitter → FOH	---
20	Guitar 3 DI R	passive DI box	Splitter → FOH	---
21	Sub Bass DI	passive DI box	Splitter → FOH	---
22	Announcements	dynamic mic: Shure SM58 <i>or similar</i>	FOH	none
23	FX Return L	Own FX	FOH	---
24	FX Return R	Own FX	FOH	---
---	Ambient L	IEM only, no channel required	IEM only	Small boom
---	Ambient R	IEM only, no channel required	IEM only	Small boom
(25)	(Click track)	(Active DI box. Only for flight shows)	(IEM only)	---

1) We bring our own mics and DI boxes except for flight shows. Please contact us in advance!

2) Does not apply for flight shows.

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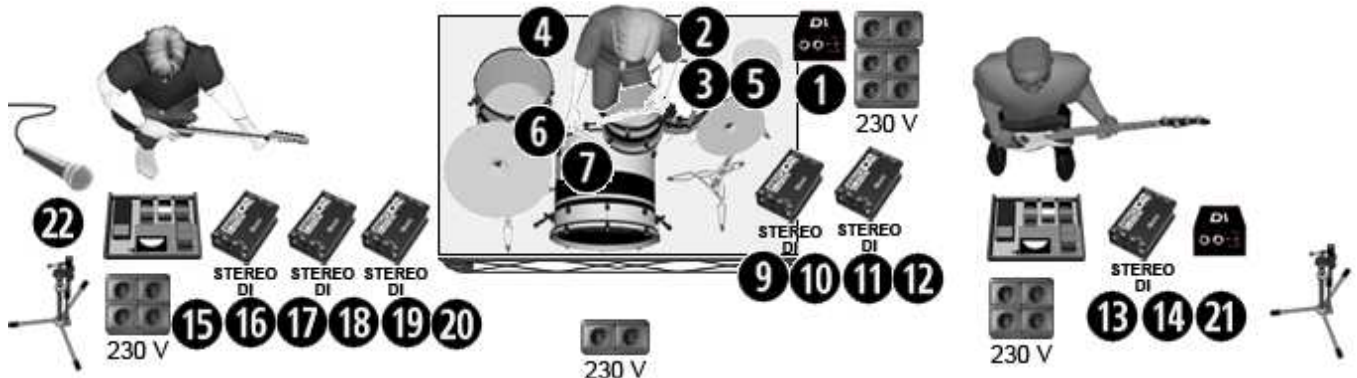
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12. STAGE PLOT

- The band must be set up **in one line as close as possible to the stage edge.**
- **The drum set has to be in the centre.**



13. LIGHTING REQUIREMENTS

Front Truss:

- 4x spotlight
- 4x washlight
- 4x 4light blinder strip
- 4x Atomic3000 stroboscope

Mid Truss:

- 4x spotlight
- 4x washlight
- 4x 4light blinder strip
- 4x Atomic3000 stroboscope

Back Truss:

- 4x spotlight
- 4x washlight
- 4x 4light blinder strip
- 4x Atomic3000 stroboscope

Floor - 4x Truss Stamp (2,5m) with each:

- 1x spotlight
- 1x 4light blinder strip
- 1x Atomic3000 stroboscope

Other:

- We bring a big "K" letter fitted with lights (RGBW) and need 1x free DMX channel for it
- 2x fog
- 1x Grand MA 2 (incl. available light specs)
- 1x Intercom
- 1x lighting operator familiar with the house lighting system and patching