

# HAU DEN LUKAS

## Technical Rider 2024

This Technical Rider is an essential component of the General Rider, which was agreed upon with the Main Contract. This Technical Rider contains six (6) Pages plus Lightingplot and holds the essential requirements for a HAU DEN LUKAS Performance!

Any variances, complains, or associated Costs, must be called to our attention and be addressed, in written form and in a timely manner, otherwise we will assume that all Terms as stated in the present form are agreed upon and will be fulfilled as requested in this Technical Rider.

## PA / FRONT OF HOUSE

### PA SYSTEM

FOH speaker system will be a minimum 3 or 4 Way, active system, with adequate processing and amplification to produce at least 110 dbSPL of clean, undistorted audio at the FOH position, with a Bandwidth of 20 Hz – 20 kHz. System should be free of pops, hums, buzzes etc.

Nexo Alpha, Martin XTA, L Acoustics Arcs, D&B, EV, Apogee, Turbosound, preferred.

**Suggested** minimum power; 2 x 8 kW for venue capacities up to 800 People, 2 x 12 kW for 800 to 1200 People, etc.

### FOH MIXING CONSOLE

FOH Console will be a minimum of 48 Working channels and at least 4 prefader auxiliary sends and two post fader auxiliary sends. Each channel must have a 4-band fully parametric eq. with insert ability, polarity reverse and direct outputs.

**ONE OF THE FOLLOWING ONLY: D-Show Profile/Venue, Yamaha M7CL-48, Digidesign SC48**

**If NO DIGITAL is AVAILABLE: then acceptable consoles include but not limited to: Midas Heritage 3000, Soundcraft MH2/MH4 etc...**

The console should be placed in the middle of the hall approx 2/3 of the way back from stage on a 20 cm high riser & not under a balcony. Clear sight lines to the stage are required from the console.

**The console is to be enclosed with barriers.**

### FOH FX

1 x Stereo 31-band EQ, KT DN360, or similar.

FOH Processing rack will include ample channels of gating.

Please refer to input list for the number of channels needed. Acceptable units include, but not limited to, Aphex, Drawmer or Klark Teknik gates

FOH Processing rack will include ample channels of compression.

Please refer to input list for the number of channels needed. Acceptable units include, but not limited to, DBX, Drawmer or Klark Teknik compressors

FOH Processing Rack will include two stereo reverbs, one multi effect unit and one digital delay unit.

Acceptable units include, but are not limited to Lexicon PCM 70 or better, Yamaha Rev 500, SPX900 or better, TC D2, TC 2290 or similar, with Tap, and capable of a 1 sec delay time

1 x CD Player

1 x iPod Connection (Stereo mini jack)

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### MONITORS

#### MIXES

We use 4 stereo mixes for In-ears (3 of them wireless) plus 3 mono mixes for 2 pairs of wedges and the drumfill. The drum In-ear stereo mix is sent to a submixer (via cables) which is located on the drumriser. If there are sidefills we will use them!

#### MONITOR MIXING CONSOLE

1x 48 Input digital console with total recall, ONE OF THE FOLLOWING ONLY:  
Digidesign VENUE series, Digidesign SC48, Yamaha M7CL-48 or PM5D  
(with latest software version installed, must be able to read Studio Manager 2 files!)  
The monitor console should be positioned Stage Right where possible

#### EQ

Graphic EQs inserted on the 3 stage monitor aux sends (Klark, XTA or similar), no EQs for IE sends

#### SPEAKERS

4x Bi amped Wedges 15" LF and 2" HF 2-way for stage (D&B, L Acoustics or EAW)  
2x 3 way active side fill (L Acoustics, D&B, Meyers or Nexo)  
1x 2 way Drum Fill (L Acoustics, D&B or Meyers)  
1x Drum Sub (DV DOS, D&B or Nexo)  
1x Listen Wedge, to be the same as the on stage wedges

#### IN EAR SYSTEMS

We will require the following to be supplied:  
4 x In Ear monitoring transmitter & receiver sets  
(Shure PSM 600's, Shure PSM 700's or Sennheiser EW 300 G2, Sennheiser EW 500 G2)  
4 x receiver (beltpack) each per transmitter

#### MONITOR DESK INPUT SIGNALS

All channels on the Input List have to be available at the Monitordesk!  
Please note the three (3) extra channels that will be only used for monitoring:  
27. Drum click, 28. Key click, 29. FoH send (Intro Track)

#### MISC.

2 x English speaking audio Crew familiar with the System to be present from load in to end of show, 1 FOH, 1 MON!  
Microphones, D.I.'s, Microphone Stands and Cables has to be provided! Please refer to our input list for details.  
Also all additional cables, multicores etc. must be provided by the venue!!!

#### PLEASE NOTE

HAU DEN LUKAS has very complex and specific monitor requirements. It is absolutely crucial that there is a mixing desk present capable of reading our show files- see above. It is NOT possible for us to use a venue-specific standard preset or start from a "clean" desk!!!

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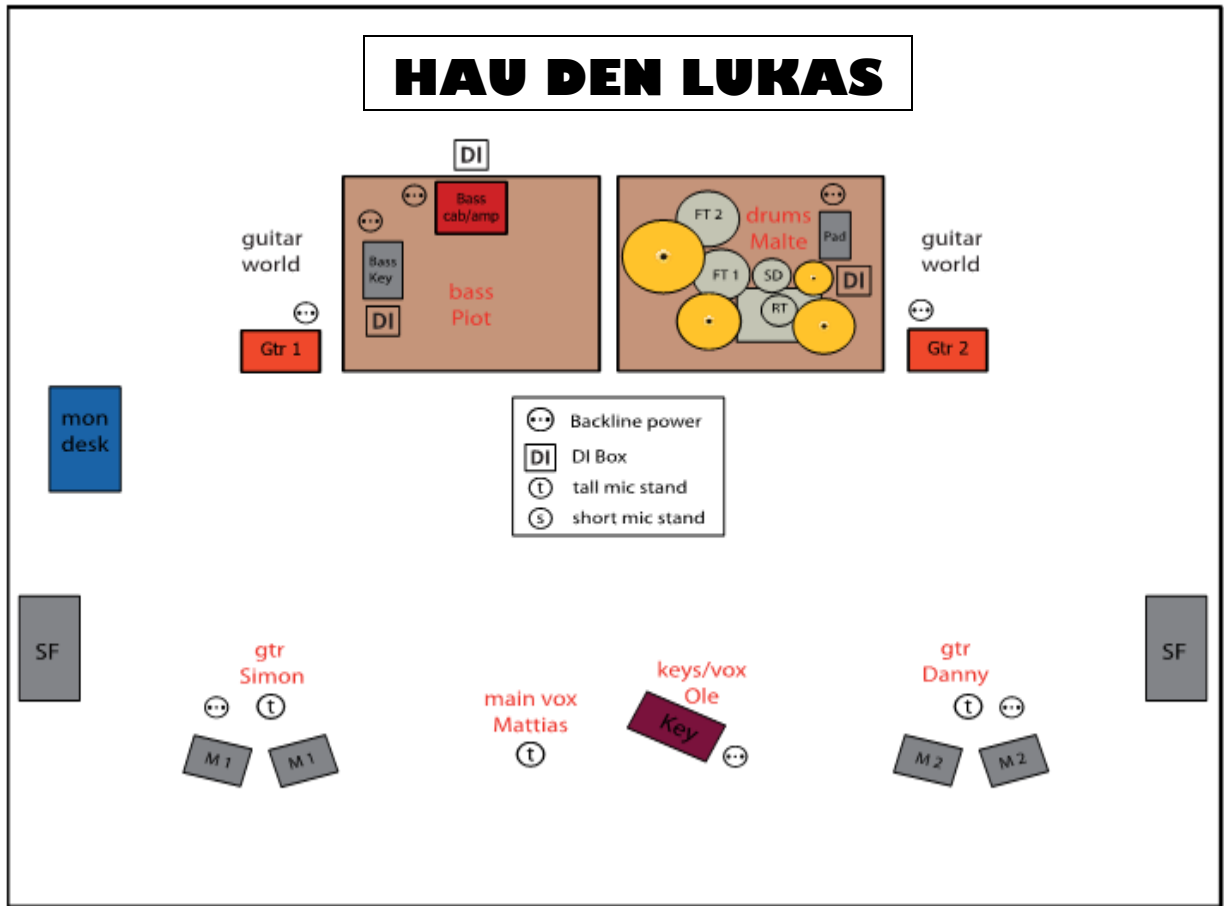
### INPUT LIST

Channel	Instrument	Mic Type	Inserts	Stand
01	Kick 1a	E901		
02	Kick 1b	E602 II	Gate 1	Short Boom
03	Snare Top	E604		
04	Snare Bottom	E905		Short Boom
05	Hi Hat 1	E614		LP Claw
06	Rack Tom	E604	Gate 2	
07	Floor Tom 1	E604	Gate 3	
08	Floor Tom 2	E604	Gate 4	
09	Overhead SL	E614		LP Claw
10	Overhead SR	E614		LP Claw
11	Drum Pad	Active DI		
12	Bass DI	Active DI	Comp 1	
13	Bass Mic	E602 II	Comp 2	Z-Bar
14	Guitar SR	E906		Z-Bar
15	Guitar SR	E902		Z-Bar
16	Guitar SL	E906		Z-Bar
17	Guitar SL	E902		Z-Bar
18	Bass Key	Active DI		
19	Key 1 L	Active DI		
20	Key 1 R	Active DI		
21	Key 2 L	Active DI		
22	Key 2 R	Active DI		
23	SR Vox	Audix OM7	Tall Boom	
24	Center Vox	Shure Radio	Straight Stand	
25	SL Center Vox	Audix OM7		
26	Spare Center	Audix OM7		
27	Drum Click	Own DI		
28	Key Click	Own DI		
29	FoH	send		

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## STAGE PLOT



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### LIGHTS

#### RIGGING:

1 x Frontruss ( Lights ) 12m  
1 x Backtruss ( Lights ) 12m  
4 x Windup Stative or Truss tower with base plates

#### MOVING LIGHTS:

14 x Mac 700 Washlites Basic Mode  
8 x Mac 700 Spotlights Basic Mode  
10 x GLP Impression Compress Mode

#### EFX:

4 x Martin Atomic Strob 3000W 4Chan Mode  
8 x 4-Light DWE Blinder

#### FOLLOW SPOT:

1 x Robert Juliat Aramis 2.5 KW (local Spotoperator is required!!!)

#### INTERCOM:

1 x Intercomstation - with 4 Sets placed 1 x Lightdesk F.O.H 1 x Dimmercivity 1 x Followspot 1 x Monitordesk

#### FOG:

2 Fanfogger with Ventilator / DMX controlled!!!

#### DESK:

1 x GrandMA 1 Full Size  
2 x 17" TFT-Displays

#### DECORATION:

1 x Backdrop Molton Black as up-stage finish

The HAU DEN LUKAS Production must have full control over the houselights.  
Local Promoter has to provide a good and up to date lighting system which is adequate to this lighting requirements.  
An english speaking lighting Crew familiar with the System to be present from load in to end of show and also may operating the Lights at the HAU DEN LUKAS Show has to be provided and paid by the Local Promoter.

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### RISERS

Local Promoter provides the following Stageriser to the sole use of HAU DEN LUKAS:

- one (1) Drumriser (2m x 2m x 0,4m) with Skirting

- one (1) Bassriser (2m x 2m x 0,4m) with Skirting

**On Festivals all Risers must be rolling Risers!!**

### TECHNICIAN CONTACTS

Productionmanager:	Mark	E-Mail: <a href="mailto:mark@haudenlukas.de">mark@haudenlukas.de</a>	Cell: +49 – 177 – XXX XX XX
FoH – Sound:	Andrew	E-Mail: <a href="mailto:andrew@haudenlukas.de">andrew@haudenlukas.de</a>	Cell: +49 – 177 – XXX XX XX
Monitor:	Gordon	E-Mail: <a href="mailto:gordon@haudenlukas.de">gordon@haudenlukas.de</a>	Cell: +49 – 177 – XXX XX XX
Backline:	Jacob	E-Mail: <a href="mailto:jacob@haudenlukas.de">jacob@haudenlukas.de</a>	Cell: +49 – 177 – XXX XX XX
Backline:	David	E-Mail: <a href="mailto:david@haudenlukas.de">david@haudenlukas.de</a>	Cell: +49 – 177 – XXX XX XX
Lights:	Billy	E-Mail: <a href="mailto:billy@haudenlukas.de">billy@haudenlukas.de</a>	Cell: +49 – 177 – XXX XX XX

**If you have any problem in fulfilling the above mentioned technical requirements, get back to us immediately with suggestions for substitutes. These suggested substitutes have to be checked and permitted by HAU DEN LUKAS production manager!**

**Feel free to get in touch with our technicians if you have any questions!**

**We're looking forward working with you and to a great show!!**

**Thank you for your efforts!!!**