



TECHNICAL RIDER

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CHANNEL / MICRO / INSERT

MIXER – Channels, Micros, Inserts are examples:

Chan.	Instrument	Micros	Insert
01	Kickdrum 1	Beta52, e602	Gate+Compr.
02	Kickdrum	", ", D112	Gate+Compr.
03	Snare Top	SM57,MD421	Compressor
04	Snare Bottom	Clip	
05	Hihats	Condenser	
06	Tom 1	Clip,SM57	Gate
07	Tom 2	Clip,SM57	Gate
08	Tom 3	Clip,SM57	Gate
09	Tom 4	Clip,SM57	Gate
10	Tom 5	Clip,SM57	Gate
11	Roto-Toms	Clip,SM57	Gate
12	Overhead 1	Condenser	
13	Overhead 2	Condenser	
14	Bass	DI-Out Amp	Compressor
15	Guitar(left)	SM57,e609	
16	Guitar(right)	SM57,e609	
17	Voc1 lead-m	KMS104(Cond.)	
18	Voc2 Bass-l	SM58	
19	Voc3 Git-r	SM58	
20	Voc4 Drums	SM58/Headset	
21	Eff.Ret.Delay	For all vocals	
22	Eff.Ret.Hall	VocSnareTom	
23	CDPlayer - l		
24	CDPlayer - r		
Subgruppe 1 (Vox)			Compressor
Subgruppe 2 (Vox)			Compressor

Blue resp. grey=Equipment by organizer

Black=Our Equipment

Equipment in small italics 2,4,10,11,20=mostly not needed

MONITORING

M-Way	FOR INSTR.	SOUNDMIX OF...	SPEAKER
Aux1	Voc+l.Git	lots voc1 > voc2 > little kick	2Speaker
Aux2	Bass	voc1 + 2 > b > l. + r.g > kick	1Speaker
Aux3	r.Git	vocs > l.g > kick > r.g > b	1Speaker
Aux4	Drums	l.g > vocs > kick > r.g > b	1Speaker

Order of soundmix according to volume priority!

2-way monitoring with 4 Speakers (if 4-ways with 5 Speakers not possible): Aux1 for voc,b,g / Aux2 for drums

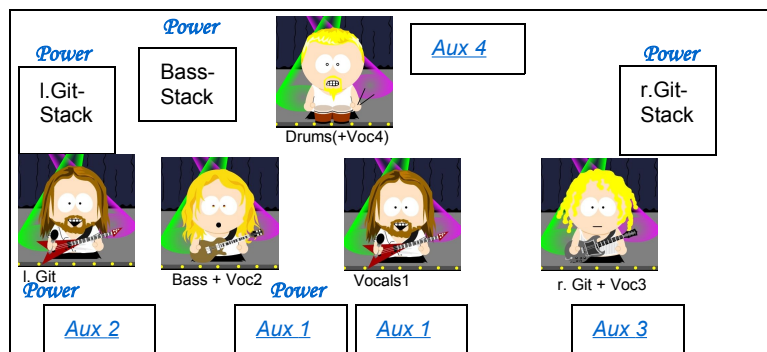
Abbreviations: **vocals**, **bass**, **left + right guitar**, **drums**, **kick**=bassdrum

EFFECT - Ways

EFFECT	Equipment-Details	Instruments
5 (o.3)	little Delay	All vocals
6 (o.4)	little Reverb	Voc,snare,toms

We are available for questions and arrangements!

BÜHNE



SOUND FRONT - P.A.

- › Clear vocals (Volume priority: **Voc1** > 2 > 3,4)
- › Guitars equal in a little left-right-pan
- › Bassruns hearable (strong mid-EQ beneath vocals, ca. 800Hz)
- › Drums with punch, Snare+Toms with little reverb

IVORY NIGHT - BACKLINE

- › **Guitar left:**
Engl Preamp + Engl Tube Poweramp, Mono to 4x12"Marshall-Speaker
- › **Guitar right:**
Wireless+Preamp/Effect Digitech2112+Tube-Poweramp M.Boogie 90/90 with 90 Watt-Mono to 4x12"Marshall-Speaker (Mono 4Ω)
- › **Bass:**
Wireless+Hartke Amp + 4x10" Speakers
- › **Drums** (min. 2.5x2.5 m space):
1 Bass-Drum, Set see left, seat

We bring the backline especially regarding drums & speakers only according to agreement before gig day!

Use of backling (resp. parts of it) by other bands also only according to agreement before gig day!

ORGANIZER PROVIDES:

- › P.A. (incl. poweramp, monitors, frontspeakers etc.) must provide a constant sound to the audience with 110 db (average) without distortion and enough bass punch according to room dimension. Indications: >200 people 2kW, >500 people 4kW, >1000 people 8kW
- › 4 resp. 6x31EQ (per monitor way & front)
- › Multieffect, Tap Delay, 8xGate, 6xCompressor (see left!)
- › Add. Equipment (Micros, cables + stands per micro, speaker-cable, multicores, min 2.5x2.5m-carpet for Drumset etc.)
- › Lighting system big enough
- › enough secure power points (230V/16A, according to newest DIN/VDE-regulations)
- › separable smoke-free backstage area
- › min. 2 parking spaces + sufficient food&drinks for band&crew (max. 10 persons)