

Gruppa Karl-Marx-Stadt

Technical Rider 2017

Dear colleagues,

this technical rider tells you about minimal sound engineering requirements for a Gruppa Karl-Marx-Stadt show. To ensure an unobstructed event for everyone it is necessary to comply the requirements stated in this rider. If it is not possible to realize all requirements in detail or if there are any questions in context of sound please feel free to contact me as soon as possible. Furthermore I would appreciate it to receive a list of the local equipment.

Best regards

Stephan Panzer FoH

mail: kuloi86@googlemail.com

PA:

The PA should be appropriate to the venue and amply dimensioned. That means 105 dbA distortion free at FoH. It should show a uniform acoustic irradiation with a frequency and phase response characteristic as linear as possible within the whole audience area. Please provide an adequate number with appropriate power of (sub-)bass speakers (2x18“) for bassy music. Infills and outfills should also be provided, if necessary.

Systems of Martin Audio, L'Acoustics, Meyer und D&B are preferred. No mini-line-arrays, full range systems or plastic enclosure.

Every kind of sound pressure level restrictions or limitations have to be communicated before the beginning of the setup. In this case a well readable and exact checking device has to be provided.

The PA system has to be wired, leveled/calibrated and ready for action when Gruppa KMS starts to setup.

FoH:

The FoH area should be centered in the middle and on same level with the audience. Areas near rear wall, side wall or under a balcony should be avoided.

We need a professional mixer – minimal 32 input channels, 8 Aux, 8 groups, 8 VCA and fully parametric 4-band EQ – with long enough 24/8 multicore cable.

A digital mixer would be nice, for example Digico SD, Midas Pro, Yamaha CL or Soundcraft VI Series. NO Avid! NO Gainsharing! NO X-Air or similar I-Pad Mixer!!!

In case of an analogue mixer we do need additional outboard equipment including the needed wires as follows:

4x Gate (dbx/BSS/Klark)

10x Compressor (dbx/BSS)

3x MultiFX (Eventide/Lexicon/Yamaha)

1x Tap Delay (Roland/Lexicon/Yamaha)

2x 31 Band GQ (Klark/XTA/BSS)

1x Persian carpet + aesthetically framed portrait of Les Claypool (also in case of a digital mixer)

Monitoring:

We need 4 professional, identically constructed monitor speakers as foldback (Martin Audio XE300, LE1200, Meyer MJF-212A, D&B MAX), 1 drum sub (1x18“ with crossover) and 1 XLR wires to the drum set on 6 separate channels with 31 band EQ for each.

If possible there could be a kind and competent monitor technician with a separate monitor mixer from the beginning of the setup. If the stage is wider than 10 m we additionally need 2 sidefills (2x18“ / 15“ or the like) on stage (separate channels).

The monitoring system has to be wired, calibrated and ready for action when Gruppa KMS starts to setup.

Mikrophone:

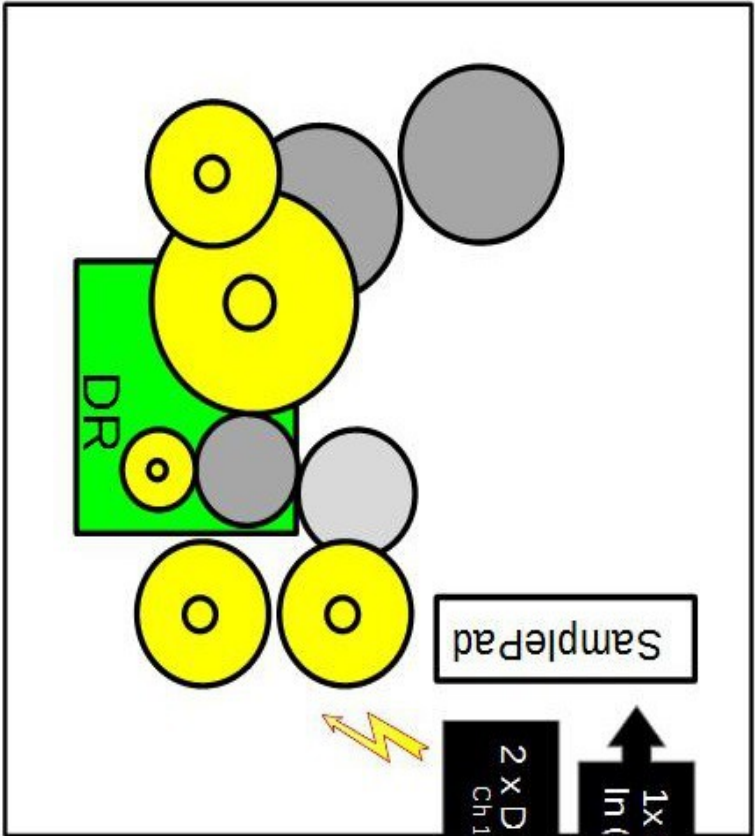
We need all in chapter „Inputs“ listed microphones, DI units, stands and wires.

Backline:

We bring the complete backline (drumset, guitar amp and bass amp)

Inputs Gruppa KMS

Ch	Name	Patch / Comment	Mic	Insert
1	Kick Drum		Beta 52	Gate 1
2	Snare Top		Beta 57	Comp 1
3	Snare Bottom		Beta 57	Comp 2
4	Hi Hat		Condenser	
5	Tom 1		e 604	Gate 2
6	Floortom 1		e 604	Gate 3
7	Floortom 2		SM 57 / e 604	Gate 4
8	Ride / Cowbell		Condenser	
9	OH L		Condenser	
10	OH R		Condenser	
11	Sampler Sub		DI	
12	Sampler FX		DI	
13	Bongo		SM 57	
14	Percussion OH		Condenser	
15	Bass		XLR Out	Comp 3
16	Tuba Dry	Own DI +48V	DI	
17	Tuba Sub	Own DI +48V	DI	
18	Git		SM57	
19	Trumpet	Own Mic +48V	ADX 20 i-p	
20	Baritone Sax	Own Mic +48V	ADX 20 i-p	
21	Trombone	Own Mic +48V	d:vote 4099	
22	Main Vocal		AE 5400 / Beta 58	Comp 5
23	Backing Vocal		Beta 58	Comp 6
24	Talkback		0815 mit Schalter	
GRP 1	Drums (Ch 1 - 14)			Comp 9
GRP 2	Drums (Ch 1 - 14)			Comp 10
GRP 3	Brass (Ch 19 - 21)			Comp 7
GRP 4	Brass (Ch 19 - 21)			Comp 8
GRP 5	Tuba (Ch 16,17)			Comp4



SamplePad

1x XLR-In (M6)

2 x DI-Box Ch 11-12



DI-Out



Tuba

2 x DI-Box Ch 16-17

Trumpet

XLR-Out Ch 19 +48V

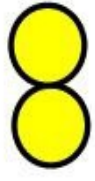


Baritone Sax / Backing Vocal

XLR-Out Ch 20 +48V



Bongo / Percussion



Main Vocal



Trombone

XLR-Out Ch 21+48V



Audience

Vocal Mic

230V AC

