

Technical Rider for **Ensemble Denada**

As of: January 6th, 2011 • Changes to be confirmed!

OFFICE / VOICE MAIL:
+49- 30- 313 31 79

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+49- 177- 313 31 79

denada@holgerschwark.de

ARTISTS:

Ensemble Denada (15 players):

3 Trumpets
3 Trombones
4 Saxophones (incl. other wind instruments)
Piano
Guitar
Upright Electric Bass
Drums
Percussion/Electronics/Visuals

Ensemble Denada road manager:
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denada@ostnorskjazzsenter.no

ORCHESTRAL EQUIPMENT LIST: (Provided by Promoter)

STAGE, minimal dimensions 10m x 6m (see drawing for details)

4 Stage RISER elements 2m x 1m, height=40cm

14 professional music stands (must be very sturdy – not the fold-up kind)

16 stand lights + suitable wiring + some spare bulbs

1 concert **grand piano**, tuned on the day of the concert

*Preferred tuning is **a=440**, but up to 442 is acceptable.*

1 adjustable piano bench

1 Fender **de Ville 4x10** (or Fender **Twin Reverb**) electric guitar amp

1 **Bass cabinet 4x10"** w. separate bass amp min. 400W (please no Trace Elliott!)

1 electric guitar stand

1 table for Laptop and various controllers, mixer etc., approx. 1,5m long

1 extra drum stool for the percussionist

DRUMS/PERCUSSION:

Preferred brands: Gretsch, Ludwig, Slingerland or Leedy.

All heads must be white-coated Remo Ambassador. Fronthead of bassdrum must be without a hole or "drum-logo".

Bass Drum: 18" x 14"

Snare Drum: 14" x 6½"

1 Rack Tom: 12" x 8"

2 Floor Toms (with legs): **14" x 14"** and **16" x 14"**

HARDWARE: Preferred brands: Premier or Yamaha.

1 **bassdrum pedal**, mallet with whole felt, no plastic

1 **snare drum stand**

4 cymbal stands (3 with boom)

1 **hi-hat stand**

1 **drum chair** to be put high

drum rug/carpet to prevent sliding

...Sound System + Video on page 2

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SOUND SYSTEM: (Provided by Promoter)

High Quality Loudspeaker System, appropriate for delivering high SPL at highest sound quality to the entire audience. Main stereo system should be flown above stage front. 4...6 small front fill speakers should be added at stage level for the first rows. A side PA, as well as delayed balcony and/or under balcony fills might be required.

Some ENSEMBLE DENADA pieces involve a high level of amplification, while the majority of a typical concert consists of subtle reinforcement, aimed at providing a natural acoustic sound image. Please expect highly dynamic (and sometimes LOUD) music.

Preferred main systems (Line Array systems):

d&b **J-Series** (no Q-Series, please) or L-Acoustic **dV-DOSC** (system size depending on venue size and shape)

Example setup (per side): 9x dV-DOSC, 3x dV-SUB, 2x SB-218,amping and system controllers accordingly

Rear/Surround speakers: If possible, please provide some surrounding loudspeakers, or 2 speakers on stands in the rear corners, behind the audience. These are used for live electronics, an exciting element of the concert.

6x wedge style Monitor speakers on 6 individual mixes, plus

6x small Monitor speakers **on stands** (1m high, between the music stands, i.e. d&b E3, Kling&Freitag CA106, t.c. Helicon VSM-200) on 3 mixes.

*So the total monitor count is **12** monitors on **9** mixes. Almost all our players prefer to have the monitors not very loud, but at a really close distance, so please provide 2 or 3 empty boxes to elevate some of the wedges by about 40cm.*

Preferred FOH mixing console:

DiGiCo SD8 with MaDi-Rack 48 In/16 Out

1x Lexicon PCM-70/91/90/81 reverb

1 other Reverb/FX unit if analogue console is used

8 compressor channels with insert wiring if analogue console is used

2 additional return lines from the FOH console (or stage rack) to the "Electronics" position on stage

Monitors can be mixed from FOH, or a separate monitor console (incl. Monitor engineer), if the existing setup involves a monitor desk anyway.

Additional equipment if monitor console is used:

1 Listen wedge, 5x Stereo EQs (for 9 monitor feeds + listen wedge), 1 Reverb, Intercom FOH-Monitor

All PA system controllers must be adjustable at FOH position, either physically or via computer remote control.

*FOH position itself, of course, must be in a good, **centered** listening position inside the audience, not in a booth!*

Microphones: (subject to adjustments - please let us know what's there, eventually we can bring some mics)

3x AKG C-414 • 1x Neumann TLM 170 • 4x Schoeps MK4 • 10x Neumann KM 184 • 1x Shure Beta 91

2x Shure Beta 98 • 2x Beta 58 • 2x EV RE 20 • 1x MD 409/e906 • 1x DPA 4061 • 4 active D.I.-Boxes

16 tall and 6 short boom mic stands, 1 round base stand (no boom)

microphone cables for everything mentioned

VISUALS/PROJECTOR: (Provided by Promoter)

For our projection of visuals, we need a 10 000 lumen (absolute minimum 8 000 lumen) high quality projector. For example a **Barco CLM R10+**, a Barco CLM HD8 or similar.

Stage: If there is no screen or suitable wall for the projection of visuals close to the stage, we will bring scenographic elements or a backdrop for that purpose.

Link to Barco projector specs

<http://www.barco.com/en/product/1755/specs>

<http://www.barco.com/en/product/1843/specs>

**HOLGER
SCHWARK**
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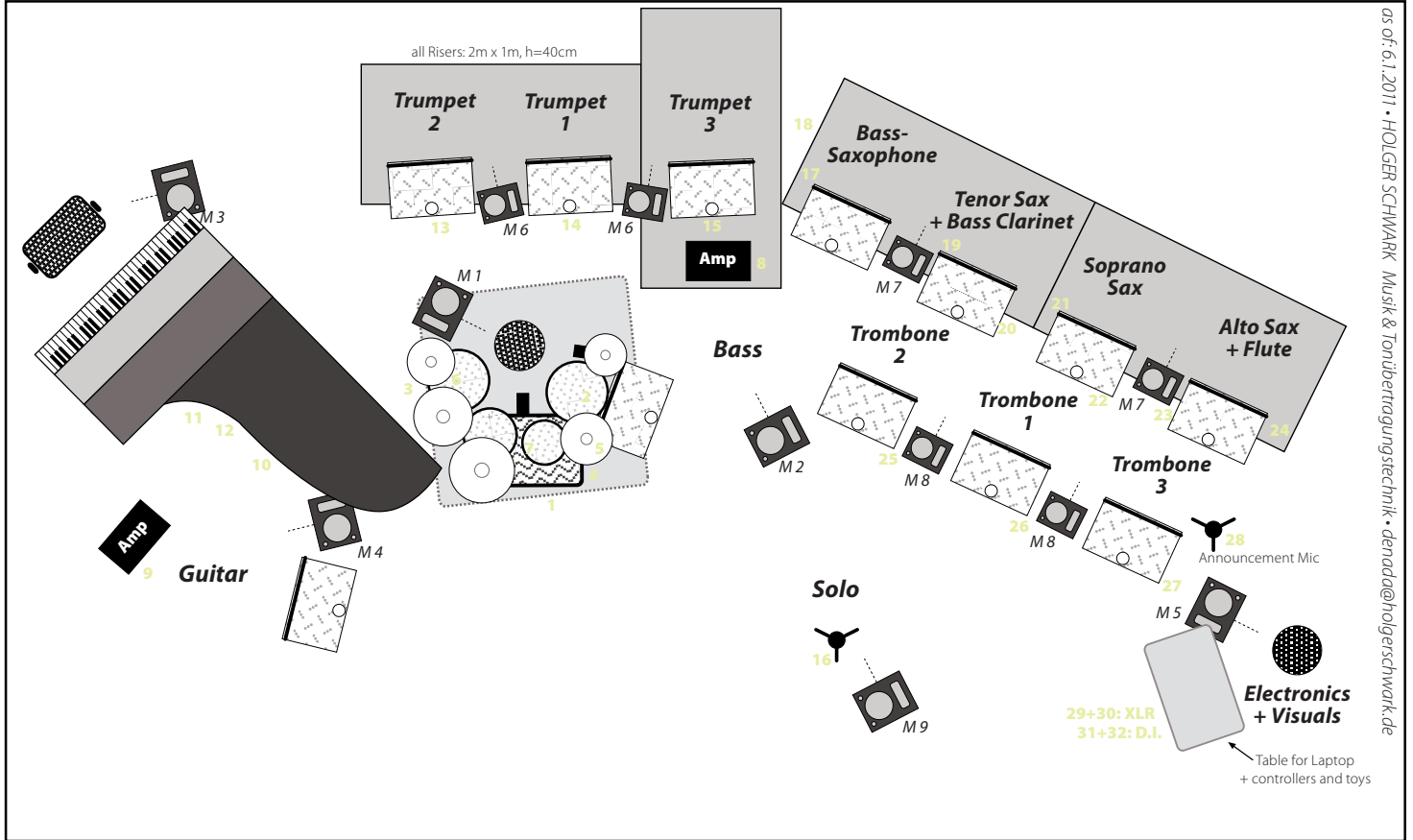
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Ensemble Denada

Stage

on this drawing: stage size 10m x 6m



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Legend: M 1...9: Monitor send Music stand (with light) Mic stand Stool

CH		Mic	stand
1	BD	Beta 91	
2	Sn	KM 184	short
3	OH L	KM 184	tall
4	OH R (HH side)	KM 184	tall
5	HH	KM 184	short
6	Floor Tom	Beta 98	clip
7	Rack Toms	Beta 98	clip
8	Bass	D.I.	
9	Guitar Amp	409/e906	short
10	Piano inside	DPA 4061	with Gaffatape
11	Piano Hi	MK 4	tall
12	Piano Lo	MK 4	tall
13	Trumpet 2	KM 184	tall
14	Trumpet 1	KM 184	tall
15	Trumpet 3	KM 184	tall
16	Solo	TLM 170	tall

CH		Mic	stand
17	Bass Sax	MK 4	tall
18	Tubax	D.I.	
19	Tenor Sax	RE 20	tall
20	Bass Clarinet	MK 4	short
21	Soprano Upper	KM 184	tall
22	Soprano Lower	KM 184	short
23	Alto Sax	RE 20	tall
24	Flutes	KM 184	tall
25	Trombone 2	C 414	tall
26	Trombone 1	C 414	tall
27	Trombone 3	C 414	tall
28	Helge voc	Beta 58	roundbase
29	Electronics 1	XLR	
30	Electronics 2	XLR	
31	Electronics 3	D.I.	
32	Electronics 4	D.I.	

extra: **Perc@Electronics** Beta 58 short
 this mic connects directly to the „Electronics“ mixer on stage.