



Trondheim Jazz Orchestra

Technical Specification Sound

Trondheim Jazzorkester feat. Marius Neset

DATE: 06.06.13

General information:

In case of problems meeting this specification, please do not hesitate to contact the artist through your contacts. We ask local promoters or sound engineers not to make changes in this spec, on behalf of the artist, without confirming with artist or representative. Brands and types of sound equipment is meant as quality guidance, and not as absolute requirements if not stated specifically. FOH: David Solheim, mob: +47 90909696

Equipment quality:

Sound equipment must be of high standard and free from audible noise. Mixing desk must be in a good position in the audience area, centred between left and right PA to ensure good control possibilities. Sound system must be rigged and tested for functionality before artist arrives for setup and sound check. Local system engineer must be available for the artists own engineer at all times from sound check to end of concert.

Sound System:

High quality 3 or 4 way active PA-system. The systems must cover all audience areas with uniform and undistorted sound. It is important that the system is free of hum and noise. (pref: L'acoustics, d&B, Meyer, or similar).

FOH:

FOH desk: minimum 40 channels, with 12 auxileries (if no monitormix),
4 band input equalizer with sweep.
48v, phase switch, insert and high pass filters on all inputs (Pref: Midas H2000/H1000)
2 Reverb units. (Lexicon 480, 300, PCM91/81/70, TC M5000/4000)
1 FX unit (SPX990/2000)
1 Digital delay unit. (TC 2290/D2 or similar)
8 ch compressor
2 ch gates
Graphic EQ's on all speaker feeding outputs
1 CD-player
1 Laptop input at 1/8" jack

DIGITAL Mixers:

All High quality digital consoles accepted (NO LS9, Please), The local engineer must know in detail how to operate it. We bring our own reverbs, so no outboard except master equalizer is needed

Monitor:

10 wedges on 8 separate amplifier systems and sends from FOH or monitor mix
8 channels of 31 bands Equalizer (DN370 or similar)

Microphones/stands

See separate channel list

Input list

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CH	Kick	B52	GATE	Small with boom
1	Snare	SM57		Small with boom
2	Hat	Cond		Small with boom
3	Rack	SM57	GATE	Small with boom
4	Floor	SM57	GATE	Small with boom
5	OH left	Cond		Large with boom
6	OH Right	Cond		Large with boom
7	Bass DI	DI	COMP	
8	Bass mic	ATM350		
9	Accordion LOW	ATM350		
10	Accordion HIGH	ATM350		
11	Accordion HIGH	ATM350		
12	Piano	Schoeps mk4		Large with boom
13	Piano	Schoeps mk4		Large with boom
14	Piano	Contact mic		
15	Piano	Contact mic		
16	Tuba	4099	COMP	Large with boom
17	Sax marius 1	Cond	GRP 1/2 COMP	Large with boom
18	Sax marius 2	Cond	GRP 1/2 COMP	Large with boom
19	Sax Erik	Cond	GRP 1/2 COMP	Large with boom
20	Tenor sax	Cond	GRP 1/2 COMP	Large with boom
21	Alt sax	Cond	GRP 1/2 COMP	Large with boom
22	Flute	AKG 535		Large with boom
23	Trombone	SM58	GRP 3/4 COMP	Large with boom
24	Pet	SM58	GRP 3/4 COMP	Large with boom
25	Pet	SM58	GRP 3/4 COMP	Large with boom
26	speaking	SM58		Large with boom
27				
28				
29				
30				
31				
32				
33				
34	TB			
35	REV 1 L			
36	REV 1 R			
37	REV 2 L			
38	REV 2 R			
39	REV 3 L			
40	REV 3 R			

Stage plot

Backline

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13 note stands

Vintage jazzkit, Gretsch, Slingerland or Ludwig.

18"x14 bd

12"x8 tomtom

14"x14 floortom

14"x6,5 sd

All drums must have aquarian modern vintage skin or Remo coated ambassadors over and below the drum.

Note: no hole in front of the bass drum!!!!!!!!!!

1 drum carpet 1x2 m

3 cymbal stands

1 hi hat stand

2 snare drum stands

1 bass drum pedal

1 adjustable drum stool

All stands must be in perfect condition.

Grand piano:

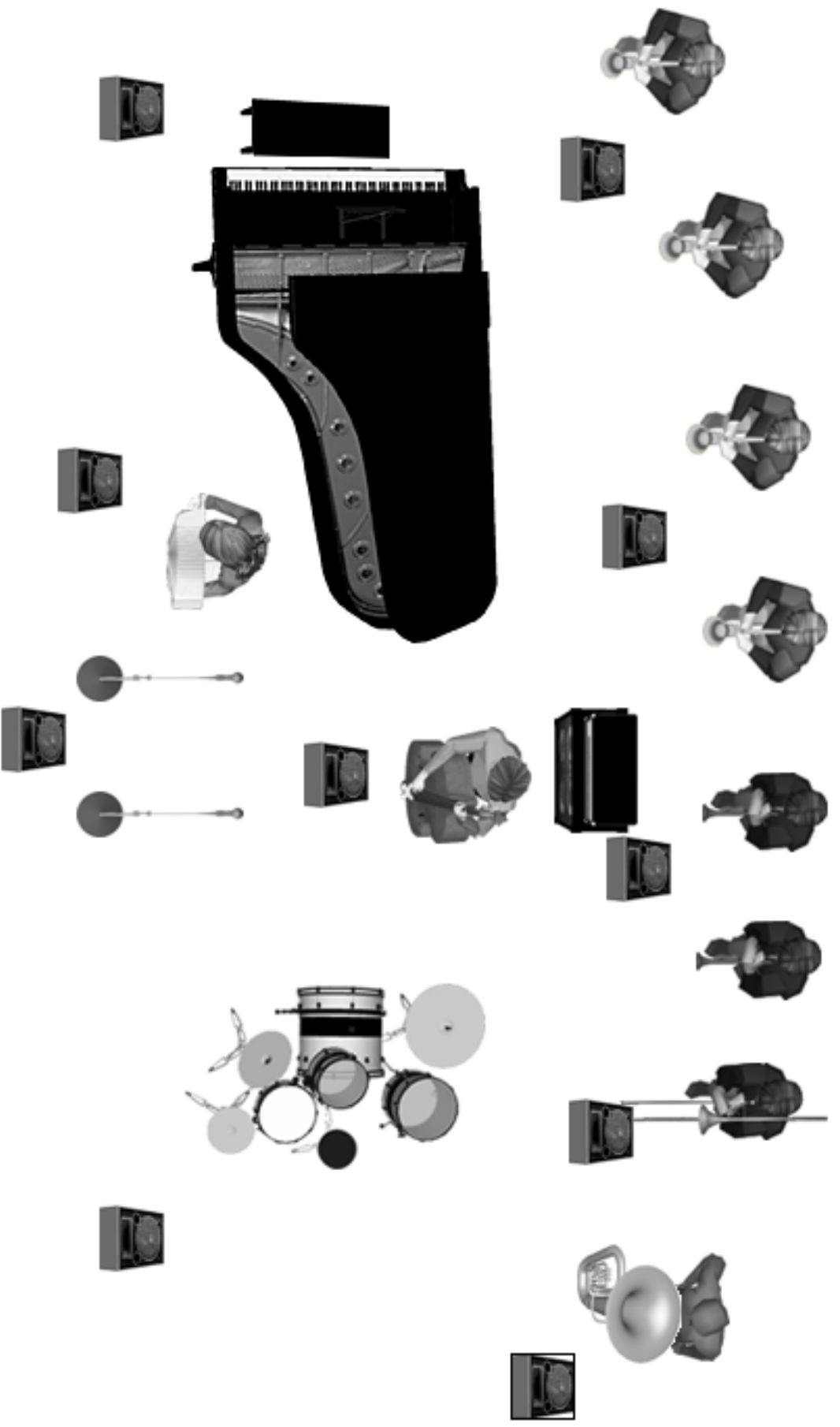
A top standard concert grand piano should be provided, Steinway & Sons concert grand or equivalent. The piano should be tuned by a professional piano tuner on the day of the performance. The piano tuner should also be prepared to adjust the tuning between sound check and performance if necessary. Please note that an upright piano, a digital piano, a digital 'grand' piano, or a synth keyboard is NOT acceptable and cannot be used. For communication about what alternatives to Steinway & Sons that can be used, please contact the artist or his representative.

A piano *stool* without back support should be provided, easily adjustable. The piano stool must be in good condition; that is, fully stable, and without squeaking sounds when the person sitting on it moves.

The pianist will normally bring his own 2x AKG 414 microphones for the piano. But the PA system should include piano microphones in case of luggage delays etc.. Regular Shure SM91s or equivalent should also be provided for additional use on the piano.

Bass:

1 bass amplifier for double bass (AER, Gallien Kruger, Acoustic Image, Polytone).
Preferably combo, if not – 4x10 or 1x15 cabinet



NBI
Horns and Winds needs to be on risers (40 cm high)

12 X Music Stands

10 wedges on 8 separate mixes.

- 1: Kick
- 2: snare
- 3: hat
- 4: OH l
- 5: OH r
- 6: Bass DI
- 7: Bass mic
- 8: Tuba
- 9: Trekkspill h
- 10: Trekkspill l

- 11: Piano
- 12: Piano
- 13: Piano
- 14: Baryton/sopran
- 15: Baryton low
- 16: Altsax / Klarinett
- 17: Fløyte
- 18: Trombone
- 19: Trumpet 1
- 20: Trumpet 2

- 21: Sax marius 1
- 22: sax marius 2
- 23: solist 1
- 24: solist 2
- 25-30 FX returns