

Technical Rider - Sound

Bulgarian Voices Angelite – Huun Huur Tu – Moscow Art Trio 2009

Please make sure that involved personnel has received and read the following document.

In case of problems meeting this specification, please do not hesitate to contact the artist through your contact. 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. Sound Engineer is Asle Karstad, who can be reached by tel.: +47 95039480, or by e-mail asle@karstad.org

Brands and types of sound equipment is to be regarded as quality guidance to the local engineer, and not as absolute requirements if not stated specifically. However all equipment must be to the specified standard.

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, 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, active PA-system (with sub-woofers) covering all audience areas with uniform and undistorted sound.
(Pref: Line arrays from d&B, Meyersound, Nexo or similar)

Monitor system:

A separate monitor-mix system, with engineer, must be supplied. A minimum of 7 programs are required. Moscow Art Trio : 3 wedges on 3 sends, The Bulgarian Voices Angelite : 2 Wedges on 1 send, Huun Huur Tu: 4 wedges on 2 sends, Soloists: 3 wedges on 1 send.

All monitor speakers preferably similar on all sends, but must be similar within same programme.

In very live halls or smaller stages, less sends and monitor speakers may be agreed upon (Contact engineer).

Mixing console:

(Pref. : , MIDAS, Yamaha PM, Soundcraft or similar.) with:
4 band input-EQ (min. 2 sweep mid-filters) on all inputs.
High-pass filter, phase switch, insert and 48V on all inputs.
Any digitals must be confirmed with engineer.
(no DM 1000/2000 or similar)

Outboard:

Min. 2 digital reverb units. (pref. Lexicon 480L, or PCM90/80/70, TC M-5000/3000)
1 digital delay unit (min 1 sec.)
2 linkable compressors connected to group-inserts.
Graphic EQ's on all speaker feeding outputs.
CD-player for system check.

Instruments to be supplied

1 Concert Grand Piano, tuned to 440, before AND AFTER soundcheck, immediately before the performance.

NOTE: Lid on piano must be removed

2 music stands

20 chairs on side stage , to be placed in dark part of stage, not in the light.

If we find it convenient, the chairs will be positioned on side-stage

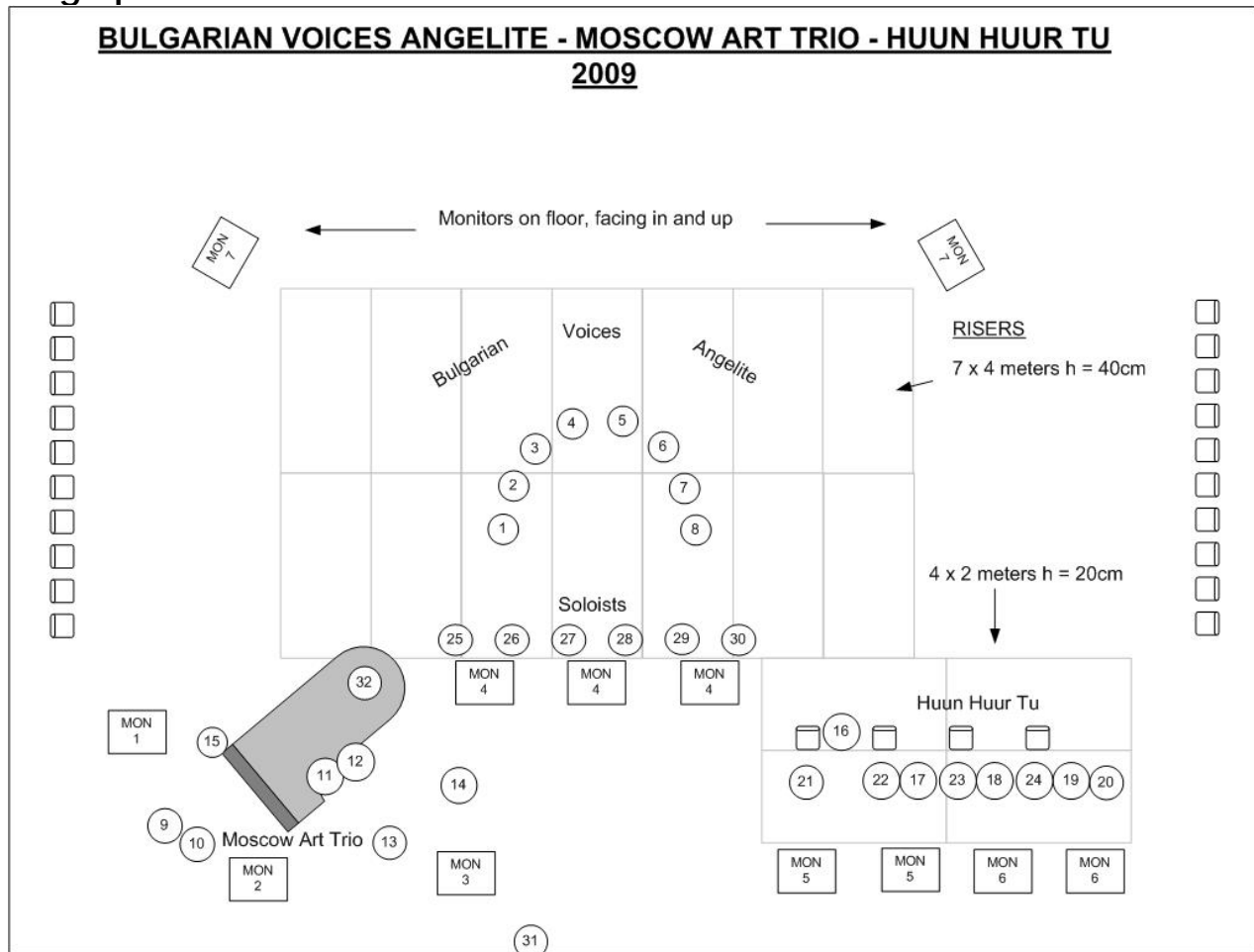
Lights – Technical requirements.

See separate light rider from our own light man

Misc:

Do not hesitate to contact agent in case anything in this specification seems unclear.

Stage plot



Input list.

Names and brands is meant as **guidance** to supplying company only, unless stated specifically with "(!!)"
 All Condensers must be high quality, cardioid condensers. Choir mikes should be of same type.

| Chan. | Instrument | Mike /DI | Stand | Ins | Note. |
|-------|-----------------------|----------------|-------------------|-----|---|
| 1 | Choir 1 | Neumann KM184* | Large/no boom | | *or any high quality cardioid condenser |
| 2 | Choir 2 | Neumann KM184* | Large/no boom | | Pref. shock mount on all choir mikes |
| 3 | Choir 3 | Neumann KM184* | Large/no boom | | |
| 4 | Choir 4 | Neumann KM184* | Large/no boom | | |
| 5 | Choir 5 | Neumann KM184* | Large/no boom | | |
| 6 | Choir 6 | Neumann KM184* | Large/no boom | | |
| 7 | Choir 7 | Neumann KM184* | Large/no boom | | |
| 8 | Choir 8 | Neumann KM184* | Large/no boom | | |
| 9 | Clarinet | BETA 58A | Large | | |
| 10 | Vocal and flute | BETA 58A | Large | | |
| 11 | Grand Piano | Neumann KM184* | Large | | |
| 12 | Grand Piano | Neumann KM184* | Large | | |
| 13 | Claviola/vocal | BETA 58A | Large | | |
| 14 | French horn | SM 57 | Large | | |
| 15 | Voice at Piano | BETA 58A | Small | | |
| 16 | Instr.1 HHT | SM 57 | Small | | |
| 17 | Instr.2 HHT | SM 57 | Small | | |
| 18 | Instr.3 HHT | SM 57 | Small | | |
| 19 | Instr.4 HHT | SM 57 | Small | | |
| 20 | Drum HHT | Sennh.MKH40 | Small | | |
| 21 | Vocal 1 HHT | BETA 58A | Large | | |
| 22 | Vocal 2 HHT | BETA 58A | Large | | |
| 23 | Vocal 3 HHT | BETA 58A | Large | | |
| 24 | Vocal 4 HHT | BETA 58A | Large | | |
| 25 | Soloist vocal 1 | BETA 58A | Large | | |
| 26 | Soloist vocal 2 | BETA 58A | Large | | |
| 27 | Soloist vocal 3 | BETA 58A | Large | | |
| 28 | Soloist vocal 4 | BETA 58A | Large | | |
| 29 | Soloist vocal 5 | BETA 58A | Large | | |
| 30 | Soloist vocal 6 | BETA 58A | Large | | |
| 31 | Alp horn | SM 57 | floor/table-stand | | |
| 32 | Inside Piano | SM91 | Inside piano | | Over resonance hole, upside down |
| | Delay return | | | | |
| | Reverb 1 Left return | | | | |
| | Reverb 1 Right return | | | | |
| | Reverb 2 Left return | | | | |
| | Reverb 2 Right return | | | | |

Input list is as correct as possible before latest rehearsals preceding this tour. Changes may apply after these rehearsals.