ROCK OPERA

-TEHNICAL REQUIREMENTS-

The following technical requirements for ROCK OPERA are integral part of the performance.

The organizer accepts the obligation to provide all of the following.

If any or all of requirements cannot be meet, please notify our sound engineer milos_momirov@yahoo.com prior to show.

Sound Check

Required sound check time is 3 hours minimum. Keeping in mind that everything is set up prior to the sound check. We do our best to finish sound check as soon as possible, for that we need following.

FOH

Preferred sound consoles are Soundcraft Vi6, Avid Digidesign Venue, Midas PRO3 or PRO6. Minimum input channels is 96 (80 stage rack inputs and 12 effects return). Please see attached channel list. No matter which digital console is, minimum 4 analog effects processors are required. (2x Yamaha SPX990 and 2x Lexicon PCM 91 or 96). NEVE AMS or EVENTIDE harmonizer will be great if possible. We don't like integrated digital effects.

PA

The PA should be able to provide 103dBA with the master out meters around "unity", "zero" ,"0VU" ,call it what you will at FOH possition. That will ensure the proper headroom while keeping the show at "rock volume". If not, you can be sure that we will drive everything up until that requirement (103dBA) is met.
Preferred PA systems are Martin, L'acoustics K2, JBL VTX (only), D&B, Mayer or Nexo. PA should be set up and tested 1 hour before coming to the stage, PLEASE. If necessary please allow our sound engineer access to system parameters, EQs, delay time and crossover settings… And make sure that all of auditorium is equally covered, including out fills, infills, dlys etc…
One Dolby Lake LM26 system management processor or XTA DP548 (LR, subs and in fills to driven separately)
IMPORTANT: FOH POSITION SHOULD BE IN CENTER OF VENUE, ON THE GROUND FLOOR NO MORE THEN 30M FROM STAGE, NOT NEGOTIABLE.

MONITORS

Experienced monitor engineer, English speaking, sober, who is familiar with monitor desk. Monitor desk should be minimum 40 input channels. Band, Brass and Vocals to be split from FOH and everything else (strings, wind instruments, percussions and choir) can be mixed in to 4 stereo sub mix and returned back from FOH desk to MONITORS desk.)
Minimum 3 stage tech handling all mics, monitors, etc. and 5 stagehands are necessary.

12 x Y cables (two female xlr to one male xlr)
One set of Clearsonic A2466x7 (A5-7) Drum Shield is mandatory.

Please provide 64 chairs without arm rests with note stands and lanterns.

Please see following **MONITOR** patch, *INPUT* list, *BACKLINE* list and ***STAGEPLOT.***

For all other information, please contact our sound engineer Milos Momirov, +381643381032 milos_momirov@yahoo.com

MONITOR GROUPS*: 14 MONITOR GROUPS IN FOLLOWING ORDER*

1. DRUMS – wiered in ear;
2. Bas - wiered in ear;
3. Keys - wiered in ear or 2 coaxial wedges like d&b max, RCF NX series, Nexo;
4. Voc - 2 coaxial wedges like d&b max, RCF NX series, Nexo;
5. Voc wireless IEM – one radio transmitter sennheiser G3 and 6x receivers with headphones.
6. Gtr – 1 coaxial wedges like d&b max, RCF NX series, Nexo;
7. Maestro – wireless IEM Sennheiser G3;
8. Sax – 1 radio transmitter and 3x radio receivers sennheiser G3;
9. Trumpet – 1 radio transmitter and 3x radio receivers sennheiser G3;
10. Trombone – 1 radio transmitter and 3x radio receivers sennheiser G3;
11. Simf orchestra – 3x speakers on stands
12. First violin – 1x coaxial wedges like d&b max, RCF NX series, Nexo;
13. Side Fill L – 3way line array like d&b, martin, JBL. Flying not ground stacked
14. Side Fill R – 3way line array like d&b, martin, JBL. Flying not ground stacked

ROCK OPERA

Drums: Yamaha 9000 (recording custom) or Yamaha Tour custom.

Sizes:

- Bass drum 22"
- Tom-toms: 10",12",14"
- Snare drum: 14" coated head

Hardware: any Yamaha hardware

- 4 cymbals stand (2 straith + 2 boom stand)
- 1 hi-hat stand
- 1 kick pedal
- 1 drum chair Tama ERGO-RIDER

Cymbals: Zildjian A custom, K or K custom.

- 14" (hi-hats)
- 10" (splash)
- 16" i 18" (crash)
- 20" (ride)

ONE RUG FOR DRUMS 2m x 2m.

BASS AMP: Mark Bass AND **bass cabinet 2x10" or 4x10".**

GITAR AMP: Roland Jazz corus or **Fender Twin Delux.**

ROCK OPERA

-Input List-

CH	INST	MIC		CH	INST	MIC
1	KICK	PR48/BETA91		41	VIOLA 4	DPA4099V
2	SN TOP	SM 57		42	VIOLA 5&6	2x DPA4099V
3	SN BOT	C414/SM 57		43	VIOLA 7&8	2x DPA4099V
4	HH	SM 81		44	CELLO 1	DPA4099
5	TOM 1	E604/B56		45	CELLO 2	DPA4099
6	TOM 2	E604/B56		46	CELLO 3	DPA4099
7	FL TOM 1	E604/B56		47	CELLO 4	DPA4099
8	FL TOM 2	E604/B56		48	Upright Bass 1	DPA4099V
9	OH L	SM 81/C414		49	Upright Bass 2	DPA4099V
10	OH R	SM 81/C414		50	HORN 1	2xSENN 421
11	BASS	DI BOX		51	HORN 2	2xSENN 421
12	GTR	SM57		52	FAGOT 1	C451/NT10
13	KEY L	DI BOX		53	FAGOT 2	C451/NT 5
14	KEY R	DI BOX		54	OBOA 1	C451/NT 5
15	VOC 1	SM58W		55	OBOA 2	C451/NT 5
16	VOC 2	SM58W		56	CLARINET 1	C451/NT 5
17	SAX 1	SM57		57	CLARINET 2	C451/NT 5
18	SAX 2	SM57		58	FLUTE 1	C451/NT 5
19	SAX 3	SM57		59	FLUTE 2	C451/NT 5
20	TRUB 1	SM58		60	TOMS 1	SENN 421/SM57
21	TRUB 2	SM58		61	TOMS 2	SENN 421/SM57
22	TRUB 3	SM58		62	TOMS 3	SENN 421/SM57
23	TROMB 1	SM57		63	TOMS 4	SENN 421/SM57
24	TROMB 2	SM57		64	BELLS	SENN 421/SM57
25	TROMB 3	SM57		65	Xylophone L	C451/NT 5
26	I VIOLIN 1	DPA4099V		66	Xylophone R	C451/NT 5
27	I VIOLIN 2	DPA4099V		67	GRAND CASA	D112
28	I VIOLIN 3	DPA4099V		68	OH PERC	C451/NT 5
29	I VIOLIN 4	DPA4099V		69	VOC 3	SM 58W
30	I VIOLIN 5&6	2x DPA4099V		70	VOC 4	SM 58W
31	I VIOLIN 7&8	2x DPA4099V		71	VOC 5	SM 58W
32	II VIOLIN 1	DPA4099V		72	VOC 6	SM 58W
33	II VIOLIN 2	DPA4099V		73	CHOIR 1	C414/NT 5
34	II VIOLIN 3	DPA4099V		74	CHOIR 2	C414/NT 5
35	II VIOLIN 4	DPA4099V		75	CHOIR 3	C414/NT 5
36	II VIOLIN 5&6	2x DPA4099V		76	CHOIR 4	C414/NT 5
37	II VIOLIN 7&8	2x DPA4099V		77	CHOIR 5	C414/NT 5
38	VIOLA 1	DPA4099V		78	CHOIR 6	C414/NT 5
39	VIOLA 2	DPA4099V		79	AMB 1	ME66
40	VIOLA 3	DPA4099V		80	AMB 2	ME66

ROCK OPERA

STAGE PLOT

CHOIR

percussions

Trub 1	Trub 2	Trub 3
Tromb 1	Tromb 2	Tromb 3
Sax 1	Sax 2	Sax 3

Drums

Flute 1 Fulte 2 Klar 1 Klar 2 Oboa 1 Oboa 2 Fagot 1 Fagot 2 Horn 1 Horn 2 Horn 3 Horn 4

Bass

Gtr

Celo 3 Celo 4
Celo 1 Celo 2

Key

Voc

Viola 8
Viola 7
Viola 6
Viola 5
Viola 4
Viola 3
Viola 2
Viola 1

MAESTRO

II viol 8
II viol 7
II viol 6
II viol 5
II viol 4
II viol 3
II viol 2
II viol 1

I viol 1
I viol 2
I viol 3
I viol 4
I viol 5
I viol 6
I viol 7
I viol 8

Bas 2
Bas 1