

SHOWTIME

-TEHNIICAL REQUIREMENTS-



The following technical requirements for ROCK OPERA are integral part of the performance. If any or all of requirements cannot be meet, please notify our sound engineer milos_momirov@yahoo.com or +381643381032 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 Midas Heritage D, Pro series (PRO X, 9,6 and 2) Digico SD series. Please see attached channel list. No matter which digital console is, minimum 3 analog effects processors are required. (2x Yamaha SPX990 and 1x Lexicon PCM 91). NEVE AMS or EVENTIDE harmonizer will be great if possible. Also, one Neve Portico is mandatory.

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 position. 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 K1,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 (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, who is familiar with monitor desk. Monitor desk should be minimum 40 input channels.

Minimum 3 stage tech handling all mics, monitors, etc.

Please provide 16 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: **15 MONITOR GROUPS IN FOLLOWING ORDER**



1. Drums L
2. Drums R – wired in ear;
3. Bas L
4. Bas R - wired in ear;
5. Keys - 1 coaxial wedges like d&b max, RCF NX series, Nexö;
6. Gtr – 1 coaxial wedges like d&b max, RCF NX series, Nexö;
7. Lead Voc – 2x coaxial wedges like d&b max, RCF NX series, Nexö;
8. Maestro – 1 coaxial wedges like d&b max, RCF NX series, Nexö;
9. Sax L
10. Sax R – 2 radio transmitter and 3x radio receivers, bodypacks
11. Trombone L
12. Trombone R – 1 radio transmitter and 3x radio receivers, bodypacks
13. Trumpet L
14. Trumpet R – 1 radio transmitter and 3x radio receivers, bodypacks
15. Percussions – 1 coaxial wedges like d&b max, RCF NX series, Nexö;

Please provide minimum 6 stereo wireless transmitters and 14x body packs. Shure Axient IEM or Sennheiser G4 with antenna combiner and helical antennas.

We also need:

- 3x Shure Axient Handheld mics with SM58
- 3x Shure Axient Bodypacks for instruments

NS BIG BAND

-BACKLINE LIST-

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 straight + 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.

One set of Clearsonic A2466x7 (A5-7) Drum Shield.

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

GITAR AMP: Roland Jazz corus or Fender Twin Delux.

Keys: Yamaha CP88 with sustain pedal and X stand.

Percussion:

1x LP size 11 ¾" conga with stand

1x LP size 12 ½" tumba with stand



NS BIG BAND

-Input List-



CH	INST	MIC
1	KICK IN	BETA91
2	KICK OUT	BETA52
3	SN TOP	SM 57
4	SN BOT	SM 57
5	HH	AKG C490/SM81
6	TOM 1	E604/B56
7	TOM 2	E604/B56
8	FL TOM 1	E604/B56
9	OH L	DPA 4011/C414
10	OH R	DPA4011/C414
11	RIDE	SM81
12	BASS	DI
13	GTR	SM57
14	GTR	E604
15	KEY L	DI BOX
16	KEY R	DI BOX
17	LEAD VOC 1	SM58 Wireless
18	LEAD VOC 2	SM58 Wireless
19	LEAD VOC 3	SM58 Wireless
20	SAX 1	DPA4099
21	SAX 2	DPA4099 Wireless
22	SAX 3	DPA4099
23	SAX 4	DPA4099
24	TROMBONE 1	DPA4099
25	TROMBONE 2	DPA4099 Wireless
26	TROMBONE 3	DPA4099
27	TRUMPET 1	MD421
28	TRUMPET 2	DPA4099 Wireless
29	TRUMPET 2	MD421
30	TRUMPET 3	MD421
31	CONGA LO	SM57
32	CONGA HI	SM57
33	BONGOS	DPA2011
34	PERC OH L	DPA2011
35	PERC OH R	DPA2011
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