

## **TECHNICAL RIDER - OSLO GOSPEL CHOIR AND BAND - 2010**

### **THE PA SYSTEM:**

The system shall be an actively divided stereo system capable of an even and complete coverage of the audience area. At mixing position the system shall be capable of at least 100dB of undistorted and lasting sound pressure. If needed please consider delay systems under balconies etc. The system must be free from hum and noises. If the room demands it, please consider a line array system.

### **FRONT OF HOUSE: (We provide the engineer)**

Minimum a 32 channel mixer with 4 band equalizers (at least 2 parametric mids) and variable bass cut. The mixer should have at least 8 aux sends and utilize VCA groups. We prefer Midas mixers.

#### **Outboards:**

- Stereo parametric EQ (2 x 31 bands).
- Four effect machines where at least one must be a Lexicon 960, 480, 300 or PCM91. Machine 2 and 3 may be ordinary multi effect machines like Lexicon, TC or Yamaha.
- One delay machine. Either a TC-2290 or TC-DTwo delay.
- At least 8 compressors and 4 gates.

### **MONITORS: (Local engineer)**

Minimum a 40 channel mixer with 4 band equalizers (at least 2 parametric mids) and variable bass cut. There has to be a minimum of 10 auxiliary sends. Auxiliaries 1 through 9 corresponds with the numbers on the stageplot. Auxiliary 10 is reverb send. A reverb and 4 compressors are also needed on monitor. All wedges (including the monitor engineers monitor) and corresponding amplifiers should be of the same type, and there shall be a 31 band equalizer per monitor mix. The four monitors behind and on the side of the choir are to be mounted on stands and preferred monitors are Electro-Voice SX-300 or SX-200 or Mackie SRM-450. If it is convenient for the technical provider, the monitors in front of the choir might be the same brand as the ones behind and on the sides of the choir.

### **MIX AND MULTICORE FOR THE CHOIR:**

A submixer with at least 16 channels with 48V has to be provided. The mixer has to be placed at the F.O.H. position preferably to the left of the main mixer. Midas Venice is acceptable. The stagebox for this mixer is to be placed right behind the choir riser. OGC will bring the microphones and the microphone cables for the choir. The four group outputs from the choir mixer goes to the split system. If you provide one F.O.H. desk with at least 56 channels, you may put the choir on the main mixer.

### **VARIOUS:**

- Drum riser           The drum riser shall be 2x2 meters, with a height of 40 centimeters. There shall be a drumcarpet on top of the rise
- Choir riser           The choir riser shall be in two different heights. The front part (+20 cm) shall be 4 meters wide and 1 meter deep. The aft part (+40 cm) shall also be 4 meters wide and 1 meter deep.
- Various               You have to provide us with 5 music stands, and 3 bar stools for onstage use.

### **QUESTIONS:**

Please forward questions concerning the arrangement to Jan Sollesnes at HiHat +47 48 99 69 10. Questions of technical matters can be forwarded to Lars Ferdinand Bergersen +47 917 19 610.

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## **BACKLINE - OSLO GOSPEL CHOIR AND BAND - 2010**

### **DRUMS:**

- Yamaha recording 9000. Complete drumkit with 2 rack toms and 1 floor tom. Stool.  
At least 3 cymbal stands with cymbals and HiHat stand with HiHat.  
Remember new drum skins. Please provide some sticks and brushes.  
A DRUM CARPET AND A DRUM RISER WILL BE NEEDED. SEE DRAWING.

### **BASS:**

- Bass amplifier SWR SM900 or SM400 with SWR cabinet 4x10"
- Tuner. Preferably a KORG tuner mounted in the amplifier rack.
- One guitar stand.

### **KEYBOARDS:**

- Our keyboardplayer needs one of the following keyboards: Yamaha CP-1, CP-5 or S90ES (not XS) preferably a CP-1. He also needs a solid keyboard stand, a sustain pedal and an adjustable piano chair.

### **GUITAR:**

- Fender Bassman amplifier
- 4 guitar stands (three for electric guitar and one for acoustic guitar)

Even if we strive to keep our riders up to date, there are allways small adjustments to things. Therefore please consult Ferdinand with a phonecall or a mail in advance, just to be shure.

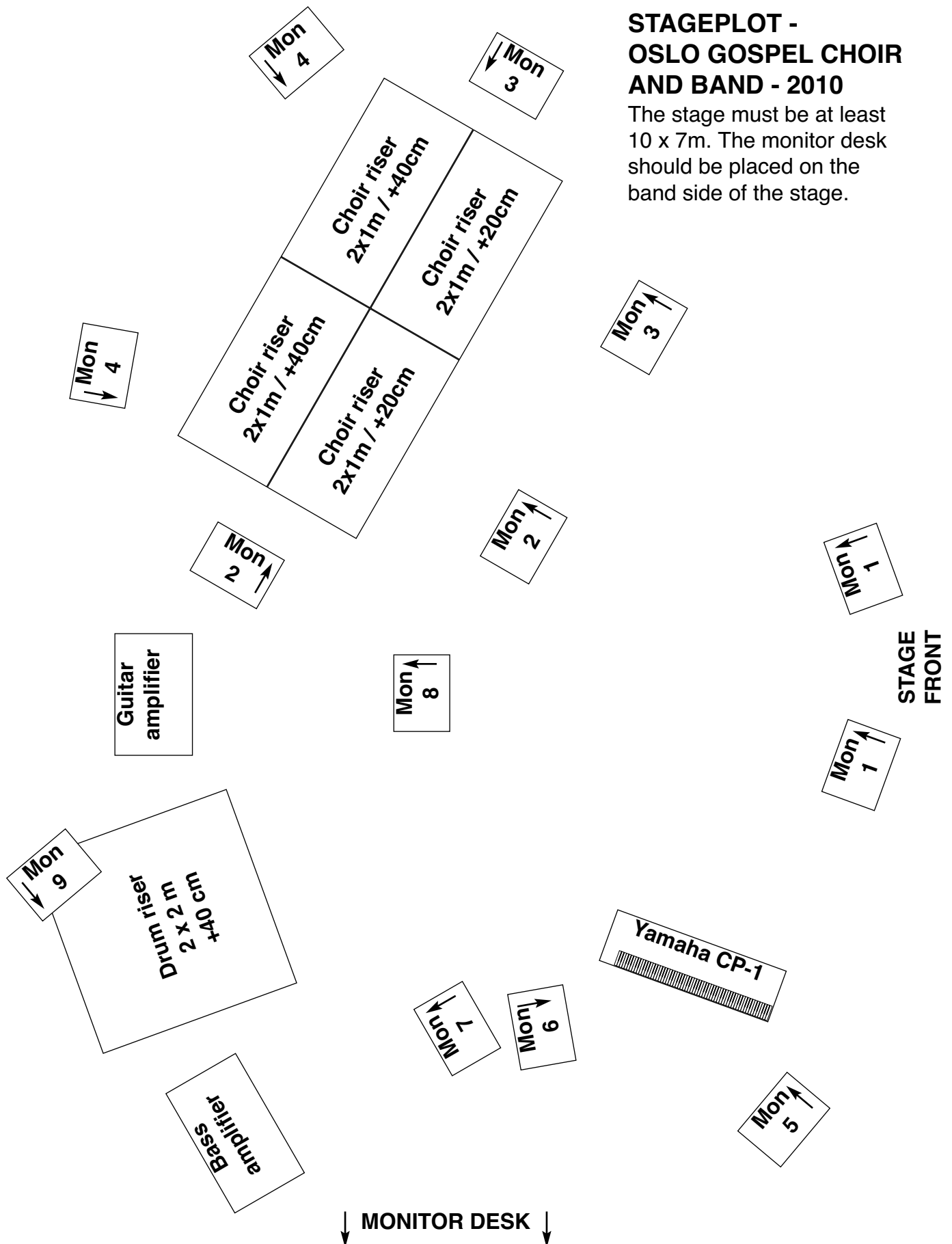
## **LIGHTING RIDER - OSLO GOSPEL CHOIR AND BAND - 2010**

We do not provide our own light technician. Therefore you will provide us with a light designer that is given the responsibility to design the light for the concert. If needed, please call or mail Lars Ferdinand Bergersen at for information.

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## STAGEPLOT - OSLO GOSPEL CHOIR AND BAND - 2010

The stage must be at least 10 x 7m. The monitor desk should be placed on the band side of the stage.



## INPUT LIST - OSLO GOSPEL CHOIR AND BAND - F.O.H. / MONITOR - 2010

Nr.	Instr./Vocal	Mic/DI	Stand	Dynamics	Notes.
1	Bass drum	Beta-52	Small w/boom and large foot		
2	Bass drum	Beta-91			
3	Snare drum	SM-57	Small w/boom		
4	HiHat	AKG-480	Small w/boom		
5	Rack tom 1	Sennheizer clip on or similar		Gate	
6	Rack tom 2	Sennheizer clip on or similar		Gate	
7	Floor tom	Sennheizer clip on or similar		Gate	
8	OH L	AKG-480 or sim. Large w/boom			
9	OH R	AKG-480 or sim. Large w/boom			
10	Bass	DI			
11	Electric Guitar	SM-57	Small w/boom		
12	Accoustic Guitar	DI			
13	Keyboard 1 L	DI			
14	Keyboard 1 R	DI			
15	Keyboard 2 L	DI			
16	Keyboard 2 R	DI			
17	Lead vocal Hans Esben	Wireless Shure B58 - Large round base		Comp	<u>Wireless</u>
18	Lead vocal 1	KMS-105	Large w/boom	Comp	we provide
19	Lead vocal 2	KMS-105	Large w/boom	Comp	we provide
20	Talkback local and to the monitor desk				
21	Choir submix sopranos	Group 1 from submix		Comp	
22	Choir submix altos	Group 2 from submix		Comp	
23	Choir submix tenors	Group 3 from submix		Comp	
24	Choir submix basses	Group 4 from submix		Comp	
25	Lexicon 960/480/300/PCM-91			Machine 1 L	
26	Lexicon 960/480/300/PCM-91			Machine 1 R	
27	Lexicon 960/480/300/PCM-91-TC M-4000/3000			Machine 2 L	
28	Lexicon 960/480/300/PCM-91-TC M-4000/3000			Machine 2 R	
29	TC-2290/D-TWO			Machine 3 L	
30	TC-2290/D-TWO			Machine 3 R	
31	Effects machine 4 L			Machine 4 L	
32	Effects machine 4 R			Machine 4 R	

### 25 to 32 on the monitor desk

25	Reverb L
26	Reverb R
27	Talkback local
28	Talkback from F.O.H mixer