



## Technical Specification – January 2012

### Channel List

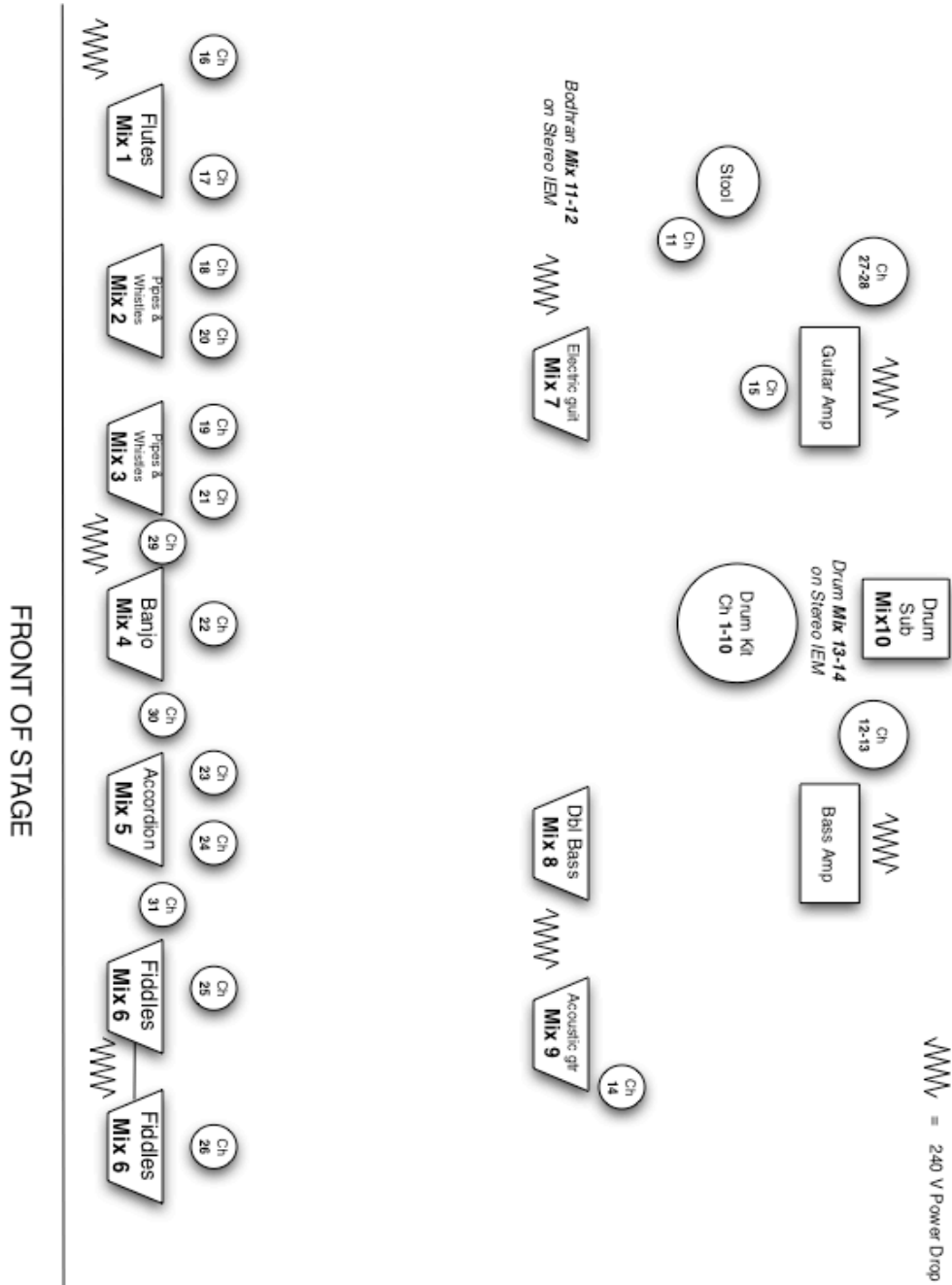
Ch.	Instrument	Mic/DI/Notes	Insert
1	Kick In	Shure b91	Gate
2	Kick Out	Shure b52	Gate
3	SD 1 Top	B57	
4	SD 1 Bottom	MD604	
5	SD 2 Top	B57	
6	Hi Hats	SE300	
7	Rack Tom	MD604	Gate
8	Floor Tom	MD604	Gate
9	OH SR	414	
10	OH SL	414	
11	Bodhran	Beta57 (short boom)	
12	Bass 1	Active DI	Comp
13	Bass 2	Active DI	Comp
14	Acoustic Guitar	Active DI	Comp
15	Electric Guitar	SM57 (short boom)	
16	Flute 1	Active DI	Comp
17	Whistle/Flute	SM58 (tall boom)	
18	Whistle 1	SM58 (tall boom)	Comp
19	Whistle 2	SM58 (tall boom)	Comp
20	Pipes 1	SM58 (short boom)	Comp
21	Pipes 2	SM58 (short boom)	Comp
22	Banjo	XLR +48v	
23	Accordion R.H.	XLR (beta98s provided)	
24	Accordion Bass	Active DI	
25	Fiddle 1	Active DI	Comp
26	Fiddle 2	Active DI	Comp
27	Sampler L	Active DI	
28	Sampler R	Active DI	
29	Vox 1 – Speech	SM58 (tall boom)	Comp
30	Vox 2 – Speech	SM58 (tall boom)	Comp
31	Vox 3 – Speech	SM58 (tall boom)	Comp
32/33	Stereo Hall Reverb (FOH)	M2K, M3K, SPX, M1XL,	
34/35	Stereo Plate Reverb (FOH)	M2K, M3K, SPX, M1XL,	
36/37	Stereo Delay Unit (FOH)	TC D2	
<i>Mons 32</i>	<i>Bodhran Split</i>	<i>XLR Split at Mons Desk</i>	
<i>Mons 33</i>	<i>Mono Hall Reverb</i>	<i>Mons only</i>	

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 for any technical information please contact Andrea Gobbi  
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# Technical Specification – January 2012

## Stage Plot



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# Technical Specification – January 2012

## Sound Specifications

### Speaker System

Very high quality stereo speaker system. D&B (J Series, C4/7 Series), L'Acoustics are preferred. Should be capable of generating 112 db (A weighted) of peak sound pressure level of music at FOH mix position without distortion.

The system should be designed and configured to cover all areas of the venue that will be occupied by the audience during the show. This includes banked seating beside stage, balconies, the pit, etc... The system should be checked thoroughly in advance to have correct polarity/phase relationships throughout, correct time alignment settings and that all individual components are functioning correctly.

### FOH

Minimum 40 input console, allowing for separate channels to cover supports. Should have 4 band EQ per channel, plus High and Low pass filters. Midas XL4/3 preferred.

2 tested and functional consoles PSU's must be available (1 spare)

Very high quality 31-band 1/3 Octave Graphic EQ (to be inserted) for stereo output. KT DN360/370 or BSS FCS960

1 x Com system for communication with monitors/stage.

### Monitors

Minimum 40 input console preferred, allowing for separate channels to cover supports. A minimum of 16 auxiliary sends must be available. Midas analogue preferred. **No digital desks without sound-check.**

**Mix 1 to 9** should be very high quality Active wedges, with a minimum of a 15" and a 1" driver. D&B M4, L'Acoustics XT15 preferred. Very high quality 31-band 1/3 Octave Graphic EQ to be inserted in every output. KT DN360/370 or BSS FCS960.

**Mix 10 (Drum Sub Mix)** should be no smaller than 15" driver, adequate to the size of the stage.

**Mix 11-12 (Bodhran Stereo IEM)** Generally wireless, transmitter at Monitor control position.

**Mix 13-14 (Drum Stereo IEM)** Generally hard wired – 2 XLR to be available at drum kit position.

A listen wedge matching the make, model and going through the same processing as all the stage monitors, must be available at the Monitor Control position.



## **Technical Specification – January 2012**

### **Lighting Spec**

This is a brief list of the very minimum lighting requirements:

- There should be a minimum of 3 colour wash, both front and back stage.
- There should be a minimum of 6 scan lights, all DMX controlled with a minimum spec of HPE Miniscan.
- There should be a smoke/haze machine on the stage.
- Everything should be controlled from a single console situated no farther than 10 feet from the FOH sound desk.

**This is a fairly basic setup, however, should you have any problems meeting this spec please do not hesitate to call Smit on +44 7973 784 875.**

### **Backline and Stage Requirements**

- Two 8' x 8' risers for Drumkit and Percussion Section.
- Drumkit of acceptable standard such as DW, Yamaha Stage Custom, Pearl Masters 4 piece (20"Kick , 12"Rack, 14"Floor, Hardware, HiHat stand c/w clutch, 5 x Boom Cymbal Stands, Snare Stand, Throne, Drum Carpet) Cymbals + Snare provided.
- Bass Amp such as Ampeg, Hrtke, Gallen&Krueger. 150W minimum.
- Guitar Combo such as Fender Twin or similar. NO ROLAND JAZZ CHORUS PLEASE. Marshall JCM800 is an adequate alternative.

Provisions of Backline to be agreed between engager and The Treacherous Orchestra before booking and will form part of the contract.

**Please be aware that failure to meet any part of this spec without notice may result in extra charges being applied.**

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