

Technical Rider



TECHNICAL REQUIREMENTS & RIDER

1. Backline Equipment
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Minimum backline equipment requirements

- 9 Piece drum kit including bass drum, 3x toms, snare, hi-hat and 1x ride and 3x crash good quality cymbals. (5 piece drum kit can be adequate)
- 1x Fender Precision Bass Guitar with Round Wound Strings including strap.
- 1x Trace Elliott (or similar) 500 watt Bass guitar amp and speaker or combo.
- 2 X Vox AC30 matching model combo's or 2 other 2 X 12 matching model combo's (Fender or Marshall preferred).
- Digital Baby grand piano or full size electric/digital keyboard (88 keys weighted) with midi in/output.
- 1 x Piano stool.
- 1x White Fender Telecaster guitar including strap or Acoustic guitar with Jack input including strap.

THE BOHEMIANS – SOUND SPECIFICATION ABROAD

Audio

Channel List – Mics and DI's:

Channel	Instrument / DI / Voice	Microphone / DI
1	Kick	Shure Beta 52
2	Snare	Shure SM58
3	Hi-Hats	AKG C451
4	Tom 1 (Highest Tom)	Sennheiser MD421
5	Tom 2	Sennheiser MD421
6	Tom 3	Sennheiser MD421
7	Tom 4 (Floor Tom 1)	Sennheiser MD421
8	Tom 5 (Floor Tom 2)	Sennheiser MD421
9	Overhead L (Over Floor Tom)	AKG 414
10	Overhead R (Over Hi-Hats)	AKG 414
11	Bass DI (or direct into wireless receiver)	BSS Active DI
12	Guitar Stereo L	BSS Active DI
13	Guitar Stereo R	BSS Active DI
14	Acoustic DI	BSS Active DI
15	Piano L – DI	BSS Active DI
16	Piano R – DI	BSS Active DI
17	Drums Backing Vocal	Shure Beta SM58
18	Bass Backing Vocals	Shure Beta SM58
19	Guitar Backing Vocals	Shure Beta SM58
20	Lead Vocals	Shure Wireless Beta SM58
21	Talkback	Switchable Shure SM58
22	Reverb L	Suitable Short Plate Reverb L
23	Reverb R	Suitable Short Plate Reverb R

24	Delay L	Capable of up to 1800ms time
25	Delay R	Capable of up to 1800ms time
26	Track 1 (Audio)	On either jack or XLR
27	Track 2 (Audio)	On either jack or XLR
28	Track 3 (Click)	On either jack or XLR

Monitoring:

Please provide 3x Wireless Stereo IEM System. If not possible please inform us at least 1 week before travel.

It is a 5 way monitor mix setup as follows....

Mix 1 – Drums (Wireless Stereo IEM System)

Mix 2 – Piano (Single Monitor)

Mix 3 – Stage Center (Pair of Monitors) Note: Mix 2 & 3 can be twined.

Mix 4 – Bass (Wireless Mono IEM system)

Mix 5 – Guitar (Wireless Stereo IEM system)

Please supply 3x IEM systems as above.

All stage monitors should be capable of 109db @1m half space

All monitors should have 32 band graphic eq's available with 12 db+/- adjustment capability as minimum

All monitors should also have Compressors and Limiters across each mix for ear protection and clarity purposes

Monitor Mix set-up

Mix 1 Drum IEM – Click Track 8, Kick 8, Drum Vocals 8, Snare 6, Lead Vocals 6, Bass guitar 6, Overhead 5, Lead Guitar 5, Piano 5, Toms 4, Tracks 4, Bass Vocals 4, Guitar Vocals 4

Mix 2 Piano – Lead Vocals 8, Piano 7, Tracks 5, Drum Vocal 5, Guitar 3

Mix 3 Centre – Lead Vocals 8, Telecaster Guitar 7, Bass Guitar 6, Tracks 5, Drum Vocals 5, Bass Vocals 5

Mix 4 Bass IEM– Bass Guitar 8, Bass Vocals 8, Lead vocals 5, Tracks 4, Piano 3, Drum Vocals 3, Guitar Vocals 3, Snare 2, Kick 2

Mix 5 Guitar IEM – Lead Guitar 8, Guitar Vocals 6, Everything else around 6

Channel List – Auxes:

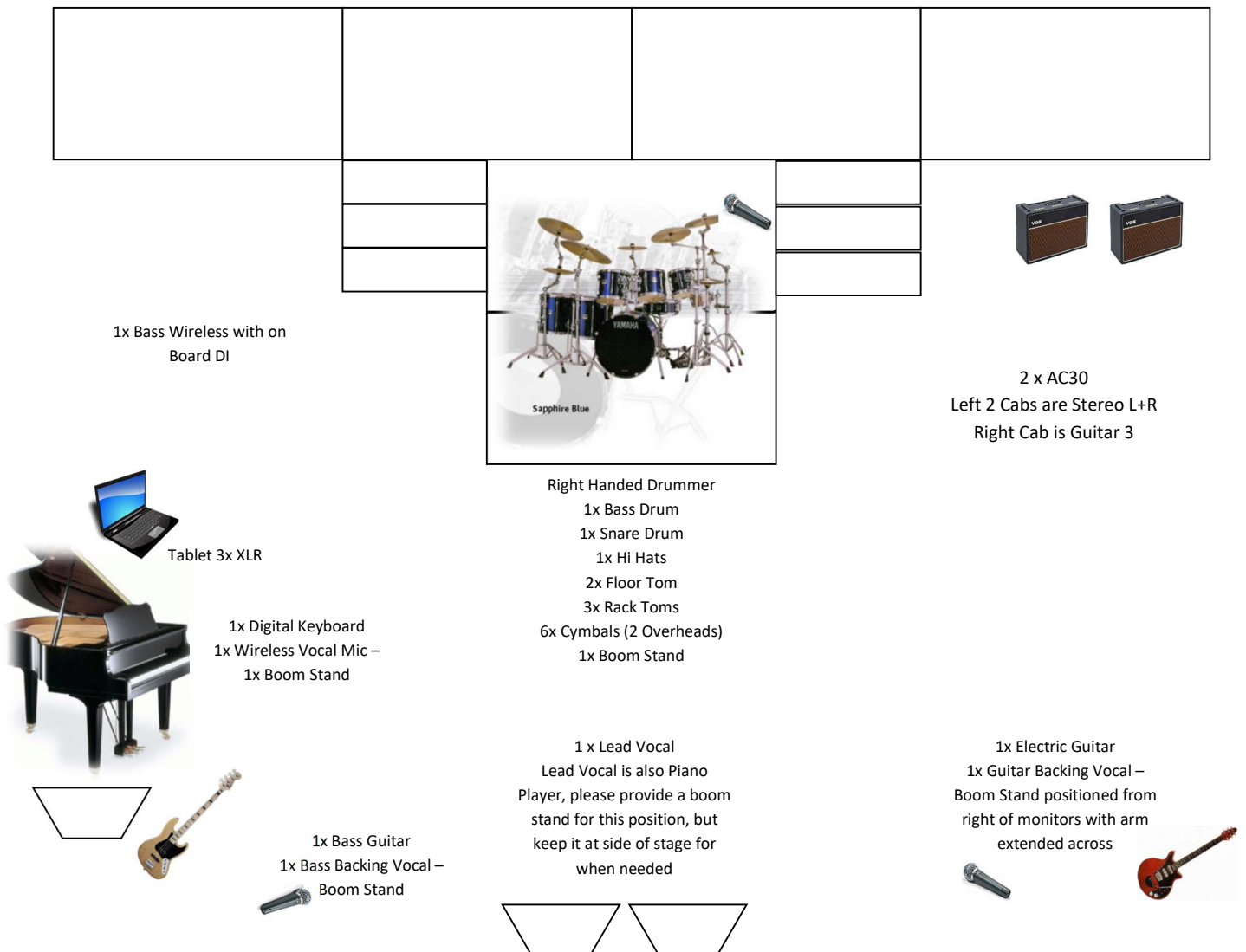
Aux	Use	Destination
Aux 1	Drums IEM	To XLR Feed for IEM
Aux 2	Piano Wedge	To Power Amp
Aux 3	Stage Center Wedge	To Power Amp
Aux 4	Bass IEM	To XLR Feed for IEM
Aux 5	Guitar IEM	To XLR Feed for IEM
Aux 7	Mono Delay	Built in FX or External Unit
Aux 8	Reverb L	Built in FX or External Unit
Aux 9	Reverb R	Built in FX or External Unit

Channel List – Mix Busses (All busses listed here are stereo busses):

Name	Includes Channels / Busses
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Drums	1-3, 9+10
Toms	4-8
Bass	11
Guitars	12-14
Piano	15-16
Backing Vocals	17-19
Lead Vocals	20+31
Tracks	36-42
Effects	32-35
FOH	All above mix busses routed to this master bus and then sent to speakers

Stage Plan



Staging

Preferred Stage size

8m Wide

8m Deep

Rear Catwalk:

8m Wide

1.5m Deep

1m High

At rear of stage – as close to back wall as possible

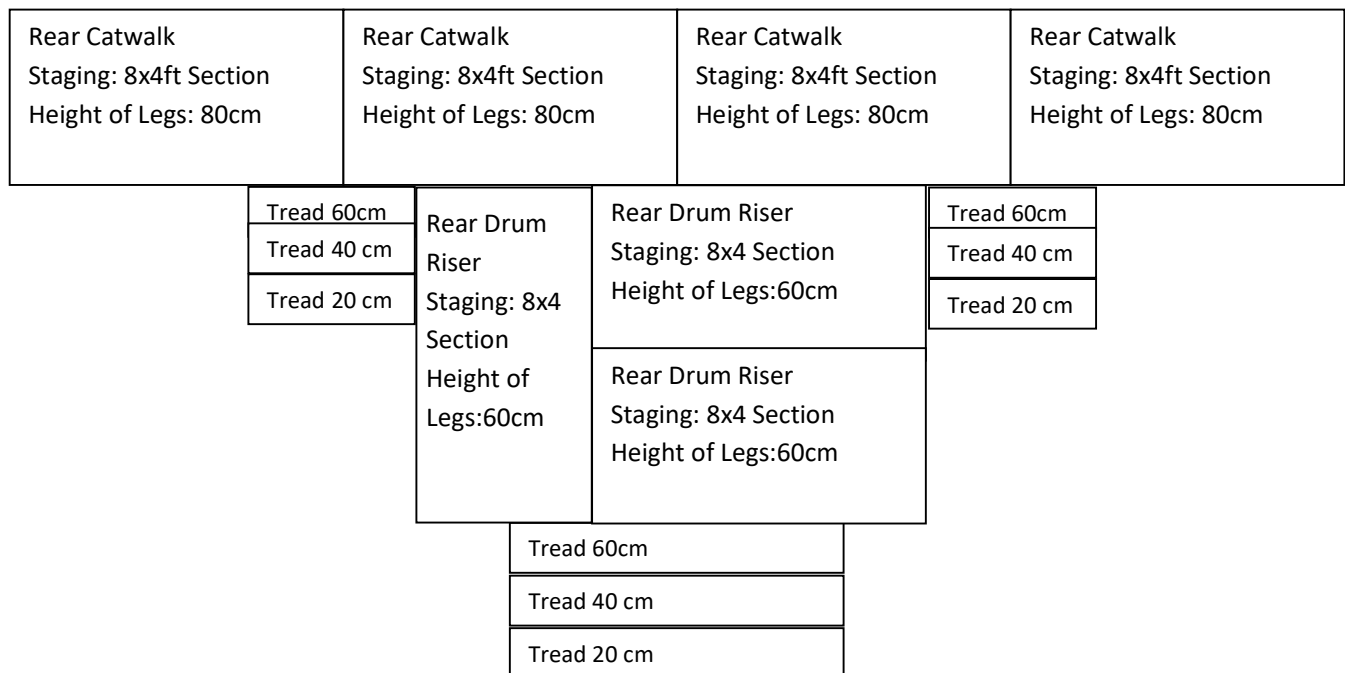
2 sets of steps to this riser at either side of the drum riser are required

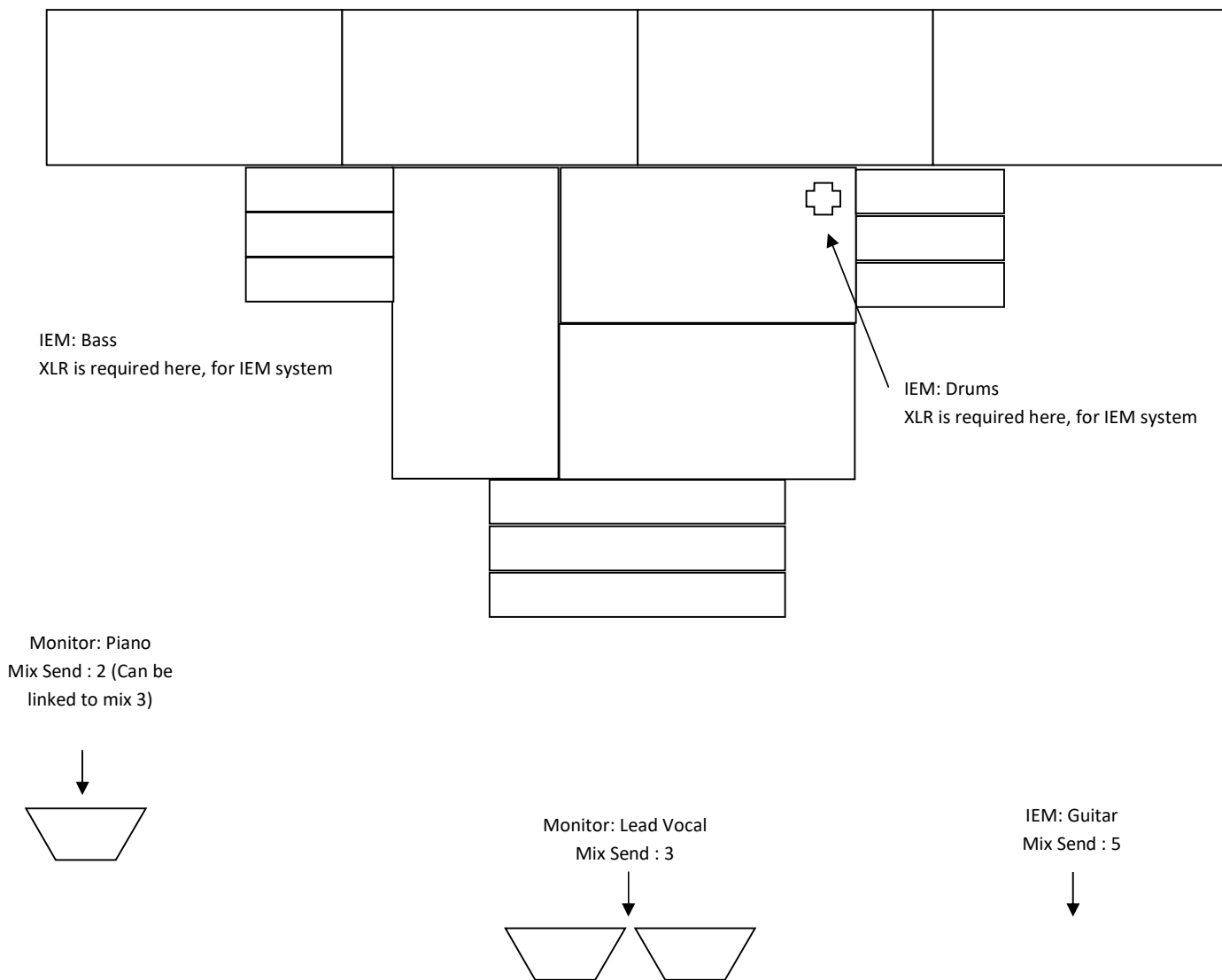
Drums Riser:

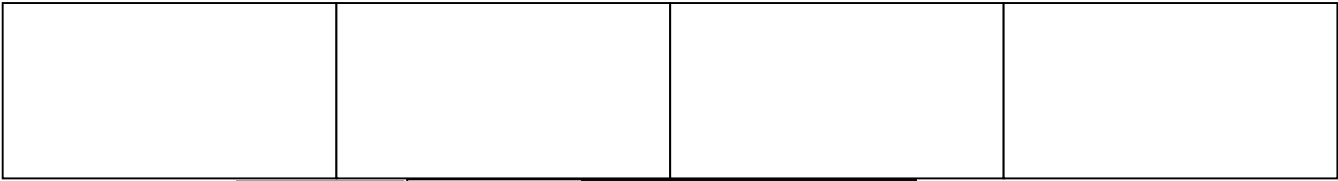
Minimum 2.5m x 3 riser with a height of 0.4m

Placed as close to the rear riser as possible and centered in the stage.

A small step in front of the drum riser of the same width as the riser at a height of 20cm (approx) is also required please.







Power for: Bass Wireless
& IEM
13 Amp Socket
Required: 2



Power for: Guitar Cabs
13 Amp Socket
Required: 4

Power for: Piano &
Tablet
13 Amp Socket
Required: 6



Power for: Headphone
amp 13 Amp Socket
Required: 2

Power for: Guitar Pedals
13 Amp Socket
Required: 4

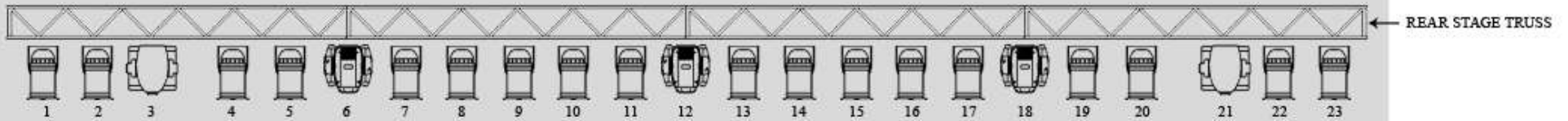


Suggested Lighting

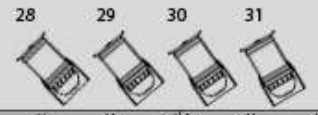
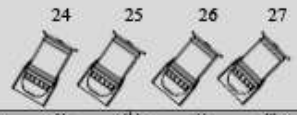
Items Required:

Item Required	Quantity
Par 64 (500w)	8
Par 64 (1000w)	36
Par 56 (300w)	12
4 Block Blinder (1000w)	6
Martin Mac 600 Wash	8
Martin Mac 700 Profile	7
Selecon Profile Zoomable with Blades (650w)	11
Avolites Pearl 2010	1 (Only required for events outside of the UK, we will supply when in the UK)
DMX Universe Distribution Amplifier (2 Universes)	8 (Normally 2 Per Bar – but happy to work with whatever is suitable for the venue)
Dimmer Channel (Avolites preferable)	73

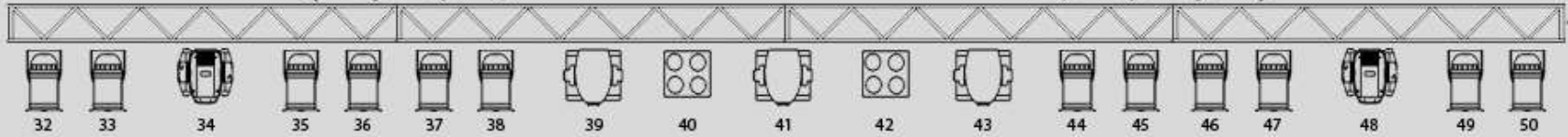
Please note that this is the ideal design, obviously we do understand that in some situations that these specifications may not be able to be met.



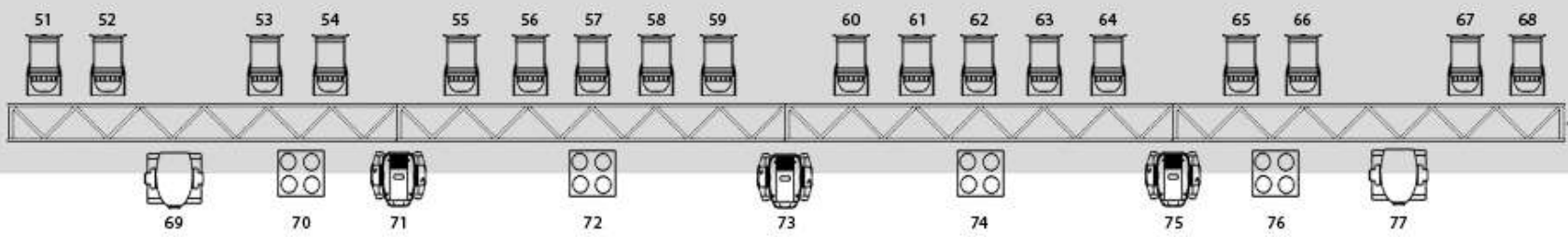
← REAR STAGE TRUSS



← STAGE



← MID STAGE TRUSS



← FRONT STAGE TRUSS



← FOH TRUSS

Identities:

Please use the table shown below to see where we would like all the lighting to be patched and also the gel colors required.

Number Ref	Required Unit	DMX Universe A Address	DMX Universe B Address	Gel Color	Moving Head Mode
1	Par 64 – 1000w	1		Red	
2	Par 64 – 1000w	2		Open	
3	Mac 700 Profile		200		Extended
4	Par 64 – 1000w	3		Blue	
5	Par 64 – 1000w	4		Purple	
6	Mac 600 Wash		1		DMX Mode 2
7	Par 64 – 1000w	5		Red	
8	Par 64 – 1000w	6		Open	
9	Par 64 – 1000w	7		Blue	
10	Par 64 – 1000w	8		Purple	
11	Par 64 – 1000w	9		Orange	
12	Mac 600 Wash		20		DMX Mode 2
13	Par 64 – 1000w	10		Orange	
14	Par 64 – 1000w	11		Purple	
15	Par 64 – 1000w	12		Blue	

16	Par 64 – 1000w	13		Open	
17	Par 64 – 1000w	14		Red	
18	Mac 600 Wash		40		DMX Mode 2
19	Par 64 – 1000w	15		Purple	
20	Par 64 – 1000w	16		Blue	
21	Mac 700 Profile		230		Extended
22	Par 64 – 1000w	17		Open	
23	Par 64 – 1000w	18		Red	
24	Par 64 – 500w	19		Red	
25	Par 64 – 500w	20		Open	
26	Par 64 – 500w	21		Blue	
27	Par 64 – 500w	22		Purple	
28	Par 64 – 500w	23		Purple	
29	Par 64 – 500w	24		Blue	
30	Par 64 – 500w	25		Open	
31	Par 64 – 500w	26		Red	
32	Par 56 – 300w	27		Red	
33	Par 56 – 300w	28		Open	
34	Mac 600 Wash		60		DMX Mode 2
35	Par 56 – 300w	29		Blue	
36	Par 56 – 300w	30		Purple	

37	Par 56 – 300w	31		Red	
38	Par 56 – 300w	32		Open	
39	Mac 700 Profile		260		Extended
40	Blinder – 4 Block	57		Open	
41	Mac 700 Profile		290		Extended
42	Blinder – 4 Block	58		Open	
43	Mac 700 Profile		320		Extended
44	Par 56 – 300w	33		Open	
45	Par 56 – 300w	34		Red	
46	Par 56 – 300w	35		Purple	
47	Par 56 – 300w	36		Blue	
48	Mac 600 Wash		80		DMX Mode 2
49	Par 56 – 300w	37		Open	
50	Par 56 – 300w	38		Red	
51	Par 64 – 1000w	39		Red	
52	Par 64 – 1000w	40		Open	
53	Par 64 – 1000w	41		Blue	
54	Par 64 – 1000w	42		Purple	
55	Par 64 – 1000w	43		Red	
56	Par 64 – 1000w	44		Open	
57	Par 64 – 1000w	45		Blue	

58	Par 64 – 1000w	46		Purple	
59	Par 64 – 1000w	47		Orange	
60	Par 64 – 1000w	48		Orange	
61	Par 64 – 1000w	49		Purple	
62	Par 64 – 1000w	50		Blue	
63	Par 64 – 1000w	51		Open	
64	Par 64 – 1000w	52		Red	
65	Par 64 – 1000w	53		Purple	
66	Par 64 – 1000w	54		Blue	
67	Par 64 – 1000w	55		Open	
68	Par 64 – 1000w	56		Red	
69	Mac 700 Profile		350		Extended
70	Blinder – 4 Block	59		Open	
71	Mac 600 Wash		100		DMX Mode 2
72	Blinder – 4 Block	60		Open	
73	Mac 600 Wash		120		DMX Mode 2
74	Blinder – 4 Block	61		Open	
75	Mac 600 Wash		140		DMX Mode 2
76	Blinder – 4 Block	62		Open	
77	Mac 700 Profile		380		Extended
78	Selecon Profile 650w	63		Open	

79	Selecon Profile 650w	64		Open	
80	Selecon Profile 650w	65		Open	
81	Selecon Profile 650w	66		Open	
82	Selecon Profile 650w	67		Open	
83	Selecon Profile 650w	68		Open	
84	Selecon Profile 650w	69		Open	
85	Selecon Profile 650w	70		Open	
86	Selecon Profile 650w	71		Open	
87	Selecon Profile 650w	72		Open	
88	Selecon Profile 650w	73		Open	

Thank you for taking the time to accommodate the above lighting specification. We do realize that this is a large specification and are very grateful for every effort that you are able to make to get your system to this specification.

FOH Position:

All lighting will be controlled from the FOH position, right behind the sound position. Ideally the lighting position will be raised 1ft higher than the sound position to enable clear sight lines to the stage. Please allow at least 12ft wide and adequate depth for the FOH position which should be a central position.

Once again many thanks in advance for all your hard work to accommodate these requests. Please do not hesitate to contact us should there be any problems accommodating the above.

Catering Rider -

A hot meal should be provided for the band and crew shortly after sound-check. If no sound-check is required, then please liaise with the band regarding meal times.

A minimum of 8x 500ml of bottled mineral water.

Tea and Coffee (of making facilities) from arrival to load out.

8x cans or bottles of known commercial lager beer.

4x cans of cola.

Light snacks.

Accommodation

If it has been agreed that that client provides overnight accommodation, the requirements are as follows:

Minimum 4 star hotel or B & B that includes breakfast.

A minimum of 4 double bedrooms.

Parking for one large van and one small van.

If the band are checking in themselves then a 24 hour reception is required.

Should any of these requirements not be met, the band should be contacted as soon as possible to discuss alternatives.

Kevin, 020 8685 1721. email: info@thebohemians.com