

## Technical Specification (September 2018 v5.1)

Theatre and Technical Manager: **Phil Pattie**

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Please contact the theatre manager to discuss any technical requirements or hire of equipment prior to your hire.

### Stage information

Flat stage with black harlequin floor

#### Stage Dimensions: (including wing space):

Width: 11400mm

Depth: 5630mm

Height of Stage (from auditorium floor): 558mm

#### Proscenium Arch:

Width: 9800mm

Height: 3670mm

#### Usual Performance Space:

Width: 9800mm

Depth: 5630mm

#### Max Height on Stage (From stage floor):

Height: 4020mm

### Loading In/Out

Please note, we have no ramps, trolleys or lifting equipment

#### Backstage Dock Door: (stage level)

Width: 1480mm

Height (from stage level): 2130mm

Height (from outside ground level to bottom of door): 672mm

#### Auditorium Load in Door: (ground level)

Width: 1580mm

Height: 2010mm

Height (from floor to stage level): 558mm

## Dressing Rooms

There are two main dressing rooms both located on the first floor. Each of these dressing rooms have video relay, show relay and a paging system installed. Additional dressing rooms can be provided but this must be prearranged with the theatre manager and may incur a cost. Please note we have a shower onsite, however we do not provide towels.

## Theatre

The theatre seats 300 people (flat and tiered seating), 400 standing or 80 in a cabaret environment with tables and chairs. The seats can be packed away to create a flat floor environment with the aid of an electrical seating system. The theatre has an infrared assisted listening system for the hard of hearing.

## Lighting Equipment and Information

All of our lighting bars are static and there are no flying points in the venue.

Other equipment is available to be hired in at an additional charge.

Our standard rig colour washes are: **L105**, **L106**, **L126**, **L132**, **L139**, **L152**

### Control:

1x Zero 88 Leap Frog (96 channels) with external touch screen

### Circuits:

3x Zero 88 Chilli Dimmers (24 channels each)

72x 2kw circuits

### Stage Bars:

LX Bar 1 – 8x 15a circuits (I.W.B), 2x 16a non-dims, 1x DMX Female, SWL 140KG

LX Bar 2 – 8x 15a circuits (I.W.B), 2x 16a non-dims, 1x DMX Female, SWL 140KG

LX Bar 3 – 8x 15a circuits (I.W.B), 2x 16a non-dims, 1x DMX Female, SWL 140KG

### Front of House Bars:

FOH 1 – 8x 15a circuits (I.W.B) 2x 16a non-dims, 1 DMX Female, SWL 200KG

FOH 2 – 8x 15a circuits (I.W.B) 2x 16a non-dims, 1x CAT 5, 1x Composite Video, SWL 200KG

FOH SIDE 1 – 4x 15a circuits (I.W.B) 1x 16a non-dims, 1x DMX Female (House right), SWL 80KG

FOH SIDE 2 – 3x 15a circuits (I.W.B) 1x 16a non-dims, 1x DMX Female (House right), SWL 60KG

FOH SIDE 3 – 8x 15a circuits (I.W.B) 1x 16a non-dims, 1x DMX Female (House left), SWL 70KG

### DIPS:

4x 15a circuits DSL

4x 15a circuits USL

4x 15a circuits DSR

4x 15a circuits USR

### Generic Fixtures:

6x CCT Minuette 18°-57°

12x Strand Cantata PC 1kW

3x Source 4 JNR 25°-50°

4x Source 4 36°

6x Source 4 Zoom 15°-30°

2x Source 4 Zoom 25°-50°

16x PAR64 Long Nose (CP62)

4x PAR64 Short Nose Floorcan (CP62)

8x Source 4 PAR

4x Selecon 500w HUI Flood

4x Selecon 500w HUI Flood (House Lights)

2x Pinspot

**Intelligent Fixtures**

4x Martin Mac 250+  
2x Martin Mac 300  
20x RGB LED Pars  
2x IMG Beam-40/WS  
8x Showtec Shark Spot One

**Effects:**

1x HQ Power Haze Machine  
2x Showtec Star Drape RGB 6x4m  
1x Atmotech VS1500 Smoke Machine

**Sound Equipment and Information**

Other equipment is available to be hired in at an additional charge

**Mix Position:**

If you require a mix position in the auditorium and not in our control room, this must be advised before the event goes on sale as 8 seats will be removed from sale (Seats K12-15 & J10-13). A 2x1m riser on tall legs will be provided as a desk with 1x 4way 13a block situated at this position. There are cable hooks located along house left wall for touring multicore. Approx. 30m required to DSR.

**Front of House:**

2 x Mackie Thump 15a Powered Full Range  
2 x Mackie Thump 18s Powered Subwoofers

**Monitoring:**

2x Turbosound TXD 12M Monitors  
2x Turbosound TXD 121 Mid/Highs  
2x QSC PLX 1802 Amplifier

**Mixing Desk:**

Soundcraft MFXi20 20 channel with built in 24-bit Lexicon Effects  
Presonus Studiolive 16.0.2 Digital Desk  
Allen & Heath GL2400 14 channel

**Outboard Equipment:**

1x Behringer Ultragraph Pro FBQ3120 (2 channels)  
1x Behringer Virtualizer Pro  
1x Samson Powerbite Pro 10 Power Distribution Unit

**Playback:**

1x iMac 2012 operating Qlab  
1x Tascam CD-200 CD Player  
1x Denon DN-C635 CD Player

**Microphones:**

6x Shure SM58  
4x Shure SM57  
4x Shure PG81  
1x Shure PGDMK6 (6 Piece drum mic kit)

**Radio Microphones:**

4x Sennheiser EW100 G3 Radio Mic  
1x Sennheiser EW100 Antenna Distribution Unit  
2x Sennheiser G2 EW100 Handhelds  
1x Pulse wireless Handheld

**DI Boxes:**

4x Behringer 2-channel DI20 DI-Box  
4x Pulse DIB-1P DI-Box

**Microphone Stands:**

8x K&M Tall Boom Microphone Stands  
2x K&M Short Boom Microphone Stands

## Audio Visual

Other equipment is available to be hired in at an additional charge

**Projector:**

1x Epson EB-G7800

**Lens:**

1x ELPLW05-Short Throw  
1x ELPLM10- Zoom

**Screen:**

1x Motorised Harkness Hall Major Pro 4m x 4m (Attached to front of proscenium)  
1x 3m x 2m Fastfold, Freestanding (or flown on US tab track)

**Playback:**

1x Denon DN-v110 Pro DVD Player  
1x Windows 7 Laptop with Microsoft Office  
1x iMac 2012 operating Qlab

**Outboard:**

2x Startech VGA – CAT 5 (2 x local, 1x remote unit)  
1x Kramer Video SXGA/HD scaler  
1x Kramer Video VP728 Input scaler

## Facilities Panels

**DSR:**

6x XLR F (to control room)  
2x Speakon Outputs (from control room)  
2x CAT 5 (1x to control room; 1x to FOH 2 (Projector))

**DSL:**

7x XLR F (to control room)  
2x Speakon Outputs (from control room)  
1x DMX Female  
1x CAT 5 (to control room)

## Stage Management

Prompt desk is situated DSR and has a lamp, video relay monitor and paging mic to backstage

**Staging/Risers:**

8x Wooden black topped - 2m x 1m (30cm or 50cm legs)

**Communications:**

- 1x Tecpro Master Station (located in control box)
- 3x Tecpro Single Ring Beltpacks (sound desk, lighting desk, prompt desk)
- 3x Tecpro Single Muff Headsets
- 6x Mitex 5w UHF PMR Radios with earpiece

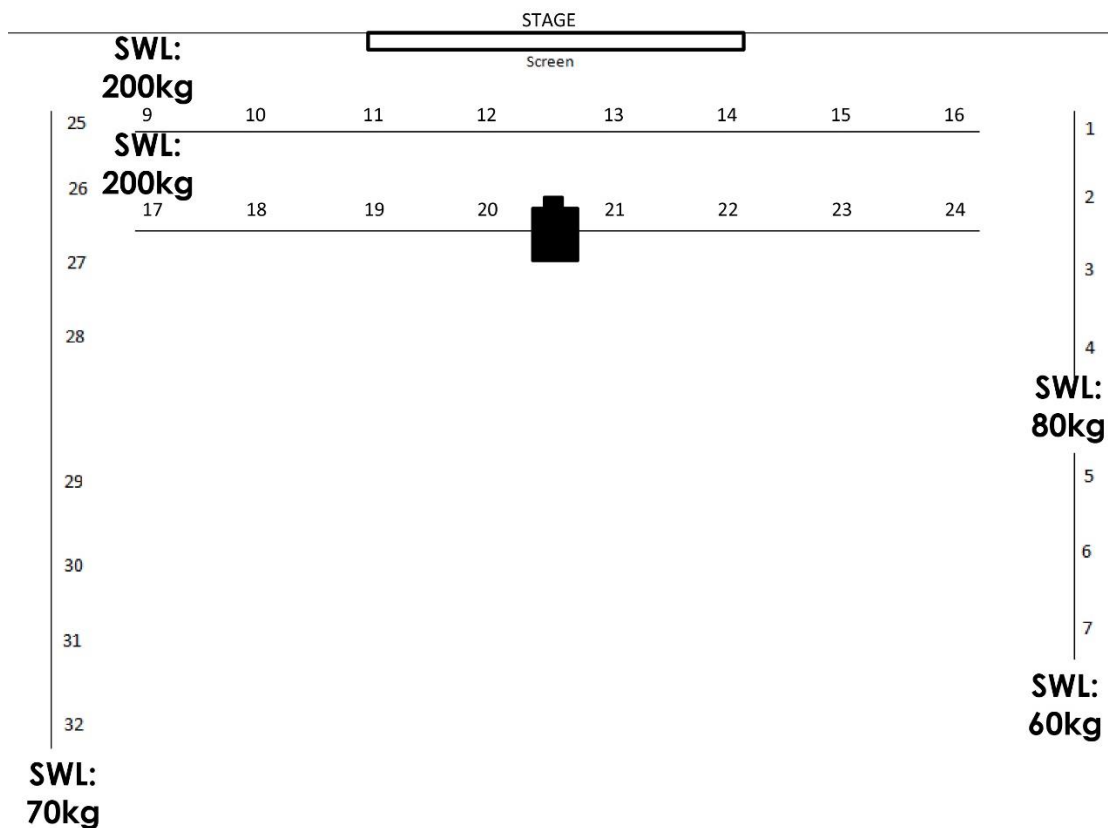
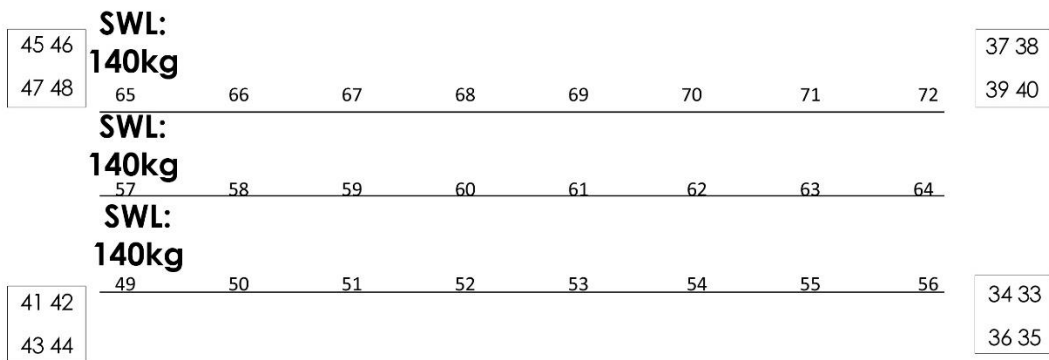
**Tabs:**

- 2x FOH Tabs - 5.5m x 3.8m
- 6x Legs 1.5m - x 4.2m
- 2x Showtec Star Drape RGB 6x4m (US)

**Onstage Power:**

- 2x Twin 13a Socket SR
- 3x Twin 13a Socket SL
- 1x 63a 3 Phase Socket SR
- 1x 32a 1 Phase Socket SR

**Safe Working Loads**

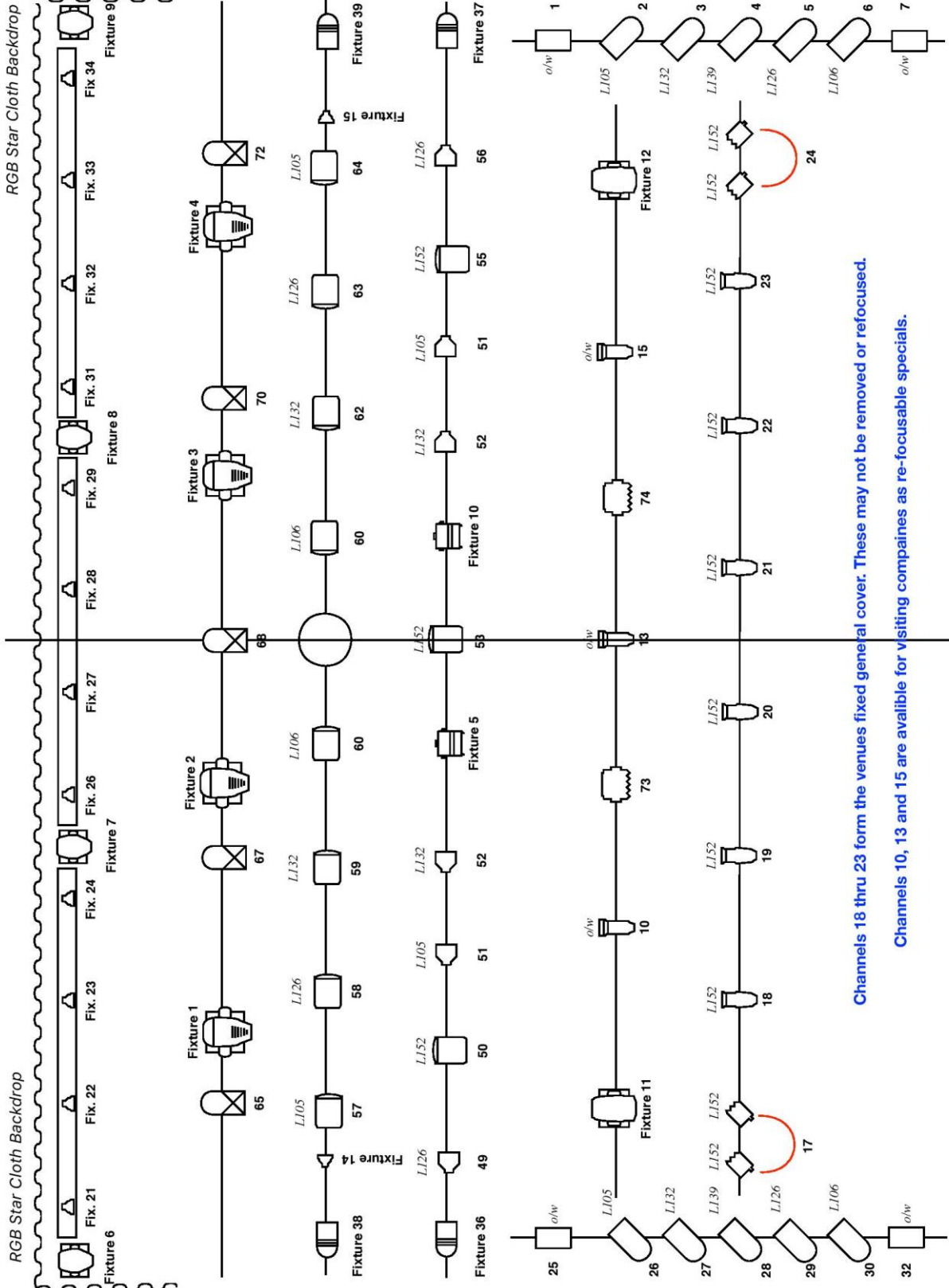


**Other Circuits:**

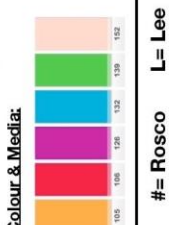
- Haze- Fixture 19 (2 Channel)
- Smoke- Fixture 20 (1 Channel)
- SL Starcloth- Fixture 16 (10 Channel Mode)
- SR Starcloth- Fixture 17 (10 Channel Mode)
- Mirror Ball Rotator- 61 (1.5 RPM)
- GRB LED Tape- 75 - 55

**Revisions:**

5.1 - Colours and Circuits Updated



**Colour & Media:**



# = Rosco L = Lee F = #132 f = #119

**Key:**

- ETC 25-50° Source Four Zoom
- ETC 15-30° Source Four Zoom
- ETC 25-50° Source Four Junior Zoom
- Selecon Hui 500W (Single)
- Sitrand Cantata FC
- CCT Minulette Fresnel
- ETC Source 4 Par (MFL)
- Par 64- Long Nose (CP62)
- LED Par 56 (RGB)
- IMG Moving Pinspot (7 Channel)
- LED Par 36 (RGBW)
- Martin Mac 300 Wash (Mode 4)
- Martin Mac 250+ Spot (Mode 4)
- Showtec Shark Spot One (Ext. Mode)

Channels 18 thru 23 form the venues fixed general cover. These may not be removed or refocused.

Channels 10, 13 and 15 are available for visiting companies as re-focusable specials.

Martin Mac 250+ (Mode 4)	
Chnl	Function
1	Shutter/Strobe/Reset
2	Dimmer
3	Colour
4	Gobo
5	Gobo Rotation
6	Focus
7	Prism
8	Pan
9	Pan Fine
10	Tilt
11	Tilt Fine
12	P/T Speed
13	Effects Speed

Martin Mac 300 (Mode 4)	
Chnl	Function
1	Shutter/Strobe/Reset
2	Dimmer
3	Cyan
4	Magenta
5	Yellow
6	Colour
7	Frost
8	Pan
9	Pan Fine
10	Tilt
11	Tilt Fine
12	P/T Speed
13	Effects Speed

IMG Stageline Beam-40/WS	
Chnl	Function
1	Pan
2	Pan Fine
3	Tilt
4	Tilt Fine
5	P/T Speed
6	Dimmer
7	Strobe

LED Par 36 (RGBW)	
Chnl	Function
1	Red
2	Green
3	Blue
4	White
5	Dimmer

Atmotech VS1500 Smoke Machine	
Chnl	Function
1	Output

HQ Power Haze Machine	
Chnl	Function
1	Fan Speed
2	Output

Showtec Stardrape RGB	
Chnl	Function
1	Programs '0'/Dimmer '1-255'
2	Strobe
3	Programs A
4	Programs B
5	Program Speed
6	Red
7	Green
8	Blue

Chauvet Slim Par 56	
Chnl	Function
1	Red
2	Green
3	Blue

LED Strip Tape	
Chnl	Function
1	Green
2	Red
3	Blue

Showtec Shark Spot One	
Chnl	Function
1	Pan
2	Pan Fine
3	Tilt
4	Tilt Fine
5	P/T Speed
6	Dimmer
7	Shutter/Strobe
8	Colour Wheel
9	Gobo Wheel & Shake
10	Gobo Rotation
11	Focus
12	Prism
13	Programs
14	Functions

Mirror Ball Rotator	
Chnl	Function
1	Rotate (1.5 RPM)

**DMX Channel List**
*(Universe 1)*

<b>Fixture No</b>	<b>Make</b>	<b>Model</b>	<b>Channels</b>	<b>Location</b>	<b>Address</b>
-	Generic	See Lighting Plan	1 - 72	-	-
1	Martin	Mac250+ (Mode 4)	13	Bar 3 SR	100
2	Martin	Mac250+ (Mode 4)	13	Bar 3 CSR	120
3	Martin	Mac250+ (Mode 4)	13	Bar 3 CSL	140
4	Martin	Mac250+ (Mode 4)	13	Bar 3 SL	160
11	Martin	Mac300 (Mode 4)	13	FOH 1 SR	180
12	Martin	Mac300 (Mode 4)	13	FOH 1 SL	200
6	Showtec	Shark Spot One	14	Portable/USR	310
7	Showtec	Shark Spot One	14	Portable/USCR	324
8	Showtec	Shark Spot One	14	Portable/USCL	338
9	Showtec	Shark Spot One	14	Portable/USL	352
5	IMG Stageline	Beam-40/WS	7	Bar 1 CSR	290
10	IMG Stageline	Beam-40/WS	7	Bar 1 CSL	300
38	Chauvet	Slim Par 56	3	Bar 1 SR	236
39	Chauvet	Slim Par 56	3	Bar 1 SL	239
36	Chauvet	Slim Par 56	3	Bar 2 SR	230
37	Chauvet	Slim Par 56	3	Bar 2 SL	233
14	-	LED Par36 (RGBW)	5	Bar 2 SR	368
15	-	LED Par36 (RGBW)	5	Bar 2 SL	376
21	-	LED Par36 (RGBW)	5	USR Beam 1	400
22	-	LED Par36 (RGBW)	5	USR Beam 2	408
23	-	LED Par36 (RGBW)	5	USR Beam 3	416
24	-	LED Par36 (RGBW)	5	USR Beam 4	424
26	-	LED Par36 (RGBW)	5	USC Beam 1	432
27	-	LED Par36 (RGBW)	5	USC Beam 2	440
28	-	LED Par36 (RGBW)	5	USC Beam 3	448
29	-	LED Par36 (RGBW)	5	USC Beam 4	456
31	-	LED Par36 (RGBW)	5	USL Beam 1	464
32	-	LED Par36 (RGBW)	5	USL Beam 2	472
33	-	LED Par36 (RGBW)	5	USL Beam 3	480
34	-	LED Par36 (RGBW)	5	USL Beam 4	488
-	Showtec	Stardrape RGB	10	USR Tab Track	260
-	Showtec	Stardrape RGB	10	USL Tab Track	270
-	HQ Power	600W Haze Machine	2	MSL Wing	500
-	Atmotech	VS1500 Smoke	1	DSL Wing	502
-	Elumen8	2 Cell Blinder	1	FOH 1 SR	73
-	Elumen8	2 Cell Blinder	1	FOH 1 SL	74
-	-	LED Strip Tape (GRB)	3	Portable/USC/Riser	75



## Seating Plan

300 Seats

Please note row AA, BB, CC, DD and A are on floor level



### FLAT SEATING



### TIERED SEATING

