

Technical Specification

Headlines:

No fixing/screwing to stage floor.

Lighting focus is normally from genie. If using the tallescope you will need three persons minimum for the focus. Max platform height for tallescope is 4.2 metres so you may have to trim bars below max height to use scope.

Please see loading and parking document for details on access

The normal contract is for there to be one technician on duty to assist but not to operate shows.

Please contact the technical manager well in advance to arrange extra crew and lighting/sound operators.

Control:

ETC ION with 2 x 20 fader wing with 2 touch screens and an Ipad touch for riggers remote

138 Robert Juliat Tivoli Dimmer and 12 Zero 88 dimmers

Desk dmx 1 connected to Tivoli racks.

Desk dmx 2 connected to onstage buffer and 12 dimmers located stage right.

Lanterns:

16 E.T.C. Source 4 Zoom 15/30 750w

20 E.T.C. Source 4 Zoom 25/50 750w

16 Pacific 12/28 zoom Profile 600w

10 Pacific 26/50 zoom Profile 600w

6 Acclaim 650w zoom Profile

4 Vision 2500w Fresnel

20 R Juliat 1.2kw Fresnel

12 Strand Cantata Fresnels

12 Acclaim 650wt P.C. c/w Barn doors

6 Acclaim 650wt Fresnel c/w Barn doors

30 Thomas 1kw CE Par-cans (cp62)

8 Thomas 1kw CE Floor-cans (cp62)

12 Selecon 1000w cyc Floods

2 R Juliat Cricket 1.2kw Follow spots.

We have a good supply of 16amp cable and splitters.

Other:

1 Jem ZR12 DMX Smoke Machine.

Sound Equipment:

Pianos:

Please notify the Technical Manager at least 2 weeks prior to your event if you require the piano and for it to be tuned. Use of the piano is free but the cost of the tuning will be recharged.

1 Steinway Model C

1 Boston Upright Piano

Front of House Audio System:

Yamaha QL5

64 x mono, 8 x stereo, Buses: 16 mix, 8 matrix Local I/O: 32 in / 16 out,

Fader configuration: 32 + 2 (Master) with 100 mm Motorized Faders

Main stage box - Yamaha Rio digital stage box

32 sends + 16 returns

Extra stage box - Yamaha SB168-es digital stage box

16 sends + 8 returns

1 Stage left analogue

8 sends + 4 returns

1 Stage right analogue

8 sends + 4 returns

Main PA

6 UPA-1P Active Meyer Speakers all flown configured Left/Centre/Right

2 UPW Active Meyer Sub Bass Speakers on the floor

1 Xilica XP 8080 Speaker Controller

Auditorium Fills

- 2 Meyer UPM delays
- 4 Meyer UPM fills sitting on subs for front row.

Stage monitors:

- 8 L Acoustic X12
- 2 L Acoustic X8
- 2 L Acoustic LA4X - four channels of amplification per amp for L Acoustic speakers only – 8 mixes total.
- 3 Yamaha P3200 Amplifiers (340watts per channel at 8ohms)
- 6 Meyer UPM
- 2 12 Inch active subs with inbuilt adjustable crossover

Playback & Effects:

- 1 Mini mac computer for preshow and house announcements

Microphones:

- 2 Neumann KMS 105BK
- 2 Shure Beta 58
- 7 Shure SM 58
- 2 Shure Beta 57A
- 2 Shure SM57
- 6 DPA 4099
- 6 Sennheiser E614
- 4 Sennheiser E604
- 1 Sennheiser E902
- 2 AKG C1000s Condenser Mics.
- 2 DPA 4000 Series Mics.
- 4 Beyer Dynamic MCE 86N Rifle Mics.
- 1 Audio-technica Pro45 hanging condenser microphone.
- 1 MXL 2001 Large Diaphragm Studio condenser microphone

Wireless equipment available at extra cost:

- 8 Sennheiser ew500 Radio Mic. Receivers
- 8 Sennheiser ew500 Transmitter Packs.
- 8 Sennheiser MKE 2-ew-3 Gold Lapel mic beige
- 2 Sennheiser ew500 Handheld Radio Mics.
- 2 Sennheiser MKE 2 EW lapel mic black

Other sound equipment:

- 8 Radial Pro48 active single channel di box
- 3 Radial ProD2 passive stereo di box
- 2 EMO passive di box
- 12 Tall Mic Stands
- 8 Medium Mic Stands
- 4 Table stands.
- 30 XLR cables of various lengths

Stage Information

Basic Stage Dimensions:

Normal playing width accounting for masking	9.5 metres
Normal playing depth line to back wall	7.8 metres
Distance from upstage of pros wall to back wall	8.0 metres
Lip of stage to back wall of stage	8.7 metres
Max pros opening if curtains are tied up	12.08 metres
Lip of stage to front row of seats	1.85 metres
Access width between stage and scene dock	1.55metres
Max trim height to hemp bars	6.7 metres
Max trim height to Lighting trusses	6.6 metres

Flying system consists of 2 lighting trusses front house, 4 lighting trusses onstage and 17 hemp lines bars onstage. Lighting trusses SWL 400kg(including trusses and IWB's) Hemps bars SWL 200KG

Height Access:

Please consult with the Technical Manager prior to your arrival as some types of height access will require extra staff to operate safely.

1	Genie GR 20 runabout	(can be operated by house crew or those with the relevant cert)
1	Tallescope 50512	(may require extra staff and reduced trim height) platform height 4.2metres
2	Zarges Skymaster	1 x 12rung and 1 x 14 rung -
2	smaller step ladders	

Communication:

1 No.	Power Supply	SA-CPS2
1 No.	Relay Microphone (rigged over stage)	
4 No.	Single Channel Belt packs	
4 No.	Single Muff Headset	SA-CMS1
1 No.	Cue Light Base Station	SA-QL8
6 No.	Cue Light Out Station	SA-QLOS

Drapes/Masking

1	Graphite coloured House Curtains
1	Graphite coloured Border
2	B.W.S Full Split Black traveling tabs 7m wide x 6.8m drop
4	B.W.S. Masking Borders 1m Drop
1	B.W.S. Masking Borders 2m Drop
12	Black Masking Legs 2m wide x 6.5metres drop
1	Filled Cyclorama Cloth

Stage Equipment:

1	13 metre x 9 metre Vinyl Dance Floor
10	Stage Braces
24	Stage weights
8	Boom bases
8	2.5 metre pipes
5	5 metre pipes
1	6 metre pipe

We have a selection of other pipe of various lengths. You should check prior to your arrival.

Laundry:

- 1 6.5 kg washing machine, token operated but free
 - 2 large dryer
 - 1 iron
 - 1 ironing board
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