

## Technical Specification

### Headlines:

No fixing/screwing to stage floor

Focus is normally from genie. If using the tallelescope you will need three persons minimum for the focus

Please see loading and parking document for details on access

The normal contract is for there to be one technician on duty at all times.

Please contact the technical manager 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 System:

1 Yamaha LS9, 32 channel digital mixing console.

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

2 UPM Active Meyer Speakers acting as delays in the rear of the auditorium

2 UPW Active Meyer Sub Bass Speakers on the floor

1 Xilica XP 8080 Speaker Controller

#### Stage monitors and fills available:

8 Monitors - Turbosound Impact 121 (12inch speakers, 200watts rms, 400watts program)

3 Yamaha P3200 Amplifiers (340watts per channel at 8ohms)

10 Fills - UPM Meyer Speakers ( tweeter with two 5 inch woofers)

2 12inch active subs with inbuilt adjustable crossover

**Playback & Effects:**

- 1 mac computer for preshow and house announcements
- 2 Denon Dnc 630 C.D. Player
- 2 Denon Dnm 2000R Mini Disc Player (please request in advance)

**Microphones:**

- 2 Shure Beta 58
- 7 Shure SM 58
- 2 Shure Beta 57A
- 2 Shure SM57
- 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 Mics
- 2 Sennheiser ew500 Hand Held Radio Mics.

**Other sound equipment:**

- 3 Radial ProD2 passive stereo di box
- 2 EMO passive di box
- 1 Art accessories Dual X active stereo di box
- 12 Tall Mic Stands
- 8 Medium Mic Stands
- 4 Table stands
- 30 Xlr cables of various lengths

**Stage boxes:**

- |   |                                   |                      |
|---|-----------------------------------|----------------------|
| 1 | Stage left                        | 16 sends + 4 returns |
| 1 | Stage right                       | 8 sends + 4 returns  |
| 1 | Yamaha SB168-es digital stage box | 16 sends + 8 returns |

**Stage Information**
**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)
- 1 Zarges Skymaster Z600 3x12rung a frame ladder
- 2 smaller step ladders

**Stage Size:**

See drawings and grid specification available on website.

**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	Pair of Black velvet House Curtains
1	Black velvet Border
2	B.W.S Full Split Black traveling tabs 6.5m wide x 5.95m drop
4	B.W.S. Masking Borders 1m Drop
1	B.W.S. Masking Borders 2m Drop
12	Black Masking Legs 2m wide x 5.95m 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

---