



## **Technical Specifications**

As of 3<sup>rd</sup> March, 2009

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## **STAGE**

### **Brief Stage Description:**

Slightly raked stage with parquet flooring finished in matt black. Stage crossover located behind US tabs or US wall.

### **Stage Dimensions:**

#### **Proscenium**

Width                    13.6 Metres  
Height                   5.8 Metres

#### **Setting Line**

The setting line is located 20mm US of the proscenium.

#### **Distance From** (*SL = Setting Line, CL = Centre Line*)

SL to DS edge of apron	3.5 m
SL to first fly line	310 mm
SL to last upstage fly line	4.15 m
SL to rear wall	4.93 m
CL to OP wall (or obstruction)	7.2 m
CL to PS wall (or obstruction)	7.9 m
Stage to underside of roof	6.8 m @ LX2 (raked roof)

## **Auditorium:**

Seating capacity is 1,000 persons on main floor level and raised sections combined.

Main floor level is a flat, polished parquet surface. All seating is set-up according to standard plans, and consists of individual chairs.

## **Flying Facilities:**

### **Fly System**

All are LX bars. 2 Motor Winch bars FOH and 3 hand winch bars over stage.

### **Fly System Details**

Operating Position            **FOH: PS – Behind Proscenium**  
   **Onstage: OP – Behind Proscenium**

Total number of Lines    **5**

## **Hanging Plot:**

SL: Setting Line as indicated previously

Line Type: **SP** = Single purchase, **DP** = Double purchase, **MW** = Motor Winch, **HW** = Hand Winch, **HL** = Handline

SWL: Maximum Distributed weight load

<b>Line #</b>	<b>Distance from SL</b>	<b>Line Type</b>	<b>SWL</b>	<b>Venue Allocation</b>
FOH 1	4500 mm	MW	600 Kg	FOH 1 (LX)
FOH 2	8600 mm	MW	600 Kg	FOH 2 (LX)
LX 1	310 mm	HW	250 Kg	LX 1
LX 2	2100 mm	HW	250 Kg	LX 2
LX 3	4150 mm	HW	250 Kg	LX 3

## **Drapery:**

Note: All drapery is fixed, and cannot be moved.

<b>*Type</b>	<b>Material</b>	<b>Colour</b>	<b>Width</b>	<b>Height</b>	<b>Quantity</b>
House Curtain	Velvet	Ruby Red	18.2 m	6.6 m	1
Borders	Velvet	Ruby Red	18.2 m	1.5 m	1
	Wool	Black	18.2 m	1.5 m	2
Legs	Wool	Black	3 m	6.3 m	4
US Tabs	Wool	Black	18.2 m	6.3 m	1

## **Access Equipment:**

Ladders

1 x 1.8m Fibreglass A frame

1 x 2.4m Fibreglass A frame

1 x 3.35m Fibreglass A frame

## **Staging Units:**

20 x Steel Decks, 1200 x 1200 x 300mm or 600mm

4 x Steel Decks, 1200 x 1200 x 600mm

## **Loading Dock:**

### **Access**

Truck access via car park off south rd. Truck is able to reverse up to goods lift at right angles.

Access to backstage area is via goods lift, or rear stairs.

Loading Dock Door Dimensions (top of stairs)

**1350 mm W x 2000mm H x 2400 mm (diagonal)**

Goods Lift Dimensions

**1290 mm W x 2000mm H x 2320 (diagonal) x 3170 mm Deep**

## **LIGHTING**

### **Standard Rig:**

**Please find attached plan and lantern schedule for standard lighting rig.**

### **Control:**

Lighting desk	<b>LSC Maxim with PATPAD section</b>
Control channels	<b>48/96 physical faders, with 1024 channels of DMX</b>
Signal output	<b>2 Universes of DMX512.</b>
Signal distribution	<b>2 DMX patches at control position, 1 at each of the 3 wall patch bays, 1 at each of the 3 floor traps, 1 PS, 1 OP, 2 on FOH 1 (LX bar) and 2 on FOH 2(LX bar). DMX cable is also run to LX1 and LX3 as part of the standard LX rig.</b>

**A Jands DD-8 DMX512 active splitter is available and is part of the venue's standard lighting rig.**

### **Dimmer Racks:**

Total Dimmers	<b>48 (a further 24 available on request at time of hire)</b>
Dimmer Locations	<b>All Dimmers are located in dimmer room, located PS.</b>
2.4Kw Dimmer Racks	<b>4 x Bytecraft Solution 12 wall mounted 12 channel dimmer racks</b> <b>2 x Pro-Lite Dyna-Lite 12 channel pro-pak dimmer racks</b>
Total dimmers @ 2.4kw per dimmer	<b>48 (a further 24 available on request at time of booking.)</b>

### **House Lights:**

Independent control	<b>Overhead Fluoro system is independently controlled; QI flood system is controlled by LX desk.</b>
Control positions	<b>Fluoro: Dimmer room, control position, PS auditorium door.</b> <b>QI Flood: Control Position</b>
Fade time adjustable	<b>Fluoro: No</b> <b>QI Flood: Yes</b>

## Stage Luminare:

### Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
Pro-lite	Narrow	16/28	Shutters	650	12
Pro-lite	Wide	26/40	Shutters	650	6
Pro-lite	Narrow	16/30	Shutters	1000	2

### Fresnel's

Make	Model	Detail / Accessories	Watt	Total
Pro-lite		Barn Doors	650	6
Pro-lite		Barn Doors	1000	10
Selecon		Barn Doors	650	4

### Par Cans

Make	Model	Angle	Detail / Accessories	Watt	Total
Par 56	Par 56	MFL		300	25
Par 64	Par 64	MFL		1000	16

### Cyc Flood

Make	Model	Detail / Accessories	Watt	Total
Pro-Lite	4 cell flood		500	4

### Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Robe	Spot 250XT	16	Moving Head/Yoke	250	4

## Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Mirror Ball		300mm D	Motor		1
Mirror Ball		200mm D	Motor		1
Pin spot				30	7

## Patching:

Location	Quantity	Numbering (PS to OP)	Detail / Accessories
FOH 1	18	19-36	Please note, FOH LX bars are separately patched to Onstage LX bars, numbers that match onstage bars are NOT the same patch.
FOH 2	18	1-18	Please note, FOH LX bars are separately patched to Onstage LX bars, numbers that match onstage bars are NOT the same patch.
LX 1	17	17-1	Duplicate "1" @ PS
LX 2	17	18-34	Duplicate "18" @ OP
LX 3	17	35-51	Duplicate "35" @ OP
DSP Trap	2	43-44	Floor LX
DSC Trap	2	41-42	Floor LX
DSOP Trap	2	39-40	Floor LX
Operating Position	2	37-38	Floor LX/Followspot feed

## **Power:**

### **3 Phase Outlets**

Dimmer Room – 4 x 32amp

Dimmer Room – 1 x 32amp (Green power/Audio Only)

PS – 1 x 32amp

PS – 1 x 32amp (Green power/Audio Only)

OP – 1 x 32amp (Green power/Audio Only)

Auditorium storeroom, OP – 1 x 32amp, 1 x 20amp, 2 x 15amp

## **Cabling:**

### **240v Extension Cable**

The centre has a good stock of extension leads to accommodate the venues own requirements, with limited additional cable.

## **Lighting Notes:**

FOH lighting bars must either be focused with an EWP or by bounce focus. The venue does not own an EWP. One can be hired at an extra cost.

## **AUDIO**

### **Control Positions:**

#### **Auditorium**

Rear of auditorium, centred, raised. No seats pulled.

#### **Other**

PS. For smaller console, or monitor engineer position only.

## **Control & Amplification:**

### **Primary Mixer**

#### ***Midas Verona 480.***

48 channels, 40 mono, 8 multi function inputs. 8 sub groups. 8 aux sends. 12x4 matrix.

### **Secondary Mixer**

#### ***Soundcraft GB4.***

30 Channels, 2 stereo inputs, 2 stereo returns, 4 sub groups, 8 aux sends, 7x4 matrix.

#### ***Yamaha MG 10/2.***

4 XLR input channels (2 are also stereo input channels) 4 stereo input channels.

## **Amplifiers**

### **Grand Hall:**

1 x Crown XLS402 – High  
1 x Crown XLS602 – Mid  
2 x Crown Xs700 – Low Left and Right  
2 x Crown Xs700 bridged mono – ASB6128V  
1 x Crown XLS602 – Grand hall delay and infill

### **Alcove:**

1 x Crown XLS602 – Alcove

## **EQ**

2 x DBX 1231 Dual 31 band graphic EQ  
2 x DBX 231 Dual 31 band graphic EQ  
1 x DOD 430CX Dual 15 band graphic EQ

## **FX**

2 x TC Electronics M-One Multi effects processors  
1 x Yamaha Rev-500 Digital Reverberator (available on request at time of hire)

## **Compression / Limiter / Gates**

4 x DBX 266XL Compressor/Gate (2 channels of compression/gate per unit)

## **Speakers:**

### FOH Speakers

#### **Grand Hall:**

4 x JBL AM6315/64, 3 way speaker cabinets (2 flown per side)  
2 x JBL ASB6128V, dual 18" subwoofers (1 flown per side)  
2 x Quest QM-600AS Powered Sub Woofers  
2 x Quest QM-12MP Infills  
2 x Quest QM-600AS Powered Sub Woofers  
1 x JBL Control 29AV front Out fill

#### **Grand Hall Delay:**

2 x JBL Control 29AV

#### **Alcove:**

2 x JBL Control 29AV

### Foldback Speakers

2 x RCF ART 300A powered speakers.  
2 x RCF ART 310A powered speakers.  
6x Quest QM-12MP Foldback Wedges  
1x Quest QM-600AS Powered Sub Woofer

**Playback:**

Item	Make	Model	Detail	Total
CD Player	Denon	DCD-595	Single CD Player	1
CD/Cassette Player	Tascam	CD-A500	CD/Cassette Player	1
Mini Disc Player	Tascam	MD-350	Mini Disc Player	1

**Microphones:**

Make	Model	Detail / Accessories	Use	Total
Shure	SM58	Clip	Vocal	8
Shure	Beta 58	Clip	Vocal	5
Shure	SM57	Clip	Instrument/Vocal	14
Shure	SM58 UT	Wireless with SM58 or Lapel	Vocal	2
Shure	SM58 UT	Wireless with SM58 Only	Vocal	2
Shure	MX202	Hanging Condenser Microphone	Choir/general coverage	4
Shure	MX418	Gooseneck Condenser Microphone	Lecturn Microphone	2
Sennheiser	MD421	Clip	Toms, Sax	2
Sennheiser	E602	Kick Drum Microphone	Kick Drum	1
Beyer Dynamic	M201	Dynamic Pencil Microphone	Hi hats/snare/overhead	4
AKG	D880	Clip	Vocal	6
Crown	CM-200A	Vocal Condenser Microphone	Vocal	1
Behringer	DI-100	Active DI Box	Direct Injection	6
AV-Jefe	AVL-680	Clip	Shotgun/OH	2

**Line Patching:**

Location	Quantity	Numbering	Detail
Operating Position	48	1-48	48 microphone lines from stage patch bay to operating position.
Line returns	8	FOH L, FOH R, Return 1-6	8 return lines from operating position to stage patch bay
USP Wall Box	14	1-12, 1-2	12 sends, 2 returns
USC Wall Box	14	1-12, 1-2	12 sends, 2 returns
USOP Wall Box	14	1-12, 1-2	12 sends, 2 returns
DSP Trap	6	1-4, 1-2	4 sends, 2 returns
DSC Trap	6	1-4, 1-2	4 sends, 2 returns
DSOP Trap	6	1-4, 1-2	4 sends, 2 returns
LX 1	3	MX202 PS/C/OP	3 lines run to LX 1 for MX202 hanging microphones.
LX 2	1	MX202 C	1 line run to LX 1 for MX202 hanging microphone.

### **Cabling:**

Audio Cable

The venue has a good stock of cable to accommodate its' in-house equipment.

Multicore:

2 x 30m 16 way drop boxes

1 x 15m monitor split

### **Audio Notes:**

FOH speakers are fixed and not movable.

## **AUDIO VISUAL**

Projectors:

Type	Model	Detail / Accessories	Total
L-Pro LCD Data projector	2800x	2800 lumens, XGA, LCD. RGB, component or composite video inputs.	1

Screens:

#### **Projection Screen**

AV Stumpfl fast fold front projection screen. Usually rigged on LX 3.

Screen dimensions     **12' x 9'**

### **AV Playback Equipment:**

Item	Model	Detail / Accessories	Total
DVD /VHS Player	NEC NDT-41	Combo DVD/VHS Player	1

### **Projector Rigging Points:**

Projector has a mounting assembly and can be rigged from any horizontal lighting bar.

### **Cabling:**

The Venue has sufficient stock of cable to accommodate projection from the centre of FOH 1 or FOH 2.

### **Audio Visual Notes:**

All A/V patching throughout the venue (with the exception of the dimmer room to FOH LX bars runs) is via CAT5 Cable. There are 2 CAT5 patches at the operating position, and one at each wall box and floor trap.

All cable runs are routed to the patch bay, where the signal is converted and sent via 10 coaxial cable strands to the projector.

There are 10 coaxial cables for each FOH LX bar.

## **BACKSTAGE**

### **Communications:**

#### **Talkback**

Master Unit                      **Jands Ezicom E-200 Master station. (2 ring)**

Total sub stations            **2**

Total headsets                **3, dual eared.**

Talkback patching located at: **Dimmer room**

**PS**

**OP**

**2 @ Operating Position (Master station in FOH Rack)**

### **Dressing Rooms:**

<b>Dressing Room</b>	<b>Capacity</b>	<b>Toilets</b>	<b>Shower</b>	<b>Details</b>
Female	2-3	1	No	
Male	1-2	1	No	

### **Stage Door:**

#### **Access**

Stage door is located up the metal stairs next to the goods lift.

## **VENUE:**

### **Venue Contacts:**

Venue Address                      **985 Nepean Highway, Moorabbin, Victoria, 3189.**

Venue Postal Address            **979, Nepean Highway, Moorabbin, Victoria, 3189.**

### **Staff Contacts:**

For all Enquiries, please contact:

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