



# TECHNICAL SCHEDULE

as at May 8 2019

## THE DRUM

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## Appendix E

### **GENERAL**

The theatre is in proscenium arch form, with a flat stage, seating on two levels, and an orchestra pit which as standard is used for 2 rows of theatre seating.

Seating	Total seating capacity (rows A & B in place) .....521
	Total seating capacity (rows A & B removed).....482
	Stalls (rows A & B in place) .....362
	Stalls (rows A & B removed).....323
	Balcony..... 159

Orchestra Pit Accommodates 15-20 Seated musicians.

The Pit walls are fitted with lighting, audio, and general power outlets. Access to the Orchestra Pit is via the basement/dressing room Level.

### **STAGE DIMENSIONS**

Proscenium	Width (standard with side teasers closed) .....10m
	Width (side teasers opened upstage) .....13m
	Height .....8m
Stage width	downstage (DS) (wall to wall) .....20m
	upstage (US) (wall to wall).....16m
Stage depth	Setting line (SL) to apron of stage .....800mm
	Apron to House Curtain .....1100mm
	Proscenium Wall (Foldable).....150mm DS of SL
	SL to most US fly line .....8.7m
	SL to rear wall .....9m

Stage floor Surface is Masonite panels laid over hard wood. Colour is black. (If a colour change is required by the hirer, the cost to return it back to black will be quoted at time of application)

Orchestra Pit	Depth at centre .....2600mm
	Depth at sides .....1800mm
	Width .....12000mm

When used in orchestra pit mode the lift is set to 2102mm below stage level. A balustrade and net are put in place also.

When used in seating mode the lift is set to 530mm below stage level.

### **FLY TOWER**

The fly tower consists of 40 fly lines in total. 34 single purchase counterweight lines, 3 high speed programmable drum hoist lines and 3 low speed non programmable drum hoist lines. Flying operations are carried out from Opposite Prompt Fly Gallery 1. **Please refer to Attachment 1 for further information on each line.**

Heights	Stage to underside of grid .....14.5m
	Stage to underside of 2 <sup>nd</sup> Fly Gallery .....11.5m
	Stage to underside of 1 <sup>st</sup> Fly Gallery .....6m

Width Width between fly galleries .....13m

Batten length .....12m

Fly line loading	Maximum load capacity per batten .....400kg
	Maximum point loading per batten .....100kg
	Load capacity per motorised line .....250kg
	Maximum load capacity per lighting batten .....300kg

## Appendix E

### **FLY TOWER (continued)**

Grid point loading	<b>Please refer to Attachment 2 for diagram.</b>
	B5 Beam (Flooring Member) 335kg per member up to 6 loads within any one bay.
	B4 Beam (Secondary Beams) 4000kg single load, for only one Beam in the bay.
	B3 Beam (Primary Beams) 4500kg single load, supported by one B3 Beam in the bay.
	Note: You are not to use other beams in conjunction with the beam chosen to support your apparatus.
House Curtain	Single purchase counterweight set operated from Prompt corner at stage level in flying mode. Traversing mode is motor driven (speed variable) with control points at Prompt Corner, Prompt Fly Gallery and Control Room.
Mid and Upstage Tab Curtains	Single purchase counterweight sets operated from Opposite Prompt Fly Gallery 1 in flying mode. Traversing mode is manual via sash cord in prompt wing.

### **STAGE MASKING**

All stage masking is treated for fire retardation to AS 1530 Parts 2 & 3

Legs	Quantity .....5 pairs Material .....Pleated Black Wool Height .....8m Width .....3m
Borders	Quantity .....5 Material .....Flat Black Wool Height .....3m Width .....13m
Mid and Upstage Tab Curtains	Quantity .....2 pairs Material .....Pleated Black Wool Height .....8m Width .....12m
Panorama	Quantity .....4 pairs Material .....Pleated Black Velvet Height .....6.5m Width .....2m

### **STAGE CLOTHS**

All stage cloths are treated for fire retardation to AS 1530 Parts 2 & 3

Smother	Quantity .....1 Material .....Flat Black Wool Height .....8m Width .....12m
Scrims	Quantity .....1 White & 1 Black Material .....Cotton Sharkstooth Gauze Height .....6.5m Width .....12m

## Appendix E

### STAGE CLOTHS (continued)

Cyclorama	Quantity .....	1
	Material .....	Cotton Sharkstooth White Gauze
	Height .....	7.5m
	Width .....	12m

### EMERGENCY EQUIPMENT

**Fire Detection** The entire Drum Theatre complex has an automatic fire detection system in place with sensors being a combination of smoke and thermal types. The system is connected and monitored by ADT and once triggered the emergency services are automatically despatched.

The complex is also fitted with a sprinkler system in all areas.

**Smoke Control Curtain** Single purchase counterweight set with automatic release mechanism and air dampening speed control. Automatic release is automated via the Fire Indicator Panel with manual release devices located at Prompt Corner (equipment rack and remote Fire Indicator Panel), Opposite Prompt Corner (equipment rack) and Opposite Prompt Fly Gallery 1.

Material .....	Fire resistant fibre
Height .....	Drops to 3m above stage surface
Operating time .....	8 seconds

### LOADING DOCK

External Roller Door	Height .....	5.48m
	Width .....	3.90m
	Diagonal.....	6.62m

Internal Roller Door	Height .....	4.53m
	Width .....	3.92m
	Diagonal.....	5.98m

Dock to Stage Door	Height .....	4.50m
	Width .....	3.45m
	Diagonal.....	5.63m

Dock Platform	Height from road level .....	1.20m
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Heating Radiant U-tube heater fitted to ceiling

### THEATRE ACCESS

**Access for all cast and crew is via the Stage Door at the rear of the complex on the corner of Langhorne and Walker Streets.**

The complex is fully accessible to those with any disability via main door on Lonsdale Street and internal lift.

A pin pad is located next to the door. A random code is generated for each day of your booking and is timed to only allow access during your period of access.

For the security of the complex and your cast and crew the stage door has an alarm that sounds if the door is left open for longer than 2 minutes.

**The loading dock cannot be used for access by cast or crew except for loading and unloading activities.**

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### STAGE MANAGER'S DESK

Location	Located in Prompt DS corner (standard position). With notice it can be relocated to Opposite Prompt DS corner.
Video	2 colour CRT monitors with 2 inputs each. Stage view in colour and infrared and conductor camera feeds available.
Communications	ClearCom MS702 base station with BeyerDynamic single ear headset.  Media Matrix panels for paging and program relay destination selection.
Audio	1 JBL Control 2 powered speaker (receives matrix send from main audio console)  1 ARX USB stereo DI and 1 Radial J48 Stereo Active DI
Timekeeping	Digital clock with current date, time, count down timer and stop watch.

### RELAY SYSTEMS

Hard Wired Communications	ClearCom MS702 base station (mounted in Stage Manager's desk) Belt packs with either single or double BeyerDynamic headsets at these standard locations: <ul style="list-style-type: none"><li>• Stage Managers Desk (1)</li><li>• Fly Rail Opposite Prompt Fly Gallery 1 (2)</li><li>• Audio Control (1)</li><li>• Operations Office - SquawkPac (2)</li><li>• House Curtain Fly Rail (1)</li><li>• Lighting Control (1)</li><li>• Followspot 1 (1)</li><li>• Opposite Prompt DS Corner (1)</li><li>• Vision Control (1)</li><li>• Followspot 2 (1)</li></ul>
Wireless Communications	ClearCom IF4W4 4-Wire Interface Telex BTR-240 base station with antennas 6 TR-240 Belt packs with either single or double BeyerDynamic headsets.
Video Relay	Stage view (colour & IR) and conductor

### DRESSING ROOMS

There are 4 fitted out dressing rooms on the basement level below stage as well as a large general space directly under the stage. The Rehearsal Room on the top level is available to be used as a dressing room. Toilets and showers, costume racks, hot and cold water, performance video relay and program speakers are standard in all rooms.

Room	Size (width x length)	Area (Sq.M)	Capacity
1	2.5m x 8.5m	21.5	10
2	2.5m x 7.5m	18.75	10
3	2m x 4.5m	9.5	2
4	2m x 3.5m	7.5	2
Basement	11m x 8m	93	30-40
Rehearsal	10m x 9.5m	95	30-40

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## OTHER FACILITIES AND EQUIPMENT

Green Room	Fitted with a fridge and freezer, microwave, dishwasher, sink, constant boiling water unit, chilled filtered water unit, sandwich press, glassware, crockery and cutlery.
Laundry	<p>Located in basement space directly under stage.</p> <p>Washing Machine 1.....LG TurboDrum 8.5kg            Washing Machine 2.....LG DirectDrive 9.5kg            Dryer 1.....Simpson 4kg            Dryer 2.....Bosch 6kg            Drying Cabinet.....Asko DC7573 2000w</p> <p>Iron and Ironing Board</p>
Workshop	We have a vast range of hand and bench mounted tools on hand to assist with set construction, bumping in and out.
Ladders	<p>Waku Transformer Compact Telescopic            Extension Double Sided .....1.85m to 6.4m</p> <p>Bailey double sided 'A' frame .....0.85m            Bailey double sided 'A' frame .....1.8m            Bailey double sided 'A' frame .....2.4m</p>
Elevated Platform	<p>Genie 8WP25 with 2 battery packs, indoor and outdoor legs.</p> <p>Maximum Platform Height .....7.44m            Weight .....371kg            Safe Working Load Limit .....136kg</p>
Lifting Equipment	Crown PTH50 Hand Pallet Jack

## LIGHTING

Control Surface	Martin M1 with Maxi Panel fader wing, built in touchscreen, external ELO touchscreen, mouse and keyboard.																												
Control Distribution	<p>3 streams of DMX512 distributed via LSC Isoport Series 3 Patch field located in Control Room rack and distributed to:</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Field 1</th> <th style="text-align: left; border-bottom: 1px solid black;">Field 2</th> </tr> </thead> <tbody> <tr> <td>Foyer</td> <td>Front of House Dimmers</td> </tr> <tr> <td>Circle Front</td> <td>Prompt Fly Gallery 1 DS</td> </tr> <tr> <td>Upper Prompt Box Boom</td> <td>O.Prompt Fly Gallery 1 DS</td> </tr> <tr> <td>Upper O.Prompt Box Boom</td> <td>Prompt Loading Dock</td> </tr> <tr> <td>Front of House Bridge 1</td> <td>O.Prompt Loading Dock</td> </tr> <tr> <td>Front of House Bridge 2</td> <td>Basement</td> </tr> <tr> <td>Forestage Grid</td> <td></td> </tr> <tr> <td>Stage Grid</td> <td></td> </tr> <tr> <td>Prompt Fly Gallery 1 US</td> <td></td> </tr> <tr> <td>O.Prompt Fly Gallery 2 US</td> <td></td> </tr> <tr> <td>Rehearsal Room</td> <td></td> </tr> <tr> <td>Stage Level Prompt DS</td> <td></td> </tr> <tr> <td>Stage Level O.Prompt DS</td> <td></td> </tr> </tbody> </table> <p>3 Chauvet DJ Data Stream 4 located on Prompt Fly Gallery 1.            Units have 1x 5 pin and 1x 3 pin DMX input, 1x 5 pin and 1x 3 pin thru outputs and 3x 5 pin and 3x 3 pin DMX outputs.</p>	Field 1	Field 2	Foyer	Front of House Dimmers	Circle Front	Prompt Fly Gallery 1 DS	Upper Prompt Box Boom	O.Prompt Fly Gallery 1 DS	Upper O.Prompt Box Boom	Prompt Loading Dock	Front of House Bridge 1	O.Prompt Loading Dock	Front of House Bridge 2	Basement	Forestage Grid		Stage Grid		Prompt Fly Gallery 1 US		O.Prompt Fly Gallery 2 US		Rehearsal Room		Stage Level Prompt DS		Stage Level O.Prompt DS	
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## Appendix E

### LIGHTING (continued)

Control Input Points	Control Room (standard position) Production Point (stalls seating row H) Stage Level Prompt Corner DS
Dimmers	1x 2.5K Jands WMX 12 Channel Dimmer Rack 15x 2.5K Bytecraft Solution 12 Channel Dimmer Racks 2x 5K Bytecraft Solution 12 Channel Dimmer Racks
Dimmer Locations	Front of House Dimmer Area.....7x 2.5K & 1x 5K Prompt Fly Gallery 1.....7x 2.5K Opposite Prompt Fly Gallery 1.....1x 2.5K Basement.....1x 2.5K & 1x 5K

### LIGHTING POSITIONS

Bridge Two	Distance to Setting Line at ends .....17.1m Distance to Setting Line at centre .....15.4m Pipe Length.....15m Number of Patch Outlets .....24
Bridge One	Distance to Setting Line at ends .....13.3m Distance to Setting Line at centre .....10.8m Pipe Length.....15m Number of Patch Outlets .....24
Box Booms	Measurements below apply to both Prompt and O.Prompt Box Booms
	Upper    Height above stage.....7.6m Distance to Setting Line at centre .....10.2m Pipe Length.....2.71m
	Middle    Height above stage.....5.4m Distance to Setting Line at centre .....8.6m Pipe Length.....2.71m Number of Patch Outlets .....6
	Lower    Height above stage.....2.85m Distance to Setting Line at centre .....7.2m Pipe Length.....2.45m Number of Patch Outlets .....8
Circle	Sides    Distance to SL closest to stage.....9.7m Distance to SL at centre .....11.25m Distance to SL furthest from stage .....13.4m Pipe Length.....6.6m Number of Patch Outlets .....6
	Centre    Distance to SL at ends.....13.4m Distance to SL at centre .....12.4m Pipe Length.....13.8m Number of Patch Outlets .....12
Overstage	Quantity .....5 Pipe Length.....12m Number of Patch Outlets .....24 DMX Outlets.....4 (2 streams) Hot Power Outlets .....2 (2 circuits) Cat6 Outlets.....1

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## LIGHTING PATCH LOCATIONS

Front of House	<p>All below return to a patch field located at the prompt end of Bridge One</p> <p>Prompt Box Boom Lower (US to DS).....1 &gt; 8          Prompt Box Boom Upper (US to DS).....11 &gt; 16          O.Prompt Box Boom Upper (US to DS) .....17 &gt; 22          O.Prompt Box Boom Lower (US to DS) .....23 &gt; 28 + 31 &gt; 32          Orchestra Pit (P to OP).....33 &gt; 36          Bridge One Outlet Numbers (P to OP) .....37 &gt; 60          Bridge Two Outlet Numbers (P to OP) .....61 &gt; 84          Circle Prompt .....89 &gt; 94          Circle Centre.....95 &gt; 106          Circle O.Prompt.....107 &gt; 112</p>
Prompt Fly Gallery 1	<p>All below return via 6-way Weiland Looms connected to the prompt end of each over stage lighting bar</p> <p>LX1 (P to OP).....1 &gt; 24          LX2 (P to OP).....25 &gt; 48          LX3 (P to OP).....49 &gt; 72          LX4 (P to OP).....73 &gt; 96          LX5 (P to OP).....97 &gt; 120</p>
Basement	<p>Dip Traps</p> <p>OP     Downstage .....1 &gt; 4                 Downstage Mid.....5 &gt; 8                 Upstage Mid .....9 &gt; 12                 Upstage.....13 &gt; 16</p> <p>Prompt   Downstage .....17 &gt; 20                    Downstage Mid.....21 &gt; 24                    Upstage Mid .....25 &gt; 28                    Upstage.....29 &gt; 32</p> <p>Upstage OP Rear Wall (20 Amp).....33 &gt; 38</p>



## Appendix E

### **STANDARD RIG LAMP ALLOCATION**

Bridge 2	20x ETC Source 4 19° 750W 4x Apollo Right Arm Units with DMX Iris Unit
Bridge 1	22x Strand SL 15°/32° 600W (2 with Breakup Gobo)
Dress Circle	4x ETC Source 4 Zoom 750W 4x Selecon Rama PC 1200W with Barndoors
Box Booms	14x Strand SL 23°/50° 600W 4x Tourpro Slimpar 18 RGBAWUV 2x Strand SL 26° 600W 2x ETC Source 4 Jnr 19° 575W
LX 1	4x Selecon Rama Fresnel 1200W with Barndoors 3x ETC Source 4 Jnr 19° 575W 2x Selecon Pacific 45°/75° 1000W with Breakup Gobo 2x ClayPaky B-Eye K10 CC 1x Strobe
LX 2	6x Tourpro Slimpar 18 RGBAWUV 4x Selecon Rama Fresnel 1200W with Barndoors 3x ETC Source 4 Jnr 19° 575W 3x ClayPaky B-Eye K10 CC 2x LightSky BumbleBee Spot
LX 3	6x Tourpro Slimpar 18 RGBAWUV 4x Selecon Rama Fresnel 1200W with Barndoors 3x ETC Source 4 Jnr 25°/50° 575W 3x ClayPaky B-Eye K10 CC 2x Selecon Pacific 45°/75° 1000W with Breakup Gobo 2x LightSky BumbleBee Spot
LX 4	6x Tourpro Slimpar 18 RGBAWUV 4x Selecon Rama Fresnel 1200W with Barndoors 4x Chauvet Maverick MK1 Spot 3x ETC Source 4 Jnr 19° 575W 2x Selecon Pacific 45°/75° 1000W with Breakup Gobo
LX 5	6x ETC ColorSource CYC
O.Prompt Panorama	8x ETC MultiPar MFL 4x TourPro Slimpar 18 RGBAW 1x ETC Source 4 Jnr 25°/50° 575W
Prompt Panorama	8x ETC MultiPar MFL 4x TourPro Slimpar 18 RGBAW 1x ETC Source 4 Jnr 25°/50° 575W
Groundrow and Other Ground	6x ETC ColorSource CYC 4x Martin Rush MH5 2x ClayPaky B-Eye K10 CC

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### AUDIO

Mixers	Allen & Heath T112 Digital (Theatre Main Console) Allen & Heath QU32 Digital (Theatre Backup Console) Allen & Heath QU16 Digital (Portable System) Allen & Heath Mixwizard WZ3 12:2 (Rehearsal Room)														
Digital Drop Boxes	Allen & Heath iDR-64 – 64 Input / 32 Output (Control Room) Allen & Heath xDR-16 - 16 Input / 8 Output (Portable)														
FOH Amplifiers	Located under theatre seating  3x MC <sup>2</sup> T2000 2x MC <sup>2</sup> T1500 2x MC <sup>2</sup> T4-250 4 Channel														
FOH Processing	BSS Soundweb BLU 100 BSS BLU BOB Laptop running HiQnet London Architect														
FOH Speakers	4x JBL MS28 (Left and Right for Stalls and Dress Circle) 2x JBL AN6215 (Centre Fill) 2x JBL 6128 Dual 18inch Sub Woofers (mounted to rear of Bridge One) 5x JBL Control 25 (under Dress Circle delay) 4x Funktion-One F55 (front fill)														
Program Relay	Peavey MediaMatrix X-Frame 88 Peavey MediaMatrix MM 8802 3x Australian Monitor AMIS 480P Amplifiers														
Hearing Loop	2x Ampetronic ILD 500 Induction Loop Driver 2x Redback A2067 Line Monitoring Unit 1x ILR3 Audio Induction Loop tester														
	<table border="0" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Stalls</th> <th style="text-align: left; border-bottom: 1px solid black;">Dress Circle</th> </tr> </thead> <tbody> <tr> <td>E 1 to 27</td> <td>AA 17 to 28</td> </tr> <tr> <td>F 1 to 28</td> <td>BB 16 to 28</td> </tr> <tr> <td>G 1 to 29</td> <td>CC 16 to 27</td> </tr> <tr> <td>H 1 to 30</td> <td>DD 16 to 26</td> </tr> <tr> <td>J 1 to 31</td> <td>EE 17 to 25</td> </tr> <tr> <td>K 1 to 30</td> <td>FF 18 to 26</td> </tr> </tbody> </table>	Stalls	Dress Circle	E 1 to 27	AA 17 to 28	F 1 to 28	BB 16 to 28	G 1 to 29	CC 16 to 27	H 1 to 30	DD 16 to 26	J 1 to 31	EE 17 to 25	K 1 to 30	FF 18 to 26
Stalls	Dress Circle														
E 1 to 27	AA 17 to 28														
F 1 to 28	BB 16 to 28														
G 1 to 29	CC 16 to 27														
H 1 to 30	DD 16 to 26														
J 1 to 31	EE 17 to 25														
K 1 to 30	FF 18 to 26														
Foldback	2x RCF 325A 15" Active (Downstage P or OP as standard) 2x RCF 312A 12" Active 2x Australian Monitor XR12P 12" Active 4x RCF HD10A 10" Active 2x JBL Control 2 Active (1 on Stage Managers Desk as standard)														

# Appendix E

## WIRELESS MICROPHONES

Receivers                    14x Sennheiser EW300 G3 B Band (Theatre)  
                                   2x Sennheiser EW300 G3 B Band (Portable System)

Channel	Frequency	IP Address
1	626.300	192.168.1.181
2	626.750	192.168.1.182
3	627.450	192.168.1.183
4	628.450	192.168.1.184
5	628.900	192.168.1.185
6	629.700	192.168.1.186
7	630.800	192.168.1.187
8	631.750	192.168.1.188
9	640.550	192.168.1.189
10	646.100	192.168.1.190
11	653.300	192.168.1.191
12	659.150	192.168.1.192
13	635.450	192.168.1.193
14	636.500	192.168.1.194

The portable system receivers are tuned to the same settings as Channel 13 & 14.

Transmitters                6x Sennheiser SKM 300-835 G3 Handheld (with button)  
                                   7x Sennheiser SKM 500-935 G3 Handheld  
                                   1x Sennheiser SKM 500-835 G3 Handheld

14x Sennheiser SK300 G3 Bodypack

Capsules and Headsets    14x Sennheiser ME 2-II Lavalier Black  
                                   2x Sennheiser MKE 2 Lavalier Black  
                                   3x Chiayo MC221-0 Headset Beige  
                                   14x Neatron NHS777-0 Headset Beige

## MICROPHONES

Instrument	Sennheiser e602 MKII Kick Drum/Bass .....	1
	Sennheiser e902 Kick Drum/Bass .....	1
	Sennheiser e904 Drum/Percussion .....	3
	Sennheiser e906 Dynamic Super-cardioid .....	2
	Shure SM57 .....	8
Pencil Condenser	Neumann KM140 Cardioid .....	2
	RØde NT5 Cardioid .....	2
	Mann M11 Cardioid .....	5
	Neatron NPM260 Cardioid .....	3
Boundary and Hanging	Sennheiser e912 Condenser Boundary .....	5
	Crown PCC-160 Boundary .....	3
	AKG HM1000 with CK47 Hanging .....	2
Vocal	Sennheiser e945 Dynamic Super-Cardioid .....	2
	Sennheiser e845 Dynamic Super-Cardioid .....	5
	Sennheiser e815S (with switch) .....	1
	Shure Beta 58-A .....	4
Gooseneck	Shure MX418 18" .....	2

## Appendix E

### **DIRECT INJECTION**

Active	BSS AR133.....	3
	Behringer DI100.....	12
	Radial J48 Stereo.....	2
Passive	McLelland PDB-100 .....	2
	Whirlwind EDB1 .....	1
	Behinger DI400P.....	1
USB	ARX Audibox Stereo .....	3

### **PLAYBACK AND RECORDING**

CD	Marantz PMD331 (Prompt Side Rack) Denon DN-D4500 Dual (Control Room)
SD	Tascam 20M (Control Room)

### **MICROPHONE STANDS**

Tri-Leg Base	K&M Tall with Short Boom.....	7
	K&M Tall with Long Boom .....	8
	K&M Short with Short Boom.....	12
	K&M Tall with Extra Long Boom (Weighted) .....	2
Round Base	K&M Table Stand.....	2
	K&M Tall with no boom.....	3

### **PORTABLE MULTICORES**

Standard	12m Jands 16 way XLR Loom with stage box....	1
	20m 4 way XLR Loom .....	4
Splitter	30m Swamp 48 Channel (32 In 16 Out) with 10m Monitor Split and Stage Box .....	1

## Appendix E

### AUDIO PATCH LOCATIONS

Note: Microphone Patch Points are standard 3 pin XLR type.

Location	Destination	Quantity (Sex)	Label
Prompt Stage Rack	Control Room	48 Sends (F) 12 Returns (M)	MC1 > MC48 MC37 > MC48
O.Prompt Stage Rack	Prompt Stage Rack	24 Sends (F) 4 Returns (M)	M1 > M24 M21 > M24
Orchestra Pit O.Prompt	Prompt Stage Rack	8 Sends (F) 2 Returns (M)	M25 > M32 M31 > M32
Orchestra Pit Centre	Prompt Stage Rack	8 Sends (F) 2 Returns (M)	M33 > M40 M39 > M40
Orchestra Pit Prompt	Prompt Stage Rack	8 Sends (F) 2 Returns (M)	M41 > M48 M47 > M48
O.Prompt Upstage	Prompt Stage Rack	4 Sends (F)	M49 > M52
Prompt Upstage	Prompt Stage Rack	4 Sends (F)	M53 > M56
Rehearsal Point Row H	Prompt Stage Rack	2 Sends (F)	M57 > M58
O.Prompt Fly Gallery 1	Prompt Stage Rack	2 Sends (F)	M59 > M60
Prompt Fly Gallery 1	Prompt Stage Rack	2 Sends (F)	M61 > M62
Forestage Grid	Prompt Stage Rack	2 Sends (F)	M63 > M64
Main Grid	Prompt Stage Rack	2 Sends (F)	M65 > M66
Bridge 1	Prompt Stage Rack	4 Sends (F)	M67 > M70
Bridge 2	Prompt Stage Rack	4 Sends (F)	M71 > M74
O.Prompt Box Boom Middle	Control Room	2 Sends (F) 2 Returns (M)	M75 > M76 R1 > R2
O.Prompt Box Boom Upper	Control Room	2 Sends (F) 2 Returns (M)	M77 > M78 R3 > R4
Prompt Box Boom Middle	Control Room	2 Sends (F) 2 Returns (M)	M79 > M80 R5 > R6
Prompt Box Boom Upper	Control Room	2 Sends (F) 2 Returns (M)	M81 > M82 R7 > R8
External Dock (OB Panel)	Control Room	4 Sends (F) 4 Returns (M)	M83 > M86 R9 > R12
Rehearsal Room	Control Room	2 Sends (F) 2 Returns (M)	M87 > M88 R13 > R14
Front of House Office	Control Room	3 Sends (F) 2 Returns (M)	M89 > M91 R15 > R16

### SPEAKER PATCH LOCATIONS

Note: Speaker outlets are 2 pole Speakon connectors.

Location	Label	House Use
O.Prompt Box Boom Upper	SP-1	Dress Circle Left Speaker
O.Prompt Box Boom Middle	SP-2	Stalls Left Speaker
Forestage Grid	SP-3 SP-4	Centre Cluster Upper Centre Cluster Lower
Prompt Box Boom Upper	SP-5	Dress Circle Right Speaker
Prompt Box Boom Middle	SP-6	Stalls Right Speaker
Bridge 1	SP-7A > SP-7B SP-8A > SP-8B	Sub-Woofer Upper Sub-Woofer Lower

## Appendix E

### PIANOS

The pianos are stored in our basement and prior arrangement is required to use them on stage as they need to be moved with the Forestage Lift

Drum Theatre has a preferred tuning technician and more information is available on request.

Grand	Steinway & Sons of Hamburg Model B Length: 6' 11" (211cm) Width: 58" (148cm) Collezione Lanzani adjustable leather stool (Black)
Upright	Yamaha U1

### NOISE LEVELS

Sound Pressure Levels within the auditorium should not exceed an average of 88dB continuous exposure per four hours per day (National Health and Medical Research Council of Australia).

For Sound Pressure Levels in excess of 88 dB to a maximum Peak Level of 140dB hearing protections must be made available to Drum Theatre staff and patrons

### SPARE STOCK

BRAND	MODEL	TYPE	WATTS	No	ANGLE	LAMP
Strand	SL	Profile	600	8	23/50	GKV 600
ETC	S4	Profile	750W	5	26	
ETC	Srce 4 Jnr	Profile	575	9	25/50	HPL 575
ETC	S4	Profile	750	4	15/32	
Selecon	PC	Flood	650	4	4/64	T27
Selecon		Fresnal	650	8	6/60	T27
Selecon	PC	Flood	1200	6	4.5/62	T29
Strand	Palas4	Flood	625	6	GROW	P2/10
R/Juilette	Topaze	F/spot	1200HMI	2	7/14.5	Phillips G22
Multipar 575	Multipar 575	Par	575	12	ETC	Phillips 7007

### LIGHTING ACCESSORIES

2 x ADJ UV Canon  
 1 x Jem ZR33 DMX Fog Machine (these are an additional cost)  
 1 x Look Unique Haze Machine (these are an additional cost)  
 1 x MAX Strobe SF-2500D  
 1 x Mirror Ball & Motor  
 30 x Boom Arms  
 10 x Floor Stands (H Stands)  
 16 x Shot Bags  
 6 x iris's SL size  
 10 x Gobo holders (SL size)  
 6 x Gobo Holders (Source 4)  
 14 x S4 Jnr iris  
 6 x Boom bases with 3m pipes

### DATA / VIDEO PROJECTOR

NEC Data Projector (PA550WG 5500 Lumens) (these are an additional cost)  
 NEC Data Projector (MT1075) - Fixed position on circle (these are an additional cost)

### STAGING UNITS

4 x Fastfold 1.8m(W) x 2.4m(L) x 40cm or 60cm high  
 2 x Set of steps

## Appendix E

**AUDITORIUM LIGHTING**

Combination of Compact Fluores and Halogens and Par 56's

**FOYER LIGHTING**

Combination of Compact Fluores and Halogen

## Appendix E

### HANGING PLOT

Line	From Setting Line	Notes
Front Teaser	200 mm	Motorised line
House Curtain	600mm	Can be flown In/Out from Stage Level Prompt – French Action Electric
OP Panorama		Panorama Bar that runs downstage to upstage OP
P Panorama		Panorama Bar that runs downstage to upstage P
Line 1	900	Border 1
Line 2	1100	Legs 1
Line 3	1300	
Line 5	1600	LX 1
Line 7	2000	
Line 8	2200	Mirrorball
Line 9	2400	
Line 10	2600	Border 2
Line 11	2800	Legs 2
Line 13	3200	LX 2
Line 14	----	Counterweight Motor (NOT FOR HIRER USE)
Line 15	3500	
Line 16	3700	
Line 17	4100	Smother
Line 17A		Motorised line – Corporate Projector Screen
Line 18	4300	Midstage Tabs
Line 19		Motorised line – Border 3
Line 20	4900	Legs 3
Line 21	5100	
Line 22	5300	LX 3
Line 23	5500	<b>* be aware of LX 3 clearances *</b>
Line 24	5700	
Line 25	5900	
Line 26	6100	
Line 27	6200	
Line 28	6400	Border 4
Line 29	6600	Legs 4
Line 30	6800	
Line 32	7200	Lx 4
Line 34	7500	LX 5 Flood Bar
Line 35	7700	
Line 36	8200	US Tabs
Line 36A		Motorised line
Line 37	8600	Upstage Traveller
Line 37A		Motorised line
Line 38A		Motorised line
Line 38	9000	Cyclorama



## Appendix E

### **Rigging Accessories**

Batten straps  
0.5m , 1m, 2.75m, 6m, 4m, 7m & 8m Lengths of Droppers  
Rated D Shackles (.5T,1T,3.25T)  
Slings(1M,2M & 3M)  
Rated Turnbuckles  
Rated Chain  
Metal Wire Guides  
Set Piece L Brackets

### **STANDARD**

The pianos are stored in our basement and prior arrangement is required to use them on stage as they need to be moved with the Forestage Lift

Drum Theatre has a preferred tuning technician and more information is available on request.

Grand

Steinway & Sons of Hamburg Model B  
Length: 6' 11" (211cm) Width: 58" (148cm)  
Collezione Lanzani adjustable leather stool (Black)

# Appendix E

## STANDARD LIGHTING RIG

