# MONCRIEFF ENTERTAINMENT CENTRE

TECHNICAL SPECIFICATIONS





# **STAGING**

#### STAGING DESCRIPTION

The stage is an un-raked proscenium arch with flying facilities. Additionally, the stage doubles as a cinema and as such cinema equipment shares the flying facilities. Screwing into the stage is not permitted.

Stage distributed load limit: 550kg/m2

Stage point load limit: NA Stage rake: NO

Fly Grid Beams SWL: 1600kg, point load, 300 x 90 PFC Beams (mid span)

#### STAGE DIMENSIONS

#### **PROSCENIUM**

Width 11990mm Height 4590mm

# **SETTING LINE**

In line with the upstage edge of the proscenium.

# **DISTANCE FROM**

(SL = Setting Line, CL = Centre Line)

SL to DS edge of apron 1780mm SL to DS edge of Orchestra Pit 3615mm 650mm SL to first available fly line SL to last upstage fly line 7020mm SL to rear wall 7340mm CL to OP wall (or obstruction) 8100mm CL to PS wall (or obstruction) 10300mm Stage to underside of grid 11830mm

# **OVERHEAD OBSTRUCTIONS**

PS & OP Air Con Duct 4220mm
PS & OP Fly gallery to stage floor 5100mm

#### **AUDITORIUM**

The seating bank has wide seating positions which may have sightline ramifications.

Seating capacity 797

#### **ORCHESTRA LIFT/PIT**

A manual stage extension covers the orchestra pit and adequate notice is required for its removal and restoration at extra charge.

Stage level at 930mm above auditorium.

Orchestra pit level at 1470mm below auditorium.

Lift can be set at any height NC

Dimensions of the orchestra pit Orchestra pit is 13 m long x 3.7 m wide at Centre stage, with a curved D/S edge

Seating Capacity 20 Persons



#### **FLYING FACILITIES**

# **FLY SYSTEM**

Single purchase counterweight fly system.

# **FLY SYSTEM DETAILS**

Operating Position PS at Stage Level

Total Number of Lines 29 +HC Panorama Lines NO

Batten Drift Varies 11360mm – 11600mm
Batten Type 48mm O/D Round Tube

Batten Length 15100mm

Batten Extensions N/A

Batten Pick-ups 5 Pick-ups, on Centre, 3510mm from C and 7010mm from C

Batten Point Load NA
Batten S.W.L. 380kg
Cradle Capacity 372kg

LX Bars can be swung NO, Braille Only

Fly Bars can be swung YES

See following page for hanging plot for line allocations and further information.

# **DRAPERY**

Туре	Material	Colour	Width	Height	QTY
House Curtain	Velour	Red	7650 mm	5500 mm	1 (PAIR)
Borders	Wool	Black	16000 mm	3000 mm	3
Legs	Wool	Black	3000 mm	6000 mm	4 (PAIRS)
Tabs on Track	Wool	Black	8450 mm	5500 mm	1 (PAIR)
Tabs	Wool	Black	8450 mm	5500 mm	1 (PAIR)
Smother	Wool	Black	16000 mm	5500 mm	1
Gauze	Sharks-Tooth	Black	14000 mm	6000 mm	1

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# **HANGING PLOT**

Bar No.	Item	Distance from setting line*	Weight	Static	Live	Touring	Comments
1							
2	House Curtain	450					Half Bar
3	Border 1	760					Not Moved
4							Not Installed
5	LX 1	1020					
6		1220					
7		1410					
8	Legs 1	1620					Set 6m from C
9	Black Tabs	1820					On Track
10							Not Installed
11	Border 2	2225					
12	Cinema Screen	2410					Not Moved
13		2620					
14	Cinema Audio	2810					Not Moved
15	Cinema Audio	3020					Not Moved
16		3210					
17	Legs 2	3410					Set 6m from C
18	LX 2	3620					
19							Not Installed
20		4020					
21	Border 3	4230					
22	Black Tabs	4430					
23		4620					
24		4800					
25	Legs 3	5010					Set 6m from C
26	LX 3	5220					
27	Border 4	5420					
28							Not Installed
29	LX 4 Flood	5830					
30		6020					
31		6230					
32		6420					
33	Legs 4	6630					Set 6m from C
34	Black Smother	6820					Full Smother
35		7020					

\*Measurements are from the setting line, which is the concrete back of the proscenium. All measurements are in millimetres.

- Stage edge is 3615mm DS of Setting line.
- Lighting bars cannot be swung only brailed.
- All bars are round 48mm OD steel.
- All bars are rated to SWL 380kg.



#### **HEIGHT ACCESS EQUIPMENT**

# **ELEVATED WORK PLATFORMS**

There is no Elevating Work Platform available. Focus is achieved with bounce focus only.

### **LADDERS**

Aluminium Single Sided 'A' Frame - 2.4 metres

Aluminium Double Step 'A' Frame Ladder - 4.2 metres

Aluminium Extension Ladder - 6 metres

Fibreglass Single Sided P/Form – 1.5 metres

Fibreglass Single Sided P/Form – 2.4 metres

#### STAGING UNITS

6x 2400mm x 1200mm Rostra.

A range of leg heights are available (300mm, 600mm and 900mm).

#### **LOADING DOCK**

The Loading Dock utilises a small exterior dock lift from street level to stage level. A separate PDF of the Loading Dock & Lift Dimensions is available by request to the Technical Coordinator.

### **ACCESS**

Vehicle Access is via Post Office Lane, (one-way direction from Barolin St), at the rear of the theatre. Parking is available in dock area for trucks.

Main Auditorium Access Located Upstage PS Loading Dock Height 2400mm above road

External Door Dimensions 2500mm wide x 4120mm high Dock Lift Dimensions 1200mm wide x 1600mm long

Scissor Lift capacity 1000kg

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# LIGHTING

#### **LIGHTING POSITIONS**

See hanging plot for standard LX bar locations

### **FOH BRIDGE**

Setting Line to lighting bar 8200mm

Usable bar width 6895mm each side \*There is a 1260mm void in the centre of this bar.

### **ORCHESTRA BAR**

Setting Line to lighting bar 3615mm
Usable bar width 12000mm

# FOH PERCHES (PS & OP)

Setting Line to FOH Perch 3500mm (DS Edge)

Height 2000mm, 2650mm, 3300mm , 3950mm

\*Height is from stage to centre of the bar

Maximum lanterns per perch 3x 1kW profiles

### **CONTROL**

Lighting desk LSC Clarity LX300 Signal distribution 2x DMX Streams

#### **DIMMERS**

Dimmer Locations Dimmer room under stage on OP 10A Dimmer Racks LSC Gen6 2.4kW Dimmers

2x EKO True Power 5kW LSC Dimmers (24Ch)

#### **LX POWER**

OP Stage Level - 1x 45A 3 Phase Outlet (Not available when using House LX 3&4)
OP Stage Level - 1x 160A Terminals

#### **CABLING**

The theatre has minimal stock of Three Phase, 240V extension and DMX cables of varying lengths. Please consult with the Technical Coordinator should you have higher cabling requirements.

### **HOUSE LIGHTS**

Control Control Panel Only

Control Positions Control Room (rear of auditorium)

Fade time adjustable NO (7 second fade time)

DMX Control NO

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### **LUMINAIRES**

All lamps are rigged in a standard venue configuration. Costs will apply to change and restore back to standard.

D	п	N	_	п	
-	1	w			-

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Pacific	25/50		1000w	18
Selecon	Pacific	12/28		1000w	4
CCT	Silhouette	22/40		1000w	20
CCT	Silhouette	16/28		1000w	4
Strand	Prelude	28/40		650w	4

# **CONVENTIONAL WASH**

Make	Model	Detail / Accessories	Watt	Total
Selecon	Rama	Fresnel	1000w	10
CCT	Starlette PC		1000w	10
CCT	Minuette PC		650w	4
CCT	Starlette Fresnel		1000w	20

# **LED WASH**

Make	Model	Detail / Accessories	Watt	Total
Aryton	Merak	Standard Mode		12
ShowTech	Quad18			6

# **PARCANS**

Make	Model	Angle	Detail / Accessories	Watt	Total
NA	Par 64 240V			1000w	6

# WASH/FL00DS

Make	Model	Detail / Accessories	Watt	Total
Silver Star	MYCYC2			12

# **MOVERS**

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Martin	Mac 350 Entour	Extended		418	6

# FX

Make	Model	Detail / Accessories	Watt	Total
	UltraViolet Battens		36w	6
Martin	Jem Compact	Haze Machine		1
ShowTech	FusionBar QXV			6





# **FOLLOW SPOTS**

Make	Model	Angle	Detail / Accessories	Watt	Total
CCT	Silhouette CID		6 frame magazine	1000w	1

# **PATCHING**

Location	Quantity	Numbering	Detail / Accessories
FOH Bridge	20	1 – 20	
OP Perch	7	21 – 28	
PS Perch	7	29 – 36	
OP Diptraps	4	37 – 41	
PS Diptraps	4	42 – 46	
OP Pro Boom	5	47 – 52	
PS Pro Boom	5	53 – 58	
LX1	19	60 – 79	
LX2	19	80 – 99	
LX3	19	100 – 119	
LX4	10	120 – 139	
Orchestra Bar	10	140 - 150	

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# **AUDIO**

### **CONTROL POSITIONS**

Standard Rear of auditorium in control room Touring Behind exit steps midway up the stalls

# **AUDIO CONSOLES**

Digico SD9

#### **AMPLIFICATION**

#### F0H

Camco V6 Amplifier

### **MONITORS**

Nexo 4-way Amplifier Nexo PS15 Brain Camco V6 2 Channel

#### **SPEAKERS**

#### **FOH**

6 x Nexo Geo S12 elements (3 per side)

2 x Dual 18inch subs

# **MONITORS**

6 x Nexo PS15 Monitor Wedges

#### **CABLING**

The theatre has minimal stock of microphone and speaker cable to accommodate the venue's own equipment. Please consult with the Technical Coordinator should you have higher cabling requirements.

#### **MICROPHONES**

Make	Model	Detail / Accessories	Total
Shure	SM58		6
Shure	SM57		5
EV	EL PL80		1
Beyer	M201		3
Shure	SM202	Mini Condenser	4
Sennheiser	Ew500G3	RX Handheld – e935 Caps	6
Sennheiser		Lapel Buds 5	
Sennheiser		Headset mic 6	
Audiotechnica	AT8410A	Shot Gun	1
JTS	JM-X2	Kick Mic 1	
Berringer	ECM8000	O/Head Dynamic 1	
ProDJ	PDM52	DI 4	

#### **AUDIO POWER**

PS DS Stage Level - 1 x 45A 3 Phase Outlet (DS of fly rail)

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# **VISION**

#### **PROJECTION**

In the auditorium just upstage of the FOH Lighting bridge is a ceiling mounted Panasonic PTEW730.

### **VISION MIXING / SWITCHING**

Kramer VP728 Switcher Roland V60 Vision Mixer

#### **CABLING**

The theatre has a minimal stock of coaxial, VGA and HDMI cable. Please consult with the Technical Coordinator should you have higher cabling requirements.

#### **CINEMA**

The theatre has a full Digital Dolby surround sound Cinema system.

#### **PROJECTOR**

Barco BME DP2K-15CLP ICP Laser projector

#### **SERVER**

Doremi IMB Media Block with Doremi ShowVault storage

#### **SCREEN**

11m wide x 4.8m high Harkness perforated cinema screen (flown on stage Line 12) with motorized cinema masking on screen

#### **SOUND**

Dolby CP45 cinema processor with TOA & QSC Amplifiers 3x JBL 4675C 2x 15" & horn (Centre, Left & Right), 1x JBL 4645K 1x 18" Sub all flown on stage Lines 14 & 15 8x Krix 10 Dual Cone surround speakers (4x per side)



# **BACKSTAGE**

### STAGE MANAGERS CONSOLE

Stage Managers desk is in prompt corner. The desk has no movement within this area and is fitted with -

Desk Lights Paging Mic

Talkback Master Stations

#### **TALK BACK**

### **TALKBACK PATCHING LOCATIONS**

1x Auditorium Mixing Position

2x Stage Managers Console

2x Fly Rail (Stage Level)

1x Dimmer Room

5x Control Room

1x Auditorium Mix Position

1x Orchestra Pit

1x Auditorium Row S at Centre

1x OP Corner

### **TALKBACK BELT PACKS**

6x Jands Ezi Comms Wired Belt Packs with Headsets

2x Wireless Beltpacks with Headset

#### **DRESSING ROOMS**

Dressing Room	Capacity	Toilets	Shower	Details
Chorus	20	Y C*	Y C*	Chorus Room (Male)
Chorus	20	Y C*	Y C*	Chorus Room (Female)
Band	20	N	N	Band Room w/ access to Pit
Star 1	2	N	Υ	
Star 2	2	N	Υ	
Green Room	Small			

<sup>\*</sup>C – Connecting door to amenities

#### LAUNDRY/WARDROBE

All washing facilities are located in the Band Room.

1x Washing Machine

1x Dryer

Drying Rooms N/A

Iron / Ironing Board 1 of each

Clothes Racks 1 or 2 per room

Drying rack Rack/line is available band room

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# **PRODUCTION FACILITIES**

# **GREENROOM**

Tea / Coffee Facilities YES
Fridge / Freezer YES
Microwave YES
Running Hot/Cold Water YES

# **STAGE DOOR ACCESS**

Stage Door is located beside the loading dock on Post Office Lane at street level.

### **VENUE PLANS**

A range of PDF's, DWG's and WWX's are available from the Technical Coordinator upon request.

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# **CONTACT INFORMATION**

### VENUE

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#### **TECHNICAL COORDINATOR**

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