

# Clocktower Centre

## *Clocktower Centre*

### **Technical Specifications**

Updated  
190310

**Technical Manager: Matthew Pope**

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**Venue:**

Phone number: 03 9243 8819  
Fax number: 03 9243 9177

*Additional contact details are located on the final page*

## **STAGE**

### **Brief Stage Description:**

**Unraked stage with a proscenium arch and flying facilities. Structural plywood floor covered with masonite sheets. Screwing into surface permitted but larger holes to be authorised by Technical Manager.**

Stage distributed load limit	<b>700kg / m2</b>
Stage Point load limit	<b>400kg</b>
Orchestra Pit distributed load limit	<b>200kg / m2, maximum 6,000kg</b>
Orchestra Pit Point load limit	<b>200kg</b>
Stage Rake	<b>NO</b>

### **Stage Dimensions:**

#### **Proscenium**

Width	<b>10.96 metres</b>
Height	<b>6 metres</b>

#### **Setting Line**

**1.75 metres upstage of the fixed stage/forestage.**

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

SL to DS edge of apron	<b>4200mm</b>
SL to DS edge of Orchestra Lift/Pit	<b>4200mm</b>
SL to last upstage fly line	<b>7250mm</b>
SL to rear wall	<b>7400mm</b>
CL to OP wall (or obstruction)	<b>8100mm</b>
CL to PS wall (or obstruction)	<b>11000mm</b>
Stage to underside of grid / roof	<b>15000mm</b>

#### **Overhead obstructions**

PS Gallery height	4000mm
OP Gallery height	5600mm

### **Auditorium:**

Auditorium consists of stalls (290 seats) and a dress circle (213 seats).

Seating capacity with additional  
Orchestra lift/pit seating installed **543**

Seating capacity without  
Orchestra lift/pit seating installed **503**

### Orchestra Lift / Pit:

#### **Orchestra Pit**

A motorised orchestra pit that must be operated by competent staff only.

Set positions for orchestra lift where lift at auditorium level is 0mm

Stage level at **1100mm** above auditorium.

Orchestra pit level at **1600mm** below auditorium.

Lift can be set at any height **Yes**

SWL of orchestra lift **6 tonnes with a maximum point loading of 10kN**

Dimensions of the orchestra pit Usable area for an orchestra is 12metres x 2.5 metres

### Flying Facilities:

#### **Fly System**

The fly system is a single purchase handline system.

#### **Fly System Details**

Operating position **Stage Level, OP.**

Total number of lines **30**

Panorama Lines **1 bar OP and 1 bar PS.**

Batten Drift **14500mm**

Batten type **40NB medium steel pipe, (48.3 outside diameter)**

Batten length **11200mm**

LX bars can be swung **YES**

Fly bars can be swung **YES**

#### **Standard Operation**

Batten point load **at lift line 325kg, between lift lines 60kg**

Batten W.L.L. **350kg**

Cradle capacity **350kg**

#### **With Cradle Extensions**

Batten point load **at lift line 400kg, between lift lines 60kg**

Batten W.L.L. **500kg**

Cradle capacity **500kg**

*SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO*

#### **Additional Rigging points**

none

**Hanging Plot:***SL: Setting Line as indicated previously**Line Type: **SP** = Single purchase, **DP** = Double purchase, **MW** = Motor Winch, **HW** = Hand Winch, **HL** = Handline**W.L.L.: Maximum distributed load including bar weight*

<b>Line #</b>	<b>Dist. from SL</b>	<b>Line Type</b>	<b>W.L.L</b>	<b>Venue Allocation</b>	<b>Intended Use</b> <i>(hiring company use)</i>
H.C	350mm DS	SP	350kg	House Curtain	Not available
1	150mm DS	SP	350kg		Available
2	N/A				
3	250mm	SP	350kg	LX1	Not available
4	N/A				
5	650mm	SP	350kg		Available
6	850mm	SP	350kg	Leg	Not available
7	1050mm	SP	350kg		Available
8	1250mm	SP	350kg		Available
9	1450mm	SP	350kg		Available
10	1650mm	SP	350kg	Border	Not available
11	1850mm	SP	350kg	Leg	Not Available
12	2050mm	SP	350kg	LX2	Not Available
13	N/A				
14	2450mm	SP	350kg		Available
15	2650mm	SP	350kg		Available
16	2850mm	SP	350kg	Border	Not available
17	3050mm	SP	350kg	Mid Tabs	Not available
18	3250mm	SP	350kg		Available
19	N/A				
20	3650mm	SP	350kg		Available
21	3850mm	SP	350kg		Not available
22	4050mm	SP	350kg	Border	Not available
23	4250mm	SP	350kg	Leg	Not available
24	4450mm	SP	350kg	LX3	Not available
25	N/A				
26	4850mm	SP	350kg	Par Can's	Not available
27	5050mm	SP	350kg	Border	Not available
28	5250mm	SP	350kg	Leg	Not available
29	5450mm	SP	350kg		Available
30	5650mm	SP	350kg		Available
31	5850mm	SP	350kg	LX4	Not available
32	N/A				
33	6250mm	SP	350kg	Rear Tabs	Not available
34	6450mm	SP	350kg		Available
35	6650mm	SP	350kg		Available
36	6850mm	SP	350kg	Panarama OP	Available
37	7050mm	SP	350kg	Panarama PS	Available
38	7250mm	SP	350kg	Cyclorama	Not Available

Drapery:

<b>*Type</b>	<b>Material</b>	<b>Colour</b>	<b>Width</b>	<b>Height</b>	<b>Quantity</b>
House Curtain	Velour	Mustard	6350mm	6500mm	1
Borders	Velour	Black	12200mm	3000mm	4
Legs	Velour	Black	2200mm	6300mm	4 pair
Tabs / Smother	Velour	Black	6400mm	6300mm	2 pair
Cyclorama	Cotton Canvas	White	12200mm	7000mm	1
Scrim	N/A				

Access Equipment:

**Elevated Work Platform**

JLG 20MVL self propelled single Man Lifter

Maximum reach is 5970mm

**EWP Restrictions**

Must be operated by Clocktower Staff.

Outriggers must be used at all times.

One additional staff member to be located at base whilst in use.

**Ladders**

(1) 3' "A" Frame aluminium.

(1) 6' "A" Frame aluminium.

(1) 12' "A" Frame fibreglass.

Staging Units:

(2) Ezy Staging Units, 1800 x 2400 x 400 or 600mm

(1) Ezy Staging Treads, 400mm

Stage Covers:

**Style** N/A

**Dimensions** N/A

**Colour** N/A

Stage Traps:

Four Traps on either side of stage (mirrored) at 1450mm, 3150mm, 4850mm and 6550mm upstage of SL. All have dimensions of 290 x 150mm.

Safety Curtain:

Safety Curtain installed **No**

Safety Curtain must be unobstructed at all times **N/A**

Thickness of Fire Curtain **N/A**

Distance from setting line **N/A**

**Additional Requirements**

None

### Loading Dock:

#### **Access**

Truck access via Pascoe Vale Road. Up to 8 Tonne Trucks can reverse into loading dock.

Loading Dock Height      **6500mm**

Door Dimensions            **4200mm High**  
   **3200mm Wide**

#### **Restrictions / Obstructions**

Stage Level is 2100mm above dock/street level.

Goods lift 1900 x 2200.

Inner Roller Door -      **3350mm High**  
   **3300mm Wide**

Semi trucks are to be parked on street and all equipment to be transferred by hand to the goods lift.

### Staging Notes:

All flown items must be rigged with rated equipment and is subject to approval by a venue representative.

Limited rigging gear available in house. All flown items must be approved by a venue representative.

The Clocktower Centre reserves the right to refuse any flown item at any time.

All flying must be supervised by a venue representative.

## LIGHTING

### Positions:

**PLEASE READ THE TEMPLATE INSTRUCTIONS FOR MORE INFORMATION ON THESE MEASUREMENTS.**

**Note:** Please rename lighting positions to suit your venue. If additional detail or specifics are available please add to the appropriate section.

**Stage LX Bars** LX Bars can be swung with prior notice to the venue staff.

*See hanging plot for standard LX bar locations*

#### **FOH Bridge 2**

Setting Line to lighting bar	<b>12000mm</b>
Usable bar width	<b>12900mm</b>
Notes	-

#### **FOH Bridge 1**

Setting Line to lighting bar	<b>6400mm</b>
Usable bar width	<b>12900mm</b>
Notes	-

#### **Orchestra Bar**

Setting Line to lighting bar	<b>N/A</b>
Usable bar width	<b>N/A</b>
Notes	N/A

#### **Dress Circle Bar**

Setting Line to lighting bar	<b>18700mm</b>
Usable bar width	<b>16500mm</b>
Notes	No patch points available on bar.

#### **FOH Perches (OP & PS)**

Perch US (OP &PS)	<b>8200mm (CL), 1800mm (SL)</b>
Perch DS (OP &PS)	<b>8200mm (CL), 5700mm (SL)</b>
Maximum lights per perch	<b>(8) Selecon Pacific Zoomspots</b>
Notes	Maximum rigging height 4000mm

### Control:

Lighting desk	<b>Strand 520i</b>
Control channels	<b>250</b>
Attribute channels	<b>500</b>
Signal output	<b>[Click here and type signal output]</b>
Signal distribution	<b>Two rings of DMX to isoports around building. Distributed dimming system</b>
Remote riggers available onstage	<b>Yes</b>

Dimmer Racks:

<b>Total Dimmer Racks</b>	<b>14</b>
2.4Kw Dimmer Racks	<b>Jands HP -12 (Digital)</b>
Total dimmers @ 2.4kw per dimmer	<b>144 channels</b>
5Kw Dimmer Racks	<b>Jands HP - 6 (Digital)</b>
Total dimmers @ 5kw per dimmer	<b>12 channels</b>

House Lights:

Independant control	<b>Yes</b>
Control positions	<b>Control Room and Stage Managers Console.</b>
Fade time adjustable	<b>Yes</b>

Stage Luminare:

**Profiles**

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Pacific	12/28	(10) Gobo holders to suit, (2) iris'	1000w	<b>30</b>
Selecon	Pacific	26/50		1000w	<b>20</b>
Selecon	Pacific	12/28	(10) Gobo holders to suit, (2) iris'	600w	<b>12</b>
Selecon	Pacific	26/50		600w	<b>12</b>

**Fresnel's**

Make	Model	Detail / Accessories	Watt	Total
Selecon	HP	(16) Barndoors	1200w	<b>16</b>
Selecon		(20) Barndoors	650w	<b>20</b>

**PC**

Make	Model	Detail / Accessories	Watt	Total
Selecon	HP	(16) Barndoors	1200w	<b>16</b>

**Par Cans**

Make	Model	Angle	Detail / Accessories	Watt	Total
James Thomas	Par64	MFL	(20) 240V Lamps, MFL Only	1000w	<b>20</b>
ProPar LED	Tricolour		All DMX controlled (6) chans	60w	<b>20</b>

**Wash**

Make	Model	Detail / Accessories	Watt	Total
Selecon	Aurora	(4) cells per unit	1250w	<b>6</b>
Selecon		(6) single units all barndoor.	500w	<b>6</b>

**Movers**

Make	Model	Control Channels	Detail / Accessories	Watt	Total
N/A					

**Followspots**

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Performer	5 - 20	8 colour magazine	1200w	<b>2</b>

**Additional Lighting:**

Item	Make	Model	Detail / Accessories	Watt	Total
Mirror Ball	-	18"	18" diameter ball with motor		2
Pin Spots	-	-			6
Molefay Duets				1200w	2
Strobe	Martin	Giga strobe	DMX controlled (2) chans	1500w	

**Patching:**

Location	Quantity	Numbering (PS to OP)	Detail / Accessories
FOH 1	26	25-44 / 75-80	
FOH 2	26	45-64 / 69-74	
LX 1	36	1 - 36	
LX 2	24	1 - 24	
LX 3	24	1 - 24	
LX 4	24	1 - 24	
PERCH DSP	6	13 - 18	
PERCH DSOP	6	19 - 24	
PERCH USP	6	1 - 6	
PERCH USOP	6	7 - 12	

**Production Desk:**

Production desk set-up at the back of the stalls. Table accommodates 2 people with dimmable lighting, DMX for the lighting desk, talkback, and audio patch lines.

**Power:**

**3 Phase Outlets**

- (2) 40A understage on PS (one for dimmer use only)
- (1) 40A understage on OP (dimmer use only)
- (1) 40A tech office.
- (8) 40A PS Gallery (dimmer use only) & (1) 32A PS Gallery.
- (2) 40A OP Gallery
- (1) 40A in Foyer

**Cabling:**

**240v Extension Cable**

The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig.

**Looms**

- (2) 20m 5-way Weilands
- (2) 20m 8-way Weilands
- (2) 30m 5-way Weilands
- (2) 30m 8-way Weilands

**3 phase Extensions**  
(2) 40 AMP 20m

## **AUDIO**

### **Control Positions:**

#### **Control Room**

Above Dress Circle. Control Room open to Auditorium

#### **Auditorium**

Located at rear of Stalls in the centre of row N or M. Seats must be allocated if company desk is to be placed in this position. (Please note that Clocktower's audio desk will not be removed from the Control Room).

#### **Other**

Prompt side at Stage Managers console, mixer can be patched through to house system.

### **Control & Amplification:**

#### **Primary Mixer**

Allen & Heath GL3800/32C, 32 channel, 4 stereo inputs, 10 auxileries, 8 groups and phantom power.

#### **Amplifiers**

- (3) Yamaha H5000 power amplifiers, 2 channel
- (2) MC2 Audio T1000 power amplifiers, 2 channel

#### **EQ**

Soundweb

#### **FX**

Yamaha digital reverberator REV500

#### **Compression / Limiter**

Soundweb

### **Speakers:**

#### **FOH Speakers**

- (1) Tannoy T300 centre
- (2) Tannoy T300 left and right
- (4) Monitor 1 rear delays for dress circle
- (2) Function One Subs

#### **Foldback**

- (4) Monitor 1 overhead foldback monitors rigged on LX 1
- (4) Monitor 1 overhead foldback monitors rigged on LX 3
- (2) Quest powered speakers
- (1) RCF ART310 powered speaker

Playback:

Item	Make	Model	Detail	Total
CD Player	Marantz	PMD 321	Single CD Player	1
CD/ Cassette Player	Denon	DNT 620	Single CD and cassette player	2
Mini Disk	Denon	DN 1050R	Single Mini Disk player	2
CD Player	Tascam	CD-01UPro	CD-01UPro	2

Microphones:

Make	Model	Detail / Accessories	Use	Total
Shure	SM Beta 58a	Clips	Vocals	3
Sennheiser	E845	Clips	Vocals	3
Sennheiser	E845	Switch and Clip	Vocals	1
Sennheiser	EW 500	Handheld Radio with Clips	Vocals	3
Sennheiser	EW 500	Lapel Radio	Vocals	1
AKG	CK 47	Choir Microphone	Choir	3
Shure	MX393/S	Plate Microphone	Choir	3

Accessories:

Item	Model	Detail / Accessories	Total
Microphone Stands	Tripod Base	With Boom Arm	7

Patching:

Location	Quantity	Numbering	Detail
Control Room	40	1 – 40	32 sends, 8 returns
Production Point	40	1 – 40	32 sends, 8 returns
OP Wing	24	1 – 24	24 sends
Orchestra Pit	24	1 – 24	24 sends
Rear Stage Prompt	4	1 – 4	4 sends
Rear Stage O Prompt	4	1 – 4	4 sends
Foyer	4	1 – 4	4 returns

Cabling:**Audio Cable**

The theatre has a good stock of cable to accommodate the venue's audio equipment. If additional audio equipment is being brought in additional cabling will be required.

**Multicore**

(1) 10m, 12 lines]

## **AUDIO VISUAL**

### **Projection Room:**

N/A

### **Projectors:**

Boardroom projector available, 1100 lumens

### **Screens:**

Cyclorama can be used as a screen.

### **Projector Rigging Points:**

Projector can be hung from any of our flown lighting bars.

### **Cabling:**

The theatre has some stock of VGA and RCA cable to accommodate the venue's own equipment.

## **BACKSTAGE**

### **Communications:**

#### **Stage Managers Desk**

Stage Managers desk is located in prompt corner. The desk can be moved within it is area and is fitted with a light, clock, stage video and audio, talkback and dressing room paging.

#### **Talkback**

Master Unit

**Creative Audio C120 command centre two running two common loops**

**HME BS200 Base Station wireless system integrated into Creative audio system**

Total sub stations

**6 beltpack with headsets, 4 sqwark boxes**

**5 beltpacks (wireless) with headsets**

Talkback patching located at: **Stage Managers Desk (master station)**  
**Control Room, lighting, audio, dome x 2**  
**Flys OP**  
**US x 2**  
**Production Position and Centre Stalls**  
**Orchestra Pit**  
**Green Room**

#### **Paging / Show relay**

Paging to the dressing rooms is available from the stage managers desk. Show relay is distributed to all dressing rooms and green room. Most rooms have an individual volume control.

#### **Stage Monitor**

TV's set-up in green room, foyer and SM position. Camera located centre of FOH 2

#### **Q Light System**

In house Q light system available **No**

### Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Rm #1	2	1	Yes	
Dressing Rm #2	2	1	Yes	
Dressing Rm #3	6	No	No	Shared shower & toilets with DR #4
Dressing Rm #4	11	No	No	Shared shower & toilets with DR #3
Studio	80	No	No	Additional room if required

### Laundry / Wardrobe:

Washing Machines	<b>One</b>
Dryers	<b>One</b>
Iron / ironing board	<b>One</b>
Clothes racks	<b>4 mobile racks, each dressing room has fixed rails</b>

### Production Facilities:

#### **Production Office**

No. Dressing room #4 can be used as an office

#### **Phone**

A phone can be patched to dressing room #4 on request

#### **Fax**

Yes

#### **Access to phone for internet access**

Access to standard phone line (dressing room #4) for internet and office Network.

### Greenroom:

Tea / Coffee facilities	<b>Yes</b>
Fridge	<b>Yes</b>
Microwave	<b>Yes</b>
Running water	<b>Yes</b>

### Stage Door:

#### **Access**

Stage Door is located next to loading dock on Pascoe Vale Road. This door is unsupervised and kept locked at all times. Generally access for cast and crew is through main front entrance.

## **ADDITIONAL FACILITIES & INFORMATION**

### Orchestral:

N/A

### Rehearsal Space:

Studio, 10.5m x 9m, timber floor. Bookings required for use

## **VENUE:**

### **Venue Contacts:**

Venue Address **750 Mt Alexander Road, MOONEE PONDS, VIC 3039**

Venue Postal Address **750 Mt Alexander Road, MOONEE PONDS, VIC 3039**

### **Staff Contacts:**

**Operations Manager** **Matthew Pope**  
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### **Venue Plans:**

#### **Venue Plan Available**

Yes, hard copy at 1:100 can be mailed, or a PDF emailed upon request. Also available at our web site.

#### **Venue Section Available**

Yes, hard copy at 1:100 can be mailed, or a PDF emailed upon request. Also available at our web site.