



WARRNAMBOOL  
CITY COUNCIL



## **Technical Specifications**

### **MAIN THEATRE**

Version 6

29/01/18

#### **Technical Services**

##### **Coordinator:**

**Xavier Dannock**

Phone number: 03 5559 4988

Mobile Number: 0402 973 030

Email address: [xdannock@warrnambool.vic.gov.au](mailto:xdannock@warrnambool.vic.gov.au)

##### **Venue:**

Phone number: 03 5559 4999

Website: <http://www.lighthouse theatre.com.au/>

E-Mail: [lighthouse@warrnambool.vic.gov.au](mailto:lighthouse@warrnambool.vic.gov.au)

*Additional contact details are located on the final page*

## **STAGE**

### **Brief Stage Description:**

Unraked stage with proscenium arch and flying facilities. Masonite surface painted stage black with plywood subfloor over concrete slab. Screwing into floor is permitted with up to 25mm standard chipboard screws. Larger screws or holes require permission from Technical Coordinator, and may not be permitted. Crossover is back stage via dressing room corridor. **There is no on-stage crossover.**

Stage Distributed Load Limit           **750kg/m<sup>2</sup> (7.5kPa)**  
 Stage Point Load Limit               **4.5kPa (450kg)**  
 (above limits do not include pit lids)

Stage rake                                   **No**

### **Other Load Limits:**

Pit Lids (per lid):	Distributed: <b>250kg/m<sup>2</sup></b>	Point: <b>1kPa in 100mm<sup>2</sup></b>
Stair In-fills:	Distributed: <b>300kg/m<sup>2</sup></b>	Point: <b>1kPa in 100mm<sup>2</sup></b>
Stage Extension (per unit):	Distributed: <b>250kg/m<sup>2</sup></b>	Point: <b>1kPa in 100mm<sup>2</sup></b>

### **Stage Dimensions:**

#### **Proscenium**

Width                                   **8200mm**  
 Height                                 **5200mm at centre of arch**

**Note: Standard drapery trim height is 4.5m stage to underside of borders.**

#### **Setting Line**

US edge of proscenium arch

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

SL to DS edge of apron	<b>2400mm</b>
SL to DS edge of Orchestra Pit	<b>1900mm</b>
SL to first fly line	<b>200mm</b>
SL to last upstage fly line	<b>8300mm (note this line is hand winch)</b>
SL to last upstage CW line	<b>7000mm</b>
SL to rear wall	<b>8800mm</b>
CL to OP wall (or obstruction)	<b>8700mm</b>
CL to PS wall (or obstruction)	<b>9500mm</b>
Stage to underside of grid or roof	<b>11000m</b>

#### **Overhead obstructions**

Galleries on both OP & PS Sides running full length up and down stage  
 PS Gallery, 8250mm off CL & 4600mm off stage deck  
 OP Gallery, 8000mm off CL & 4700mm off stage deck

Auditorium:

Auditorium consists of stalls only with two aisles running full length of the seating. Normal configuration has FOH sound operator position in auditorium.

Seating capacity with seating in normal configuration (Sound desk in auditorium)	<b>567</b>
Seating capacity with all seating in place (Not suitable for live sound events)	<b>583</b>
Seating capacity <u>with</u> stage extensions in use	<b>556 or less</b>

**Please Note:**  
Changing the seating layout from the standard (sound desk in auditorium) will **incur a charge** for removal of sound desk and installation of seats and then reinstatement to standard.  
A **charge is also applicable** for installation and removal of the stage extension.

Grand Piano:

Steinway D - 9ft Grand Piano

(Piano is tuned on request at a cost to the hirer. Please speak to Technical Coordinator for further information. Unless tuned *at cost* to the hirer, we do not make any guarantees regarding how in tune the piano will be.)

Orchestra Lift / Pit:

**Orchestra Pit**

The Orchestra pit is covered with fixed floor sections that require three crew minimum to remove. Pit has vented front to auditorium, therefore minimum lid removal is only 1 lid. However overall dB level must be maintained below standard exposure of 85dB across 8 hours or peaks of 110dB. Pit is carpeted with solid walls, except for vented front to auditorium. Small conductor's podium available.

Dimensions of the orchestra pit **3m x 8.5m (20cm<sup>2</sup> Pole in the centre)**

Orchestra pit maximum capacity **18 (inc. allowance for drum kit)**

Flying Facilities:

**Fly System**

The fly system is a single purchase counterweight system, with three hand winch lines.

**Fly System Details**

Operating Position	<b>OP at stage level</b>
Total number of Lines	<b>35 CW   3 HW</b> ( <i>Panorama bars and Line 36 [US Wall]</i> )
Panorama Lines	<b>2 Panorama Bars, one on PS and one OP, operated by hand winches up stage.</b>
Batten Drift	<b>10000mm</b> ( <i>deck to grid</i> )
Batten Type	<b>48mm O/D steel water pipe</b> ( <i>traveller lines are not 48mm O/D pipe and track is welded to pipe</i> )
Batten Length	<b>11-13m unless specified in the hanging plot below</b>
Batten Extensions	<b>N/A</b>
Batten Pick-ups	<b>4 evenly spaced along the bar</b>
Batten Point Load	<b>50kg</b>
Batten W.L.L.	<b>340kg</b>
Cradle Capacity	<b>340kg</b> ( <i>34 full weights</i> ) <i>(cradles cannot be filled past max bar weight)</i>
LX bars can be swung	<b>Yes, requires three crew on a min. 3 hour call prior to bump in</b>
Fly bars can be swung	<b>Yes</b>
Venue Counterweights	<b>Steel bricks, 10kg full, 5kg half.</b>

Approx 4.5t of weight available. Please confirm with Tech Coordinator if using a lot of weight.

**PLEASE NOTE: Counterweight cradles will not be overfilled past weights that can be safely loaded into cradle or until 340kg is reached. No shot-bags or other devices are permitted to be attached, steel weights only.**

*SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO*

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

Line #	Distance from SL	Line Type	W.L.L	Venue Allocation	Intended Use <i>(hiring company use)</i>
1	200mm	SP	340kg	Blue Velvet Valance	Does not move
2	400mm	SP	340kg	Blue Velvet House Tabs	Does not move
3	600mm	SP	340kg		
4	800mm	SP	340kg	LX 1	
5	1000mm	SP	340kg		
6	1200mm	SP	340kg	Black Wool Border	
7	1400mm	SP	340kg	Black Wool Legs	
8	1600mm	SP	340kg		
9	1800mm	SP	340kg	Spare White Cyclorama	(generally used for projection)
10	2000mm	SP	340kg		
11	2200mm	SP	340kg	Black Wool Border	
12	2400mm	SP	340kg	Black Wool Legs	
13	2600mm	SP	340kg	LX 2	
14	2800mm	SP	340kg		
15	3000mm	SP	340kg		
16	3200mm	SP	340kg		
17	3400mm	SP	340kg		
18	3600mm	SP	340kg	Black Wool Border	
19	3800mm	SP	340kg	Black Wool Legs	
20	4000mm	SP	340kg	Black Wool Traveller	
21	4200mm	SP	340kg		
22	4400mm	SP	340kg	LX3	
23	4600mm	SP	340kg		
24	4800mm	SP	340kg		
25	5000mm	SP	340kg	Black Wool Border	
26	5200mm	SP	340kg	Black Wool Legs	
27	5400mm	SP	340kg		
28	5600mm	SP	340kg		
29	5800mm	SP	340kg		
30	6000mm	SP	340kg	LX 4	
31	6200mm	SP	340kg		
32	6400mm	SP	340kg	Black Wool Legs	
33	6600mm	SP	340kg	Black Wool Traveller	
34	6800mm	SP	340kg		(generally for backdrop)
35	7000mm	SP	340kg	Main Cyclorama	
36	8300mm	HW	250kg	LX 4a – Cyc Lights	(against rear brick wall)
PS PANO	Traverse	HW	250kg	2x QSC K12 sidefill	
OP PANO	Traverse	HW	250kg	2x QSC K12 sidefill	

**Key:****Orange:** These bars cannot pass LX bars. You may use but must be a static hang.**Light Blue:** These items do not get removed from bars.

Drapery:

*Type	Material	Colour	Width	Height	Quantity
House Curtain	Velvet, 50% fullness	Blue	10500	5500	1
Valance	Velvet, 50% fullness	Blue	11000	2000	1
Borders	Wool, 0% fullness	Black	15000	2200	5
Legs	Wool, 0% fullness	Black	4200	5500	10
Tabs	Wool, 50% fullness	Black	7500	5700	4
Cyclorama	Filled Cloth	White	10000	5500	1
Cyclorama	Filled Cloth	White	13000	4000	1
Scrim	Sharkestooth Gauze	Black	10000	5500	1

All Drapes are treated to be fire retardant. Some other drapes including extra borders and legs may be available on consultation with the theatre. All incoming theatre drapery **must** be treated to be fire retardant to AS3959:2010

Access Equipment:

**Elevated Work Platform**

Haulotte Quick Up 11 (**Push Around** Vertical Lift)

Maximum reach is **11m**

**EWP Restrictions**

Outriggers must be used at all times, one staff member to be located at base whilst in use. EWP cannot be used on orchestra pit lids.

**Ladders**

1 x 2m A-Frame

1x 8ft A-Frame

2x 6ft A-Frame

Staging Units:

10x Power Stage Podium Series Units

1m wide by 2m long. Legs available at 400mm (with wheels) and 600mm (with feet).

Carpeted tops. 2x 400mm step units and 1x 600mm step unit available.

**Load limit: 500kg distributed, 150kg point load.**

**Note: Using more than 6 units may incur a charge for moving between venues.**

Stage Covers:

**Style** 3mm flat vinyl (not Tarkett)

**Dimensions** 5x 15m long x 1.8m wide strips - +1 strip cut for front of stage proscenium

**Colour** Black

*(Vinyl is not stored on the stage. Use will incur a charge for installation)*

Stage Traps:

3 each on OP and PS, Lighting and audio points available. Please speak to Tech Coordinator if you intend to use these.

Safety Curtain:

Safety Curtain installed **No**

**Please note: Deluge system is installed on proscenium arch. This must not be obscured or damaged.**

## Loading Dock:

### **Access**

Dock runs parallel to Timor St; please note it is at a 90 degree angle to the loading door. Drive in from the Liebig Street end (Head west along Timor) and then pull in across the front of building. Drive over in ground hydraulic lift then stop vehicle.

**NOTE:** Access time MUST be prearranged to allow for bollards to be lowered.

Main access to dock is via variable height hydraulic lift platform (rated to 4t) then lift is levelled to dock door height and load in is direct onto stage.

Due to OH&S procedures, the truck or vehicles are required to be parked in the loading dock at least 1 hour prior to the show time, if it is expected bump out will occur following the show. No vehicle access will be permitted whilst the public are exiting the building.

**Loading Dock Height      2140mm**

**Door Dimensions      2000mm High**

**2800mm Wide**

### **Restrictions / Obstructions**

**Dock is only 2140mm high (to ceiling) once past dock door**

## Staging Notes:

All flown items must be rigged with rated equipment and is subject to approval by the Technical Coordinator or Duty Technician.

Limited rigging gear available in house, including lifting straps, shackles and pulleys.

Please consult Technical Coordinator if you are planning to use in house rigging.

### **IMPORTANT:**

**All flown shackles must be moused and must only be via stamped or marked rigging with W.L.L. Carabineers must be dual locking or screw gate style. No unrated rigging is accepted for use in the Lighthouse Theatre. This will be determined by the Duty Technician at bump in.**

## LIGHTING

### Positions:

#### **Stage LX Bars**

4 LX bars over stage. LX Bars can be swung, requires 3 crew on a 3 hour call prior to bump in.  
See hanging plot for standard LX bar locations

#### **FOH Gantry**

Setting Line to lighting bar **10m @ 41°**

Usable bar width **10m**

Notes: 3 bars running the width of the bridge at about 500mm apart. Follow spots are permanently rigged at 2.5m either side of centre on middle and upper bars. LX Patching and DMX output available.

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

Setting Line to FOH Boom **8.7m @ 19°**

*Distances are to the lowest downstage point of boom*

Maximum lanterns per boom **5**

Notes: Patching and DMX available

### Control:

Lighting desk **ETC ION 1000** (*Backup desk: ETC Element 40*)

Control channels **Two Universes (1024 total channels)**

Signal output **5 Pin DMX**

Signal distribution **Two data streams distributed by active LSC IsoPort system throughout building. Dual DMX inputs available around stage and control room. Outputs located in a variety of locations.**

Remote riggers available onstage **iPad with ETC iRFR app or oscEos app available**

### Dimmer Racks:

Total Dimmers **Total Dimmers = 168**

Dimmer Locations **Permanently mounted on dimmer gallery on PS wall**

2.4Kw Dimmer Racks **LSC EKO 24 channel wall mount**

Total dimmers @ 2.4kw per dimmer **144**

Portable 2.4Kw Dimmer Racks **LSC iPak 12 channel**

Total dimmers @ 2.4kw per dimmer **24**

5Kw Dimmer Racks **None**

Total dimmers @ 5kw per dimmer **None**



House Lights:

Control Options	<b>Can be controlled from Dynalite system or patched into ETC ION (Universe 2, DMX 1-64).</b>
Control positions	<b>Control Room and SM Desk (Dynalite)</b>
Fade time adjustable	<b>Yes (0 to 10 seconds)</b>
Notes:	House lights are warm LED units. Feature house lighting includes RGB LED strips around the perimeter of the auditorium roof and up-lighting the columns around the sides of the auditorium.

Stage Luminaires:

**Profiles**

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Pacific	14/35		1000w	<b>22</b>
Selecon	Pacific	23/50	With Gobo Holders	1000w	<b>10</b>
Selecon	Pacific	45/70		1000w	<b>2</b>
Selecon	Axial Acclaim	18/34		600w	<b>14</b>
Selecon	Axial Acclaim	22/44		600w	<b>20</b>

**Fresnel's**

Make	Model	Detail / Accessories	Watt	Total
Selecon	Acclaim Fresnel	All with Doors	650w	<b>38</b>
Selecon	Rama Fresnel	All with Doors	1200w	<b>42</b>

**Par Cans**

Make	Model	Angle	Detail / Accessories	Watt	Total
ProPar	TriColour	25	9 Black, 7 Chrome	40w	<b>16</b>
Philips	Showline SL-155	8-40*	LED – RGBW (9x15w RGBW chips)	135w	<b>9</b>

**Wash**

Make	Model	Detail / Accessories	Watt	Total
Prolite	Ground Row	4-Way	1000w	<b>6</b>
Selecon	LUI	4-Way	1000w	<b>8</b>

**Movers**

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Robe	300 Spot - Classic	24	5-Pin (cost applicable)	500w	<b>2</b>

**Followspots:**

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Pacific		With 4 colour changer	1000w	<b>2</b>

**Other Lighting:**

Make	Model	Detail / Accessories	Watt	Total

**Additional Lighting:**

Item	Make	Model	Detail / Accessories	Watt	Total
Jem	Hazer Pro	Hazer Pro	Water based hazer w/external fan		1
Swefog	Smoke Machine	T26		1200w	1
Mirror Ball		20"	With Dimmable Motor		1
Birdies	240v				4

Lighting in **yellow** is standard in the Lighthouse Theatre. Use of other lighting needs to be confirmed with Technical Coordinator prior to event.

Power:

**3 Phase Outlets**

- 1 x 64A in loading dock
- 1 x 40A in loading dock
- 1 x 20A in loading dock (*Hydraulic Lift*)
- 2 x 40A in Technical Workshop
- 3 x 40A on Stage (*1xDSPS, 1xUSPS, 1xDSOP*)
- 2 x 40A in Prompt Gallery

Also:

- 2 x 40A in Foyer
- 1 x 40A in Bar
- 6 x 40A in Studio Dimmer Room (*4 used to run Studio Dimmers*)
- 2 x 40A in Studio

Cabling:

**240v Extension Cable**

The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig. Any additional equipment will require additional cable stock to be sourced. Venue may be able to provide *some* additional cabling

**Looms**

- 4 x 6-Way Wieland's – reserved for cyc lighting power
- 6 x 4-Way Wieland's

## Patching:

Location	Quantity	Numbering (PS to OP)	Detail / Accessories
LX1	20	1-20	Sub Patched @ PS Gallery (Still 1-20)
LX2	20	21-40	Sub Patched @ PS Gallery (Still 21-40)
LX3	20	41-60	Sub Patched @ PS Gallery (Still 41-60)
LX4	24	61-80	Sub Patched @ PS Gallery (Still 61-80) 21-24 On bar are run by Wieland to patching
USPS Gallery	12	81-92	
DSOP Gallery	12	93-104	
DSPS	8	105-112	Floor Level
DSOP	12	113-120	Floor Level
USPS	12	121-132	Floor Level
USC	12	133-144	Floor Level
USOP	12	145-156	Floor Level
USOP Gallery	4	157-160	
FOH Bridge 1 PS	10	201-210	
FOH Bridge 1 OP	10	211-220	
FOH Bridge 2	24	221-244	Floor Level Patching
FOH Bridge 2	24	245-268	Waist Height Patching
PS Boom	8	269-276	Top to Bottom
OP Boom	8	277-284	Top to Bottom
PS Followspot	2	285-286	
OP Followspot	2	287-288	
Above Bio Box	8	289-296	
Orchestra Pit PS	6	297-302	
Orchestra Pit OP	6	303-308	
Door 2 Airlock	1	309	
Door 4 Airlock	1	310	
Door 1 Airlock	1	311	
Door 3 Airlock	1	312	
DSPS Floor Trap	2	313-314	
DSOP Floor Trap	2	315-316	
MSPS Floor Trap	2	317-318	
MSOP Floor Trap	2	319-320	
USPS Floor Trap	2	321-322	
USOP Floor Trap	2	323-324	
Prompt Wing	2	325-326	

## **AUDIO**

### **Control Positions:**

#### **Control Room**

Rear centre of stalls behind small opening in wall. Not suitable for live sound mixing.

#### **Auditorium**

##### **Primary Mix Position**

Rear centre of the stalls in auditorium. Mixer needs to walk through 2 audience members to access position.

Maximum of 2 people at this position during an event.

Total seat allocation **16 (these are removed as standard)**

#### **Other**

Where required via iPad mix control to Midas M32. Moving mixer is generally avoided, due to fixed auditorium position.

### **Control & Amplification:**

#### **Primary Mixer**

Midas M32 – 32ch XLR, 8 Aux input Mixer. Midas PRO series pre-amps

iPad available for remote control

Midas DL16 input available in PC rack

#### **Secondary Mixers**

Analogue Mixers available for install and use at hirer's cost, as per below list

#### **Other Mixers**

Allen & Heath GL3800 48ch Mixing Console

Allen & Heath ZED428 Mixing Console

Allen & Heath ZED14 Mixing Console

#### **Amplifiers**

2x QSC GX5 – Main FOH (L,C,R)

1x QSC 5050 – L&R Low Frequency Enhancers (Subs)

2x QSC RMX 1850HD – Front Fill & Delay Ring

2x Crest CA6 Amplifiers (On Stage Foldback)

#### **EQ**

Primary EQ provided through Midas M32 system.

##### **Other EQ available:**

2x Klark Teknik DN360 1/3 Octave Dual Channel Graphic EQ (1 normally used for FOH L/R EQ)

1x ARX EQ60 1/3 Octave Dual Channel Graphic EQ

4x Sound Developments EQ27 Single Channel EQ (old)

#### **FX**

Primary FX provided by Midas M32

##### **Other FX may be available:**

1x TC Electronic M350 FX Unit

1x Yamaha REV500 FX Unit

#### **Compression / Limiter / Gates**

Primary Dynamics etc provided in M32

##### **Other units may be available:**

2x 2 channel DBX 266xs Compressor/Gate units

Speakers:

**FOH Speakers**

*Full Range FOH PA comprising of:*

Tannoy T300 Loudspeaker (LCR) [Flown]

Tannoy VS15 BP Low Frequency Enhancer (LR) [Flown]

Tannoy V6 (Front Fill x 4) [behind orchestra pit vents]

Tannoy V8 (Delay x 4) [Hung at rear of auditorium, covers rows AA to JJ (inc. audio op position)]

**Foldback**

Standard stage foldback is provided through 4x QSC K12 (powered) units, 2 flown per side in wings on panorama bars. Provides full stage coverage. Inputs set as OP pair and PS pair. (Set to flat EQ as standard). De-rigging these speakers for wedge use may incur charge for reinstatement.

Item	Model	Detail / Accessories	Total
Tannoy	V-12	Dual concentric passive	<b>2</b>
Tannoy	VX-12	Dual concentric passive	<b>1</b>
Tannoy	VX-8B	Dual concentric powered	<b>2</b>
QSC	K-12	Powered speaker (rigged as semi-permanent on stage side fill)	<b>4</b>
Jolly	8"x1" 150w	Low profile powered wedges	<b>4</b>

Wireless Equipment Frequency's:

UNIT	FREQUENCY
Telex Comms Base Station Channel A TX	536.075 MHz
Telex Comms Base Station Channel B TX	538.125 MHz
Telex Comms Beltpack 1 TX	632.150 MHz
Telex Comms Beltpack 2 TX	632.550 MHz
Telex Comms Beltpack 3 TX	634.050 MHz
Telex Comms Beltpack 4 TX	635.350 MHz
Radio Mic 1	647.000 MHz
Radio Mic 2	647.850 MHz
Radio Mic 3	645.875 MHz
Radio Mic 4	650.025 MHz
Radio Mic 5	643.550 MHz
Radio Mic 6	642.125 MHz
Radio Mic 7	652.600 MHz
Radio Mic 8	640.325 MHz
Radio Mic 9	655.675 MHz
Radio Mic 10	658.950 MHz
Radio Mic 11	660.275 MHz
Radio Mic 12	666.050 MHz
Lighthouse Studio Radio Mic	626.000 MHz
Lighthouse Foyer Radio Mic	622.300 MHz
Art Gallery Radio Mic 1	624.775 MHz
Art Gallery Radio Mic 2	627.475 MHz
Studio Hearing Loop	150.900MHz & 73.100MHz

It is a condition of venue hire that all equipment brought into the venue does not conflict with these frequencies, contact the Technical Coordinator if this is an issue.

Playback:

Item	Make	Model	Detail	Total
CD Player	Marantz	PMD321	2RU (FOH control only)	1
CD Player	Denon	DN-C620	2RU (1 permanently in PC rack)	2

Microphones:

Make	Model	Detail / Accessories	Use	Total
Shure	Goose Neck		Lectern Mic	2
Shure	Beta58	Dynamic		8
Neumann	KM100	Condenser		2
Neumann	KMI	Condenser		3
Neumann	KMR82i	Shotgun Mic		2
Beyer	Dynamic	Switched Shout Mic		1
Crown	P2M	Plate Mic		3
Shure	SM57	Instrument Mic		4
Shure	PGMK	Drum Mic Kit		1

Radio Microphones:

Make	Model	Detail / Accessories		Total
Sennheiser	EW300-G3	Radio Mic Receiver		12
Sennheiser	SKM-300	Handheld Transmitter	With e865 head	6
Sennheiser	SK-300	Beltpack Transmitter		12
Sennheiser	SKP-300	XLR Transmitter	With Phantom Power ability	4
JAG	Headset	Professional Headset Mic	Skin pink colour	12
Sennheiser	ME2	Lapel Mic with clip	Black	12
Sennheiser	ME3-3	Sports Headset Mic	Black	2
Sennheiser	CL1	Line level lead	For iPod	2

Accessories:

Item	Model	Detail / Accessories	Total
McLelland	PDB-100 DI		2
Leem	Passive DI		2
DEX	Audio Active DI		1
Behringer	Active DI		7

Line Patching:

Over 300 lines throughout the venue, Contact TC for more information  
Venue runs 1:1 patching from patch bay to Midas M32 as standard.

An AES-50 Midas DL16 stage box is mounted in the PS rack and may be used for inputs if required.

Speaker Patching:

Over 100 lines throughout the venue, Contact TC for more information

Cabling:

**Audio Cable**

The theatre has a good stock of cable to accommodate the venue's equipment.

**Multicore**

1 x 24CH Drop Box (No returns)

2 x 12CH Drop Box (No returns)

1 x 20CH XLRM – XLRF

More may be available if requested in advance (Hire fee applies)

Audio Notes:

Soundweb used for sound relay and FOH system processing throughout the venue.  
Contact TC for more specific information.

Some more equipment may be available from local suppliers, but hire charges will apply



## AUDIO VISUAL

### Projection Room:

None

### Projectors:

#### **Main Projector:** Epson EB-Z9900W

9200 ANSI lumens (white and colour light output), 3LCD, dual lamp, 15000:1 contrast ratio, WXGA 16:10 resolution

Standard Zoom Lens (ELP04) only

Main Epson projector is **permanently rigged** from FOH bridge. It cannot be moved under any circumstances. Projector is capable of full cyc projection for fly line 14 through 35. Line 1 through 13 is available on request. Input via HDBase-T HDMI connection via in venue CAT6 patching. VGA input available via Vision Mixer.

#### **Secondary Projector:** Optoma EW865

6000 ANSI lumens, DLP, single lamp, 2000:1 contrast ratio, WXGA 16:9 resolution

Standard Lens only

Roof mount available – standard projector for use with rear projector screen

#### **Additional Projectors:** 2x Epson EB-935W

3700 ANSI Lumens 3LCD projector, single lamp, 15000:1 contrast ratio, WXGA 16:10 resolution

*This projector must be booked 7 days prior to use.*

### Screens:

#### **Projection Screen**

Rear and Front Projection (QFold Screen) [can be hung or on floor stand]

Screen dimensions     **3m wide x 2.1m high**

Note: To use this screen, projector must be moved to stage.

#### **Additional Screens**

Mid stage cyclorama hung on line 9. Used as screen most of the time.

Upstage cyc can be used as a projection surface – contact TC if you intend to do this.

### AV Playback Equipment:

1x Roland V40-HD Vision Mixer – 4x HDMI, 4x VGA inputs.

1x ATEN HDMI (HDBase-T) over CAT6 transmit/receiver units (used for main projector)

Other equipment available as required/on request.

### Projector Rigging Points:

Various rigging points available including LX bars and FOH Bars for secondary or additional projectors. Main Projector permanently rigged on FOH.

### Cabling:

The theatre has a minor stock of coaxial, HDMI, VGA and RCA cable to accommodate the venue's own equipment.

### Audio Visual Notes:

Over 80 BNC tie lines throughout the venue, with 2 distribution amplifiers at prompt corner. 2 vision amplifiers available.

Free to Air TV available in the venue.

## **BACKSTAGE**

### **Communications:**

#### **Stage Managers Desk**

Stage Managers desk is located in prompt corner. The desk can be moved within this area and is fitted with a light, clock, cue light base station and talkback base station. The desk can also be operated from OP. Backstage paging from SM desk.

#### **Talkback**

Master Unit ClearCom system running two common loops. Each loop can carry up to 6 sub stations.

Total sub stations **8**

Total headsets **8**

Radio Units In-house **4 Wireless Telex units available** (theatre only)

Talkback patching located throughout the venue. 2 loops per venue.

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

Soundweb controlled paging system throughout the venue. Also runs show relay to entire venue. Paging available from SM desk or admin office.

#### **Stage Monitor**

TV's set up in Foyer, Bar, SM, Studio, Green Room and Administration all capable of running show feed.

#### **Cue Light System**

In house cue light system available **Yes**

Number of units **4 remote stations, 16Ch base station in SM desk**

### **Dressing Rooms:**

<b>Dressing Room</b>	<b>Capacity</b>	<b>Toilets</b>	<b>Shower</b>	<b>Details</b>
1	3	No	No	Basin and mirror lights
2	4	No	No	Basin and mirror lights
3	15	Yes	Yes	Basin and mirror lights
4	15	Yes	Yes	Basin and mirror lights
Disabled facilities and access to the stage available, contact Technical Coordinator				

### **Laundry / Wardrobe:**

Washing Machine 10kg Top Load  
 Dryer 7kg Condenser Dryer  
 Drying rooms N/A  
 Iron / ironing board **1**  
 Clothes racks **4**  
 Clothes Steamer **0**

***NOTE:** Lighthouse Studio is available to be hired as extra dressing room space if required for large cast shows. This is an extra cost.*

Production Facilities:

**Production Desk**

Trestle tables can be setup in row S.

**Production Office**

Dressing Room 2 can be set up as production office. Alternative facilities may be able to be arranged in consultation with venue.

**Phone**

None

**Internet access**

Venue has Hirer WiFi available for cast/crew use – a password will be provided to the touring party. Public WiFi is also available without a password. A 4G device is also available for show-critical internet access requirements. Costs may be applicable for this WiFi.

Greenroom:

Tea / Coffee facilities      **Yes**

Fridge / freezer              **Yes**

Microwave                    **Yes**

Running water                **Yes**

Stage Door:

**Access**

Stage Door is located on Timor St towards the western end of the building. Hirer will be provided a small number of swipe cards for entry. Intercom on door used to page duty technician or admin. Performances with large casts may require stage door attendant to supervise door being left open.

**ADDITIONAL FACILITIES & INFORMATION**

Orchestral:

20 Manhasset Music stands and sconces available upon request

Grand Piano available on request (kept in storage room on PS side). Tuning is available at hirer's expense and will incur cost. Tuning must be organised minimum 3 weeks in advance.

Rehearsal Space:

Green Room: concrete floor with carpet squares overlay.

Lighthouse Studio: parquetry flooring (requires separate booking)

OB:

Tie lines available to run an OB vehicle, which is to be located in loading dock. Cable conduit is provided through the external wall for connections. 1x 64A and 2x 40A three phase available for OB.

Fibre Optic:

Venue is equipped with some fibre optic patching, contact Technical Coordinator for more information.

Venue Information:

The Lighthouse Theatre operates a Main Theatre, a smaller multi-purpose Studio Space and a Meeting Room. The Main Theatre is a proscenium arch theatre seating 584. The Studio has flexible tiered seating for 140 for performances but can also be used for conferences, wedding receptions and dinner dances. The Meeting Room is designed for round table, classroom or theatre style meetings/events for up to 50 people. This room also doubles as the Dressing Room for Studio performances.

A core team of 4 full time staff run the Centre, which is owned and operated by Warrnambool City Council. There is some casual technical staff available.

The venue is located in the heart of the Warrnambool CBD and within walking distance of restaurants, accommodation, banks and supermarkets.

**VENUE:**

**Venue Contacts:**

Venue Address **185 Timor St (Cnr Liebig St), Warrnambool, Victoria, Australia, 3280**

Venue Postal Address **PO Box 198, Warrnambool, Victoria, Australia, 3280**

Venue Website **[www.lighthousetheatre.com.au](http://www.lighthousetheatre.com.au)**

Venue Email **[lighthouse@warrnambool.vic.gov.au](mailto:lighthouse@warrnambool.vic.gov.au)**

**Staff Contacts:**

**Service Manager** **Mik Frawley**  
Phone Number 03 5559 4887  
Email Address [mfrawley@warrnambool.vic.gov.au](mailto:mfrawley@warrnambool.vic.gov.au)

**Technical Services Coordinator** **Xavier Dannock**  
Mobile 0402 973 030  
Email Address [xdannock@warrnambool.vic.gov.au](mailto:xdannock@warrnambool.vic.gov.au)  
Phone Number 03 5559 4988

**Venue & Marketing Coordinator** **Amanda Kenneally**  
Email Address [akenneally@warrnambool.vic.gov.au](mailto:akenneally@warrnambool.vic.gov.au)  
Phone Number 03 5559 4886

**Box Office Supervisor** **Megan Couch**  
Phone Number 03 5559 4999  
Email Address [mcouch@warrnambool.vic.gov.au](mailto:mcouch@warrnambool.vic.gov.au)

**Box Office**  
Phone Number 5559 4999  
Email Address [lighthouse@warrnambool.vic.gov.au](mailto:lighthouse@warrnambool.vic.gov.au)

**Duty Technician**  
Phone Number 5559 4997

**Venue Plans:**

**Venue Plan Available**

Yes, DWG copies can be e-mailed at request. Contact Technical Coordinator.

**Venue Section Available**

Yes, DWG copies can be e-mailed at request. Contact Technical Coordinator.