

Wyndham Cultural Centre

Technical Specifications

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Venue:

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STAGE**Brief Stage Description:**

Unraked stage with a proscenium arch and flying facilities. Plywood floor covered with masonite sheets. Screwing into surface to be authorised by Technical Manager. Stage crossover via corridor on same level as Stage, directly behind upstage wall.

Stage distributed load limit = **750kg/m² (7.5Kpa)**

Stage point load limit = **450kg (4.5KN)**

Stage rake **No**

Stage Dimensions:**Proscenium**

Width **10.02m**

Height **5m**

Setting Line

400mm upstage of the rear of proscenium (House Curtain Line)

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

SL to DS edge of apron **1.86m**

SL to DS edge of Orchestra Lift/Pit **4.4m**

SL to first fly line **.2m**

SL to last upstage fly line **7m**

SL to rear wall **7.2m**

CL to OP wall (or obstruction) **7.35m (For gantry access ladder refer Stage Plan)**

CL to PS wall (or obstruction) **9.5m (For gantry access ladder refer Stage Plan)**

Stage to underside of grid **10.8m**

Overhead obstructions

See Stage Gantry Position Plan

Auditorium:

Auditorium consists of stalls.

Seating capacity with additional
Orchestra lift/pit seating installed **477**

Seating capacity without
Orchestra lift/pit seating installed **N/A**

Orchestra Lift / Pit:**Orchestra Pit**

The Orchestra pit is covered with fixed floor sections that require three crew to remove.

Dimensions of the orchestra pit

Usable Area 7m x 3.7m (See Orchestra Pit Plan for further information)

Orchestra pit maximum capacity **15**

Flying Facilities:

Fly System

The fly system is a single purchase handline counterweight system.

Fly System Details

Operating Position	PS at stage level.
Total number of Lines	24
Panorama Lines	N/A
Batten Drift	10.5m
Batten Type	50mm O/D galvanised steel pipe
Batten Length	12m
Batten Extensions	3 Sets bolted to the ends of Lines 9, 17 and 27
Batten Pick-ups	5 Pick-ups, 1 at centre then others at 2.72m intervals
Batten Point Load	60kg
Batten W.L.L.	300kg evenly distributed along batten length
Cradle Capacity	500kg
LX bars can be swung	Discuss with Technical Manager
Fly bars can be swung	Yes. Lines 9,17 and 27 cannot be swung due to returns fixed to grid to accommodate Legs.

SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO

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*

Line #	Distance from SL	Line Type	W.L.L	Venue Allocation	Intended Use <i>(hiring company use)</i>
HC	320mm	SP	300kg	House Curtain	
.5	200mm	SP	300kg	Border 1	Not available for use
1	400mm	SP	300kg	Legs 1	
2	600mm	SP	300kg	Overhead Mics	
3	800mm	SP	300kg	Electrics Bar 1	
4	1000mm			Not Installed	
5	1200mm	SP	300kg	Scenery Bar 1 (Spare)	
6	1400mm			Not Installed	
7	1600mm	SP	300kg	Scenery Bar 2 (Spare)	
8	1800mm	SP	300kg	Border 2	
9	2000mm	SP		*Legs 2	Not available for use
10	2200mm			Not Installed	
11	2400mm	SP	300kg	Electrics Bar 2	
12	2600mm			Not Installed	
13	2800mm	SP	300kg	Scenery Bar 3 (Spare)	
14	3000mm	SP	300kg	Scenery Bar 4 (Spare)	
15	3200mm	SP	300kg	Black Tabs (French Action or Flown)	
16	3400mm			Not Installed	
17	3600mm	SP	300kg	Border 3	
18	3800mm	SP		*Legs 3	Not available for use
19	4000mm	SP	300kg	Scenery Bar 5 (Spare)	
20	4200mm			Not Installed	
21	4400mm	SP	300kg	Electrics Bar 3	
22	4600mm			Not Installed	
23	4800mm			Not Installed	
24	5000mm			Not Installed	
25	5200mm	M		Movie Screen (Motorised)	Not available for use
26	5400mm	SP	300kg	Scenery Bar 6 (Spare)	
27	5600mm	SP	300kg	Border 4	
28	5800mm	SP		*Legs 4	Not available for use
29	6000mm	SP	300kg	Electrics Bar 4 (Cyc Units)	
30	6200mm	SP	300kg	Scenery Bar 7 (Spare)	
31	6400mm	SP	300kg	Scenery Bar 8 (Spare)	
32	6600mm	SP	300kg	Black Tabs (French Action or Flown)	
33	7000mm	SP	300kg	Cyclorama	
	7200mm			Back Wall	

***PLEASE NOTE THAT THESE BARS CANNOT BE FLOWN COMPLETELY IN AS THEY HAVE CABLES ATTCHING THEM TO THE GRID TO ACCOMMODATE "RETURNS" ON END OF BARS.**

Drapery:

*Type	Material	Colour	Width	Height	Quantity
House Curtain	Velvet, 50% gathered	Blue	6m (Half)	6m	1
Borders	Wool, 50% gathered	Black	12m	3m	4
Legs	Wool, 50% gathered	Black	3.5m	6m	4 Sets
Tabs / Smother	Wool, 50% gathered	Black	6m (Half)	6m	3
Cyclorama	Sharks Tooth	White	12m	6	1

Access Equipment:**Elevated Work Platform**

Genie GR15 self propelled vertical lift.

Maximum reach is **5.48m**

EWP Restrictions

Demonstrated Competency. Log book completed prior to use. Staff member to be positioned as "spotter" and accommodate working at heights with electrical items.

Ladders

1 x 6ft Fibreglass A-Frame

1 x 16ft Aluminium A-Frame

Staging Units:

2 x Timber Rostra (Steel Frame) 1.2mD x 2.4mW x 150/300/450mmH

2 x Timber Rostra (Steel Frame) 1.2mD x 1.2mW x 150/300/450mmH

Stage Covers:

Style N/A

Dimensions N/A

Colour N/A

Stage Traps:

N/A

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**

Loading Dock:**Access**

Truck access via Synott St. Truck able to reverse up to loading dock.

Loading Dock Height	1.25m
Door Dimensions	2.95m High 2.9m Wide

Staging Notes:

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

Access to the stage gantries via ladders located on P & OP.

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

Basic Riggers Ticket *and/or* demonstrated competency required to rig and operate counterweight fly lines.

Counterweight fly lines to be tied off when not supervised.

Orchestra Pit safety net *must* be in place if pit lids removed.

Movie Screen not available for hirers.

LIGHTING

Positions:

Stage LX Bars

Moving of LX Bars to be discussed with Technical Manager.

See hanging plot for standard LX bar locations

FOH Bridge

Setting Line to lighting bar **7m**

Usable bar width **19m**

Notes **See Technical Plans for further detail**

Control:

Lighting desk **ETC Congo**

Control channels **3072**

Signal output **DMX 512**

Signal distribution **Three universes (A,B,C) of DMX to isoports around Stage and Auditorium area.**

Remote riggers available onstage **Yes**

Dimmer Racks:

Total Dimmers 132 Channels

Dimmer Locations Dimmer room located on OP Gallery

2.5Kw Dimmer Racks **(11) APC 12 channel 2500W Dimmer**

Total dimmers @ 2.5kw per dimmer **132**

5Kw Dimmer Racks **N/A**

Total dimmers @ 5kw per dimmer **N/A**

House Lights:

Independant control **Yes**

Control positions **Control Room, Stage Managers Console**

Fade time adjustable **No**

Stage Luminare:

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source4	70 deg	Gel Frames to suit	750w	12
STRAND	SL	23/50	Gel Frames & Gobo Holders to suit, 3 Irises,	600w	12
STRAND	SL	15/32	Gel Frames & Gobo Holders to suit	600w	20
STRAND	SL	50	Gel Frames & Gobo Holders to suit	600w	12

Fresnel's

Make	Model	Detail / Accessories	Watt	Total
STRAND	Cantata	Gel Frames & Barndoors to suit	1200w	29

Par Cans

Make	Model	Angle	Detail / Accessories	Watt	Total
	Par64	MFL	120vac. Gel Frames to suit	1000w	16
LITECRAFT	Multipar	N,M,W	Gel Frames and N,M,W lenses to suit	575w	24
	MR16		240v		14

Wash

Make	Model	Detail / Accessories	Watt	Total
STRAND	CODA 4	(4) cells per unit	500w	12

Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
I solutions	IMOVE 250S	8		250w	2

Followspots:

Make	Model	Angle	Detail / Accessories	Watt	Total
SELECON	Performer	5 - 20	6 colour magazine	1200w	2

Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Mirror Ball		12inch	12in diameter ball with motor		1
Strobe	GIGA				1
2 Way Blinder					4
Mirror Ball		24inch	24in diameter ball with motor		1
UV Battens			Suitable for floor placement only		2

Patching:

Location	Quantity	Numbering (OP to PS)	Detail / Accessories
LX1	19	1 – 19	Loom not incorporated in Patch Panel
LX2	19	20 – 38	Loom not incorporated in Patch Panel
LX3	19	39 – 57	Loom not incorporated in Patch Panel
LX4	19	58 – 76	Loom not incorporated in Patch Panel
FOH Bridge 1	28	1 – 24	4 extension leads direct to dimmers bring total to 28. 2 x 10amp GPO's available
PS Auditorium	6	25 – 30	Currently not available
OP Auditorium	6	31 – 36	Currently not available
PS Inside Pros	6	37 – 44	
OP Inside Pros	6	45 – 52	
PS DS Stage Floor	10	53 – 62	4 x 10amp GPO's available
OP DS Stage Floor	10	63 – 72	4 x 10amp GPO's available
PS US Stage Floor	10	73 – 82	2 x 10amp GPO's available
OP US Stage Floor	10	83 – 92	2 x 10amp GPO's available

Power:

3 Phase Outlets

- (4) at Stage Level, (1 outlet in each corner)
- (11) in dimmer room (for dimmer use only)

Cabling:

240v Extension Cable

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

Looms

N/A

3 phase Extensions

N/A

Lighting Notes:

No auditorium perch positions.

Limited range of colour stock available

6 x booms available. Fitted with 2 Multipars and 23/50 profile each.

2 smaller booms for Front of Pros position. Fitted with 3 x Multipars each.

AUDIO

Control Positions:

Control Room

Rear center behind stalls. Dedicated position.

Auditorium

N/A

Control & Amplification:

Primary Mixer

Yamaha M7CL- 48, 48 Channel Digital Mixing Console, with Meter Bridge.
Standard setup is Stereo (L/R) and 4 Aux sends.

Secondary Mixers

Yamaha GA 24 Analogue Mixing Console, 20 Mic channels, 2 x stereo channels
Yamaha MX 12 Analogue Mixing Console 8 Mic channels 2 x stereo channels.

Amplifiers

Main speakers, Crown K2, 2 Channel, 500 W + 500 W @ 8 ohms
Sub speakers Crown K2, 2 Channel, 500 W + 500 W @ 8 ohms
Delayed speakers Crown K2, 2 Channel, 500 W + 500 W @ 8 ohms
Side fill: Yamaha P3500, 2 Channel, 350 W + 350 W @ 8 ohms
Floor/spot : Yamaha P3200S, 2 Channel, 340 W + 340 W @ 8 ohms

EQ

Soundweb System controller provides for all FOH Speakers. It incorporates system limiting protection, parametric equalization, and time delaying bridge to proscenium speakers.

TX2 or TX3 Tannoy loudspeaker system controller, speaker equalisation, sub high/low pass splitting.

Inbuilt 4 band parametric equalization and high pass filter on each input channel of M7CL-48 (4 band x 48)

Inbuilt 4 band parametric equalization and high pass filter on each mix bus of M7CL-48 (4 band x 16)

Inbuilt 4 band parametric equalization and high pass filter on Main Stereo bus of M7CL-48 (4 band x 2)

4 x 31 band graphic or up to 8 x 15 band flexi equalizers (16 if no effects units required) available for insert at any point within M7CL-48.

Standard configuration uses 2 x 15 band flexi over side fill and 2 x flexi 15 over floor/spot.

FX

4 Inbuilt stereo multi effects units within M7CL- 48

Compression / Limiter / Gates

2 inbuilt, in line, dynamic processors (can be gates, compressors etc.) on each input channel of M7CL – 48. (2 x 48 dynamic processors on input)

1 inbuilt, in line, dynamic processor (can be compressor, expander) on each mix bus of M7CL – 48. (1 x16 dynamic processors on mix bus)

1 inbuilt, in line, dynamic processor (can be compressor, expander.) on the Stereo bus of M7CL – 48. (1 x 2 dynamic processors on Stereo bus)

Speakers:**FOH Speakers**

Main: (2) Tannoy Superdual T300 fixed on Proscenium wall (55Hz-22kHz)
Passive - Full Range, Average 300W, Program 600W, Peak 1200W

Subs: (2) Tannoy B475 fixed on Proscenium wall (28Hz - 240Hz)
Passive, Average 300W, Program 600W, Peak 1200W

Delays: (2) Tannoy Superdual T300 fixed on FOH Bridge (55Hz-22kHz)
Passive - Full Range, Average 300W, Program 600W, Peak 1200W

Foldback

Sidefill (2) Quest QS500 passive speakers on tripods, (standard configuration is stereo.)

Floor/spot (2) Tannoy V12 dual concentric passive wedges. (on request)
Passive - Full Range, Average 200W, Program 400W, Peak 800W

Playback:

Item	Make	Model	Detail	Total
CD Player 1	Denon		Single CD player	1
CD Player 2	Denon		Single CD player	1
DVD/VHS Player			DVD/VHS combo	1

Microphones:

Make	Model	Detail / Accessories	Use	Total
Sennheiser	E845	Mic clips	Vocals	6
Shure	SM57	Mic clips	Instr./drums	4
Shure	Beta 52		Kick Drum	1
Shure	SM91	Boundary mic.	Kick/tap	3
Audio Technica	AT853x	3 fixed on line 4, fly in/out	Choir/Hanging	5
Behringer	C2	With stereo mount, Mic clips	various	4
Behringer	C3	Mic clip	various	2
Sennheiser	G2	Radio Mic, head boom or handheld	vocals	5
Sennheiser	G1	Radio Mic, lapel or handheld	vocals	2
Audio Technica		Lectern mic	Lectern	1

Accessories:

Item	Model	Detail / Accessories	Total
Microphone stand	tripod base	Tall with boom arm, suit vocals	12
Microphone stand	tripod base	Short with boom arm, suit drums, instr.	4
Microphone stand	Round weighted base	Short with boom arm, suit kick drum.	1

Line Patching:

Location	Quantity	Numbering	Detail
Stage Left (P) Pros wall	24	P 1 - 24	24 sends, 6 returns, 2 speakon (foldback)
Stage Right (OP) Pros wall	24	OP 1 - 24	24 sends, 6 returns, 2 speakon (foldback)
Upstage wall	12	1-12	12 sends, 4 return, 4 speakon
Orchestra Pit	24	Pit 1 - 24	24 sends, 8 returns, 2 speakon (foldback)
Miscellaneous	14	M 1-14	14 sends various locations.

Speaker Patching:

Location	Quantity	Numbering	Detail
Stage Left (P) Pros wall	4 (2)	A, B	2 Main & Sub, 1 Sidefill, 1 foldback/spot
Stage Right (OP) Pros wall	4 (2)	A, B	2 Main & Sub, 1 Sidefill, 1 foldback/spot
Upstage wall	4		Requires patching at rack
Orchestra Pit	2		2 foldback/spot
Bridge	4		2 Delays, 4 foldback/spot
Pros wall (high)	12		No rigging points to use these

Cabling:**Audio Cable**

The Theatre has a good stock to accommodate the venues equipment.

Audio Notes:

Control Position is suitable for live mixing, no auditorium position available.

Main Desk cannot be operated from anywhere else.

FOH and Delay Speaker positions are not adjustable. Equipment cannot be de-rigged.

M7CL-48 does not have Jack (TRS) input connections, XLR input only. (Some adapters are available on request)

1 Line return on P side is used for hearing Assist System patching.

AUDIO VISUALProjector Position:

Rigged from centre of FOH Bridge; cannot be re-located

Projectors:

Type	Model	Detail / Accessories	Total
NEC LCD Projector	MT1065	3200 ANSI Lumens; fixed position	1

Screens:**Projection Screen**

Front projection. Permanently rigged; motorized, Line 25

Screen dimensions **6m x 4.5m**

Additional Screens

Can project onto Cyclorama at stage rear, approximately 7m x 4.5m projected size

AV Playback Equipment:

Item	Model	Detail / Accessories	Total
DVD/VHS Player		DVD/VHS Combo	1

Projector Rigging Points:

Fixed, cannot be de-rigged.

Cabling:

AV cabling is fixed, suitable for venue's own equipment.
No Additional AV cabling available.

Audio Visual Notes:

PC Input available at Control Room, SM/Prompt corner.
DVD/VHS Player connected in Control Room.
Show Relay Camera (Low quality) can be sent to Projector for display.
Lack of depth on the stage area restricts possibilities for rear projection.

BACKSTAGE

Communications:

Stage Managers Desk

Stage Managers Console located in prompt corner. It is equipped with a light, phone, backstage paging, show relay monitor and timer/clock. All White Worklight and Blue Worklight controlled from this position.

Talkback

Master Unit Located at Stage Managers Console

Total sub stations 9

Total headsets 10

Talkback patching located at: Stage Managers Console
Fly Rail
OP inside Proscenium
Followspot Positions
Centre of Auditorium
Control Room

Paging / Show relay

Paging to the dressing rooms is available from the Stage Managers Console.
Show relay is distributed to all dressing rooms and green room via television monitors.

Stage Monitor

TV's set-up in Green Room, SM position and all Dressing Rooms. Camera located centre of the FOH Bridge.

Q Light System

In house Q light system available No
 Number of units N/A

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Room 1	3			Show Relay Monitor, Mirror, Hanging Space
Dressing Room 2	40			Show Relay Monitor, Mirror, Hanging Space
Dressing Room 3	10			Show Relay Monitor, Mirror, Hanging Space
Dressing Room 4	4			Hanging Space
Dressing Room 5	6			Show Relay Monitor, Hanging Space
		2	1	Unisex

Laundry / Wardrobe:

Washing Machines 1
 Dryers 1
 Drying rooms N/A
 Iron / ironing board 1
 Clothes racks 0

Production Facilities:

Production Desk

Production desk can be set-up in the centre of the stalls. Table accommodates 3 people, DMX for the lighting desk, talkback.

Production Office

No

Phone

Access to phone in Technical Management office.

Fax

Yes.

Access to phone for internet access

No

Greenroom:

Tea / Coffee facilities **No (Wall Urn)**
 Fridge / freezer **Yes. Bar Fridge**
 Microwave **Yes**
 Running water **Yes**

Stage Door:

Access

Stage Door is located beside the loading dock on Synott St. Access during bump-in / out will be controlled by the Venue Technician. During performance periods will either be locked or manned by client representative. Please contact Venue Manager to request a WCC staff member to man door.

ADDITIONAL FACILITIES & INFORMATION

Orchestral:

6 Music stands with sconces available

Conductors podium

20 Seats available (Standard padded Black Chairs)

Yamaha Baby Grand Piano. (Brown) Available at Stage Level only.

Effects:

1 x Robe 400FT Hazer

1 x HP-4DS Stage Hazer (Smoke Machine)

VENUE:

Venue Contacts:

Venue Address **177 Watton Street, Werribee, Victoria, 3030**

Venue Postal Address **As above**

Staff Contacts:

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Venue Plans:

Venue Plan Available

Yes. PDF Format. Plan is available for download on the APACA website.

Venue Section Available

Yes. PDF Format. Plan is available for download on the APACA website.