

# Karralyka Centre

## *Theatre*

### **Technical Specifications**



**Last Update: 23/09/2011**

All information is subject to change without prior notice

**Technical Coordinator: Andrew Hutchison**

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**Venue:**

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## **STAGE**

### **Brief Stage Description:**

Unraked stage with a proscenium arch and flying facilities. Hardwood floor covered with masonite sheets. Downstage edge of stage is curved to match seating. Screwing into the stage surface is permitted (subject to authorisation). Larger holes must be authorised prior to booking in consultation with technical coordinator. Stage crossover is via under stage dressing room area.

Stage distributed load limit	<b>N/A</b>
Stage point load limit	<b>N/A</b>
Stage rake	<b>NO</b>

### **Stage Dimensions:**

#### **Proscenium**

Width	<b>11.02 m</b>
Height	<b>6.18 m</b>

#### **Setting Line**

**150mm** upstage of the rear of proscenium (allows for fire curtain track).

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

SL to DS edge of apron	<b>3.36m</b>
SL to US edge of Orchestra Pit	<b>1.46m</b>
SL to first fly line	<b>0.56m</b>
SL to last upstage fly line	<b>8.55m</b>
SL to rear wall	<b>8.65m</b>
CL to OP wall (or obstruction)	<b>11.47m</b>
CL to PS wall (or obstruction)	<b>11.57m</b>

#### **Overhead obstructions**

Fly Galleries	Located above wing space on PS & OP Height above Stage: 6.36m
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### **Auditorium:**

2.95m rise over 12 rows with side aisles and space to accommodate 3 wheelchairs (seats K42-46 are removed as required for wheelchairs)

Total Seating Capacity	<b>430</b>
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Orchestra Pit:

**Orchestra Pit**

The orchestra pit is covered with 12 fixed floor sections that require two crew to remove or replace in addition to one Karrayka crew member. Access to the pit is via 2 standard doors on P and OP from the under stage dressing room area. Access is also via the bottom of the auditorium stairs.

Stage level at **950 mm** above auditorium.

Orchestra pit level at **1400mm** below auditorium.

Dimensions of the orchestra pit **9m x 2.9m**

Orchestra pit maximum capacity **15 to 20 persons**

Flying Facilities:

**Fly System**

The fly system comprises of 18 Jands motorised pile-winding winches and 8 Jands manual pile-winding winches.

**Fly System Details**

Operating Position	<b>Prompt side at stage level.</b>
Total number of Lines	<b>26</b>
Panorama Lines	<b>0</b>
Batten Drift	<b>Please contact technical coordinator for this information.</b>
Batten Type	<b>50mm O/D pipe</b>
Batten Length	<b>14.5m</b>
Batten Extensions	<b>N/A</b>
Batten Pick-ups	<b>(4) Pick-ups</b> From CL to OP – 1.73m & 5.50m From CL to PS – 1.86m & 5.47m
Batten Point Load	<b>N/A</b>
Batten W.L.L.	<b>N/A</b>
Fly Line Capacity	<b>Scenery Bars</b> ½ Speed: 200kg Full Speed: 120kg <b>Lighting Bars</b> ½ Speed: 350kg
LX bars can be swung	<b>NO</b>
Fly bars can be swung	<b>YES</b> (with prior arrangement with technical coordinator)

*SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO*

Hanging Plot:

SL: Setting Line as indicated previously

Line Number	Distance from SL (mm)	Venue Standard Allocation	Intended Use (hiring company use)
Hand 1	565	Legs & Border 1	
Motor 1	940	<b>Lighting Bar 1 (LX1)</b>	
Motor 2	1438	Mirror Ball & Lights (can be removed if needed for scenery)	
Hand 2	1810	Legs & Border 2	
Motor 3	2090	<b>Lighting Bar 2 (LX2)</b>	
Motor 4	2760		
Motor 5	2965		
Hand 3	3120	Legs & Border 3	
Hand 4	3340	Centre Tab Traveller	
Motor 6	3680	<b>Lighting Bar 3 (LX3)</b>	
Motor 7	4290		
Motor 8	4550		
Hand 5	4660	Legs & Border 4	
Motor 9	4930	<b>Lighting Bar 4 (LX4)</b>	
Motor 10	5750		
Motor 11	5950		
Motor 12	6390		
Hand 6	6485	Legs & Border 5	
Hand 7	6735	Upstage Tab Traveller	
Motor 13	7010	<b>Lighting Bar 5 (LX5)</b>	
Motor 14	7450		
Motor 15	7620		
Motor 16	7910		
Motor 17	8050		
Motor 18	8345		
Hand 8	8550	Cyclorama	

\*1 Mirrorball can be de-rigged if line is required for hirer use.

Drapery:

House Curtain – Royal Blue Velvet, 2x 6.6m x 6.6m @ 80% Fullness

**Please note that house curtain is motorised. Travel time is 14 seconds.**

**There are controls for the curtain at SM Desk and Control Room**

**Hand 1:** 1x Flat Border (14.6m x 3.05m) & 2x Legs (1.9m x 7.7m)

**Hand 2, 3, 5 & 6:** 1x 50% Full Border (14m x 2.5m) & 2x Legs (2.5m x 7m)

**Centre Tabs:** 2 Wool Curtains (7.9m x 4.85m)

**US Tabs:** 2 Wool Curtains (7.3m x 6.52m)

1x Cyclorama: 1 White Filled Cloth (14.2m x 9m)

**All curtains except the house curtain & Cyclorama are made from an Inherently Fire Retardant wool. They are Flame Retardant to A/NZS 1530 Parts 2 & 3.**

Access Equipment:

**Elevated Work Platform**

JLG 20DVL fully motorised Vertical Lift

Maximum reach is **5.94m**

**EWP Restrictions**

Operators must be licensed and/or deemed competent in the operation of the EWP by the supervising technician.

**Ladders**

(1) 1.8m Fibreglass Double Sided Step Ladder

(2) 2.4m Fibreglass Double Sided Step Ladder

Staging Units:

**None**

Stage Covers:

**None**

Stage Traps:

**None**

Safety Curtain:

Safety Curtain installed **YES**

Safety Curtain must be unobstructed at all times **YES**

Thickness of Fire Curtain **150mm**

Distance from setting line **US Edge of Fire Curtain is Setting Line**  
**Distance to DS edge of fire curtain: 150mm**

**Additional Requirements**

**NONE**

Loading Dock:

**Access**

Truck access is via driveway off Wilson Street. Truck able to reverse from street to loading bay. Dock opens directly on to the Prompt side wing.

Loading Dock Height      **1.04m**  
Door Dimensions            **3400 mm High**  
   **2700 mm Wide**

**Restrictions / Obstructions**

None

Additional Rigging Notes

There are two lines that are downstage of the fixed proscenium. The first is 11m in length and is suitable for hanging banners. The other is 1.2m in length and is suitable for hanging central speaker clusters. See hanging plot for additional information.

Staging Notes:

All flown items must be rigged with the supervision of a venue representative. Any items flown that are deemed to be unsafe will be required to be removed from the venue.

Access to the fly galleries is by permission of the supervising technician. Access is gained via ladders on both P and OP.

**Gallery access ladders are to be kept clear at all times, as they are a designated fire escape.**

## LIGHTING

### Positions:

#### **Stage LX Bars**

All LX bars are fixed in their positions. Arrangement can be made to make other bars available for lighting subject to prior arrangement with technical coordinator.  
(Additional hire cost may be involved for looms)

*See hanging plot for standard LX bar locations*

#### **FOH Bridge**

Setting Line to lighting bar **8.8m**

Usable bar width **16.3m**

Notes The FOH Bridge is curved to match the curve on the front of the stage.

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

Setting Line to FOH Perch **12.7m**

*Distances are to the highest downstage point of boom or perch.*

Maximum lanterns per perch **Maximum (6) Pattern 813 Zoom spots as standard rig**

### Control:

Lighting desk **Electronic Theatre Controls (ETC) Express 48/96**

Control channels **192**

Signal output **DMX 512**

Signal distribution **Single Stream of DMX to Dimmer Room near control room then to breakout point on FOH Bridge. From here to dimmer rack on OP Galley then to PS Gallery where DMX terminates in a JANDS DD8 8 way DMX Splitter.**

Remote riggers available onstage **YES**

### Dimmer Racks:

**Total Dimmers 132**

**Dimmer Locations**

<b>Dimmer Room:</b>	x7
<b>Prompt Fly Gallery:</b>	x3
<b>OP Fly Gallery:</b>	x1

2.4Kw Dimmer Racks **Jands GP-12 (Digital)**

Total dimmers @ 2.4kw per dimmer **132**

House Lights:

Independent control	<b>YES</b>
Control positions	<b>Control room and stage manager desk.</b>
Fade time adjustable	<b>NO</b>

Stage Luminare:**Profiles**

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Acclaim	24-44deg		650w	<b>18</b>
Selecon	Acclaim	18-34deg		650w	<b>10</b>
Selecon	ZS650	24-40deg		650w	<b>3</b>
Selecon	Arena Zoomspot	20-37deg		1000w	<b>2</b>
Strand	Pattern 813	20-35deg		650w	<b>27</b>
CCT	Minuette			650w	<b>2</b>
Strand	Pattern 23	Max 30deg		500w	<b>30</b>

**Fresnel's**

Make	Model	Detail / Accessories	Watt	Total
Selecon	8 inch	(18) barndoors	1000w	<b>26</b>
Strand Harmony	8 inch	(8) barndoor	1000w	<b>8</b>
Strand	Pattern 243		2000w	<b>4</b>

**Wash**

Make	Model	Detail / Accessories	Watt	Total
CCT	Starlette Flood		1000w	<b>12</b>
Strand	S63 Batten	(6) cells per unit	150w	<b>5</b>

**Movers**

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Martin	Roboscan Pro 518	7/9		250w	<b>2</b>
Martin	MX-4	1/6/7		150w	<b>2</b>

\*\*\* Movers are not included in the standard rig. If you wish to use them, please contact technical coordinator at least 1 week prior to your booking.

**Followspots**

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Performer	5.5 – 9deg	6 colour magazine	1200w	<b>2</b>

Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
UV Fluorescent		4ft	Single Tube Batten	36w	2
UV Fluorescent		4ft	Double Tube Batten	36w	1
UV Floods	Strand		These take 5 mins to warm up	125w	4
Strobe Light			DMX Speed & Intensity Control	1500w	1
Mirror Ball		20inch	20in ball with motor		1
Hazer	Martin	K1	Local/DMX controllable haze machine		1
Smoke Machine	Robe	1500ft	Local/DMX controllable smoke machine		1

\*\*\* Strobe light, Hazer and Smoke Machine are not included in the standard rig. If you wish to use them, please contact technical coordinator at least 1 week prior to your booking.

Patching:

Please contact the Karralyka Centre for more information on venue patching.

Power:

**3 Phase Outlets**

- (7) Control room level, dimmer room (dimmer use only)
- (3) PS gallery (dimmer use only)
- (1) OP gallery (dimmer use only)
- (1) PS Stage lobby

Cabling:

**240v Extension Cable**

The theatre has a good stock of extension leads to accommodate small changes to the standard rig. Any additional equipment will require additional cable stock to be sourced.

**Looms**

None

**3 phase Extensions**

- (1) 10m 32A Extension

## **AUDIO**

### **Control Positions:**

#### **Control Room**

Located above the rear of the auditorium. Dedicated position, no seats pulled.

#### **Auditorium**

Operation can be set in the auditorium. This is done in centre of row L. Seats L18-L27 and K18-27 are not usable in this scenario.

Total seat allocation **5 seats pulled (L20-L25) and 10 seats unavailable (K18-27)**

#### **Other**

Secondary positions can be made available with prior notice. These can be placed on either P or OP and must be patched through to the main console in the control room.

### **Control & Amplification:**

#### **Primary Mixer**

Allen & Heath GL2200 32 channel including 4 stereo inputs, 6 aux sends, 4 groups and phantom power.

#### **Secondary Mixer**

Prior arrangement with technical manager needs to be made as secondary mixers are used mainly in other parts of our centre.

#### **Amplifiers**

(3) D&B D6 Dual Channel Amps (Rated sine wave output of each channel is 2x 600W into a 4 ohms load, decreasing to 2 x 350W into a 8 ohms load) (These amps drive the FOH system)

(1) Yamaha P5000S Power Amp, 2 Channel. (This amp drives the Foldback system)

#### **EQ**

(1) Yamaha Q2031A Graphic Equaliser

(2) UREI Model 539 One Third Octave Graphic Equalisers (Foldback)

#### **FX**

(1) Yamaha REV100

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

(1) Symetrix 565E Dual Compressor/Limiter/Expander

### **Speakers:**

#### **FOH Speakers**

(5) D&B T10 Speakers (Centre Array)

(3) D&B Ci80 Speakers (2x Left and Right mounted on Pro Arch Wall & 1 Mounted outside control room window)

(2) D&B E15X-SUB Speakers (Situating P and OP on Apron)

#### **Foldback**

(2) JBL EON loudspeakers located up stage on P and OP (mounted above head height on rear wall)

(2) Yamaha loudspeakers located just up stage of number 1 legs on P and OP (situated on stage floor surface)

Playback:

Item	Make	Model	Detail	Total
CD Player	Denon	DN-C635	Single CD Player with MP3 Playback capabilities + Autopause	1
CD Player	Denon	DCD-335	Single CD Player (NO AUTOPAUSE)	1
CD Player	Denon	DN-D4500	Dual Deck CD Plater with MP3 Playback capabilities and wired remote control panel	1

Microphones:

Make	Model	Detail / Accessories	Use	Total
Shure	SM58			4
Shure	SM57			4
Sennheiser	EM 300 G2	Dual Diversity Receiver		8
Sennheiser	SKM 300 G2	Handheld Microphone Transmitter		4
Sennheiser	SK 300 G2	Bodypack Transmitter with Omni Lapel Microphone Capsule		8

PLEASE NOTE – Radio microphone receivers cannot be removed from the control room.

Accessories:

Item	Model	Detail / Accessories	Total
Microphone Stands	3 Leg Base	(4) with boom arm	8

Line Patching:

Location	Quantity	Numbering	Detail
DSOP	28	1-24 & A-D	24 Sends & 4 Returns
DSP	28	25-48 & E-H	24 Sends & 4 Returns

Cabling:

**Audio Cable**

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

**Multicore**

(1) 16way 10M Multicore fitted with XLR connectors.

Audio Notes:

FOH speakers are not position adjustable.

Control position in not recommended for high quality live mixing. Please consult with technical coordinator if you think you need to change from standard position.

## **AUDIO VISUAL**

### **Data Projectors:**

A Data Projector is available to be hired at a cost per day. Projector can display images the size of the cyclorama (11m x 4.2m). The projector comes with the use of our media server that contains a library of moving and still backgrounds for you to use. You can also provide your own images and videos to use.

If you wish to bring your own images etc, please contact the technical coordinator regarding file types and file transport constraints.

### **Screens:**

#### **Projection Screen**

Folded style screen frame with a front projection screen and a rear projection screen. This can either be flown to suit, or be mounted on two legs for free standing screen.

Screen dimensions      **10.5ft x 14ft (320cm x 427cm) Front/Rear with full drape kit**

#### **Additional Screens**

None

### **AV Playback Equipment:**

DVD and Video players are available to hire from the venue. Prior notice is required to check availability of these items.

### **Projector Rigging Points:**

Projector is mounted under the control room on a specially installed rigging point. The projector may only be moved with the approval of the technical coordinator and must be carried out by a Karralyka technical staff member.

### **Cabling:**

The centre has a good stock of VGA and RCA cables to accommodate the centres own equipment.

### **Please Note:**

Hirer's must be aware that the A/V equipment listed in this document is used mostly by the Karralyka Centre Functions area and prior arrangement with technical manager is required for the use of this equipment as it is subject to availability.

## **BACKSTAGE**

### Communications:

#### **Stage Managers Desk**

Stage Managers desk is located in the prompt corner. The desk can be moved within this area and is fitted with a light, talkback master station, controls for house lights and curtain warmers, performer paging, cue light system, house curtain controller and a remote for the motorised flying system. There is an in house phone close to the stage managers desk that is enabled for internal calls only.

#### **Talkback**

Master Unit	<b>Located under the SM Desk</b>
Total sub stations	<b>5</b>
Total headsets	<b>5</b>
Radio Units In-house	<b>0</b>

Talkback patching located at: **Control Room (4) (Domes x2, Lighting and Audio)**  
**Stage Managers Desk**  
**Orchestra Pit**  
**Down Stage OP**  
**FOH Lighting Bridge**  
**P Gallery**  
**OP Gallery**  
**Dimmer Room**  
**Production Desk (Auditorium)**

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

Paging to the dressing rooms is available from the stage managers desk. Show Relay is distributed to all dressing rooms.

#### **Stage Monitor**

Stage Managers Console & Green Room

#### **Q Light System**

In house Q light system available	<b>NO</b>
Number of units	<b>N/A</b>

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Room 1	20	NO	YES	Toilet available at end of corridor Lit mirrors. Hand Basin
Dressing Room 2	20	NO	YES	Toilet available opposite room Lit Mirrors Hand Basin
Dressing Room 3	20	NO	NO	Toilet available opposite room 2 Lit Mirrors
Understage	20	NO	NO	No Mirrors or benches.

Laundry / Wardrobe:

Washing Machines	<b>None</b>
Dryers	<b>None</b>
Drying rooms	<b>None</b>
Iron / ironing board	<b>(1) Iron and (1) Ironing board kept in Dressing Room 1</b>
Clothes racks	<b>(6) portable clothes rails.</b>

Production Facilities:

**Production Desk**

Production desk set-up in the centre of auditorium. Table can accommodate up to 4 people with standard desk lamps, talkback and microphone. DMX is available with prior arrangement with technical manager.

**Production Office**

NO

**Phone**

Access to phone by arrangement with technical manager

**Fax**

Access to fax machine by arrangement with technical manager.

**Access to phone for Internet access**

NO

Greenroom:

The theatre does not have a green room.

Tea / Coffee facilities	<b>YES -Upon request</b>
Fridge / freezer	<b>NO</b>
Microwave	<b>NO</b>
Running water	<b>YES in dressing rooms 1 and 2 and in both toilets.</b>

**Stage Door:**

**Access**

Stage door is located near the entrance to the lower foyer off Mines Road. Access during bump-in/bump-out will be controlled by the technician on duty. Stage door remains locked until contracted access time.

**ADDITIONAL FACILITIES & INFORMATION**

**Orchestral:**

(1) Kawai Grand Piano on stage level. Piano available without extra charge but cost of tuning the piano will be charged to the hirer (if requested)

(1) Yamaha Upright Piano on orchestra pit level. Piano available without extra charge but cost of tuning piano will be charged to the hirer (if requested)

**Rehearsal Space:**

No rehearsal spaces are available in the centre.

**Staffing:**

A member of the Karralyka Centre technical staff must be in attendance whenever the theatre is in use. The technician will supervise the setting of lighting and audio requirements and the flying of scenery.

2 Ushers employed by the Karralyka Centre must be on duty whenever there is an audience in the theatre.

**Venue Information:**

Karralyka Centre is the premier theatre and function centre in Melbourne's eastern suburbs. The architecturally award-winning building, designed by Harry Seidler, offers outstanding facilities and services for live theatre, corporate events, social functions, wedding receptions, conventions and exhibitions.

The superb in-house food and beverage service, tailored to your event by our highly regarded chef, is complemented by ample free parking and magnificent views of the Dandenong Ranges. At Karralyka, equipment that you'd expect to pay for elsewhere is included.

The fully equipped theatre hosts the Maroondah Professional Theatre Season, the annual Morning Music program, and a range of community performances.

The centre is recently refurbished, fully air-conditioned and fully licensed.

Karralyka Centre is a service of Maroondah City Council.

**VENUE CONTACTS:**

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Venue Postal Address:

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**Staff Contacts:**

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