

Don Russell Performing Arts Centre

Technical Specifications

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Office days Wednesday and Friday

Venue: Don Russell Performing Arts Centre

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STAGE

Brief Stage Description:

NB Sightline restrictions when using half and full-depth stage extension.

Stage distributed load limit	House Standard Concert Floor - No Limit. Ezistage Units - 300kg point load per unit.
Stage rake	No

Stage Dimensions:

Proscenium

Width	7.5 metres
Height	4 metres
Depth	4.74metres

Setting Line

200mm upstage from the DS edge of the stage when the stage extension is out.

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

SL to DS edge of stage extension	1.35m (half depth) 1.80m (med width) 2.70m (full depth)
SL to rear wall	4.54 metres
CL to OP wall (or obstruction)	3.75 metres
CL to PS wall (or obstruction)	3.75 metres
Stage to underside of grid	4.5 metres

Overhead obstructions

All air-conditioning ducts are above the grid line

Auditorium:

Raked, one level seating

Seating capacity with full or med depth thrust installed	198
Seating capacity with small depth thrust or <u>without</u> thrust installed	210

NOTE: Standard trust is a carpet surface. If this is a problem please let us know as an older uncarpeted thrust can be used but adds only 1.4m to the permanent stage depth.

Orchestra Lift / Pit:

Orchestra Pit

No Orchestra Pit

Flying Facilities:

Fly System

No Fly System

Drapery: Please note these are fixed positions

*Type	Material	Colour	Width	Height	Quantity
House Curtain	Velveteen	Blue	4m	4.5m	2
Borders	Wool	Black	7.5m	0.5m	2
Legs	Wool	Black	1.5m	4.5m	4
Cyclorama	Cotton	White	7.5m	4.5m	1
Back wall Curtain	Wool	Black	4m	4.5m	2

Access Equipment:

Wheeling Truss Platform

Maximum reach is 5m.

Ladders

- (1) 6m Aluminium Extendible
- (1) 4m Aluminium 'A' frame
- (1) 2.5m Aluminium Articulated 3 Join

Staging Units:

Stage extensions are carpeted surfaces

- (6) Ezistage 1800 x 1350
- (2) Ezistage Angle – 2140 x 1350 x 1070 x 1723
- (2) Ezistage Custom Cube Angle – 1070 x1350 x 1723

Stage Covers:

- Style** Ply wood over cement (permanent staging).
Low pile carpet (Ezistage units).
- Dimensions** 7.5m wide by 4.74m deep
(6.09m with small extension; 6.54m med extension; 7.44m with full extension)
- Colour** Black

Stage Traps:

No stage traps

Loading Dock:

Access

Truck access via car park at the back of the theatre. Truck able to reverse up to loading dock

- Loading Dock Height from ground **0 metres**
- Loading Dock Door Dimensions **2.40 meters High**
2.35 metres Wide
- Stage Door Dimensions **2.45 metres High**
2.10 metres Wide

Additional Rigging Notes

There are no bars allocated for set. The only bars available are the ones used for LX.

LIGHTING

Positions:

Stage LX Bars Bars are not movable from there standard position

FOH #1

Setting Line to lighting bar **5.5m**
Usable bar width **6m**
Notes Working load 200kg

FOH #2

Setting Line to lighting bar **9.4m**
Usable bar width **6m**
Notes Working load 200kg

FOH Perches (OP & PS)

Setting Line to FOH Perch **5.5m**
Maximum lanterns per perch **Maximum (3) prolite 650w profiles**
Notes **Each Perch comes with 3 boom arms**

LX 1

Setting Line to lighting bar **0.2m**
Usable bar width **6m**
Notes Working load 200kg

LX 2

Setting Line to lighting bar **3.6m**
Usable bar width **6m**
Notes Working load 200kg

LX 3

Setting Line to lighting bar **4.1m**
Usable bar width **6m**
Notes Working load 200kg

Control:

Lighting desk **Theatreight 120 channel Cuemaster**
Control channels **120 Channels**
Signal output **USITT DMX 512 – Digital Communications Protocol**
Signal distribution **Control Room**
Remote riggers available onstage **NO**

Dimmer Racks:

Total Dimmers **5**

Dimmer Locations **Control Room**

2.4Kw Dimmer Racks **Jands Roadpak – controlled via
Theatrelighting Multiplexer**

Total dimmers @ 2.4kw per dimmer **60**

5Kw Dimmer Racks **0**

Total dimmers @ 5kw per dimmer **0**

House Lights:

Independent control **Yes**

Control positions **Control Room**

Fade time adjustable **No**

Stage Luminare:

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
Prolite			A sizes: 3 x gobo holders, 2 x iris Hand made: 3 x gobo frames, 4 x donuts 11 x assorted gobos (round) 3 x assorted gobos (square)	1000w	12
Strand	16/30		6 gel frames only	500w	9
Strand	Patt23			500w	2

Fresnel's

Make	Model	Detail / Accessories	Watt	Total
Prolite		10 Barn Doors	1000w	12
Prolite		7 Barn Doors	500w	7

Par Cans

Make	Model	Angle	Detail / Accessories	Watt	Total
	Par64	MFL	2x narrow globes	1000w	20
	Par16			50w	5

Wash

Make	Model	Detail / Accessories	Watt	Total
Prolite	Cyclorama Floods	(3) cells per unit – floor row	500w	4
Prolite	Cyclorama Floods	(3) cells per unit	1000w	4

Followspots:

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon Pacific		7.5 – 19	4 colour changer	1200w	1

Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Pin spots				30w	2
Mirror Ball		20inch	Heavy Duty Motor		1
Strobe					1
Faze		HP-2S		700w	1
Data Projector	Sony	VPL CX 120			1
UV Light					1
Sconce	K&M	Starlight Mini			4
Portable Appliance Tester	Kyoritsu	6201A			1

Patching:

Location	Quantity	Numbering (PS to OP)	Detail / Accessories
FOH 1	9	34 – 43	Twin Circuits
FOH 2	9	44 – 52	Twin Circuits
FOH Perches PS	4	59 – 62	Twin Circuits
FOH Perches OP	4	55 – 58	Twin Circuits
LX 1	11	23 – 33	Twin Circuits
LX 2	11	12 – 22	Twin Circuits
LX 3	11	1 – 11	Twin Circuits
Floor PS	2	53 – 54	Twin Circuits, Two 10amp GPO
Floor OP	2	63 – 64	Twin Circuits, Two 10amp GPO

Power:

3 Phase Outlets

- (1) OP side of stage near the Stage Management Desk.
Dimmers connected straight into the building power.

Cabling:

240v Extension Cable

The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig. There is a stock of extra cables but extra cable may need to be supplied in extreme situations with power heavy equipment.

Lighting Notes:

None of the venue bars can be swung or flown in.

There are no in house DMX runs. If you require DMX for show please let us know so arrangements can be made

AUDIO

Control Positions:

Control Room

Centre stage back of seating – sound proof.

Auditorium

Located at the back of the seating - Stage Right (normal audio position).

Total seat allocation 0

Control & Amplification:

Mixer

Soundcraft LX11, 24 channel, 6 Aux sends, 4 groups, phtm power.

Amplifiers

- (1) Camco Tecton 38.4 Ampifier (FOH)
- (3) Australian Monitor Synergy SY1600 Power Amplifiers (F.B)

EQ

- (3) DBX 1231 Dual 31 Band Graphic Equalisers

FX

- (1) Lexicon multi-effects.
- Compression / Limiter / Gates
- (1) BX 166XL Dual Compressor (FOH)
- (1) DBX 1046 Quad Compressor

Speakers:

FOH Speakers

- (2) Nexo PS15 with PS15 System Controller
- (2) JBL MR (in-fill)

Foldback

- (4) Turbosound TCS112

Playback:

Item	Make	Model	Detail	Total
C.D Players	<i>American Audio</i>		<i>Dual C.D. and MP3</i>	1

Microphones:

Make	Model	Detail / Accessories	Use	Total
Sennheiser	EW335G2D	Handheld Radio Microphone		2
Sennheiser	EW300G2	Lapel Mic kit		1
Shure	UT Radio mic	With SM58 Handheld		1
Shure	SM58		Vocal	3
Shure	Beta 57a		Instrumental	4
Shure	Beta 52a		Kick Drum	1
AKG	C1000s Condenser			4
Peavy	PVM Condenser			2
Beyer	SHM205A Lectern			1
Behringer	Ultra- DI			4

Accessories:

Item	Model	Detail / Accessories	Total
Konig & Meyer Starline	Soft-Touch	Tall Boom	4
Konig & Meyer Starline	Soft-Touch	Short Boom	4
	Round Base	Straight Stands	2
		Straight Stands	4

Line Patching:

Location	Quantity	Numbering	Detail
Stage (rear)	24	1 - 24	24 sends, 4 returns
Stage (front)	8		Sub-trunk

Cabling:

Audio Cable

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

Multicore

- (1) 30m 24 send 4 return FOH multicore
- (1) 15m 8way XLR return Multicore
- (1) 15m 8way XLR Drop Box Multicore

AUDIO VISUAL

Projectors:

Type	Model	Detail / Accessories	Total
Sony	VPL CX 120	3000 ansilumens	1

Screens:

Projection Screen

Front projection onto the CYC that is permanently rigged at the back wall of the stage.

Screen dimensions **4.5m high, 7.5m wide**

AV Playback Equipment:

Item	Model	Detail / Accessories	Total
LG DVD Player	DV 276		1
LG Player	V8824W	DVD and VCR player	1

Cabling:

The theatre only has available audio cable for the projector

Audio Visual Notes:

The projectors standard position is on seat D13, where there is located both audio and power.

BACKSTAGE

Communications:

Stage Managers Desk

The Stage Managers desk is located on OP and has access to head sets.

Talkback

Master Unit **Jands Ezycom Talkback**

Total sub stations **4**

In-House Camera Feed

The in-house camera feed consist of 5 flat screens and two cameras.

The screens are located in:

Front Office/Box Office, Bio Box, Dressing Room and alongside the Stage Manager's Desk.

There are two camera feeds, one of backstage near the Stage Manager's desk and one FOH of the stage.

The FOH camera feed is sent to the Dressing Room, the Stage Manager desk and Front Office/Box Office .The Backstage camera feed is sent to Bio Box and Front Office/Box Office.

This system allows Front of House to monitor the show and the backstage area during a performance, the actors to see what is happening on stage and allows the Stage Manager to call the show from backstage or the Bio Box more easily.

TV Screens **Soniq QV198LT 19" LCD TV**

Cameras **Camera - HI Res Low Lux** (Backstage)

Camera - HI Res Low Lux (Bio Box)

Paging

The theatre has multi-zone paging from Box Office.

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing room #1	12	(1) M (1) F	(1) M (1) F	There is a shower in each bathroom

Laundry / Wardrobe:

Washing Machines **N/A**

Dryers **N/A**

Drying rooms	N/A
Iron / ironing board	1/1
Clothes racks	Built into a separate wardrobe room, adjoining dressing room.

Production Facilities:

Production Desk

There is a production desk available on opposite prompt corner along with curtain controllers and com system. Sound can also be controlled from here if requested.

Greenroom:

Tea / Coffee facilities	Yes
Fridge / freezer	No (but one in venue kitchen)
Microwave	No (but one in venue kitchen)
Running water	Yes

ADDITIONAL FACILITIES & INFORMATION

Dance Studio:

The Venue also contains a dance studio that is hired for classes.

VENUE: Don Russell Performing Arts Centre

Venue Contacts:

Venue Address	Murdoch Road, Thornlie WA (Forest Lakes Forum Shopping Centre Complex)
Venue Postal Address	P.O. Box 662, Gosnells WA 6990

Staff Contacts:

Venue Manager	Robert Housely
Phone Number	(08) 9493 4577
Email Address	rhousely@gosnells.wa.gov.au
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Head of Lighting	Ursula Andinach
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Head of Audio	Troy Nababan
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Marketing/Admin	Farha Tajam
Phone Number	(08) 9493 4577
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Box Office **See Marketing/Admin**

Venue Plans:

Venue Plan Available

YES, hard copy at 1:50 can be mailed, or a PDF or DWG file emailed upon request.

Venue Information:

The theatre is fitted with an in house Talk Back System and Live Audio and Visual stage feed. Headsets are permanently located at the Audio Front of House Desk, Lighting Control Room, Stage Managers Desk, and Front of House Box Office. Additional headsets are available for use in other locations, including the Green Room. There is no wireless radio talk back.

If you are planning to use any curtains, backdrops, or other stage dressings including sets in your production, please note that they must comply with Health (Public Buildings) Regulations 1992 – Reg 23.

If changes to the standard lighting rig are required, such as modification of existing fixtures or installation of additional equipment, allowance must be made by the hirer for the in-house lighting rig to be reinstalled to standard during bump out.

Should you have any questions with any aspect of the information enclosed in this booklet or on any other technical aspect of your event, please contact the centre.