



KALAMUNDA PERFORMING ARTS CENTRE

TECHNICAL SPECIFICATIONS



Venue Introduction

KPAC is Perth's Theatre in the Hills! A creative heartbeat of the local community, and perfectly placed to draw audiences from both metro and regional areas.

The multi-space venue boasts a 257-capacity raked-seated Main Theatre, a Teaching Area that doubles as Rehearsal Space or Black Box Theatre, the historical Agricultural Hall and the Lesser Hall Gallery space. These facilities are complemented by a well-equipped Bio Box, highly skilled staff, ample backstage facilities, and a welcoming Foyer & Box Office area. As a result, KPAC has an excellent reputation as a performance venue for hire, as well as a much-loved home for events, conferences, weddings, exhibitions and markets.

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Theatre

Description:

Constructed in 1996 the theatre has raked seating and a concrete stage.

Dimensions:

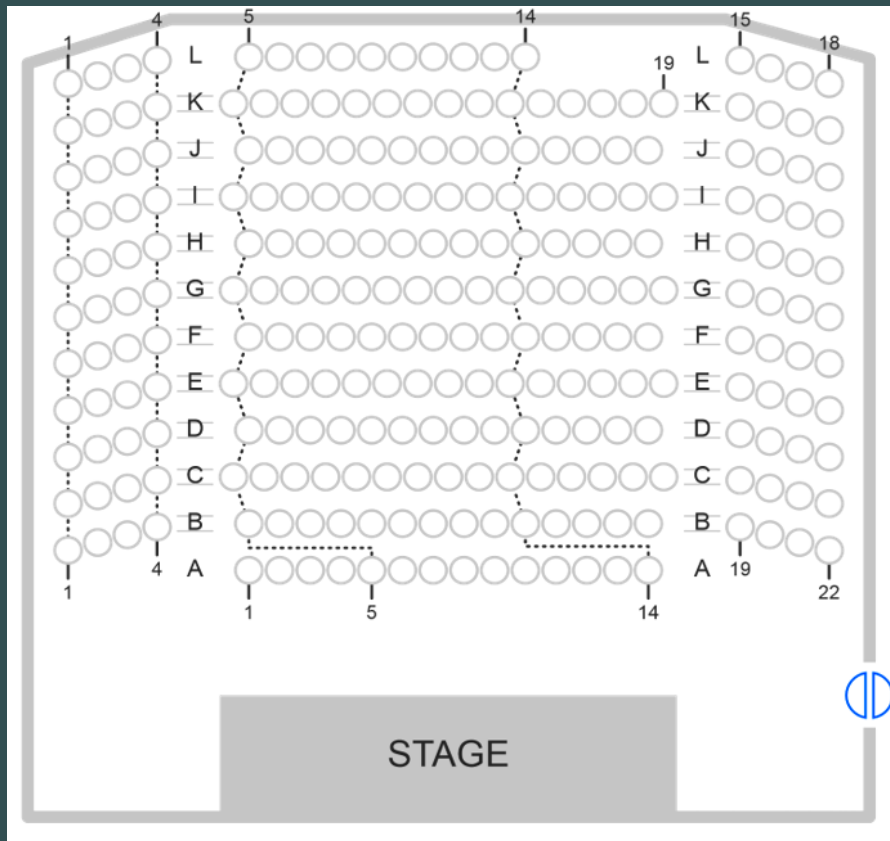
Auditorium – 13100x13800

Stage (inc wings) – 19600x9000

Bio Box – 2300x6100

Climate Control:

Full reverse cycle air conditioning.



Capacity:

With Row A 257

Without Row A 243

Row A is divided into the following sections:

- A 1 to 4
- A 5 to 7
- A 8 to 10
- A 11 to 14

Accessibility:

The auditorium is wheelchair accessible

Wheelchair seating can be provided by removing row A. Recommended 5 wheelchair spaces available

House Lights:

Combination of downlights and wall sconces.

Independent control: Yes

Control positions: Control Room

Fade time adjustable:

- Down lights - No, adjustment 10 second fade
- Wall Sconces - Yes, manual control



Stage Details:

Brief Stage Description:

Solid stage with removable apron.

Stage distributed load limit:

- Permanent stage, No Limit.
- Apron (removable) 300kg point load per unit.

Stage rake: No

Stage Dimensions:

- Width 10.5 m (proscenium opening)
- Depth 8.2 m
- Apron 10.5 m by 1.2 m (removable section 1.2m by)
- Height 5.5m (7.4m to grid level)
- Wing 1 (Left) 5m
- Wing 2 (Right) 3.5m

NOTE: Standard stage layout and measurements includes a stage extension. We do not reconfigure the stage.

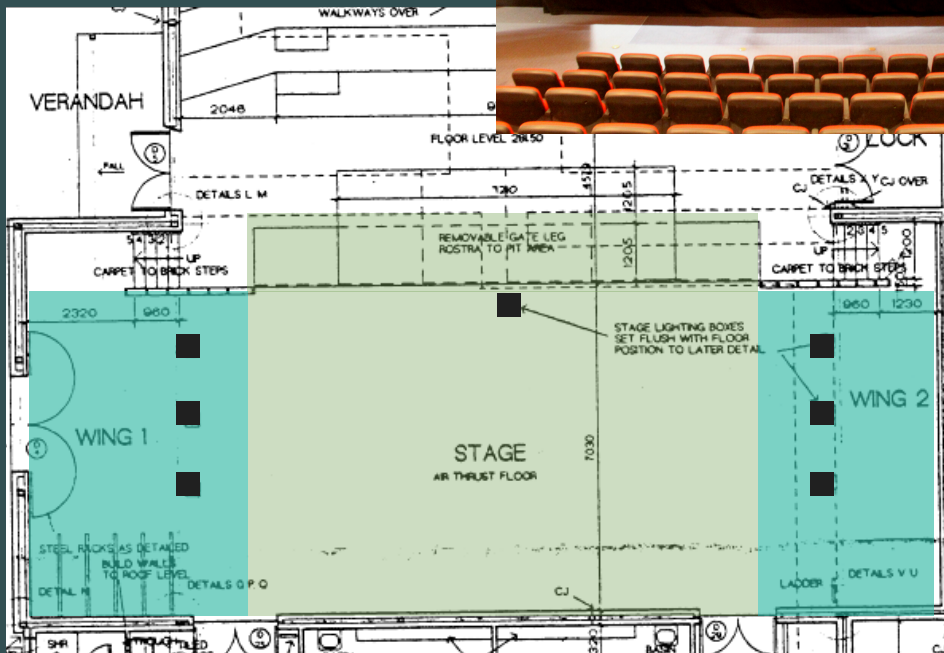
Stage Covers:

- Permanent Stage, Plywood over cement
- Apron Plywood on steel frames

Stage Traps:

- Prompt Stage - Down Stage / Centre Stage / Up Stage
- Centre Stage - Down Stage
- Opposite Prompt - Down Stage / Centre Stage / Up Stage

Stage Colour: Black



Drapery:

Curtain Control:

- House Curtain motorised traveller.
- Rear Tab manual pulley traveller.

Type	Material	Colour	Width	Height	Quantity
House Curtain	Velveteen	Red	5.5m	4.5m	2
Borders	Synthetic Wool	Black	10.5m	2.5m	3
Legs	Synthetic Wool	Black	3m	4.5m	6
Scenery display	Painted Fabric	Multiple	7m	2.5m	1
Masking Curtain	Synthetic Wool	Black	5.5m	4.5m	2
Cyclorama	Cotton	White	10.5	5m	1

Rigging:

Grid Height: 7.5m

Bar Height: approx. 6m on stage.

Position	Distance from Setting Line	Usable Bar Width	Working Load	Operation
FOH #1	1m	6m	200kg	Fixed Position
FOH #2	5m	6m	200kg	Fixed Position
Perches #1 (OP & PS)	5m	4x bars of 1m		Fixed Position
Perches #2 (OP & PS)	5m	4x bars of 1m		Fixed Position
House Curtain		10m		Fixed Position
Boarder #1		10m	200kg	Hand Winch
LX #1	1m	7.5m	200kg	Hand Winch
Boarder #2		10m	200kg	Hand Winch
LX #2	2m	7.5m	200kg	Hand Winch
Scenery Bar #1	2.5m	10m	200kg	Hand Winch
Boarder #3		10m	200kg	Hand Winch
LX #3	5m	7.5m	200kg	Hand Winch
Scenery Bar #2	6m	10m	200kg	Hand Winch
Masking Bar		10m		Fixed Position
Cyclorama Bat	7m	10m		Fixed Position

Lighting Control Details:

Lighting desk: ETC ION XE 20 2K

Signal output: DMX 512

Signal distribution: Control Room

Remote riggers available onstage: No

Dimmer Locations: Control Room

Dimmer Racks: Total Dimmers 72

- (3) 2.4Kw Dimmer Racks Jands FPX 12 dimmers per unit
- (3) 2.4Kw Dimmer Rack Theatre Light 12 dimmers per unit

DMX Distribution: (1) 20 m run to LX #3



Patch Positions:

Position	Quantity	Numbering (PS to OP)
FOH #1	18	1-18
FOH #2	18	19-36
Perches #1 OP	6	49-54
Perches #1 PS	6	55-60
Perches #2 OP	6	37-42
Perches #2 PS	6	43-48
LX #1	24	109-132
LX #2	24	96-108
LX #3	24	61-84
PS Trap - Down Stage	2	133-134
PS Trap - Centre	2	135-136
PS Trap - Up Stage	2	137-138
OP Trap - Down Stage	2	139-140
OP Trap - Centre	2	141-142
OP Trap - Up Stage	2	143-144
Centre Trap	0	

Stage Luminaire:

Profiles:

Make	Model	Angle	Detail / Accessories	Watt	Quantity
Selecon	Zoom spot	18-34	Gel Frames and Shutters	1200w	3
ETC	Source 4 Jr	25-50	Iris, Gel frames, Shutters, Gobo	650w	10

Fresnel's:

Make	Model	Angle	Detail / Accessories	Watt	Quantity
Selecon	SF1200		Shutters	1200w	16
Selecon	mini			500w	10

Par Can's:

Make	Model	Angle	Detail / Accessories	Watt	Quantity
	Par 64		Gel Frames 110v pairs	1000w	16
	Par 56		Gel frames	300w	16

Flood's:

Make	Model	Angle	Detail / Accessories	Watt	Quantity
Selecon	Cyc 500 Flood		Gel frames	1000w	8
	Par 56		Gel frames	300w	16

Followspot's:

Make	Model	Angle	Detail / Accessories	Watt	Quantity
Prolite		Fixed Angle	5 colour changer with stand	1000w	1

Cyclorama:

Make	Model	Angle	Detail / Accessories	Watt	Quantity
Highlite Infinity	TCYC-7		RGB CMY HIS Colour control	300w	4

Additional Lighting:

Make	Model	Angle	Detail / Accessories	Watt	Quantity
Pin Spot				30w	2
Mirror Ball			16inch ball with a heavy duty motor		1
Strobe					1
Water Effect					1

Power:

3 Phase:

- (6) available Located in the Bio-Box

Stage Power 240v:

- (2) outlets located Upstage Left
- (2) outlets located Upstage Right
- (6) outlets located Downstage Left
- (4) outlets located Downstage Right
- (4) outlets located Wing 2 (Right)
- (2) outlets located in each floor trap (12 total)

- (2) outlets located in row F seat 11/12
- (2) outlets located row L seat 4
- (2) outlets located row L seat 22

Cabling: 240v Extension Cable, assorted lengths.

Test and Tag:

- All KPAC portable electrical equipment has current electrical tag (12 months)
- All equipment brought into KPAC by a hirer or presenter must have current electrical tag (12 months)



Audio Control:

Control Positions: Bio Box (Centre stage back of seating. In control room alongside lighting.)

Total seat allocation: 0

Mixer: Allen and Heath QU 32

- 32 physical inputs
- 2 main LR outputs
- 4 Matrix outputs
- 8 Group outputs
- 10 Mix outputs

Amplifiers: Behringer iNuke 4600 4x 1000-watt amp

Processor: FX DBX Drive Rack PA2

Speakers: FOH Speakers

- (2) - Left and Right – High Mid Speakers – K-Audio KS12II
- (2) - Centre Stack – High Mid Speakers – K-Audio KS12II
- (2) – Bass – Sub Woofer – Active JBL PRX718XLF

Foldback:

- (4) Yamaha DBR12 12" 2-way Powered Loudspeaker
- (3) Behringer EuroLive B212

Playback:

Item	Make	Model	Detail / Accessories	Quantity
Duel CD Player	Numark		Duel CD and MP3	1
Strobe	LG			1

Microphones and DI's:

Make	Model	Detail / Accessories	Quantity
Shure	BLX4 PGXD4 Digital	Wireless Belt Pack- 3x headset Mic, 1x Lapel Mic	2
Shure	Beta SM58	Wireless Handheld Mic	2
Shure	SM58	Wireless Handheld Mic	2
Rode	NT5	Condenser Mic	4
Line Audio	CM3	Condenser Mic	4
Behringer	Ultra Voice XM8500	Vocal / Instrument Mic	6
EV	PL84	Vocal / Instrument Mic	1
Shure	SM57	Instrument Mic	1
Shure	PGA 52	Kick Drum Mic	1
Shure	PGA 57	Snare Drum Mic	1
Shure	PGA 56	Clip on Tom Mic	3
Shure	PGA 81	Condenser Mic	2
Behringer	Ultra DI Di20	Dual input active DI	8
Behringer	Ultra DI Di100	Single input active DI	1
Radial	ProDi	Single input passive DI	3
Radial	DroD2	Dual input passive DI	2

Accessories:

- Assorted Mic Clips
- Mic Standards – (12) x tall / 4 x short / 2 x round base straight
- Music Stands x 9.

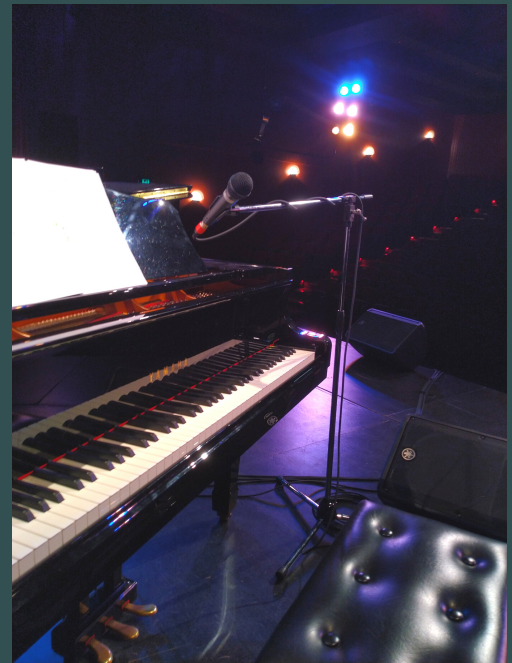
Audio Cabling: The theatre has a good stock of cable to accommodate the venue's equipment.

Multicore:

- (1) 15m 32way XLR return Multicore (Stage to control room run)
- (1) 15m 12way XLR Drop Box Multicore

Piano:

- (1) Yamaha Ebony C3 Grand Piano with stool
- (1) Upright piano with stool



Audio Visual:

Projectors: The venue has an in-house projector positioned between LX1 and LX2.

HDMI Ports:

- (1) Control Room
- (1) Wing 2 Down Stage

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

Screen Dimensions: 10.5m wide, 6 m high

Cabling: The theatre has sufficient cabling AV projection and accessories

AV Equipment:

Item	Make	Model	Quantity
Data Projector	Panasonic	PT-RZ770	1
Short throw Lens	Panasonic	DLE085	1
LG DVD Player	LG		1

Communications:

Master Unit: Jands Ezycom Talkback

Total sub stations: 4

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

Back of House Facilities:

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Room #1	4-8	(1) Male (1) Female	(1) Male (1) Female	Toilets and showers are located in the backstage ablutions block
Dressing Room #2	4-8	(1) Male (1) Female	(1) Male (1) Female	Toilets and showers are located in the backstage ablutions block

Washing Machines: No

Dryers: No

Drying rooms: No

Iron / ironing board: Available on request with approval from KPAC staff

Clothes racks: Clothes hooks available

Tea / Coffee facilities: Available upon request

Fridge / freezer: Available in Foyer Kitchen

Microwave: Available in Agricultural Hall Kitchen

Running water: Yes

Loading Dock:

Access: Truck access via side entrance to the theatre. Truck able to reverse up to loading platform. Entry straight onto the stage.
Dimensions: Loading Dock height from ground 0.72 metres.
Loading Dock Door 4 meters high x 2.1 metres wide

Access Equipment:

Ladders:

- (1) 4.5m Platform Ladder
- (1) 4m Extendable Ladder
- (1) 5m Extendable Ladder

Theatre Foyer

Description:

Built with the theatre in 1996 the foyer is open plan with some seating available, Box Office counter and bar facilities are also available.

Dimensions:

- Main Space 5.5m by 9m
- Entry Space 9.4m by 3.5m



Climate control: No

Toilet Facilities:

- Male Toilets, Downstairs
- Female Toilets, Downstairs
- Disability Access Toilets, on foyer level



Foyer Kitchen/ Bar:

A small kitchen with a bar counter, the kitchen is included within the hire of the theatre and can be used to serve morning/afternoon tea, or as a bar and kiosk during your event. Please contact KPAC administrators for details regarding food and beverage service requirements.

Climate control: No

Facilities available:

- Running water
- Instant hot water wall urn
- Fridge



Teaching Area

Description:

Constructed with the theatre in 1996, this space is utilised by the Kalamunda Senior High School (KSHS) Monday to Friday 8am to 5pm, during school term. Outside of this time it can be hired as additional backstage space, rehearsal space or as a standalone black box theatre. All equipment in this space is owned by KSHS and maintained by KPAC.

Dimensions: 9.5m x 14m

Climate Control: Reverse cycle air conditioning

Capacity: 33

Seating Details:

Plastic stackable chairs

House Lights:

Type: Down lights, Timer dimming no manual control
Control Position: Bio Box

Stag Details:

Description: Floor level, no defined stage area.
Surface: Carpet

Drapery:

Curtain Control: Masking curtain manual pulley traveller.



Type	Material	Colour	Width	Height	Quantity
Masking Curtain	Synthetic Wool	Black	5.5m	4.5m	4

Rigging:

Bar Height: 4.8m All bars are in a fixed position and cannot be moved or swung.
Positions: Grid Layout encompassing the venue's roof.

Lighting Control Details:

Lighting desk: Behringer Euro light LC2412
Signal output: DMX 512
Signal distribution: Control Room
Remote riggers available onstage: No
Dimmer Locations: Control Room
Dimmer Racks: Total Dimmers 24
(2) 2.4Kw Dimmer Rack Theatre Light - 12 dimmers per unit
This venue has no DMX runs at this time.

Patch Positions:

Position	Quantity	Numbering (PS to OP)
FOH #1 (Furthest away from Control Room)	9	1-9
FOH #2	9	10-18
FOH #3	9	19-27
FOH #4	9	28-36
FOH #4	9	37-45
FOH #6 (Closest to Control Room)	9	46-54
Wall #1 (Opposite to Control Room)	2	55-56
Wall #2 (Stage Left)	2	57-58
Wall #3 (Stage Right)	2	59-60

Stage Luminaire:

The venue has a variety of luminaires, all owned by Kalamunda Senior High School and unavailable for use by hirers.

Audio:

Sound System: Pioneer home HiFi system with CD player and Tape Deck, All sound equipment is owned by Kalamunda Senior High School and is not available for use by hirers.

A12-channel vocal PA available for hire (see Agricultural Hall, Audio for specifications)

Access Equipment:

Ladders: (1) 4.5m Platform Ladder

Agricultural Hall

Description

Agricultural Hall (Ag Hall) was built in 1923 with a flat open floor made of polished hard wood and a raked stage.

Dimensions: 13m x 21m

Climate control: Reverse cycle air conditioner

Stage Details:

Dimensions:

- 7.9m x 4.5m
- 3.8m high flat arch

Surface: Polished Hardwood

Capacity:

- 232 Standing
- 220 Seated (theatre style)
- 150 Seated (banquet style)

Seating Details:

White plastic stackable chairs

Chair Storage: Stored in adjacent Ag Hall Foyer in stacks of 10-12

Chair trolley available

Tables:

Table Capacity: 30

Table Type: White plastic 6" trestle tables

Table Storage: Stored under Ag Hall stage on movable trollies in stacks of 10

Drapery:

Curtain Control: House curtain manual pulley traveller.

Type	Material	Colour	Width	Height	Quantity
House Curtain	Velveteen	Red	10.5m	3.5m	4

Rigging:

Bar Height: All bars are in a fixed position and cannot be moved or swung.

- Front of House 1 - 5m
- Front of House 2 - 5m

Lighting Equipment:

There is no lighting equipment available in the Ag Hall at this stage. Please contact KPAC administration if you require any equipment for your event. There are no DMX runs in the Ag Hall at this time.



Kalamunda Agricultural Hall - 1947 Debutante Ball

Patch Positions:

Position	Quantity	Numbering (PS to OP)
FOH #1	5	1-5
FOH #2	5	6-10
Stage	5	11-16

Power

3 Phase: (2) available located in side of stage store room.

240v: (2) outlets located on each side of stage.

Audio Equipment

Item	Make	Model	Details	Quantity
Speakers	EV	Sx300	Stands included	1
Mixing Desk	Yamaha	MG12XU	iPod cable provided	1
Microphone	Sure	BLX SM58	Dual unit with stands provided	1
DI	Radial	PRO D2	Passive stereo DI cabling provided	1
Cabling			Assorted cabling	

Agricultural Hall Kitchen



Description:

Catering Kitchen is included in the hire of the Ag Hall. As this is a common space with the Ag Hall any theatre hirer wishing to utilise the kitchen will also need to hire the Ag Hall space. In this kitchen you are permitted to reheat only

Facilities Available:

- Climate Control: Yes
- Sink: Yes
- Fridge/Freezer: Yes, fridge only
- Microwave: No
- Urn: Yes
- Oven: Yes
- Dishwasher: Yes (the dishwasher is only available for use by KPAC staff)

Agricultural Hall Foyer

Description

Built in 1976 the foyer is a small open plan space with access to Male and Female toilets.

Dimensions: 9.2m x 4.5m

Climate control: No

Lesser Hall

Description:

Built in 1896 the Lesser Hall was the original Agricultural Hall and the first brick building constructed in the City of Kalamunda. This space is connected to the main Agricultural Hall and is included as standard, in all Ag Hall hires. Also available for individual hire the Lesser Hall is equipped with a small kitchen this space would be perfect for an intimate event workshop or meeting, and is equipped with a dedicated gallery system.



Kalamunda Agricultural Hall - 1898 Grand Opening

Dimensions: 7.9 x 7.9m

Capacity: 50

Seating available: White plastic stackable chairs.

Gallery System:

- Locator Wall mounted rail
- Inlite Tuba 11 12w LED light

Lesser Hall Kitchen Facilities Available:

- Sink: No
- Fridge/Freezer: No
- Microwave: No
- Urn: Yes

Audio:

A 12-channel vocal PA available for hire upon request (see Agricultural Hall above for specifications.)



Building Map

