

Goldfields Arts Centre

KALGOORLIE
WESTERN AUSTRALIA



Technical Specifications

2017 / 2018



Venue Technical Specifications

General information

Address

35 Cheetham Street
Kalgoorlie WA 6430

Postal Address

Goldfields Arts Centre
C/- PO Box 2042
Boulder WA 6432

Contacts

Venue Box Office	+61 8 9021 0999
Venue Coordinator Tegan Yaich	+61 8 9021 0998 gacmanager@ckb.wa.gov.au +61 8 9021 0995 gacadmin@ckb.wa.gov.au
Venue Technician David Ellers	+61 8 9021 0993 gactech@ckb.wa.gov.au

Vehicle Access

Stage Access & Car Parking

Vehicle entry is via Hanbury Street.

Seven car spaces are available near the loading dock and allocated at the discretion of the Presenter.

Back Stage Door is located between the Hanbury Street car park and loading dock door.

Loading Dock

Truck Access is via Hanbury Street. There is sufficient space to park one semi-trailer up to the stage loading door. Only end loading is available and ramps to the trailer are required.

Dock is at Stage /ground level.

The Loading Bay is situated on the PS (SL) side of stage with the following dimensions.

Maximum Door Height 5.700m

Maximum Door Width 2.400m

Auditorium and Seating information

The seating area comprises 20 rows. With a total of 700 seats available. First 3 rows are removable. (51 seats). **If seats are to be removed costs will apply.**

A seating plan is available via the website or on request.

Access into the auditorium is via 4 doors.

Access to the stage from the auditorium is done on either side through pass doors.

Stage Details

Brief Stage Description

The stage is non raked with proscenium and flying facilities. Timber floor board covered with Masonite sheets. Screwing into the floor may be permitted with authorisation from the Technical Manager.

Stage Dimensions

Proscenium	12m (W) x6m (H)
Main stage area without drapes	18.4m (W) x10m (D)
Main stage area with legs in & rear tabs	8.8m (W) x 9.6m (D)
Wing Prompt	2.40m
Wing Opposite Prompt	4m
Maximum floor loading	-
Surface	painted plywood (low sheen black)

Distance From

FOH light & sound control to front of stage	20.00m
Bio Box to front of stage	24.00m
Setting Line to Down Stage edge	1.145m
Setting Line to Fire Curtain	0.35m
Setting Line to House Curtain (Line 1)	0.65m
Setting Line to the back wall	11.00m
Setting Line to LX1 (Line 3)	1.03m
Setting Line to LX2 (Line 12)	2.84m
Setting Line to LX3 (Line 21)	4.87m
Setting Line to LX4 (Line 32)	7.28m
Setting Line to the last line (line 42)	9.28m
Distance from Stage Front C to Bridge 1 C	10.70m
Distance from Stage Front C to Bridge 2 C	19.10m

When the Fire curtain is fully retracted it is still 0.75m with in either side of the Proscenium Arch.

The house P.A. is Located on the front corners of the stage in front of the Fire Curtain

EWP

The Arts Centre has one 6m single man EWP available.
Maximum load is 132Kg this is for operator and tools required.
This is a non-motorised unit and requires the use of outriggers.
If a Forklift is required for bump-in this will be done at hirer's cost.

Ladders

- (1) 1.5m A frame ladder
- (1) 2m A frame ladder
- (1) 4m A frame ladder

Basement

Area 80sq/m (12m x 7m on arc)

Access Hoist 2.3m (wide) x 1.7m (deep)

Through to Pit 1.8m (wide) double doors

Stairs (P/S) 1.0m (wide) single door

Please Note - Hoist travels from Stage height down to the Basement.

Flying Facilities

Fly System

The fly system is a single purchase Hemp fibre handline system.

Fly system Details

Operating position	OP at stage level
Total number of Lines	39 lines
Batten Type	52mm O/D pipe
Batten spacing	200mm centres (approx.)
Batten W.L.L.	450Kg even distribution
Travel from Proscenium	7.4m
Cradle Capacity	396kg

Standard Hanging Plot

SL : Setting Line

Line #	Distance From SL	W.L.L	Standard Venue Allocation	Intended Use (hiring company use)
HC	35cm		Fire Curtain	Retractable, Fixed
1	65cm		House Curtain	
2	85cm			
3	105cm		LX1	Fixed
4	125cm			
5	145cm			
6	165cm			
7	185cm		4X4 Rear Pro Screen	Please Confirm Current Location
8	205cm		Border	
9	225cm		Legs	
10	245cm			
11	265cm			
12	285cm		LX2	Fixed
43cm space				
13	330cm			
14	350cm			
15	370cm			
16	390cm			
17	409cm		Border	
18	429cm		Projector	Please Confirm Current Location
19	450cm		Legs	
20	469cm			
21	489cm		LX3	Fixed
22	510cm			
23	530cm			
24	550cm		Half Stage Border	
25	570cm		Burgundy Curtain	Fixed
26	590cm			
27	609cm			
28	630cm			
29	649cm			
30	669cm		Border	
31	688cm		Legs	
43cm space				
32	731cm		LX4	Fixed
33	751cm			
34	Decommissioned			
35	791cm			
36	811cm			
37	Decommissioned			
38	Decommissioned			
39	871cm		Tabs	
40	901cm			
41	911cm		Cyclorama	Fixed
42	931cm		Old Cyclorama	Fixed

Drapes & Curtains

Drape	Quantity	Width (m)	Height (m)	Colour	Material	Comments
Fire Curtain	1	14	8	Blue	Fire Retardant	Line HC Non-Flyable Linear travel on motor
House Curtain	1	14	8	Black	Wool	Line 1 Flyable
Tabs	1	14	8	Black	Wool	Line 39 In Front of Cyc
Legs	3	4	8	Black	Wool	Line 9, 19, 31
Borders	4	14	3	Black	Wool	Line 8, 18, 25, 30
Cyclorama	1	14	8	White		Line 41
Curtain	1	14	8	Burgundy		Line 25 Not moveable

Lighting Facilities

Control System

ETC Ion 20 Fader, 1024 channels, touch screen

Strand Palette Classic – 250 channels -DMX

NOTE: The GAC Theatre has only 1 physical universe currently running from the Lighting Position to the Dimmer gallery located DS PS above the SM Area.
There is no 5pin DMX cable in the Venue

Dimmers

Quantity	Type	Protocol	Capacity
10	Jands HPC-AZ100	DMX	2.4kw
2	Jands DD-8 Distribution	DMX	N/A

Dimmers are located above Stage Managers position

DMX outlets are all 5pin XLR

DMX Distribution is on all LX bars and selected areas on stage & on the bridges.
Contact the Technical Manager for more information.

Stage Lanterns

Type	Quantity	Beam Angle	Power
Selecon Fresnel 1200	22		1.2kw
Par 64	12	MED/VN	1kw/240v
Selecon Mini-Fresnel	7		650w
Selecon Mini-PC	6		
Strand SL	20	15° - 32°	600w
Strand SL	8	23° - 50°	600w
Selecon ZS1200N	6	8° - 16°	1.2kw
Selecon ZS1200M	10	16° - 32°	1.2kw
Selecon ZS650	12	16° - 30°	650w
Selecon ZS650	7	24° - 40°	650w
Strand SL	8	10°	600w
Colortran Top Cyc Units	4		1250W
Selecon Performer MSR (Follow Spot)	2		1.2kw

NOTE:

Selecon 650w Fresnels – 7 Barn doors

Selecon 1200 Fresnels – 22 Barn doors

Barn Doors for the 650w units are suited to both the Mini PC's and Mini Fresnels.

Special FX

Quantity	Type
1	1500w Geni Giga Strobe
1	18" Motorized Mirror Ball
1	Jem zr44 Hi Mass Fogger

NOTE: Prior Notice must be given when using Atmospherics

Dimmable Outlets

Front of House

FOH1 Continuous slot - 6m from proscenium (approx) 27 outlets (201-227)

FOH2 Three slots - 17m from proscenium (approx) P, C, OP 19 outlets (245-264)

Apron Perch OP (228-231) & P (240-243)

On Stage

Lighting bars are fixed and cannot be swung

LX Bar 1	40 outlets [~line 3] (1-40)
LX Bar 2	40 outlets [~line 12] (41-80)
LX Bar 3	30 outlets [~line 21] (81-110)
LX Bar 4	30 outlets [~line 32] (111-140)

(6) Stage boxes with 2-3 in each on P and OP in the wings

(4) outlets far Prompt wall

(4) outlets far OP walls downstage

Audio Facilities

FOH Console & Processors

Quantity	Make & Model	Comments
1	Midas Pro 2 Digital Mixing System, Midas DL251 48/16 I/O Midas DL153 16/8 I/O Klark Technik Network Bridge AES50 – DANTE 64 ch converter	64 simultaneous input processing channels 8 VCA 16 mix buses 8 matrix buses Left, Right & Mono buses
1	Soundcraft GB8 32ch analog desk	Only 4 graphics for Foldback sends when this is used
3	Klark Teknik DN 370 dual EQ	
1	DBX PA+ Driverack System Controller	
1	Yamaha SPX100 Multi-FX Processor	
1	24 channel analogue multicore to mix position and Bio Box 24 channels includes the returns to stage	Gender changes needed for returns to stage

Sources

Quantity	Make & Model	Comments
1	Tascam MD – CD1 Player	
1	Yamaha Multi-disk CD Player	

Front of House P.A.

Quantity	Make & Model	Powered	
2	L'Acoustics 115XT HiQ	L'Acoustics LA8	Bi-amp'd
2	L'Acoustics SB18i Subs	L'Acoustics LA8	Passive
2	L'Acoustics 12XTi	L'Acoustics LA8	Stereo In-Fill

NOTE:

Both the FOH and In-Fill speakers are located far down stage prompt and opposite prompt. Please keep this mind as microphone placement may need to be considered.

Fold-Back System

NOTE: 6 Individual amplified sends are available & located @ stage managers box

Quantity	Make & Model	Powered
6	Turbosound wedges 600w	Lab Gruppen IP 2100 in Stage Managers Box

Microphones/DI Boxes

Quantity	Make & Model
2	Shure SM81 (instrument)
1	Shure SM58 Beta (vocal)
8	Shure SM58 (vocal)
7	Shure SM57 (Instrument)
1	Peavey PVM 520 (Bass)
4	Audio Technical Condenser's (with clips)
1	Shure Drum Kit Mic Set (x3 SM57 with clamps/x1 Beta 52A)
4	Crown PZM Plate Mic
2	Radial J48 active D.I.

Wireless Microphones

Quantity	Make & Model
8	Sennheiser EW 300 G3 receiver
4	Handheld 935 transmitter
8	Beltpack transmitter
4	Sennheiser ME 4 Lavalier Cardidoid
4	Slimline skin tone single ear headset

General Audio

Quantity	Type
1	24/4 Multicore 40m
13	Microphone Boom stands
2	Lectern Goosenecks
1	Lectern Light/power supply

General Accessories

Quantity	Type
2	Steel Rostra (Black Carpet top + Skirt) 600mm(H)x2400mmx1200mm
2	Steel Rostra (Black Carpet top + Skirt) 300mm(H)x2400mmx1200mm
1	Baby Grand Piano (Movable)
1	Gold Lectern (600mmx1145mm)
	Chairs & Tables

www.goldfieldsartscentre.com.au 11

A/V Equipment

Bio Box	Centrally located directly behind mix position Comms, 32A 3phase, Cat6 patch point, (2) Performer follow spots, curtain and house lights control.
Rear Projection Screen	Framed & Flyable (4m x 4m) Free Standing (3m x 3m)
Data Projector	Sony VPL-CX150 (Able to mount on Fly Bar) VGA and composite input only, standard def Native Res. 1024x768, 4:3, 3500 Ansi-Lumens. Projector to screen is 7.5m throw 1x Epson EB435W Short throw
Satellite Receiver	Vast receiver in Bio Box (set up for receiving simulcasts via the Westlink network). Audio is linked to the sound system using DBX dB10 DI's

NOTE: We do not have any video switching devices, This must be organized/paid for by the hirer

GAC CAT5e, CAT6 Shielded & Single Mode Fibre Network

The GAC has recently been upgraded with CAT5e, CAT6 and Single Mode Optical Fibre (SMOF). There are multiple termination points throughout the venue to connect via the existing I.T. network or Point-to-Point. in the venue.

Theatre Three Phase Power

Quantity	Location	Amps/Outlet3Ø	Connect
2	Stage Back wall	32A	3phase Connector
1	Bio-Box	32A	3phase Connector

NOTE:

All mains electrical connections & disconnections are only carried out by Arts Centre personal

Test and Tag

All electrical appliances shall be tagged with an appropriate safety tag in accordance with AS 3760:201003

Stage Management Facilities

Stage Managers Console

The Recessed Stage Managers area is located on the Prompt side.

The Stage Management Console contains all standard facilities including:

Talkback

Base Station	(1) Jands EziComm
Belt Packs	(5)
Headset	(5) Beyer Dynamic
Wireless	N/A
Talk Back Positions	Stage managers Box, Fly System (on cable runner), Bio Box, Mix Position, Bridges 1 & 2, Gantry Back stage

Back Stage Accommodation

Dressing Rooms

Quantity	Type	Details
2	Large Room	11 individual positions with lighted mirrors and 2 costume racks, 2 showers, 2 vanity basins and 2 toilets
2	Single Room	1 position with lighted mirror and costume rack, shower, toilet and vanity basin
1	Green Room	Tea/Coffee, fridge & basin and comfortable seating

NOTE:

Access to Dressing Rooms is located upstage prompt and off prompt side.

Dressing Rooms have access to A/V feeds from the stage including.

Function Room access is located near loading dock.

There Are No Laundry Facilities at This Venue

WIFI/Internet Access Available at This Venue please contact technician to ensure that the system can be setup for the location that you require – please request passwords on arrival

Smoking

Smoking within the building and within 10m of doorways and air con intake ducts is strictly prohibited

Food & Beverage

In relation to backstage catering the Arts Centre has standard menu's available upon request. Contact the Venue Manager for details.

