

Goldfields Arts Centre

KALGOORLIE
WESTERN AUSTRALIA



Technical Specifications

UPDATED JUNE 2010





GOLDFIELDS ARTS CENTRE – TECHNICAL SPECIFICATIONS

STAGING FACILITIES

STAGE DIMENSIONS

Proscenium	12m x 6m high
Stage	10m deep (min to Cyclorama) 18.4m wide (max) Wing Prompt - 2.4m Wing Opp. Prompt – 2.4m
Front Curtain	Colour – Black (Flyable – Bar 2) Fire Curtain – Burgundy (Not Flyable)
Flying Facilities	Single purchase counterweight type 39 lines @ 200mm centres (approx) – Incl 4 LX Bars Travel – 8m above proscenium opening Capacity 450kg per line approximately
Masking	Made from Black Wool Borders (x4) 14m x 3m Legs (x3) 4m x 8m Tabs (1 set) 14m x 8m
Cyclorama	White filled cotton cloth (14m wide x 8m high)
Power	1x 3 Phase Outlet (2 x 32amp) on back on wall onstage

ACCESS

Dock Door	2.4m wide x 5.7 high Dock door & stage at ground level Entrance off Hanbury St
Entrance to Stage	2.4m wide x 5.7m high

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.

BACKSTAGE FACILITIES

DRESSING ROOMS

General Rooms (2)	11 Individual positions with lighted mirror, 2 showers, 2 vanity basins and 2 toilets with two mobile wardrobe racks.
Single Rooms (2)	1 position with lighted mirror, shower, vanity basin and toilet with built-in costume rack.
Green Room	Comfortable recreational area for cast and crew with tea/ coffee making facilities.

Access to Dressing Rooms Located upstage prompt side and off prompt side.

Please Note: Dressing Rooms and Green Room have both Audio and Video feeds from the stage, as well as local television channels. There are no laundry facilities in the venue, however, there is a Laundromat within walking distance.

STAGE MANAGEMENT FACILITIES

Stage Manager's Prompt Corner

Recessed working area housing all technical outlets. Mobile stage manager's console situated in prompt corner. Console can also be operated from OP



AUDITORIUM

There are four entrances to the auditorium. There is access to the stage from either side of the auditorium through pass doors.

SEATING

The capacity of the theatre is 676. The front 3 rows (51 seats) are removable. 24 loose chairs can be added to the rear of the auditorium, to bring the capacity to 700.

TECHNICAL FACILITIES - COMMUNICATIONS

TALK BACK SYSTEM

The system enables the stage manager two way communications between the operating position and all the staff working on the show via headsets and cue lights. 6 Headsets available (SM, Sound, LX, Follow Spot and Flys)

CUE LIGHTS SYSTEM

Nine outlets available throughout the theatre. Master panel located on Stage Manager console.

PAGING FACILITIES

This system allows information to be broadcast from the SM's console or the bio-box to selected areas of the theatre, such as dressing rooms or foyers.

PROGRAM MONITOR

This system allows the broadcast of the activity on stage to selected areas such as the dressing room and green room.

TECHNICAL FACILITIES - LIGHTING

LIGHTING CONTROL BOARDS

Strand Pallete Classic – 250 channels, 2 playbacks, 32 submasters (Primary)

Jands ESP II - 24/48 manual or memory with soft patch and 12 pages of 12 submasters

DIMMERS

Dynalite 200 Series – 10 units of 12 x 2.4kw digital dimmers (10 amps)
 (108 usable channels)

LUMINARIES

Parcans 240V Par 64 1kw	10	
Selecon Fresnels 1200 1.2kw	22	(Includes 22 Barndoors)
Selecon MiniFresnel 650w	8	
Selecon MiniPC 650w	6	
Strand SL 15° -32° 600w	22	
Strand SL 23° -50° 600w	12	
Selecon ZS1200N 8°-16° 1.2kw	5	
Selecon ZS1200M 16° -32° 1.2kw	10	
Selecon ZS650 16° -30° 650w	9	
Selecon ZS650 24° -40° 650w	7	
Strand SL 10° 600w	8	
Colortran Top Cyc Units 1250W	4	(Blue, Red, Amber and Green)
Selecon Performer MSR 1.2kw	2	(Follow Spots)

Please Note:

Selecon 650w Fresnels – 7 Barndoors. Please Note: That the Barn Doors for the 650w units are suited to both the Mini PC's and Mini Fresnels.

OUTLETS

FRONT OF HOUSE

Bridges

1	Continuous slot - 6m from prosc (approx) 27 outlets (201-227)
2	Three slots - 17m from prosc (approx) [P,C,OP - 3 ea] 21 outlets (245-264)
Sides	OP (228-231) & P (240-243)

ON STAGE

Lighting bars are non-movable to other fly lines.

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)

ADDITIONAL

Dip traps - 3 traps per side - d/s, m/s, u/s] 3 per trap

Fly floor - 10 outlets per side - 4 d/s, 3 m/s, 3 u/s & wall- 2 per side [d/s]

Downstage outlets - 4 per side adjacent to prosc arch



TECHNICAL FACILITIES – SOUND

FOH REINFORCEMENT

Turbosound TXD 15M bi amped Composite Boxes (x 2),
powered by 2 Lab Gruppen IP2100 amplifiers & YAMAHA 1820s

Bass speakers (x 2), powered by 2 YAMAHA PC4002M amplifiers

JBL 4716 Imaging Speakers, powered by a YAMAHA P2700 amplifier.

The imaging speakers are also located on stage and are used as fill for the front of the auditorium.

FOLDBACK

4 x Turbosound wedges 600W

1 x Lab Gruppen IP 2100 amplifier (Send 1 & 2 – permanent)

1 x YAMAHA PC4002M amplifier (Send 3 & 4 – optional)

NOTE: The additional Foldback sends can be achieved by using 2 stage mic lines as sends.

CONTROL EQUIPMENT

AUDIO CONTROL DESK

SOUNDCRAFT GB 8 Console - 32*8*2. 32 Mic Inputs, 4 Stereo Inputs, 4 Stereo returns, 8 Groups, 8 Aux sends, L / R / C Outputs, 4 Matrix Out. connected to Stage through a 24 line microphone patch bay with 2 Monitor Sends

1 x Sennheiser HD 280 Pro Headphones

PROCESSING EQUIPMENT

Klark Teknik DN 370 dual EQ (x 3)

DBX system controller

YAMAHA GQ1131 Graphic Equalisers (x 1)

YAMAHA SPX1000 Multi-effects processor (x1)

JBL M 712 Dual Compressor/ Limiter – Gate (x1)

DBX crossover – system controller

SOURCES

Tascam DA-30 DAT Player / Recorder

Tascam MD – CD1 Player / MD record

Tascam 302 MK 2 Dual Cassette player / recorder

Also Available on request

YAMAHA CDC625 Multi-disc CD player

YAMAHA KXW262B Dual cassette player

Kenwood single CD player

Sony JA 3 ES - MD player

MICROPHONES AND DI BOXES

Shure SM81 instrument/ reinforcement (x 2)

Shure SM58 Beta vocal mic (x 1)

Shure SM58 Vocal mic (x 8)

Shure SM57 Instrument mic (x 7)

PVM 520 Bass mic (x 1)

Shure LX wireless system with Beta 58 (x1)

MICROPHONES AND DI BOXES (Continued)

Shure LX wireless system with Lapel mic Audio Technica	
Condenser mic's with pack and clips	(x 4)
ARX DI Boxes	(x 3)
4 way Altronics K 5555 DI Box	(x1)
Altronic DI Dokes	(x 1)
Shure TUV wireless system with Lapel mic	(x 2)
Shure SLX wireless system with Lapel mic/Headsets	
/SM 58 Hand helds	(x 4)
Sure Dtm Mic Kit (3x SM 57 with clamps / 1 x Bets 52A)	
Crown PZM Plate Mic's	(x 4)
1 x 24 channel – 4 returns Multicore	
Mikestands	(x17)
Lecturn Goosenecks	(x2)

TECHNICAL FACILITIES – AV EQUIPMENT

Rear Projection Screen	Framed & Flyable (4m x 4m) Free Standing (3m x 3m)
Data Projector	Sony VPL-CX150 (Able to mount on Fly Bar)

GENERAL ACCESSORIES

Rostra	2 x Steel frame with black carpet top (8' x 4' x 2') 2 x Steel frame with black carpet top (8' x 4' x 1')
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Baby Grand Piano – Royale Movable
 Plastic Tables & Chairs
 Gold Lecturnette Conference Lecturn

EFFECTS

1500 Watt Mega Strobe
 Smoke Machine
 Hazer
 18" Motorised Mirror Ball

STAFF CONTACT

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