

THE
LYRIC
theatre

Jozi's newest luxurious world-class theatre

TECHNICAL SPECIFICATIONS



Pure Jozi Pure Gold

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Version	Date	Author	Comments
2.0	10122007	C. Stevenson	Additional seating and incomplete specs updated
1.0	19062007	C. Stevenson	Prior to completion of construction and subject to change.

CONTACT INFORMATION

Physical Address

Gold Reef City Casino
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Ormonde
Johannesburg
2159
SOUTH AFRICA

Postal Address

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Contacts

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BANQUETING	011-248-5014
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FRONT OF HOUSE	011-248-8930
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GET IN

Entrance is via Security Check Point, Staff & Deliveries Entrance, Northern Parkway, Ormonde.

Turn left and proceed through open parking to undercover parking on right hand side. Maximum weight loading: 4 ton vehicle.

Loading by lift is via the 5.5M wide x 2.4M high opening of the undercover parking level 1 and then along a 46M long access driveway to the scissor lift located at orchestra pit level below the stage. Access to the scissor lift is through 2.4 x 2.4m double door. The stage is 3.6M above ground level.

Side loading is available via driveway ramps to undercover parking level 2 with a clearance height of 2.4M to a 4M wide x 3M high roller shutter door located at stage level stage right.

ACCESS WIDTH	LIFT LOADING		SIDE LOADING
	ACCESS HEIGHT	5.5M	2.4M
MAX HEIGHT:	2.4M		3M
MAX LENGTH:	10M		4M
MAX DEPTH	1.8M		-
MAX WEIGHT:	5,000 kg		-
MAX WEIGHT LOADING:	4 ton vehicle		

AUDITORIUM SEATING

Configuration

Continental style seating with stalls, dress circle, and six serviced Royal Boxes.

Capacity

	SEATS
STALLS (STANDARD):	784
STALLS (WHEELCHAIR):	6
DRESS CIRCLE:	300
ROYAL BOXES:	12
TOTAL:	1102

Wheelchair Seating

Wheelchairs may be positioned on wheelchair ramps on either end of rows F, H and N.

Children's Seating

10 cushions are available from Front-of-House for children.

ORCHESTRA PIT

Orchestra pit depth:	2'600 mm max
Orchestra pit area:	70 m ²
Orchestra pit lift:	10m x 1.8m/0.5m curved (can be used at pit, auditorium or stage level)
Pit accommodation:	Approx 20 musicians

STAGE DETAILS

Dimensions

Proscenium	
Width	12'500 mm
Height	6'250 mm
Stage Width	
Stage width between fly galleries	19'900 mm
Stage width wall to wall	28'750 mm
Stage right - Pros to side wall	6'350 mm (11'250 mm)
Stage left - Pros to counter weight frame	5'000 mm
Stage Depth	
Stage depth - DS edge of stage to back wall	12'700 mm
Stage depth - Full Flying Height	8'400 mm
Setting line - 500mm upstage of edge of stage	
Forestage extension using pit lift (curved)	1'800/500 mm
Stage Height	
Stage height - Stage to grid	15'500 mm
Maximum out dead on flybars	15'000mm
Back stage height	4'550 mm
Stage left height	7'100mm
Stage right height	7'250 mm
Stage height	900 mm

Stage Description

Rake

None

Stage floor

Semi-sprung timber with Masonite skin

Maximum floor loading

TBC

Stage Drapes

DRAPE	QTY	WIDTH	HEIGHT	FULLNESS	COLOUR	MATERIAL
House Curtain	2	15400	7500	200%	Brick Red	Velour
Tabs	4	15400	7500	-	Black	Velour
Legs	8	5500	7500	-	Black	Velour
Legs	6	3300	7500	-	Black	Velour
Borders	4	15400	-	-	Black	Velour
Skycloth	1	18000	7500	-	Pale Blue	Filled cloth
Gauze	2	18000	7000	-	Black/Pale Blue	Sharkstooth

FLYING SYSTEM

42 Single purchase counterweight sets on 195mm centres. Maximum load is 300kg per bar. Distances from setting line (500mm upstage of edge of stage).

Line No	Distance	Line No	Distance	Line No	Distance	Line No	Distance
1	100	12	2245	23	4390	34	6535
2	295	13	2440	24	4585	35	6730
3	490	14	2635	25	4780	36	6925
4	685	15	2830	26	4975	37	7120
5	880	16	3025	27	5170	38	7315
6	1075	17	3220	28	5365	39	7510
7	1270	18	3415	29	5560	40	7705
8	1465	19	3610	30	5755	41	7900
9	1660	20	3805	31	5950	42	8095
10	1855	21	4000	32	6145		
11	2050	22	4195	33	6340		

LIGHTING FACILITIES

FOH Throw Distances

Front bridge to setting line at head height	5'000mm
Balcony rail to setting line at head height	17'500mm
Rear Bridge/Follow Spots to setting line at head height	17'000 mm

Control System

Grand MA.

Dimmers

QTY	TYPE
240	10A Zero 88 Chilli-Pro dimmers
24	25A Zero 88 Chilli-Pro dimmers

Moving Lights

QTY	TYPE
8	1.2kW Clay Packy <i>Alpha Profile</i> 1200 framing spot
6	800w ADB <i>Warp/M</i> with iris and scroller

6	750w 80v Robe 750AT Tungsten wash lights
24	700w Robe ColorSpot 700E AT spots
24	700w Robe ColorWash 700E AT wash lights

Generic Luminaires

QTY	TYPE
4	1.2kW Robert Juliat <i>Topaze</i> follow spots (throw 17m)
180	575w ETC <i>Source Four</i>
	Lenses available: (6 x 5°, 24 x 10°, 12x14°, 60x19°, 60x26°, 60x36°, 32x90°)
24	575w ETC <i>Source Four PAR</i>
12	575w ETC <i>12 light battens</i>

Accessories

QTY	TYPE
36	ChromaQ <i>Broadway</i> colour scrollers
24	ChromaQ <i>Plus</i> colour scrollers
10	8 channel ChromaQ PSU units
6	Martin <i>RS485</i> opto isolator/splitters
36	Iris diaphragms
48	Gobo holders
24	Top hats for 10° units
72	Top hats for 19/26/36° units
24	Top hats for par units
4	Jem <i>ZR33 Hi Mass</i> smoke machines
2	Jem <i>ZR24/7</i> haze machines
1	Jem <i>Glaciator</i> heavy fog machine

STAGE MANAGEMENT FACILITIES

STANDARD OPERATING POSITION

PS SIDE OF STAGE

The Stage Management Desk includes:

- Audio and Video Run of Show
- Smart Draftsman Adjustable Chair
- Desk Lamps
- First Aid Box (additional cost)
- Tool Box (additional cost)

Run of Show

Standard monitoring of the stage with two fixed focus cameras, colour, day/night with infrared, and 14" colour video monitors positioned:

- 1 x Conductor (visible from stage)
- 1 x Stage Manager's Desk
- 2 x Foyer Plasma Screens
- 6 x 14" Monitors on Stage
- 2 x 72cm Monitors in Auditorium

Run of Show and paging from Stage Manager's Desk to ceiling mounted loudspeakers:

QTY	POSITION
1	Resident Stage Managers Office
1	Stage Managers Desk
1	Visiting Production Office
1	Crew Room
4	Green Room
2	Star Suites
4	Large Dressing Rooms
4	Small Dressing Rooms
1	Band Room
1	Rehearsal Room

Communications

12 x single channel communication beltpac's C/W 10M Cable and single muff headsets and 15 outlet positions.

QTY	OUTLET POSITION	TYPICAL USER
12 Cable Coms	Stage, Lighting, Sound	Follow Spot Orchestra Pit
4 Radio Coms	Stage	

Airphone 3 Way Communication Phones

QTY	POSITION	TYPICAL USER
1	Box Office	FOH Manager
1	Control Booth	Lighting Operator
1	Stage Managers Desk	Stage Manager

Stage Boxes

QTY	POSITION	TYPICAL USER
1	Stage Manager Desk	Stage Manager
4	Onstage	Stage Staff
2	Pit Area	
4	Stage Grid and Cat Walks	
1	FOH Control Position	Lighting Board Operator

Ladders

QTY	DESCRIPTION
1	2M Stage Ladder
1	Tallescope, Jono Ladder 9M
2	3M Stage Ladders
2	A-Frame Ladders

SOUND FACILITIES

FOH Processing

QTY	MAKE
1	Yamaha Digital Theatre Mixing Desk
1	Media Matrix, Neon N3, Digital Signal Processor 8 in 24 out
6	Yamaha Digital Mic Preamps

Playback

QTY	MAKE
1	Denon Professional Compact Disc Players
3	Prosound PC C/W 2 MEG RAM & Nuendo Package
2	Generic 8 Port Hub
1	Layla Echo Sound Card

Microphones

QTY	MAKE
32	DPA Lavalier Microphones
32	Sennheiser 500 Series C/W Body Pack Transmitters
6	Sennheiser 500 Series C/W Handheld Transmitters (565)
4	Electro-Voice Dynamic Super Cardioid Lead Vocal Microphones
8	Electro-Voice Dynamic Cardioid Instrumental Microphones
8	K&M Microphone Stands
12	KT Active Direct Injection Boxes
5	DPA Headworn Mics - 3 Black; 2 Flesh / White

Speaker System

POSITION	SPEAKERS
7 Left; 7 Right; 6 Centre	20 x Meyer Sound, Melodie Speakers
3 Left; 3 Right	6 x Meyer Sound, Dual 15" Sub Bass Drivers
Front of Stage	8 x Electro-Voice Two Way 150 Watt Low Profile S40
Amp Room	2 x Crest Dual Channel Power Amplifiers

Normal speaker configuration is 8 cabinets L & R and four centre with subs on each side.

Monitor System

POSITION	SPEAKERS
4 FOH; 6 Stage; 2 Orchestra Pit	12 x Electro-Voice Two Way 12" Monitor Loudspeakers 5 x 100
Amp Room	6 x Crest Dual Channel Power Amplifiers
Orchestra Pit	2 x Hearback 4 PAC's C/W10 4 Mixers

Foyer Public Address

QTY	MAKE
1	Sony Single Disc DVD/CD Player (6 Disc Changer)
1	RCF 5 Input Mixer Amplifier
1	Electro-Voice Grip to Talk Microphone
1	Emergency Evacuation System with paging horn, amplifier and microphone

BACK STAGE FACILITIES

Dressing Rooms

The dressing rooms are located alongside stage with direct access stage left. Dressing space for 52 with seats, make-up stations with lighting, audio run of show, dress rails, and lockers with access to shower and change area with four showers and four wash basins.

Room No	No of People	Facilities
West End	1	Star suite, en suite toilet & shower; ; personal safe; .
Broadway	1	Star suite, en suite toilet & shower; ; personal safe; .
1	4	Toilet & wash basin
2	8	Toilet & wash basin
3	8	Toilet & wash basin
4	8	Toilet & wash basin
5	8	Toilet & wash basin
6	4	Toilet & wash basin
TOTAL:	42	

Green Room

Situated in the centre of the dressing rooms on stage level including:

- Audio Run of Show
- Urn
- Microwave

- Bar Fridge
- Vending Machine

Rehearsal Room

The 51 m² rehearsal room is situated above stage left on the mezzanine level including:

- Semi-sprung wooden floor with Masonite skin
- Ballet Barres
- Wall Mirrors
- Portable Sound System
- Upright Piano, Sandner SP1005

Wardrobe

Laundry located alongside dressing rooms with access to stage includes:

- 2 x 12 kg Industrial Washing Machines
- 2 x 7.5 kg Industrial Tumble Driers
- Dress Rails
- Sewing Machine (additional cost)
- Ironing Facilities (additional cost)

Production Office

For use of visiting production company manager and director including:

- Audio run of play
- Telephone line
- Lockable filing cabinet
- Personal safe

Conductor's Suite

Adjacent to orchestra pit with en suite toilet and shower.

Band Room

Adjacent to orchestra pit with seating and lockers for 20 musicians.

Crew Room

Orchestra pit level with seating and lockers for 16 crew.

Workstore & Props Room

Basic workspace and tools.

FRONT-OF-HOUSE AND ADMINISTRATION FACILITIES

Area	Ext	Facilities
Foyer	-	Two foyer bars, confectionary bar, two dress circle bars. Royal boxes serviced from dress circle bars.
Crystal Room	-	Available for hire with fully-equipped bar and cocktail facilities for up to 100.
Theatre Administration	5167	For Theatre Staff only.
Box Office	5168	For Theatre Staff only.
FOH Office	8930	For Theatre Staff only.