
GLEN STREET THEATRE



MAIN STAGE TECHNICAL SPECIFICATIONS

Last Updated 19/01/2018

GENERAL The theatre is in a proscenium arch form with a raked fan-shaped auditorium and an orchestra pit that can be covered to provide a thrust area.

SEATING Seating capacity is 400 people including access for the physically disabled.

FOYER The Theatre Foyer includes a kiosk and licensed bar.

CROWN ROOM The Crown Room is the rehearsal room on the Mezzanine level. It has a sprung dance floor 11m wide by 8.50m deep, with a ceiling height of 4.15m. A small kitchenette is located in the eastern end

ORCHESTRA PIT Dimensions are 10m wide by 4m across. Depth from front of stage is 2.4m. Authorised to hold 27 musicians. Pit wall is fitted with audio and power outlets. Access via stairs in OP wings.

STAGE DIMENSIONS

Maximum on Stage: The stage is licensed to carry 79 people.

Proscenium: Width 10m
 Height 5m

Stage Width: (wall to wall) 22m

Stage Depth: Setting line to back wall 8m
 Setting line to last set of lines 6.79m
 Setting line to edge of forestage 1.1m
 Setting line to front edge of pit 3m

Stage floor: Surface is masonite panels laid over hard wood, no rake.
 Masonite panels colour is black.

 Areas painted by hirer must be returned to original colour. Paint type must be approved before use.

Stage Loading: 750kg per square metre / 450kg concentrated.

Stage Height: To underside of grid 12m
 To fly gallery floor - OP 5.05m
 PS 7.2m
 Drift 6.5m

Width between
fly galleries: 13.13m
Standard batten length: 12.8m

GLEN STREET THEATRE

STAGE MACHINERY

Counterweight sets: 40 single purchase, 4 line counterweight set installed on OP wall frame. Flown from stage level OP side.

Cradle capacity: 450kg
Standard fly weights: 15 & 7kg
Batten travel: 11.5m
Rear of the Prosc Arch is considered the setting line.

Fire Curtain: Material: Fire resistant fibre
Released from: Prompt and OP Corners
Winch-up mechanism: Motorised, from OP Corner
Operating time: under 30 seconds

Water Curtain: Sprinkler system that drenches fire curtain, controlled from Prompt or OP corners.

Smoke Extraction Automatically or manually activated.

FACILITIES

Loading Dock Door: Wide 2.14m
Height 3.44m
Diagonal 4.05m

Loading dock is 1.15m above ground level.
Vehicle access to loading area - enter via Glen Street.

DRESSING ROOMS

There are two dressing rooms, with lit make-up mirrors and benches, costume racks and ensuite toilets, showers and kitchenette.

	<i>Size</i>	<i>Area Sq m</i>	<i>No of persons</i>
Dressing Room 1	5.5m x 7.35m	30.19m	25
Dressing Room 2	5.5m x 7.35m	30.19m	25

Dressing Room 1 is equipped with a Hoover top loading washing machine and a tumble dryer.

STAGE DRAPERY

Legs: 3 pairs height 6m
width 2.3m
cloth: flat, black wool

6 pairs height 6m
width 2.3m
cloth: 50% gathered, black wool

Borders: x 6 height 1.76m
width 12m
cloth; flat, black wool

GLEN STREET THEATRE

Tabs: 1 pair height 6m
width 7m
cloth; 50% gathered, black velour

1 pair height 6m
width 7m
cloth; flat, black velour

Cyclorama: height 6m
width 12.6m
cloth; white cotton

Scrim: height 5m
width 12m
cloth; black sharks tooth

STAGE MISC.

Tarket: 6 rolls x 4 Length 11.73m
Width 1.6m

x 2 Length 10m
Width 1.6m

STAGE MANAGER'S SYSTEM

Paging to Dressing rooms and Control Room from prompt corner.

Jands Talk Back system, wired to various positions.

Theatre Program to Dressing Rooms.

Talk Back 1 x Jands Ezcom E-401 4 Intercom.
6 x Jands Belt pack Talk Back modules.
7 x Headsets.

Stage Monitor System 5 Monitors
Sends to Foyer, Dressing Room 1 and 2, OP, Prompt, Crown Room

WORKSHOP FACILITIES

A Tallescope, 1 x 1m fiberglass ladder, 1 x 2m fiberglass ladder, 1 x 4m fiberglass ladder and a range of small hand tools are available.

LIGHTING EQUIPMENT

Brand	Type	Description	Wattage	Qty	Angle
ETC	Source 4	Profile	750 watt	32	36
ETC	Source 4 Zoom	Profile	750watt	24	15/30
ETC	Source 4 jr	Profile	575 watt	40	25/50
Selecon	Rama 1200	7" Fresnel	1200 watt	30	
Selecon	SF 1200	7" Fresnel	1200 watt	16	
Selecon	PC 1200	7" PC	1200 watt	2	
Aurora	Cyc 4	Cyc Flood	1250 watt	5 x 4 cell	
Aurora	Cyc 4	Ground row	1250 watt	5 x 4 cell	
Robert Juliat	Manon	F/spot	1200 watt MSR	2	

Lighting Control: ETC GIO 2k with 10 way fader wing
Full moving light and scroller control.

GLEN STREET THEATRE

ETC ION 2k 2048 Outputs 10,000 channels

Full moving light and scroller control.

Stage Rigger:	Located in Control Room 1 x ETC Net 3 Radio focus remote.
DMX, CAT6 and Coax Points:	Control Room, Orchestra Bridge, FOH Bridge, Prompt Gallery, Prompt Corner. O.P. Corner, U.S.O.P.Orchestra Pit Dressing Rooms , Crown Room, Foyer
DMX Splitter:	Located in Dimmer Corner 1 x Jands DD - 8 way 512 Splitter 1 x Light Craft ICA-M26 DMX manager.
Dimmers:	Located in Prompt Corner 5 x 12 x 2.4kw HP12 Digital Dimmer Racks 4 x 12 x 2.4kw HPX 12 Digital Dimmer Racks 4 x 12 x 2.4kw Jands WMA Digital Dimmer Racks 2 X 12 X 2.4 kw Jands HPC 12 Digital Dimmer Racks
Power distro	1x Jands JND-PDS12R
Power Outlets:	Located in Prompt Corner: 1 x 32amp 3 phase outlets 14 x 40amp 3 phase outlets Located USPS 1X 40 amp 3 phase outlet.
Stage Effects:	1 x MDG ATMe Hazer including C02 bottles.

LIGHTING BARS

Front of House Bridge:	Throw to setting line	10.3m
	Length	12.5m
	Patch outlets	22 x 10amp
	Angle to setting line	35 deg
Orchestra Bridge:	Throw to setting line	6.75m
	Length	14.6m
	Patch outlets	24 x 10amp
	Angle to setting line	60 deg
P and OP Perches:	Throw to setting line	7.9m
	Length	3.6m
	Patch outlets	6 x 10amp either side
	Angle to setting line	58 deg
Stage:	There are 5 x 12 meter wired lighting bars which feed to the main patch bay via a wieland patch on the P.S. gallery. Each bar is fitted with a 5 pin DMX outlet and 3 pin XLR connector.	

GLEN STREET THEATRE

Bar 1	24 x 10amp
Bar 2	24 x 10amp
Bar 3	24 x 10amp
Bar 4	24 x 10amp
Bar 5	24 x 10amp

Patch Panels: Located in Prompt Corner.

Patch Outlets:	Hard wired Locations	Qty	Outlet No.s
	OP Perch	6	53 - 58
	P Perch	6	47 - 52
	FOH Bridge	22	1 - 22
	PS Fly Gallery	10	59 - 68
	Orchestra Bridge	24	23 - 46
	Stage Lighting Bars/Looms		<i>ps - op</i>
	Stage Bar 1	24	1-24
	Stage Bar 2	24	25-48
	Stage Bar 3	24	49-72
	Stage Bar 4	24	73-96
	Stage Bar 5	24	97-120

Accessories: 1 x 20 Metre 6 way loom

Assorted power extension leads, Weiland Looms, boom arms, scaffolding clamps, hemp ropes, adjustable table lamps, sandbags.

Piano : 1 x Yamaha C5 baby grand piano, located in Sorlies Restaurant.

AUDIO EQUIPMENT

Main Desk: Yamaha CL-1 digital desk.

Sub-mixers: Yamaha LS9 – 32 digital desk.
Yamaha LS9 – 16 digital desk.

Audio interface: 2 x SWP1 – 8.
2 x SWP1 – 16 MMF network switches.

1 x RIO 1608.D 16 inputs, 8 outputs rack.
2 x Ri8 – D dante rack
2 x Ro8 – D dante rack

Amplifiers: 1 x Yamaha P3200S
1 x EW EL 2000

EQ's 2 x Klark teknik Square one graphic
1 x Yamaha Q2031 twin 31 band equalisers

Processor 1 x Meyer Galileo Galaxy 816
1 x XTA DP-424

GLEN STREET THEATRE

FOH Speakers:	8 x Meyer UPJ-1P compact VariQ speaker 3 x Meyer UPM-1P ultra compact wide coverage speaker 2 x Meyer USW-1P compact sub woofer 8 x Meyer MM4 compact loud speaker
Portable/Monitor:	2 x Quest QSA400 15" 4 x Quest QSA300 12"
Microphones:	7 x Shure SM58 5 x SM57 2 x Rode Condensers 4 x Shure SLX Radio – Handheld Beta 58 4 x Sennheiser e 945 Hand held radio 4 x Sennheiser HSP 2 headsets 4 x Sennheiser SK 500 Belt packs
Mic Stands:	7 x tri-legged with boom mic stands 5 x solid - round based mic stands 3 x instrument mic stands
Leads:	1 x 12 way multicore 2 x 5m, 20 way multicore Misc mic leads, patchleads, sex changers etc
Playback Units:	Australian Monitor MYM – DCD, Dual CD player, SD player and USB player. 2 x Denon CD Players – DN - C635 1 x Denon CD Players - DN650F
DI's	2 x Passive Stage Master CB-1 2 x BSS AR - 133
Patching:	Via XLR connectors and RJ45 in Control Room and Projection Room. Roland 32 Ch digisnake multicore with 4 x Cat5 runs.
Control Points:	Normal control position is the Control Room but the desks may be run in Prompt Corner or auditorium (seats must be removed from seating plan in this instance).

AUDIO VISUAL

Projectors:	Panasonic PT – EX 600E 6000lumms data projector.
Control:	1 x Mac Pro 3.7Ghz, Quad Core Intel Zeon F5 processor. 12 GB ram, AMD Fire Pro D300. Qlab 4.0 video + sound licenses. Denon DN 500BD Bluray.

CAPTIONING SYSTEM

Screens:	2 x 50 inch NEC Plasma screen 50xM5W
Control:	1 x VP-725DS 18 input Kramer scaler switcher 1 x 27 inch NEC NLT-27XT1 LCD TV (For cue monitor in boardroom.)

GLEN STREET THEATRE

4 x 1 Mechanical switcher

Control Points: Boardroom.

LOW VOLTAGE DISTRIBUTION

Foyers

2 Audio, 2 Comms, 2 RJ 45, 4 Video

Crown Room

4 Audio, 2 speaker, 2 Comms, 2 RJ 45, 2 DMX, 1 Video

Dressing room 1

2 audio, 2 Comms, 2 RJ 45, 1 Video, 1 DMX

Dressing room 2

2 audio, 2 Comms, 2 RJ 45, 1 Video, 1 DMX

Bridge 1

4 audio, 2 Comms, 2 Speakers, 4 DMX, 4 RJ 45, 1 Video

Bridge 2

4 audio, 2 Comms, 2 Speakers, 4 DMX, 4 RJ 45, 1 Video

Prompt Corner

16 audio, 4 Comms, 4 Speakers, 4 DMX, 4 RJ 45, 1 Video

OP Corner

16 audio, 4 Comms, 4 Speakers, 4 DMX, 4 RJ 45, 1 Video

Upstage OP

4 audio, 2 Comms, 2 Speakers, 4 DMX, 4 RJ 45, 1 Video

Orchestra Pit

4 audio, 2 Comms, 2 Speakers, 4 DMX, 4 RJ 45, 1 Video

Bio Box

Audio & Comms distribution to all patch locations: 42 x female 3 pin XLR, 58 x male 3 pin XLR

Cat 6 distribution to all patch locations 32 x RJ45

DMX distribution to all patch locations 28 x 5 pin male XLR

Projection Room:

Video Distribution to all patch locations 13 x BNC

GLEN STREET THEATRE

HANGING PLOT

<i>LINE#</i>	<i>FROM SETTING LINE</i>	<i>USE</i>
1	600	House Curtain
2	745	
3	890	
4	1040	
5	1190	
6	1340	
7	1490	
8	1640	
9	1790	
10	1940	
11	2090	
12	2240	
13	2560	
14	2700	
15	2860	
16	3000	
17	3160	
18	3300	
19	3405	
20	3700	
21	3705	
22	3900	
23	4005	
24	4200	
25	4305	
26	4500	
27	4805	
28	5000	
29	5105	
30	5210	
31	5405	
32	5510	
33	5605	
34	5710	
35	5805	
36	5910	
37	6105	
38	6210	
39	6405	
40	6600	Cyclorama

1 x 6m Pan Masking Bar operated manually by hand winch located on Prompt side.

AUDITORIUM LIGHTING

Run through the NET 3 ACN Gateway DMX on Channel 512.

GLEN STREET THEATRE

NOISE LEVELS

Noise levels within the auditorium should not exceed 100dB per half hour per day (National Health and Medical Research Council of Australia).

CONTACT PHONE NUMBERS

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