

THE EMPIRE

MAIN AUDITORIUM

Toowoomba

TECHNICAL SPECIFICATIONS

Updated
July 2025

VENUE

Ticketing: 1300 655 299
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Website: www.empiretheatre.com.au

OPERATIONS & TECHNICAL SERVICES MANAGER

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PRODUCTION SERVICES COORDINATOR

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*Additional contacts on page 20

STAGE

BRIEF STAGE DESCRIPTION

Unraked stage with a proscenium arch and flying facilities. Hardwood floor covered with Masonite sheets. Screwing into surface permitted but larger holes to be authorised by Technical Manager. Stage crossover behind US fly line.

Stage distributed load limit	750kg.m ² (7.5kPa)
Stage point load limit	1000kg (10kN)
Stage rake	No

STAGE DIMENSIONS

Proscenium

Width	13 m
Height on centre	8.4 m

Setting Line - Directly behind House Curtain

Distance From (SL = Setting Line, CL = Centre Line)

SL to DS edge of apron	1915mm
SL to DS edge of Orchestra Lift/Pit	5185mm
SL to first fly line	75mm
SL to last upstage fly line	12115mm
SL to rear wall	17250mm
CL to OP wall (or obstruction)	12462mm
CL to PS wall (or obstruction)	17728mm
Stage to underside of grid	19200mm

Overhead obstructions	None
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AUDITORIUM

Auditorium consists of stalls and 1 balcony.

Seating capacity <u>with</u> additional Orchestra lift/pit seating installed	1561
Seating capacity <u>without</u> Orchestra lift/pit seating installed	1522

ORCHESTRA LIFT / PIT

Orchestra Pit - Motorized orchestra lift

Set positions for orchestra lift where lift at auditorium level is 0mm

Stage level at	1100mm above auditorium.
Orchestra pit level at	1400mm below auditorium.
Lift can be set at any height	YES
Orchestra lift distributed load	750kg.m ² (7.5kPa)
Point load	1000kg (10kN)
Dimensions of the orchestra pit	10.3m*3.4m.
Orchestra pit maximum capacity	30 people
Approx area	30 square metres
Note	Front edge of pit is curved.

FLYING FACILITIES

Fly System Single purchase counterweight handline system.

Fly System Details

Operating Position	OP stage level
Total number of Lines	80 lines
Panorama Lines	6 lines (3 lines OP, 3 lines Prompt) Operation lines are 72,73,75,76,78,80.
Batten Drift	19 m
Batten Type	48mm OD pipe
Batten Length	16.4m
Batten Extensions	0.8m use two to extend each end to a total batten length of 18m 8 units available.
Leg Battens	7 x 18m 75x50 RHS
Batten Pick-ups	6 (1.6m either side of centre 3.2 m intervals)
Batten Point Load	120kg – “Strongback” RHS battens available to reduce deflection as required.
Batten W.L.L.	350kg
Cradle Capacity	350kg <i>Refer Tech Manager for extra weight capacities.</i>
LX bars can be swung	Yes
Fly bars can be swung	Yes

*RIGGING POINTS TO TOP STEEL AVAILABLE IN SPECIFIED LOCATIONS – REFER TO TECHNICAL DRAWING “EMPIRE THEATRE AUDITORIUM RIGGING POINT PLOT”
SEE HANGING PLOT ON PAGES 5 & 6 FOR LINE ALLOCATIONS AND FURTHER INFO*

RIGGING EQUIPMENT

(* in Totals indicate that units are at an additional cost)

Category	Model	Length	Rated Capacity	Total	Notes
Chain Motor	Prolyft Aetos	20m lift	500Kg	8*	Double Braked
Girder Clamp	N/A	N/A	3 Tonne	12	
Chain Block	N/A	9m lift/pull	500Kg	2	Floor stock
Shackles	N/A	N/A	0.5/0.75/1/ 3.25/4.75 Tonne		As required
Soft Slings	Spanset	1/2/3m	2 Tonne		As required
Metal Eye Slings	N/A	0.6m	500Kg		As required
FSWR Eye Dropper	N/A	2/5/6.5/8	128Kg SWL		As required
<i>Other equipment may be available onsite. Please contact the Technical Department for further info.</i>					

DRAPERY

TYPE	MATERIAL	COLOUR	WIDTH	HEIGHT	QUANTITY
House Curtain	Velour	Red	8m	9m	2
Borders	Wool	Black	16.5m	3.5m	7
Legs	Flat Wool	Black	4m	8.3m	7 pair + pleated set
Tabs	Wool	Black	8m	8.3m	3 pair
Cyclorama	Filled Cloth	White	16.5m	9m	2
Scrim	Sharks tooth	Black	16.5m	9m	1
Smother	Flat wool	Black	16.5m	9m	2
Star Cloth	Velour w/ RGB LED – DMX	Black	9m	3m	5

ACCESS EQUIPMENT

ELEVATED WORK PLATFORM

Dingli MVP100E vertical lift push around - Maximum reach is **10mtr.**

LADDERS

- 1 bailey A frame 1.8mtr (fibreglass)
- 1 bailey A frame 2.4mtr (fibreglass)
- 2 baileys A frame 3.6mtr (fibreglass)
- 1 bailey extension ladder 2.3-3.6mtr (fibreglass)
- 1 bailey extension ladder 5.1-9.1mtr

STAGING UNITS

- 60 units pro stage (2000*1000mm)
- Various leg lengths 200mm-1200mm

STAGE TRAPS

Perimeter of performance area

SAFETY CURTAIN

- Safety Curtain installed **YES**
- Must always be unobstructed **YES**
- Thickness of Fire Curtain **90 mm**
- Distance from setting line **400mm**

Note: Measurement is to the downstage edge of the Fire Curtain.

LOADING DOCK

Access

- Truck access via the rear car park of Julia Street
- Truck able to back up to loading dock doors
- Truck Wheels at stage level
- Loading dock has a goods lift
- Door Dimensions **4.4m High 2.7m Wide**

STAGING NOTES

All flown items must be rigged with rated equipment.

Limited rigging gear available from the venue, refer to rigging equipment above.

HANGING PLOT

LINE	DISTANCE (mm) FROM PROSCENIUM REAR FACE	THE EMPIRE	DISTANCE (mm) FROM HOUSE CURTAIN	DISTANCE (mm) FROM STAGE EDGE	SHOW UNITS
	-1280	DOWNSTAGE EDGE	-1840	0	
FC	150	FIRE CURTAIN (Rear Edge)	-410	1430	
VAL	355	MOTORISED VALANCE	-205	1635	
HC	560	HOUSE CURTAIN	0	1840	
1	710	BORDER 1	150	1990	
2	860	LEGS 1	300	2140	
3	1010		450	2290	
4	1160	LIGHTING BAR 1	600	2440	
5	1310		750	2590	
6	1460		900	2740	
7	1610		1050	2890	
8	1760		1200	3040	
9	1910		1350	3190	
10	2060		1500	3340	
11	2210	BORDER 2	1650	3490	
12	2360	LEGS 2	1800	3640	
13	2510		1950	3790	
14	2660	LIGHTING BAR 2	2100	3940	
15	2810		2250	4090	
16	2960		2400	4240	
17	3110		2550	4390	
18	3260		2700	4540	
19	3410		2850	4690	
20	3560		3000	4840	
21	3710	BORDER 3	3150	4990	
22	3860	LEGS 3	3300	5140	
23	4010	STRONGBACK	3450	5290	
24	4340		3780	5620	
25	4490		3930	5770	
26	4640	LIGHTING BAR 3	4080	5920	
27	4790		4230	6070	
28	4940		4380	6220	
29	5090		4530	6370	
30	5240	BORDER 4	4680	6520	
31	5390	LEGS 4	4830	6670	
32	5540		4980	6820	
33	5690		5130	6970	
34	5840		5280	7120	
35	5990		5430	7270	
36	6140	LIGHTING BAR 4	5580	7420	
37	6290		5730	7570	
38	6440		5880	7720	
39	6580		6020	7860	

LINE	DISTANCE (mm) FROM PROSCENIUM REAR FACE	THE EMPIRE	DISTANCE (mm) FROM HOUSE CURTAIN	DISTANCE (mm) FROM STAGE EDGE	SHOW UNITS
40	6730	BLACK TABS (F/A)	6170	8010	
41	6880	BORDER 5	6320	8160	
42	7030	LEGS 5	6470	8310	
43	7180		6620	8460	
44	7330		6770	8610	
45	7480		6920	8760	
46	7630	LIGHTING BAR 5	7070	8910	
47	7780		7220	9060	
48	7940		7380	9220	
49	8080		7520	9360	
50	8230		7670	9510	
51	8380		7820	9660	
52	8530		7970	9810	
53	8680		8120	9960	
54	8825	BORDER 6	8265	10105	
55	8975	LEGS 6	8415	10255	
56	9310		8750	10590	
57	9460		8900	10740	
58	9610		9050	10890	
59	9760		9200	11040	
60	9910	LIGHTING BAR 6	9350	11190	
61	10060		9500	11340	
62	10210		9650	11490	
63	10360		9800	11640	
64	10510	BORDER 7	9950	11790	
65	10660	LEGS 7	10100	11940	
66	10810		10250	12090	
67	10960	LIGHTING BAR 7 CYC LX	10400	12240	
68	11110		10550	12390	
69	11260		10700	12540	
70	11410		10850	12690	
71	11560		11000	12840	
72		OP Sidelight Ladders	Panorama bar OP onstage		9350mm from C
73		PS Sidelight Ladders	Panorama bar Prompt		9350mm from C
74	12000		11440	13280	
75		OP Side Mask Border	Panorama bar OP centre		9720mm from C
76		PS Side Mask Border	Panorama bar Prompt centre		9720mm from C
77	12450	CYCLORAMA	11890	13730	
78		OP Side Mask Legs	Panorama bar OP offstage		9922mm from C
79	12750	BLACK TABS	12190	14030	
80		PS Side Mask Legs	Panorama bar Prompt		9922mm from C

LIGHTING POSITIONS

Stage LX Bars	Movable +/- 2000mm <i>See hanging plot above for standard LX Bar locations</i>
FOH Bridge #1	
Setting Line to lighting bar	16m
Usable bar width	6m per side
Notes	Bars start 750mm either side of centre.
FOH Bridge #2	
Setting Line to lighting bar	19m
Usable bar width	5.7m per side
Notes	Bars start 600mm either side of centre.
FOH Bridge #3	
Setting Line to lighting bar	21.5m
Usable bar width	3.6m per side
Notes	Bars start 3800mm either side of centre.
Balcony Bar	
Setting Line to lighting bar	18.5m
Usable bar width	22m
FOH Perches (PS & OP)	
Setting Line to FOH Perch	15.6m
<i>Distances are to the highest downstage point of boom or perch.</i>	
Maximum lanterns per perch	10

CONTROL

Lighting control	GrandMA3 Light with Processing Unit M.
Control parameters	20,480
Signal output	sACN & MA-Net3
Signal distribution	via distributed sACN/MA-Net3 nodes.
Remote riggers available onstage	Yes

*GrandMA3 Control System includes a GrandMA3 Processing Unit Medium, Network Nodes and multiple PC's operating in a networked environment for system redundancy.
Please contact the Head of Lighting to check current software versions.*

DIMMER RACKS

Total Dimmers	372 dimmer channels standard rig
Dimmer Locations (Distributed Dimming)	Gallery 2 PS & OP Basement PS & OP Bridge 2 FOH Juliet Balcony PS & OP
2.4Kw Dimmer Racks	28 x Jands HPC12 2 x Jands HP12
Total dimmers @ 2.4kw per dimmer	360
5Kw Dimmer Racks	2 x Jands HPD6
Total dimmers @ 5kw per dimmer	12

HOUSE LIGHTS

DMX control	Yes
Control positions	Control room, stage managers desk, stage, production desk, sound desk.

STAGE LUMINAIRES FOR MAIN AUDITORIUM

(refer to the Lighting Plan for Standard Rig)

PROFILE

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source4	10°		750	12
Selecon	SPX	14°		800	20
ETC	Source4 LED	19°	Source4 LED2 Tungsten HD	248	18
ETC	Source4 LED	26°	Source4 LED2 Tungsten HD	248	18
ETC	Source4	19°		750	64
ETC	Source4	26°		750	44
ETC	Source4	36°		575	6
Selecon	SPX	15°-35°		800	12
Selecon	SPX	25°-50°		800	24
Selecon	SPX	50°		800	20

FRESNEL

Make	Model	Detail / Accessories	Watt	Total
Selecon	Arena Fresnel	Barndoors to suit	2000	50

PC

Make	Model	Detail / Accessories	Watt	Total
Selecon	PC	Barndoors to suit	1200	24

LED UNIT

Make	Model	Angle	Detail / Accessories	Watt	Total
ACME	12FC		RGBW LED Par		10
TOURPRO	Rebel	8-40	RGBW Battery LED Par		12
Robert Juliat	Dalis 860 Cyc		LED Cyclorama Light		20

MOVING LIGHT (* in Totals indicate that units are at an additional cost)

Make	Model	Control Channel	Detail / Accessories	Watt	Total
Ayrton	Ghibli Profile	58	LED Profile with Shutters	900	6*
Clay Paky	Alpha Profile	41	Profile with Shutters	700	6*
Martin	Quantum Profile	27	LED profile	565	8*
Martin	TW1 – 80v	20	Tungsten Wash	1200	12
Clay Paky	ALedA	20	K20 Wash CC	660	16

FOLLOWSPOT

Make	Model	Angle	Detail / Accessories	Watt	Total
Robert Juliat	Victor	Long Throw	6 colour magazine	1800	2
Selecon	Performer	Long Throw	6 colour magazine	1200	2
Robert Juliat	Korrigan	Long Throw	6 colour magazine	1200	2

2 x Robert Juliat Victor Followspots are standard in the Main Auditorium.

ADDITIONAL LIGHTING (* in Totals indicate that units are at an additional cost)

Item	Make	Model	Detail / Accessories	Watt	Total
Lamp	ETC	Source 4 par	VNSP, NSP, MFL, WFL lenses available	750	24
Lamp	Martin	Atomic 3000	DMX controlled strobe	1500	2
Lamp		UV flood		400	4
Hazer	MDG	Atme	MDG Amte Atmos.		2*
Hazer	Unique	II	DMX controlled		2*
Hazer	MartinJEM	Ready 365	CO2 Hazer		1*
Smoke	Antari	M-12	DMX controlled		2*
Low Fog	DJ Power	H-SW3000	DMX controlled		2*
Mirror balls			36",24"		2
Boom stands			Various Heights		
Top Hats			To suit Source 4 / SPX		16
H stands					16
Telescopic stands					6
Boom Trolleys			Lamp Heights in mm (250/750/1250/1750)		10
antFX	NEXGEN	TX/RX	CRMX Wireless DMX		4
LumenDim4	Rc4 Wireless	M4	4 channel		1
LumenDim6	Rc4 Wireless	Dim6	6 channel high power		1

Additional equipment may be available, refer to Tech Manager.

PATCHING

Distributed dimming system. Patch is local to each area.

POWER

3 Phase Outlets

Basement	6 @ Prompt,	4 @ Opposite Prompt
Stage	1 @ Prompt,	1 @ Opposite Prompt
Gallery 2	16 @ Prompt,	6 @ Opposite Prompt
Grid	4 @ Prompt,	4 @ Opposite Prompt
Bridges	9 @ Centre	

Hardwire

200 Amp feed Upstage Prompt - PowerSafe 500. (VEAM & PowerLock compatible)

200 Amp feed Upstage Prompt Basement (Lugs Required.)

CABLING

240v Extension Cable

The theatre has a good stock of 240v leads & power boards of various lengths.

Power Multicore

4 way Wielands - various lengths

3 phase Extensions

Limited 3 Phase Extensions various lengths, (40 amp)

DMX UNIVERSE ALLOCATION

Universe 1: Front of House Lighting (*420 parameters standard*)

Universe 2: Conventional Lighting (*264 parameters standard*)

Universe 3: LX1/2/3 Moving Lights (*402 parameters standard*)

Universe 4: LX4/5/6 Moving Lights (*214 parameters standard*)

Universe 5: House Power Distribution Relays (*Not directly provided to touring operations*)

Other DMX and eDMX universes in use as required. House DMX Universes can be merged for touring operations as required with prior discussion with the Technical Department. Patch sheets for Standard Rig available [here](#).

STANDARD LIGHTING EQUIPMENT POSITIONS

Bridge 1

6 x ETC Source Four 10° HPL 750 watt ellipsoidal spotlights
6 x ETC Source Four 26° HPL 750 watt ellipsoidal spotlights
18 x ETC Source Four 26° LED Series 2 Tungsten HD spotlights

Bridge 2

6 x ETC Source Four 10° HPL 750 watt ellipsoidal spotlights
6 x ETC Source Four 19° HPL 750 watt ellipsoidal spotlights
18 x ETC Source Four 19° LED Series 2 Tungsten HD spotlights

Bridge 3

18 x Selecon SPX 14° 800 watt ellipsoidal spotlights

Perches

8 x ETC Source Four 19° HPL 575 watt spotlights rigged Prompt Side
8 x ETC Source Four 19° HPL 575 watt spotlights rigged O.P. Side
All fixtures on Perches fitted with top hats as standard.

Balcony Rail

4 x Selecon SPX 800 watt 15°-35° Profiles
2 x Selecon SPX 800 watt 14° Profiles
4 x Selecon 1200 watt PCs rigged as curtain warmers

Onstage Electrics Bars 1,2,4 & 5

4 x Martin TW1 Wash Lights (LX 1 & 2) **8 Total**
4 x Clay Paky AledA K20 CC Wash Lights (LX 4 & 5) **8 Total**
2 x Martin MAC Quantum Profiles (LX 2, 4) **4 Total**
8 x Selecon Arena 2000 watt Fresnels
4 x Selecon SPX 800 watt 25°-50° Zoomspots
2 x Selecon SPX 800 watt 15°-35° Zoomspots

Onstage Electrics Bar 3

4 x Clay Paky AledA K20 CC Wash Lights
4 x Martin MAC Quantum Profiles

Onstage Electrics Bar 6 - Spare

Sidelights

5 x flown ladders each side of stage, each with 1 x 26° and 3 x 19° Source Four 575 watt ellipsoidal spotlights

Cyc Electrics – Dalis 860 Cyc – no conventional units available.

Cyc units can be arranged in 10/9/8 unit top and bottom configuration depending on requirements.

10 x Robert Juliat Dalis 860 LED Cyc units (Top Cyc)
10 x Robert Juliat Dalis 860 LED Cyc units (Groundrow)

Cyclorama units controlled via sACN on venue lighting network. Units can be controlled via DMX merge and other alternative means. Please contact the Head of Lighting for further information.

AUDIO

CONTROL POSITIONS

House location	Dedicated position at the centre rear of stalls under balcony overhang
Auditorium	Centre of stalls – Clear of Balcony Overhang Seats O18-O25, P18-P25, Q18-Q25, R18-R25 Total seat allocation 40 Seats Total seat off sale (restricted view) 70 seats
Other	Refer Tech Manager

CONTROL & AMPLIFICATION

Primary Console	1 x Allen & Heath S7000 36 Fader Surface Inc DM0 DSP (no UltraFX) with Dante & GigaAce Cards Waves Card installed for recording only
Additional Console	(check with Technical Department for availability) 1 x Allen & Heath C3500 24 Fader Surface Inc DM0 DSP (no UltraFX) with GigaAce Card
I/O Boxes	8 x DX168 (16in, 8out) Stage Drop Box 2 x DX164 (16in, 4out) 1xPrompt & 1xOP
EQ	Onboard Console
FX	Onboard Console
Dynamics	Onboard Console

Please contact the Head of Audio to check current software versions.

SPEAKERS

FOH Speakers

Complete d&b audio Ti series Line Array system with Array Processing
16 x Ti-10 (8 per side)
4 x Ti-Subs (2 per side in the main hang)
4 x B4 cardioid subs (2 per side in Juliet)
3 x EO Front Fill
2 x Ci80 Mix Delay
d&b 30D & D12 amplifiers

Foldback

6 sends available as standard + 2 Flown Side Fill
8 x d&b M6 Passive 12" Monitors
2 x d&b E12D Passive 12" Flown Side Fill
d&b D12 & D6 amplifiers
16 x Allen & Heath ME-1 Personal Monitor Stations
(Headphones or IEM not provided)

PLAYBACK

Make	Model	Detail	Total
QLAB	QLAB 5	QLAB playback Laptop	5
Denon	DN-C615	CD Player	2

DI

Make	Model	Detail	Total
Klark Teknik	DN100	Single Channel Active DI	3
ARX	DI-1	Single Channel Active DI	4
ARX	DI-2	Stereo Channel Active DI	2
Pro-Co	IT-1	Isolation Transformer Passive	4
Radial	JD1	Passive DI	6
Radial	Pro D2	Stereo Passive DI	2
Radial	USB-Pro	USB Audio Interface	4

MICROPHONE

Make	Model	Detail	Total
AKG	SE 300B	Hyper-cardioid Condenser	7
AKG	414 BXLS	Large Diaphragm Condenser	2
Beyer	Opus 88	Clip-on Drum Mic Condenser	3
Countryman	A3-C18	Lectern Microphone	2
DPA	IMK-4061	Lapel Mic & Preamp (hard-wire)	2
Rode	NT5	Small Condenser	4
Rode	NT4	Stereo Mic	2
Rode	NT3	Hyper-cardioid Condenser	7
Rode	NT2a	Large Diaphragm	2
Rode	NTK	Large Diaphragm Valve	1
Sennheiser	MD421	Dynamic Instrument	2
Sennheiser	e602-II	Kick Drum	1
Sennheiser	e604	Clip-on Drum Mic	3
Sennheiser	e614	Small Condenser	2
Sennheiser	e906	Dynamic Instrument	2
Shure	SM58	Dynamic Vocal	7
Shure	Beta 58a	Dynamic Vocal	8
Shure	SM57	Dynamic Instrument	6
Shure	Beta 57a	Dynamic Instrument	2
Shure	Beta 87a	Condenser Vocal	4
Shure	Beta 52	Kick Drum	1
Shure	Beta91	Plate Mic	1
Shure	SM11	Dynamic Clip-on	4
Shure	184	Lectern Microphone	2
Shure	MX202 - 185	Overhead Choir Mic	10

RADIO MICROPHONE

(Radio Microphones incur additional cost per channel)

Make	Model	Detail	Total
Shure	ULXD	Quad Receiver	9
Shure	ULXD1	Body Pack Tx with Li-on battery	36
Shure	ULXD2	Hand-Held Tx with Li-on battery	12
Shure	B87	Beta87a Head	12
Shure	KSM8	KSM8 DualDyn Head (Black)	2
Shure	KSM9	KSM9 Condenser Head (Black)	2
Shure	MX150B/C	Lapel	2
Sennheiser	HM200	Headset	6
Sennheiser	SL1	Headset	18
Sennheiser	MKE-2	Black & Flesh Lapel	40
Sennheiser	MKE-1	Black & Flesh Lapel	8
Sennheiser	HSP Essential	Headset	12
Sennheiser	HSP2	Headset	24
DPA	D:Fine	Headset	10

ACCESSORIES

Item	Model	Detail / Accessories	Total
Mic Stand	K&M	Tall Boom Mic Stand	16+
Mic Stand	K&M	Short Boom Mic Stand	9+
Mic Stand	K&M	Round Base Straight Stand	8+
Mic Stand	K&M	Various	12+
iPad Holder	K&M	Holder for iPad	8
Drum Clamp	LP	Claw Drum Clamp	4

LINE PATCHING

CAT5 Ethercon patch PS & OP for digital stage boxes

SPEAKER PATCHING

Foldback system from amp room to PS, OP and Trap positions on stage

CABLING

Audio Cable

The theatre has a good supply of cable to accommodate the venue's equipment.

POWER

Green Power System

Technical Earth System to service all installed audio equipment
40Amp 3 phase for touring use located Downstage Prompt

Additional equipment may be available, refer Tech Manager.

AUDIO VISUAL

PROJECTORS

(* in Totals indicate that units are at an additional cost)

Make	Model	Detail / Accessories	Total
Epson	EB-PU2216B	16000 ANSI 1920x1200 WUXGA res.	1*
Epson	EB-L1755UNL	15000 ANSI 1920x1200 WUXGA res.	1*

Projection Room

None

Lenses available to suit our venue throws and screen surfaces.

SCREENS

Sizes 16` x 12` / 12` x 9` / 8` x 6` Front & Rear projection surfaces available
23` x 13` & 26` x 14` Front projection surface only

AV EQUIPMENT

Make	Model	Detail	Total
AV Stumpfl	Pixera	Media Server (4 output player license + director)	1
BlackMagic	ATEM 2 M/E	ATEM 2 M/E Constellation HD Production Switcher	1
BlackMagic	Mini Convertors	Selection of SDI, HDMI, Analogue Types	
vMix	vMix PC	PC Based Production Switcher/Playback	1
Kramer	VP-7244DS	Switcher Scaler	1
Birddog	P200	PTZ Cameras	5
NOTE: Contact the Technical Department for your individual AV requirements.			

PROJECTOR RIGGING POINTS

Projectors have mounting assemblies and can be rigged from any horizontal bar.

CABLING

The theatre has a good stock of SDI and HDMI cable to accommodate the venue's equipment.

STREAMING SERVICES

The theatre has the infrastructure to provide live streaming services of varying levels of delivery. As this is a quickly evolving service it is best to discuss your streaming requirements directly with the technical department.

BACKSTAGE COMMUNICATIONS

Stage Managers Desk

Stage managers console is located PS DS wing; it can be moved to OP side. It has a light, clock, talkback master, Stage & Conductor view monitors and has stage & house lighting controls.

Talkback

Power Supply	Clear-Com PS-704 power supply
Main Units	4 x RM-704 4ch Main Units available, located: 1 for SM Console 1 for LX operator 1 for Sound Operator 1 for Production Desk
Radio Comms	20 x Riedel Bolero Wireless intercoms with headsets.

NOTE: The venue wired stations are integrated with the Bolero Wireless system and the four channels (SHOW, AUDIO, LIGHTING, DOMES) are tied into the associated party lines on the wireless beltacks.

Wired talkback patching located at various positions throughout the venue.

Paging / Show relay

Paging to the dressing rooms is available from the stage managers desk. Show relay is distributed to all dressing rooms, green room & the rehearsal room.

Stage Monitor

TV's set-up in the green room, foyer, SM position for stage view camera. Camera located centre of the Balcony Bar. Conductors Camera is located on the pit edge and there are 3 monitors on the balcony rail, monitors PS & OP side stage and SM console.

Infrared camera of stage view to SM console.

Q Light System

- 1 X Leon Audio QLM8 MK3 8Ch Que Light System
- 2 x Standard QLS Outstation (can be located any position required)
- 2 x Mini QLS-SM Outstation (Standard Locations are Sound OP and Conductor)

DRESSING ROOMS

Dressing Room	Capacity	Toilets	Shower	Details
1	5	2	2	
2	6	2	2	
3	2	1	1	
4	2	1	1	
5	5	1	1	
6	20	2 + urinals	4	Male chorus
7	20	3	2	Female chorus

LAUNDRY/WARDROBE (shared with all venues on site)

Washing Machines	2 (28min Normal Wash Time)
Dryers	2 (45min Normal Dry Time)
Drying cupboard	1
Iron / ironing board	2
Clothes racks	6
Steamer	1

PRODUCTION FACILITIES

Production Desk	Production desk set-up in the centre of the stalls. Table accommodates 2 persons plus a lighting operator with dimmable lighting, DMX for the lighting desk, talkback, and house light control.
Production Office	Located next to Prompt side stage access door.
Phone	Yes, advise Tech Manager if required.
Internet access	Yes, advise Tech Manager if required.

GREENROOM (shared with all venues on site)

Tea / Coffee facilities	Yes
Fridge / freezer	Yes
Microwave	Yes
Running water	Yes

STAGE DOOR

Stage Door is located at the rear of the building. Access via Julia Street
Access during bump-in / out will be controlled by the Venue Supervisor. During performance periods a staff member will be allocated to control access 90 minutes before a performance to 60mins after the completion of the show.

ADDITIONAL FACILITIES & INFORMATION

These items are available depending on availability:

ORCHESTRAL (shared with all venues on site)

Yamaha C7 concert grand piano (tuning by prior arrangement)
Yamaha CF III concert grand piano (tuning by prior arrangement)
Yamaha upright piano (tuning by prior arrangement)
Roland RD-700 electric piano
Roland RD-88 electric piano
Kurzweil PC3A8 electric keyboard
PDP EX series 5 piece drum kit
Roland SPD-SX Sampling Pad
2 x Conductors podium
1 x Conductors music stand
40 x music stands & scone lights
40 x orchestral chairs

REHEARSAL SPACE

Rehearsal Room #1, 12.5m x 15m, sprung floor, bookings required for use. Operable wall opens to this space at the rear of stage.

SENIOR STAFF CONTACTS

Operations & Technical

Services Manager

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VENUE PLANS

Venue Plans available online [here](#)

Precinct Virtual Tour [here](#)

Venue 3D Scans [here](#)

Site view on the next page.

VENUE:

Venue Address 56 Neil Street Toowoomba Qld 4350

Venue Postal Address PO Box 1227 Toowoomba Qld 4350

