

BURDEKIN THEATRE

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Technical Specifications

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Technical Office:

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Venue:

Phone number: 07 47 839 880

Website: www.burdekintheatre.com.au

STAGE

Brief Stage Description:

Proscenium arch stage with flying facilities. Concrete floor covered with black painted chipboard sheeting. Screwing permitted into surface.

Stage distributed load limit **Unknown**

Stage point load limit **Unknown**

Stage rake **No rake**

Stage Dimensions:

Proscenium

Width **11.4 metres**

Height **5 metres**

Setting Line

Located immediately behind rear of proscenium arch

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

SL to DS edge of apron **1200 mm**

SL to DS edge of Orchestra Lift/Pit **3000 mm**

SL to first fly line **210 mm**

SL to last upstage fly line **8790 mm**

SL to rear wall **9000 mm**

CL to OP wall (or obstruction) **11000 mm**

CL to PS wall (or obstruction) **11000 mm**

Stage to underside of grid **12000 mm**

Overhead obstructions

No overhead obstructions for grid rig

Auditorium:

Fixed raked seating

Seating capacity with additional
Orchestra lift/pit seating installed **473**

Seating capacity without
Orchestra lift/pit seating installed **455**

Orchestra Lift / Pit:

The orchestra pit is a motorised lift. Unit is **very slow to move**.

Set positions for orchestra lift where lift at auditorium level is 0m Stage level at **1.0 m** above auditorium.

Orchestra pit level at **variable up to 2.5 m** below auditorium.

Lift can be set at any height **Yes**

SWL of orchestra lift **Lift not rated**

Dimensions of the orchestra pit **9.9 metres wide x 3.3 metres**
(measurements taken with pit lowered)

Orchestra pit maximum capacity **Max 10 persons**

Flying Facilities:

Fly System

Single purchase counterweight system operated from prompt side stage level

Fly System Details

Operating Position	Prompt at stage level
Total number of Lines	30
Panorama Lines	N/A
Batten Drift	10 metres
Batten Type	52 mm O/d pipe
Batten Length	12 metres
Batten Extensions	<u>limited number</u> to extend batten to 14 metres
Batten Pick-ups	5 line pick ups 1 at Centre then others at 3.24 m intervals
Batten Point Load	144 kg direct under pick up line
Batten W.L.L.	280 kg evenly distributed along batten length
Cradle Capacity	280 kg total incl batten weight
LX bars can be swung	yes
Fly bars can be swung	Yes

SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO

Hanging Plot:

SL: Setting Line as indicated previously

Line Type: **SP** = Single purchase, **DP** = Double purchase, **MW** = Motor Winch, **HW** = Hand Winch, **HL** = Handline

W.L.L.: Maximum distributed load including bar weight

Line #	Distance from SL	Line Type	W.L.L	Venue Allocation	Intended Use (hiring company use)
	1800 mm			Stage Apron	
	Setting Line				
1	210 mm	SP	280kg		
2	450 mm	SP	280kg	House Tabs	
N/a					Not installed
4	730 mm	SP	280kg	Legs 1	
5	1070 mm	SP	280kg	Electrics 1	
6	1480 mm	SP	280kg		
N/a					Not installed
8	1740 mm	SP	280kg		
9	1970 mm	SP	280kg		
10	2180 mm	SP	280kg	Border	
11	2380 mm	SP	280kg	Legs 2	
12	2600 mm	SP	280kg	Electrics 2	
N/a					Not installed
14	3200 mm	SP	280kg		
15	3420 mm	SP	280kg		
16	3610 mm	SP	280kg		
17	3840 mm	SP	280kg		
18	4050 mm	SP	280kg	Border	
19	4270 mm	SP	280kg	Legs 3	
N/a					Not installed
21	4710 mm	SP	280kg	Electrics 3	
N/a					Not installed
23	5110 mm	SP	280kg		
24	5350 mm	SP	280kg	Black Tabs	
25	5580 mm	SP	280kg		
26	5790 mm	SP	280kg	Legs 4	
27	5990 mm	SP	280kg	Electrics 4	
N/a					Not installed
29	6570 mm	SP	280kg	Border	
N/a					Not installed
31	6980 mm	SP	280kg	Flood Bar Cyc Lx	
N/a					Not installed
33	7390 mm	SP	280kg		
34	7580 mm	SP	280kg	Legs 5	
35	7820 mm	SP	280kg		
N/a					Not installed
37	8250 mm	SP	280kg		
38	8560 mm	SP	280kg	Black Smother	
39	8790 mm	SP	280kg	White Cyclorama	

Drapery:

*Type	Material	Colour	Width	Height	Quantity
House Curtain	Wool	Red	14	6.5	1
Short Border	Wool	Black	14	1.5	1
Legs	Wool	Black	2	6.5	5
Tabs / Smother	Wool	Black	14	6.5	2
Cyclorama	Sharks tooth	White	14	6.5	1
Scrim	Sharks Tooth	White	14	6.5	1
Long Border	Wool	Black	14	3	2

Access Equipment:

Elevated Work Platform

Aluminium tallescope
 Closed is 4.3 metres extended is 7.6 metres

EWP Restrictions

Outriggers to be used with at least one staff member at base while in use

Ladders

1 x aluminium extension ladder 3.5 metres closed 6.45 metres extended
 1 x aluminium stepladder 2 metres 1
 x aluminium stepladder 3 metres

Staging Units:

25 x porta stage rostra units 1mtr x 2 mtr x (300mm, 600mm or 900mm)
 Legs available for 23 units at 300mm, 18 at 600mm and 13 at 900mm

Stage Traps:

N/a

Loading Dock:

Access

Truck access direct from street. Truck able to reverse up to loading dock
 Equipment transfer direct from loading dock to stage wings Loading

Dock Height **1 metre from street level**

Door Dimensions **3.5 metres High**
 2.9 metres Wide

Restrictions / Obstructions

Trucks must not extend past the parking bays into the street if left in position during performances.

Maximum length of truck not to exceed 10.5 metres or 34.5feet.

If truck **exceeds this length the venue must be notified in advance** in order to coordinate street closures for the period the truck is located at the loading dock for loading and unloading.

Additional Rigging Notes

Venue has **no additional rated rigging points** available at present.

Staging Notes:

All flown items must be rigged with rated equipment and is subject to approval by venue technical supervisor.

Access to FOH Bar is from PS of stage only.

Very **limited rigging gear** is available in house.

LIGHTING

Positions:

Stage LX Bars

Lx bars may be swung up to 1000 mm from their standard positions.

See hanging plot for standard LX bar locations

FOH Bridge #1

Setting Line to lighting bar **8.2 metres 55-degree angle**

Usable bar width **10 metres**

Notes Decorative panels limit rigging positions. Bar is very close to downstage edge

FOH Perches (PS & OP)

Setting Line to FOH Perch **10.7 metres 40-degree angle**

Distances are to the highest downstage point of boom or perch.

Maximum lanterns per perch **6 Fixtures only**

Notes Perches provide difficult shots, as the location is very wide due to auditorium width. Useful only for downstage washes as per standard

Control:

Lighting desk **Jands Vista PC, S1 or M1 Wing board, PC to suit. Express 250, LSC Maxim XXLP.**

Control channels **Vista PC – 512, Express 250**

Signal output **Dmx 512**

Signal distribution **Single only stream of dmx to dimmer room and various points on prompt side stage and prompt gallery distributed via LSC DMXchange**

There is also a passive line from rear of auditorium to dimmer room for a second universe if required.

Remote riggers available onstage **Yes – Wired Version for Express 250**

Dimmer Racks:

Total Dimmers 108

Dimmer Locations Dimmer room located prompt side upstairs LSC Tour Dimmers located on upstairs prompt fly gallery

2.4w Dimmer Racks 36 Channels LSC Tour Racks in roo bars 72 Channels LSC EKO

Total dimmers @ 2.4kw/2 kw per dimmer 108

House Lights:

Independent control **Yes**

Control positions **Stalls control position and on stage managers console House Lights also available with DMX Control**

Fade time adjustable **No – very slow (Fade time adjustable when in DMX Control)**

Stage Luminare:

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source 4 Jnr	25 50	Wide Angle	575	12
ETC	Source 4	15 30	Medium angle	700	4
Prolite		25 50	Wide Angle	1.2 kw	12
Prolite		15 30	Medium angle	1.2 w	9
Prolite		15 30	Medium angle	650 w	9

Fresnels

Make	Model	Detail / Accessories	Watt	Total
Selecon		12 Barn doors	1 kw	12
Selecon		12 Barn doors	1.2 kw	12

PC

Make	Model	Detail / Accessories	Watt	Total
Prolite		24 Barn doors	1.2 kw	30
Prolite		19 Barn doors	650 w	19

Par Cans

Make	Model	Angle	Detail / Accessories	Watt	Total
Kupo	Multi Par	Various	240 volt	575 w	8
Jands	Par 64	MFL	240 volt	1Kw	12
Jands	Par 64	MFL	110 volt	1Kw	22 pair
Jands	Rays		240 volt	500 w	16

Cyclorama Cells

Make	Model	Detail / Accessories	Watt	Total
Prolite	Single	Single cell units	1 kw	16
Prolite	Single	Single cell units	500W	6
Acme	CYC-200FC	LED Cyclorama 5 or 9 channel units		20

Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Pearl River	Solo 250 Profile	10		250	8
	Pilot 250 Wash	10		250	8

Followspots:

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Performer		Located in projection room	1.2Kw	2
			Colour changers available		

Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Molfay	Kupo		2 Way Blinder	2 x 650	2
Strobe	Geni	Dynamo	Dmx Controllable	300w	1

Patching:

Location	Quantity	Numbering	Detail / Accessories
FOH PERCH 1	2	N/a	Temp wiring required if used
FOH Perches	2	1- 12	6 Outlets only each side next to perches
FOH Bridge	24	24 - 1	Wired to LSC EKO DIMMERS ONLY
Lx 1	20	20 - 1	Wired to LSC EKO DIMMERS ONLY
LX 2	20	20 - 1	Wired to LSC EKO DIMMERS ONLY
LX 3	16	16 - 1	Wired to LSC dimmers 73 - 88
LX 4	12	12 – 1	Wired to LSC dimmers 89 - 100
CYC LX	16	8-1	Wired to LSC EKO DIMMERS ONLY

Power:

3 Phase Outlets

- 3 x **32 amp** located prompt side on loading gallery (**allocated to dimmers 84 to 108**)
- 2 x **32 amp** located prompt side upstage floor level
- 1 x **32 amp** located prompt side downstage floor level
- 1 x **32 amp** located in prompt side gallery dimmer room

Cabling:

240v Extension Cable

The venue has a **suitable amount** of extension leads to accommodate the venue standard lighting rig. Any additional equipment will require additional cable stock to be sourced.

Lighting Notes:

Limited patch points available at FOH perch positions

Downstage perches at FOH require power to be sourced from FOH catwalk outlets

Limited range of colour stock available

Limited range of gobos available

Plans of standard electrics rig available for email upon request

Some equipment from this inventory may be in use at other spaces within the venue at time of your hire.

Please provide a comprehensive electrics plot with all equipment required from this inventory to ensure availability on the day of hire.

AUDIO

Control Positions:

Auditorium

Rear rows O and P centre
(This position is shared with electrics operator)

Other

Audio and electrics may be patched into system at Stage Mangers console in Prompt side of stage if required.

Control & Amplification:

Primary Mixer

Allen and Heath iLive Digital Console, T112 Surface with IDR-48 and xDR-16 Extender

Secondary Mixer

Allen and Heath ML 4000 44 mono, 6 stereo, 12 aux sends, 8 VCA, LCR panning
Midas Venice 32 24 mono, 4 stereo, 4 groups, 6 aux sends

Amplifiers

2 x Australian Monitor 1200 Power Amp and 1 x Yamaha P3500 Installed for 6 Sends of Foldback.

Speakers:

Clair Bros Kit12 System including Sub and Infill. Set in an LCR Configuration.

Fold back

14 x (7 mirrored Pairs) Quest QM12MP 12 + Horn wedges.
10 x Behringer Powerplay Headphone Monitoring Units with 10 x Beyer DT770 Headphones.

Playback:

Item	Make	Model	Detail	Total
Computer Playback			Show Cue Systems	
Dual CD	Denon		Dual CD player	1
Minidisk player	Denon		Single Minidisk player	1

Microphones:

Make	Model	Detail / Accessories	Use	Total
Shure	Sm57	Microphone clips	Vocals and Instruments	6
Shure	SM 58	Microphone clips	Vocals	4
Shure	Beta 57	Microphone clips	Vocals and Instruments	2
Shure	Beta 58A	Microphone clips	Vocals	3
Beyer	Opus 51	N/A	Instruments	2
Beyer	M88	Microphone clips	Vocals and Instruments	4
EV	RE 510	Microphone clips	Vocals	4
AKG	C3000	Microphone clips	Instruments	1
AKG	C1000	Microphone clips	Instruments	2
AKG	C418	Microphone clips	Instruments	1
AKG	D112	Microphone clips	Instruments	1
Audio Technica	ATM 450	Microphone clips	Instruments	2
Sennheiser	E901	N/A	Kick Drum	1
Sennheiser	E902	N/A	Kick Drum	1
Sennheiser	E906	Microphone clips	Instrument	2

Accessories:

Item	Model	Detail / Accessories	Total
Microphone stands	K&M	Short with Telescopic Boom Black	2
Microphone stands	K&M	Short with Telescopic Boom Chrome	4
Microphone stands	K&M	With Telescopic Boom Black	5
Microphone stands	K&M	With Boom Chrome	6
Microphone stands	K&M	Straight with no boom / round base Black	3

Line Patching:

Location	Quantity	Numbering	Detail
Prompt side	12	P 1 - 12	12 sends
Opposite Prompt	12	OP 1 - 12	12 Sends
Prompt Side	12	1 - 12	12 Returns

Cabling:

Audio Cable

The venue has a small stock of various cables to suit equipment

Multicore

- 1 x 30 m 16sends 4 returns
- 1 x 40 m 16 sends 4 returns

AUDIO VISUAL

Projectors:

Type	Model	Detail / Accessories	Total
Epson	G7905U	7000 Lumen WUXGA	1
		Additional Hire Charge Applies for use	

Screens:

Projection Screen

Fast fold with drape kit and cases to suit
Screen dimensions 12' x 9'

BACKSTAGE

Communications:

Stage Managers Desk

Stage Managers console located in prompt corner with television monitor and phone
Console has limited movement

Talkback

Master Unit **Riedel Performer CR-4**
RTotal sub stations 14

Total headsets 14

Radio Units In-house **N/A**

Talkback patching located at: **FOH control room and follow spots**
Auditorium control area
OP floor level
Stage Managers Console
Prompt floor level
Rear of Stage

Paging / Show relay

Paging and show relay distributed to all dressing rooms.

Stage Monitor

TV monitor set on stage managers console only and over auditorium entry doors

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Rm # 1	15	2	No	Showers available in upstairs rooms
Dressing Rm # 2	15	2	No	Showers available in upstairs rooms
Group Dressing	30	1	2	Showers available in this area

Laundry / Wardrobe:

Washing Machines **1 x washing machine**
Dryers **1 x dryer**
Drying rooms **N/A**
Iron / ironing board **N/A**
Clothes racks

Production Facilities:

Production Desk

Removable basic production desk is available to be set up in centre over seating

Production Office

N/a

Phone

Available via admin office

Access to phone for internet access

N/A

Green Room

The venue has no dedicated Green Room but if you need similar facilities arrangements can be made prior to your arrival.

Stage Door:

Access

Stage door is located directly alongside downstage male dressing room with access to outside.

ADDITIONAL FACILITIES & INFORMATION

Orchestral:

Yamaha 9 foot black concert grand piano

Yamaha upright piano

10 Music stands with sconces

Rehearsal Space:

Additional rehearsal space may be obtained by prior arrangement with management

Music Loft space may be available with prior arrangement with management.

VENUE:

Venue Address **161 Queen Street Ayr 4807**
Venue Postal Address **P.O. Box 773 Ayr 4807**

Staff Contacts:

Technical Manager David Luscombe
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Phone Number 07 47 839 888

Stage

Phone Number 07 47 839 889

All venue Information including House Standard lighting rig, .dxf of the venue and any other relevant information is available for download at www.burdekintheatre.com.au

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Venue Information:

The Burdekin Theatre is part of the Burdekin Cultural Complex and is a proscenium arch theatre with a raked auditorium seating capacity of 473

The Complex houses two other indoor venues; The Music Loft, a flat floored venue with seating for up to 120 persons for conferences and functions and the Starlight Foyer, which has a capacity for 120 patrons, for cabaret style events.

The Complex is owned and operated by the Burdekin Shire Council.

The Complexes Technical Manager and Technician are an experienced crew who manage the production requirements for all events at the Complex; both are multi skilled in order to meet the requirements of the venue. Available, skilled casual production staff is very limited in the region and advance notice of crewing requirements is essential to ensure the requirements of touring productions can be achieved.

The Burdekin Theatre is a well equipped small regional venue.