

# BURDEKIN THEATRE

## *BURDEKIN THEATRE*

### **Technical Specifications**

**Technical Manager: David Luscombe**

Phone number: 07 47 839 888

Mobile Number: 0429 801 229

Email address: [david.luscombe@burdekin.qld.gov.au](mailto:david.luscombe@burdekin.qld.gov.au)

**Technical Office:**

Phone number: 07 47 839 888

Email address: [technical@burdekin.qld.gov.au](mailto:technical@burdekin.qld.gov.au)

**Venue:**

Phone number: 07 47 839 880

Website: [www.burdekintheatre.com.au](http://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	<b>Prompt at stage level</b>
Total number of Lines	<b>30</b>
Panorama Lines	<b>N/A</b>
Batten Drift	<b>10 metres</b>
Batten Type	<b>48 mm od pipe</b>
Batten Length	<b>15 metres</b>
Batten Pick-ups	<b>5 line pickups, 1 at Centre then others at 3.24 m intervals</b>
Batten Point Load	<b>144 kg direct under pick up line</b>
Batten W.L.L.	<b>280 kg evenly distributed along batten length</b>
Cradle Capacity	<b>280 kg total incl batten weight</b>
LX bars can be swung	<b>yes</b>
Fly bars can be swung	<b>Yes</b>

*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	
	<b>Setting Line</b>				
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	Border	
38	8560 mm	SP	280kg	White Cyclorama	
39	8790 mm	SP	280kg	Black Smother	

Drapery:

*Type	Material	Colour	Width	Height	Quantity
House Curtain	Wool	Red	14	6.5	1
Border	Wool	Black	14	3.0	5
Legs	Wool	Black	2	6.5	1 Pair
Legs	Wool	Black	3	6.5	4 Pair
Tabs / Smother	Wool	Black	14	6.5	2
Cyclorama	Canvas	White	15	6.1	1
Scrim	Sharks Tooth	White	14	6.5	1
Scrim	Sharks Tooth	Black	14	6.5	1

Access Equipment:

**Elevated Work Platform**

Genie GR-20 EWP

**EWP Restrictions**

EWP only to be used with a staff member present for emergency rescue

**Ladders**

1 x aluminium extension ladder 3.5 metres closed 6.45 metres extended

3 x aluminium stepladder – (3m, 5m & 8m)

Staging Units:

25 x porta stage rostra units 1metre x 2 metre 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.

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.

**If you require extra rigging points please ring Technical Manager to discuss options.**

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 **GrandMA3 Compact, MA3onPC with Command Wing**

Control channels **MA3 Compact – 8192 Parameters**

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 – Remote control over wifi available for MA3**

Dimmer Racks:

**Total Dimmers 96**

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

**72 Channels LSC EKO @3kW**

**24 Channels LSC Tour Racks @2.4kW**

Additional dimmers available upon request

House Lights:

Independent control **Yes**

Control positions **Stalls control position and on Stage Manager's 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 W	<b>12</b>
ETC	Source 4	15 30	Medium angle	700 W	<b>4</b>
Prolite		25 50	Wide Angle	1.2 kW	<b>12</b>
Prolite		15 30	Medium angle	1.2 W	<b>9</b>
Prolite		15 30	Medium angle	650 W	<b>11</b>

**Fresnels**

Make	Model	Detail / Accessories	Watt	Total
Selecon		12 Barn doors	1 kW	<b>12</b>
Selecon		12 Barn doors	1.2 kW	<b>12</b>

**PC**

Make	Model	Detail / Accessories	Watt	Total
Prolite		24 Barn doors	1.2 kW	<b>24</b>
Prolite		19 Barn doors	650 W	<b>19</b>

**Par Cans**

Make	Model	Angle	Detail / Accessories	Watt	Total
Kupo	Multi Par	Various	240 V	575 W	<b>8</b>
Jands	Par 64	MFL	240 V	1kW	<b>16</b>
Jands	Par 64	MFL	110 V	1kW	<b>20 pair</b>
Jands	Rays		240 V	500 W	<b>16</b>
WG	Zoom Par		LED Par64	300W	<b>16</b>

**Cyclorama Cells**

Make	Model	Detail / Accessories	Watt	Total
Prolite	Single	Single cell units	1 kW	<b>16</b>
Prolite	Single	Single cell units	500W	<b>6</b>
Acme	CYC-200FC	LED Cyclorama 5 or 9 channel units	300W	<b>20</b>

**Movers**

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Acme	Geist BSWF	34	<b>LED Hybrid Fixture</b>	450W	<b>16</b>

**Followspots:**

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Performer		Located in projection room	1.2kW	<b>2</b>
			Colour changers available		

**Additional Lighting:**

Item	Make	Model	Detail / Accessories	Watt	Total
Molfay	Kupo		<b>2 Way Blinder</b>	2x650W	<b>2</b>
Strobe	Geni	Dynamo	<b>Dmx Controllable</b>	300W	<b>1</b>

Patching:

Location	Quantity	Detail / Accessories
FOH Perches	2	4 Outlets only each side next to perches
FOH Bridge	24	Wired to Dimmer Room
Lx 1	20	Wired to Dimmer Room
LX 2	20	Wired to Dimmer Room
LX 3	20	Wired to Prompt Fly Gallery
LX 4	20	Wired to Prompt Fly Gallery
CYC LX	20	Wired to Prompt Fly Gallery

Power:

**3 Phase Outlets**

2 x **32 amp** located prompt side upstage floor level

1 x **32 amp** located prompt side downstage floor level

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**

1 x Allen and Heath dLive S5000 Surface  
1 x Allen and Heath dLive DM0 MixRack  
5 x Allen and Heath DX168 allowing for up to 80 analogue Inputs and 40 Analogue Outputs.

#### **Secondary Mixer**

Allen and Heath SQ6 48 channel / 36 buss Digital Mixer

#### **Amplifiers**

3 x Yamaha PX10 Installed for 6 Sends of Foldback (more Amps available if more sends required).

### **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 Allen and Heath ME-1 40 input personal mixers with Beyer DT770 Stereo headphones and Beyer DT108 single ear headphones

### **Playback:**

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

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' & 16' 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**

Total 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

**Internet**

Access to WIFI only available if requested 3 weeks in advance.

**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 QLD 4807**  
Dock Address                   **110-112 Graham Street, Ayr QLD 4807**  
Venue Postal Address       **P.O. Box 773, Ayr QLD 4807**

**Staff Contacts:**

**Technical Manager           David Luscombe**  
Mobile                           0429 801 229  
Email Address               david.luscombe@burdekin.qld.gov.au  
Phone Number               07 47 839888

**Technician/Lighting       James Fahey**  
Email Address               james.fahey@burdekin.qld.gov.au  
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](http://www.burdekintheatre.com.au)

-

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 472

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.