

Barossa Arts & Convention Centre

TECHNICAL SPECIFICATIONS Brenton Langbein Theatre

Stage Dimensions

Proscenium Height:	5.3 metres
Drift:	6.0 metres
Grid:	11.7 metres
Stage Width:	14 metres at Proscenium
Stage Depth:	House Curtain to cyclorama – 7 metres House Curtain to rear wall – 11 metres Timber stage to rear wall – 13 metres Apron lift stage to rear wall – 16 metres

Stage Wing Dimensions

Prompt side:	6 metres x 8 metres
Off prompt side:	7 metres x 8 metres

Fire Safety

The theatre has a safety curtain with drencher system located at the rear of the proscenium arch. The system is operated from both prompt and off-prompt side and is achieved through manual operation. There is an automatic release mechanism provided by means of a 68 c heat activated device.

House Curtain

The House curtain is a two-pieced burgundy velour curtain with 100% fullness. The curtain is flown on a dedicated C/W set and may be used as a manual activated drop or be traversed electrically.

Stage Drapes

- 4 pairs Black Legs, Velour 6200mm x 3500mm wide with fullness
- 5 Black Borders, Velour 3000mm x 17600mm wide
- 2 sets Black Traveller Tabs, Velour 6200mm x 17600mm wide
- 1 cyclorama cloth, seamless cotton, off white 6200mm x 17600mm wide

Lift Stage

The stage features a mechanical lift stage that can be set at any height selected. Pre-set levels include stage level, assembly level (one step down), auditorium level, and orchestra pit level. The lift-stage surface consists of a polished wood floor.

House Wings

The stage features two side wings situated in front of the proscenium arch. The surface consists of a polished wood floor.

Access to Stage from Auditorium

Portable steps are placed at the centre of the lift stage for access from the centre auditorium aisle onto stage. Both side stage wings have in-built steps from the auditorium side aisles onto stage.

Orchestra Pit

When the lift stage is set at orchestra pit level the total dimensions of the pit are:

Width measured along the rear wall of the pit:	14 metres
Depth measured from the Centre point of the Thrust stage to the Centre point of the pit rear wall:	5.5 metres
Recommended maximum capacity:	60 musicians

Fly Tower – Stage Counterweight System

The steel wall frame accommodates 35 counterweight sets on 200mm centres, lines not available are 3, 9, 14, 16, 24, 26, 27, 31, 32, 6 pickups per batten, 6mm galvanized steel cable. Pipe battens are 48.3mm OD galvanized steel, 17.6m long. Batten travel is 11.5m. Load per batten is 350kg maximum

In-house Video

The control rack includes the main patching console for a 38 point video system linking all sections of the Centre, together with links to associated buildings on site.

- Balcony program relay camera
- PS & OP monitors
- Green room monitor

Audio

Mixer

1 x Yamaha PM3000A 40 channel plus 4 stereo

Amplifiers

2 Crest VS900 (1 FOH) (1 f/back)
1 Crest VS450 (F/B)

FOH . . . Speakers

Centre cluster

(FOH) 2 x Bose 502A Array
(FOH) 1 x Bose 502B Sub

Stalls left and right

Turbosound nuq12p powered

Fold back

4 x JBL MR series wedges

Control Equipment

2 x ARX EQ60 31 band 1/3 octave EQ units
2 x ARX compressor limiters
1 x ARX maxisplit 2 into 4, 1 into 8 line splitter
1 x Rane AD22B digital delay (2 channel)
1 x Yamaha REU500
3 x ARX DI boxes
3 tapco DI boxes

Microphones

4 x Shure SM58 (vocal)
1 x AKG 3700
1 x AKG 3800
1 x Shure 565
2 x AKG 418 condenser mics
2 x AKG D112 dynamic mics

Players

1 x Stanton 2 Disc CD Player
1 x LG DVD/VHS player

Field wiring

There are 93 mic points located around the venue and terminating in Equipment Rack in Control room. There are 20 mic lines and 4 sends from Equipment Rack in Control Room to mixer position. There are 16 mic lines and 4 sends from mixer position to o/p side of stage. All audio power field wiring is in "star configuration".

* mixing position is located at the rear of stalls.

Foyer Paging System

Lighting

Control Desk

1x ETC Express 125 channel desk

1x 180 Channel strand Gemini

Dimmer Racks

48 Dimmers (Front of House)

120 Dimmers (Back Stage)

2 x DMX Loops

Luminaires

6 sets of 4 x 1000W Cyclorama floods

12 x 15-28 deg Pacific 1kw profiles (bridge 2)

12 x 2kw 19 – 32 deg Cadenza profiles (2 bridge)

8 strand T64 – 20 deg profiles (1 bridge)

6 x Leko 19 deg

12 x Leko 26 deg profiles

20 x Leko 37 deg profiles

20 x 1200W Pebble Convex Spots

12 par 64 cans (MFL)

1 x strand patt 765 follow spots (CID) lamps

16 x 1kw Harmony Fresnels

Audio - Visual

Projection Facilities

One sony fx51 5600 ansi lumens multi media projector and a rear projection screen (4 metres wide x 3 metres high) are available.