

Darwin Entertainment Centre

Studio Theatre

Technical Specifications

Updated
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Technical Manager: Garry Ferguson

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Venue:

Phone number: 08 8980 3366
Fax number: 08 8980 3399
Website: www.darwinentertainment.com.au

STAGE

Brief Stage Description:

Flat floor. Hardwood covered with masonite sheets.
Screwing into surface permitted but larger holes to be authorised by Technical manager.

Stage distributed load limit **N/A**

Stage point load limit **N/A**

Stage rake **No**

Stage Dimensions:

Distance

Stage width at widest point: **13 metres**

Stage width at narrowest point (rear stage): **5 metres**

Stage floor to underside of lighting battens: **6.5 metres**

Front of stage to rear curtain line: **6.5 metres**

Front of stage to rear wall: **8 metres**

Overhead obstructions

N/A

Auditorium:

278 seats in standard theatre mode with 20 additional seats available in front row
(by prior arrangement only)

180 loose chairs with tables for use in cabaret mode.

Stage machinery:

One curved bar at rear of stage (cyclorama winch) operated by AC motor with fixed speed of approximately 8m per minute. Maximum load 300kg.

Six straight scenery winch sets operated by AC motor with fixed speed of approximately 8m per minute. Maximum load 300kg each. Batten lengths varies between 7m & 12m.

Six television style self-climbing lighting battens with 3 phase & DMX outlet on each. Batten length varies between 3m & 4m.

One 11.7m long wired lighting bar with 24 outlets driven by fixed speed AC motor.

All battens 50mm O/D water pipe.

Note: Operation of all electric motors by DEC personnel only.

Drapery:

*Type	Material	Colour	Width	Height	Quantity
Rear Tabs	Velour	Black	8.8	5.5	2

Access Equipment:

Tallescope with maximum height of 5.9 metres

Staging Units:

14 * 2400 long * 1200 wide aluminium framed rostrum with black plywood tops

8 * 1200 long * 1200 wide triangular aluminium framed rostrum with black plywood tops

108 * 300mm high legs to suit above

108 * 450mm high legs to suit above

108 * 600mm high legs to suit above

Stair treads to suit above heights

Loading Dock:

Access

Access for smaller/ medium sized vehicles is from either Mitchell Street, or the Esplanade for large vehicles.

Vehicles using the Esplanade entrance are restricted to a maximum axle weight of 9.6 tonnes

Loading Dock Height **3.3m Metres and 3.5 metres wide**

Distance from Dock to Stage **14 metres**

Stage to Dock Doors **4 metres high and 3.75 wide**

Restrictions / Obstructions

Unencumbered height of scenery dock is 3.35 metres

AUDIO

Control Positions:

Control Room in theatre configuration, Floor in cabaret configuration

Control & Amplification:

Primary Mixer

Soundcraft CB8, 32 Channels, 8 Aux. sends, 8 Groups, 11 * 4 Mtx

Secondary Mixer

Yamaha Promix 01, 8 + 8/2 Digital console.

EQ

2 * dbx 1231

2 * Yamaha Q2031 Stereo Graphic EQ (8 discreet graphic equalisers)

FX

1 * Yamaha SPX 90 MkII

2 * Yamaha SPX 990

Compression / Limiter / Gates

4 * dbx 166XL (stereo comp limiter/gate)

1 * ARX 6 gate

Speakers:

FOH Speakers

3 JBL 4892 Mid/High Array Speakers

2 JBL 4893 Array Sub-bass Speakers

Foldback

8 * RCF TT25-SMA powered low profile monitors

Playback:

Item	Make	Model	Detail	Total
CD/MP3 Player	Denon	DN-D4500	Dual CD/MP3 player	1
CD/cassette	Denon	620	CD/cassette player	2

Microphones: (Refer to Hire sheet for additional Concert/Choral Mics)

Make	Model	Detail / Accessories	Use	Total
Shure	Beta 58		Vocal dynamic	6
Shure	SM91		Boundary PZM	2
Shure	SM57		Instrument Dynamic	2
Sennheiser	K3U		Shotgun Condenser	4
AKG	C451 EB		Condenser	4
Ultra	DI			4
SCV	DI 2	Active DI with -20db pad and earth lift		5

Accessories:

Item	Model	Detail / Accessories	Total
Tall Microphone stands	Tripod Base	With Boom Arm	10
Short Microphone Stands	Tripod Base	With Boom Arm	10
Straight Microphone Stands	Round Base		2
Banquet stands (table top)	Tripod	No Boom	6

Cabling:

Audio Cable

The Theatre has an extensive stock of audio cables, mic leads 5m, 10m, 20m, 8 way drop boxes, patch leads (XLR, RCA and TRS jack in various combinations) Speakon and XLR speaker leads with joiners and converters.

Multicore

- 2 * 20m 8 way drop box (female XLR box to male XLR tails)
- 2 * 12m 8 way drop box (female XLR box to male XLR tails)
- 1 * 12m 12 way female XLR tails to male XLR tails

Projection Room:

N/A

Projectors:

Type	Model	Detail / Accessories	Total
Panasonic	PT-D5500E	Mounted on dress circle	1
Dell	2300MP	2300 A/L DLP. No mounting bracket	1
Sanyo	PLC-XT20	Permanently mounted in Studio	1

Screens:

Projection Screen

Unperforated matt white film screen permanently fixed in front of Tabs (on motor)

Screen dimensions **4 metre * 3 metre**

AV Playback Equipment:

Item	Model	Detail / Accessories	Total
Yamaha	S540	DVD, Video CD and CD player	1

Projector Rigging Points:

N/A

Cabling:

Limited stock of coax and RCA cable available

Audio Visual Notes:

Coax patch points in Control Room, around space and Prompt corner.

BACKSTAGE

Communications:

Stage Managers Desk

Stage manager's desk is located in prompt corner. The desk has limited mobility within this area. It is fitted with gooseneck light and clock

Talkback

Master Unit

Intercom Matrix 708-80 located in Audio rack outside technicians office

Total sub stations

Production communications are available to all working areas via cabled belt packs and head sets – sufficient for all productions.

Total headsets

Sufficient for all productions.

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

Talkback patching located at: **There are talkback patch points in every conceivable position throughout the auditorium**

Paging / Show relay

Paging to the dressing rooms is available from the stage managers desk. Show relay is distributed to all dressing rooms and green room. Each room has individual volume control. Show relay is routed via Media Matrix and can be sent to Foyers, Box Office, Tech office etc.

Q Light System

In house Q light system available **No**

Number of units **N/A**

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
2	6	1	1	Stage Level
3	2	1	1	Stage Level
1 Female	15	5	4	Sub Stage Level
2 Male	15	5	4	Sub Stage level

Laundry / Wardrobe:

Washing Machines	1 * Maytag Heavy Duty
Dryers	1 * Maytag Heavy Duty
Drying rooms	N/A
Iron / ironing board	1 * Ironing Board, 1 * Steam Iron
Clothes racks	2

Production Facilities:

Production Desk

Production desk is usually positioned mid stalls and is a temporary arrangement of tables and plinths, DMX, talkback, desk lamps and hand held radio mic (to talk with company on stage). House light control is not available at production desk.

Production Office

No, but spare dressing room (if available) is often used.

Phone

Phone access can be pre-arranged and charged on your final invoice.

Fax

No back stage Fax. Access to Admin fax can be arranged

Access to phone for internet access

Internet Access can be pre-arranged. Charges apply.

Greenroom:

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

Stage Door:

Access

Stage Door is located at the top of the vehicle ramp which runs between the Darwin Entertainment Centre and Globetrotter's Backpacker Hostel. The Stage Door is usually locked except by prior arrangement pre-show. On request and at the discretion of the Technical manager or Duty Technician, the Stage Door may be left closed but unlocked. If deemed necessary a DEC staff member may be rostered to monitor stage door access. This will be at the hirer's expense.

ADDITIONAL FACILITIES & INFORMATION

Orchestral:

60 metal music stands, 20 with scone

54 black, padded seat and backrest, non adjustable orchestra chairs

4 black, adjustable double bass stools

Kawai Model G550 Baby Grand Piano (hire and tuning charges apply)

Kawai Upright Piano (hire and tuning charges apply)

Rehearsal Space:

Rehearsal room is 16m * 9.5m and has a sprung, polished hardwood floor. Ballet Barres are mounted on 2 walls and floor to ceiling mirrors are mounted on the wall opposite Barres. This room is independently air conditioned (1 hour timer switch) and can be accessed with a pass key issued by Venue Co-ordinator, this enables hirers to gain access outside normal working hours. Hirers also get access to one dressing room with toilets (5) and showers (4)

VENUE:

Venue Contacts:

Venue Address 93 Mitchell Street, Darwin, NT 0800.

Venue Postal Address GPO Box 1993, Darwin, NT 0801

Staff Contacts:

Lighting Technician

Chris Kluge

Mobile 04 3881 9052

Email Address techlight@darwinentertainment.com.au

Phone Number 08 8980 3366 (ext 111)

Audio Technician

Peter (Pedro) Bonnell

Mobile 04 1504 2660

Email Address techaudio@darwinentertainment.com.au

Phone Number 08 8980 3366 (ext 111)

Venue Co-ordinator

Karen Monk

Phone Number 08 8980 3369

Email Address venue@darwinentertainment.com.au

Fax Number 08 8980 3399

Box Office

Kerri Santalucia

Phone Number 08 8980 3308

Email Address kerri@darwinentertainment.com.au

Fax Number 08 8980 3399

Administration

Phone Number 08 8980 3366

Venue Plans:

Venue Plan Available

YES, hard copy at 1:50 can be mailed, or a PDF, Vectorworks or DWG file emailed upon request

Venue Section Available

YES, hard copy at 1:50 can be mailed, or a PDF, Vectorworks or DWG file emailed upon request