TECHNICAL SPECIFICATIONS
NOVEMBER 2018

Phone: (07) 3283 0407
info@redcliffeentertainmentcentre.com.au
www.redcliffeentertainmentcentre.com.au

Updated June 2018. Please contact Redcliffe Entertainment Centre before relying on specifications.
DOCUMENT OVERVIEW

The Redcliffe Entertainment Centre Technical Specifications are a guide to the venue’s audio visual and technical equipment. This guide is intended as a reference for hirers and technical staff utilising the venue. The document is to be used in conjunction with planned consultation with Redcliffe Entertainment Centre management.

CONTACT DETAILS

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Venue Manager</td>
<td>Geoff Cox</td>
<td><a href="mailto:Geoff.Cox@moretonbay.qld.gov.au">Geoff.Cox@moretonbay.qld.gov.au</a></td>
<td>07 5433 2369</td>
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VENUE INTRODUCTION

The Redcliffe Entertainment Centre is an exciting performing and creative arts space that caters for the cultural needs of local and regional audiences.

Located in the heart of Redcliffe’s Cultural Precinct, this venue plays host to touring productions, comedy shows, movies, musicals, conferences, civic functions, as well as a variety of community organisations and arts activities.

The centrepiece of the Redcliffe Entertainment Centre is the magnificent Matthew Flinders Theatre.

In this beautifully appointed auditorium, featuring 400 raked seats with ample leg room and boasting state of the art audio visual equipment - it is impossible to find a bad seat in the house. Combining the latest technology with amazing levels of comfort makes this venue the perfect setting for any number of events.

VENUE LOCATION
SMOKING
Redcliffe Entertainment Centre is a non-smoking venue. Smoking can only take place in Designated Smoking Areas.

CONSUMPTION OF ALCOHOL
Redcliffe Entertainment Centre is a licensed venue. No external alcohol can be consumed on venue property.

APPROPRIATE FOOTWEAR
All stakeholders are to use appropriate, closed toe foot protection during bump in and bump out periods.

RUBBISH & CLEANLINESS
The theatre and dressing rooms are to be left tidy after bump out. All rubbish is to be placed in the bins provided. Failure to do so may incur additional charges.

PRODUCTION MEETINGS
Productions meetings between Redcliffe Entertainment Centre Staff and the Hirer may be requested to determine production requirements.

TEST & TAG
All electrical equipment entering the venue requires appropriate testing and tagging as per AS 3760.

RIGGING
All rigging is at the discretion of the Technical Staff. Rigging requirements must be discussed with the Technical Manager prior to the hire.

ACCESS EQUIPMENT AND LADDERS
The Redcliffe Entertainment Centre has a range of ladders and height access equipment available. Hirer use of this equipment is at the discretion of technical staff and will require an induction in its use.

FIRE SERVICES
Use of a smoke machine, hazer, aerosolised paint, metal cutting tools, or anything that is likely to trigger the venue smoke detectors will require the alarm system to be isolated. The isolation can only be performed by appropriate venue staff. Any charges arising from false alarms, including the cost of Fire Brigade attendance are the responsibility of the Hirer.

FLAMMABLE MATERIALS
It is the Hirer’s responsibility to ensure that any flammable staging, scenery, curtains, back-drops, banners or other stage dressings used in your production have been treated with Fire Retardant.

NOISE LEVELS
Redcliffe Entertainment Centre noise levels are limited to a maximum of 110dB. This is measured from FOH mix position.

STAGE MANAGEMENT SYSTEM
The Stage Managers Desk (SMD) is located prompt side. As part of the venue hire, single channel wired comms packs are provided at the SMD, sound desk and lighting desk. Additional packs, including wireless, are available at the discretion of the Technical Staff.

EXTERNAL EQUIPMENT
If hirers provide their own equipment; it is their full responsibility to load in, move, set up, pack down and remove this equipment from the venue within their given hire period. The insurance and liability of this equipment whilst on venue property is the sole responsibility of the hirer. Venue Management reserves the right to deem equipment unsafe. All equipment must be removed following the final performance, anything left at the venue after the conclusion of the hire may incur charges.

STAGE SURFACE
The stage surface is a Masonite floor covered with “EveryDance” heavy duty vinyl. This flooring is suitable for all productions as well as all forms of dance. Care must be taken with props and set pieces - any damage to the floor will incur charges.
TECHNICAL STAFFING POLICY

- When engaging the Redcliffe Entertainment Centre auditorium, it is mandatory for a minimum of two Technicians to be a part of the hiring agreement.
- A technical shift must be a maximum of 12 hours. This must include two 30 minute breaks and shutdown procedures.
- Technical meal breaks can be staggered to allow the hirer to keep working. No rigging can occur during this time and staggered meal breaks must be discussed with the Senior Technician prior to the hire.
- Technicians require a mandatory 10-hour break between shifts.
- If the hirer needs to work longer than the allotted 12 hours, a safety plan must be provided and signed off by the Venue Manager. This must be produced prior to the shift in question.
- Bump in and out schedules must be programmed into a 12-hour shift or less. Any shifts longer than 12 hours must be approved by management and a crew changeover may occur.
- Auditorium check lists will be completed by the venue technicians to ensure the safety of personnel and equipment.
- All venue equipment used by the hirer must be accounted for at the end of the event. It is the Senior Technician’s role to ensure the return of any venue equipment used by the hirer.
- Technicians have a duty of care to create a safe working environment. They are not to be used as labourers for the hirer.
- No hirer or their staff can access the production room or workshop.
- A hirer may engage their own operators under the supervision of Technical staff.
- The use of auditorium equipment is at the discretion of the Senior Technician and Venue Management. The venue manager has the right to remove the operator if they believe the equipment is not being used as per the specifications or in an unsafe manner.
- When auditorium equipment is being programmed or operated within the Bio Box, a technical staff member must be present.
- The stage door must remain closed unless manned by a hirer’s crew member.
- The venue must be reset to a standard configuration at the completion of the hire. Should this take longer than allocated, there may be additional charges incurred.
TECHNICAL OVERVIEW

THEATRE
- Maximum width - 19.6m
- Minimum width - 13.15m
- Depth (Bio Box to stage) - 23.4m

STAGE
- Back drop measurements 15m x 6m
- Height from theatre floor 1m
- Proscenium width 11m
- Proscenium height 5.5m
- Stage Depth 10m

LOADING DOCK
- Street level to roller door 0.9m
- Opening height 4.9m
- Opening width 2.7m

COUNTERWEIGHT FLYING SYSTEM
- Refer to Hanging Plot for available lines
- Length of Battens 14.6m
- Floor to Grid Height 13.5m
- Capacity: 400kg per metre (downstage to upstage)
- Operation from Stage Floor (Prompt)

DRESSING ROOMS
- 2 with 12 mirrors (capacity 20 adults each)
- Additional meeting rooms can be utilised subject to availability.

GREEN ROOM
- Tea & coffee facilities
- Fridge

ROSTRA
- 6 @ 2m x 1m
- 300mm - 450mm Legs
- Limited 600mm Legs available

PODIA
- 1 Lectern
- Music stands are NOT supplied

CHAIRS
Chairs available from meeting rooms (subject to availability)

TABLES
Trestle tables with black fitted table cloths (subject to availability)

PIANOS
- 1 x YAMAHA Grand C3 183cm
- 1 x YAMAHA Upright U3MS 131cm (located in lower foyer)

VIDEO LINKS
- Colour RF Signal to Prompt Corner, Ladies Dressing room & Men’s Dressing room.
- RF Points at PS, OP, Backstage, Terry Walker room & FOH Bridge
LIGHTING SPECIFICATIONS

CONTROL DESK
- LSC Clarity LX300 Console with external 17” Monitor and corded mouse.

FOLLOWSPOT
- 1 x SELECON Pacific Follow Spot
  Hirer agrees to provide a suitable operator. The venue can supply an operator at additional cost.

LUMINAIRES - CONVENTIONAL
- 12 x ETC Source Four 750w Profiles (26 and 32 Degree lens tubes available)
- 6 x ETC Source Four 750w Zoom Profiles
- 6 x SELECON 1200w PC’s

LUMINAIRES - INTELLIGENT/LED
- 6 x ROBE Robin Pointe
- 2 x MARTIN Mac2000 Performance II
- 8 x SELECON PLCYC
- 4 x MARTIN Mac250 Entour
- 16 x LED RGB Fresnel

DIMMERS
- 2 x LSC EPak Digital 12 Ch. @ 2.5kw Dimmers
- 2 x LSC EPak Digital 12 Ch. @ 5Kw Dimmers
- 2 x LSC TEKOV3 12 Ch. @ 2.5kW Dimmers

BOOMS
- 4 x Stage Booms - 2m Tall (Check usage with Senior Technician)

PATCH BAY
- Situated on the upper level at the Fly Gallery

3 PHASE POWER
- 1 x 30 AMP located O. P. Wing

ATMOSPHERIC/SPECIAL EFFECTS
- 1 x ANTARI HZ500 Hazer
- 1 x ANTARI W-510 1000W Smoke Machine
**AUDIO SPECIFICATIONS**

**MIXER**
- MIDAS Pro2
- 2 x MIDAS DL153 (16 IN, 8 OUT)

**MIXING POSITION**
- Bio Box (Standard)

**FRONT OF HOUSE PA**
- 2 x EVH-1152D/64-BLK Electro-Voice two-way coaxial horn-loaded full-range loudspeaker.
- 2 x EVF-2121S-BLK Electro-Voice dual 12-inch front-loaded subwoofer.
- 2 x EVF-1152D/64-BLK Electro-Voice 15-inch two-way full-range loudspeaker.
- 2 x QRx-218S-BLK Electro-Voice compact dual 18-inch subwoofer

**POWERED SPEAKERS**
- 4 x DYNACORD AXM 12A 12” powered monitors
- 2 x YAMAHA MSR400 12” powered speakers
- 2 x YAMAHA DXR15 15” powered speakers

**MICROPHONES - WIRELESS**
- 6 x SHURE ULX-D SM58 (*limited* body packs with headsets/lapels available to suit)
- 4 x SHURE SLX SM58 (*limited* body packs with headsets/lapels available to suit)

**MICROPHONES - WIRED**
- 3 x SHURE SM58
- 6 x SHURE SM57
- 2 x SHURE BETA98D-S
- 1 x SHURE BETA52
- 2 x SHURE BETA56A
- 4 x RODE M5 Condensers
- 1 x EV Lectern Microphone

**DIRECT INPUT BOXES**
- 2 x RADIAL PRO DI PASSIVE (Mono)
- 1 x RADIAL PRO D2 PASSIVE (Stereo)

**MICROPHONE STANDS**
- 7 x K&M 210/6 Tall Microphone Stands with boom
- 3 x K&M 259 Short Microphone Stands with telescopic boom
SEATING CONFIGURATION

CAPACITY: 390 Fixed Seats

Additional Seating may be placed at the front of the theatre. Please consult management to discuss this option prior to tickets going on sale.

Patrons must be able to walk to and from their seats unassisted.
**DRAPEERY**

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<td>6500mm</td>
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**ADDITIONAL EQUIPMENT**

The use of this equipment may incur additional charges. Please consult with the Senior Technician prior to bump in to discuss any additional equipment required.

- 1 x Full Stage LED Star Curtain
- 10 x LED FusionBAR Q XV
- 10 x LED PAR Quad-12
- 1 x Antari Ice-101 Low Lying Fog Machine
- 1 x Antari Z-1200 Fog Machine
- 1 x Black Full Stage Gauze Scrim
- 1 x White Full Stage Gauze Scrim
- 1 x RSS Roland V M-400 (32 input, 18 Digital Snake)
- 1 x 12” Mirror Ball with motor
- 4 x 4” Mirror Balls, no motors
- 3 x Sennheiser EW 300-2 IEM G3-A
- 6 x 2m Litec Box Truss
- 2 x 1m Litec Box Truss
- Various Rosco/Lee Gels
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<td>Split Full Stage Smother</td>
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**Please note:** All changes to the Standard Hanging Plot must be approved by Management prior to entry.
I hereby confirm that I have read and understand the Redcliffe Entertainment Centre Technical Specifications. I understand that this document is subject to change and that all technical requirements are to be discussed with management prior to entry to the venue.

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