

# Shoalhaven Entertainment Centre

## Technical Specifications

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# Main Auditorium

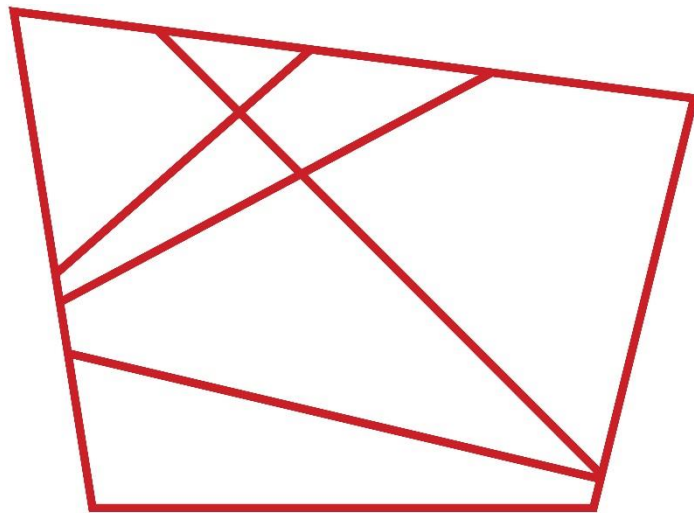
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SHOALHAVEN  
ENTERTAINMENT  
CENTRE

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## 2. Venue Capacity

- Seated (with sound desk in auditorium): 878 (available for sale)
- Standing: Level 1 and 2 flat floor: 950 (available for sale)

## 3. Stage Measurements

Proscenium width	15000mm
Standard width between legs	12000mm
Proscenium height	7000mm
Standard border height	5500mm

<b>Depth from front of stage:</b>	
To upstage edge of proscenium	1200mm
To Fire Curtain	1300mm
To FOH curtain	1800mm
To LX 1	2500mm
To LX 2	5400mm
To LX 3	7900mm
To Lx 4	10000mm
To Last Fly line	12000mm
To back wall	13200mm

Stage Height from house floor	800mm
Stage surface	Masonite
Stage distributed load limit	750Kg/m <sup>2</sup>
Stage Point Load limit	450kg

## 4. Power Distribution

1x 100Amp supply via 6 \* 40amp Wilco located at each corner of the stage and 2 stage left  
1 x100Amp hardwire connection located stage left.

**Only house electrician can connect and disconnect 100amp supplies.**

Please Email [techs@shoalhavenentertainment.com.au](mailto:techs@shoalhavenentertainment.com.au) 4 weeks prior to event date to confirm this requirement.

## 5. Rigging

All Rigging points installed by In house Riggers only. The flying of any PA needs to be requested in writing.

**RB1:** Grid beams over stage, upstage of Proscenium Beams at 3m centres running up and down stage 11700mm above stage surface.  
Maximum capacity 235 kg/m including flying system.  
No Point Rigging permitted

**HB2:** Beams above fore stage at right angles to proscenium at 3m centres 1500kg each.

**LX4:** 4 x Electric Pile winches (max capacity that can be added to the bar 500kg)

**Roof Trusses:** Above Auditorium

The bottom chord of each truss is rated for a one only point load of 1000kg

## 6. Access Equipment

- A Genie GR20 mast lift is available within the confines of the building. Maximum platform height of 6.0m and a maximum platform load limit of 159kg
- Aluminium Extension Ladders: 4.2m - 7.78m, 150kg capacity
- Aluminium Step ladder: 4.5m, 150kg capacity
- Fibreglass Step ladder: 3.6m, 150kg capacity
- Fibreglass Step/extension ladder: 2.4m-4.11m, 150kg capacity

## 7. Fly System

- The Shoalhaven Entertainment Centre does not have a fly tower
- Only House personnel can operate Fly System
- A single purchase counterweight system operated from stage level stage right (OP)
- 10 lines in different depths of the stage are usually available for facilitating touring soft goods
- Touring LX requiring Flylines must submit an LX plot and hanging plot 4 weeks prior to event date.
- All Battens are 48mm OD pipe.
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Line No.	Distance from Front of Stage (mm)	Cradle Capacity (kg)	Standard Hang
1	1800	300	House Curtain
2	2000	300	Border
3	2200	300	
4	2500	500	LX 1
5	3500	300	Legs
6			Uncommissioned
7	3900	300	Border
8	4900	300	Legs
9			Uncommissioned
10	5400	500	LX 2
11			Uncommissioned
12			Uncommissioned
13	6000	300	
14	6400	300	
15	6800	300	Mid Tabs
16	7400	300	Border
17	7600	300	
18			Uncommissioned
19	7900	500	LX 3
20			Uncommissioned
21			Uncommissioned
22	8900	300	Border
23	9100	300	Legs
24	9300	300	
25			Uncommissioned
26			Uncommissioned
27	10000	500	LX 4
28	10200	300	
29	10600	300	
30	10800	300	
31	11200	300	
32	11500	300	Upstage Tabs
33	11800	300	Cyclorama
34	12000	300	

## 8. Load in

- Venue access on show day is strictly between the hours highlighted in the contracted schedule. The venue will be closed and any crew, associates, deliveries and caterers will not have access to the venue until the start of the load in - indicated in the schedule.
- Coming from Sydney, turn right after Nowra Bridge onto Bridge Rd. Turn left off Bridge Road into Graham St and then left into car park. Bollards can be removed on request (if trucks are over 5t.etc). On arrival go to Loading Dock door. The Duty Tech will open loading dock door at the start of the load in – indicated in the schedule.
- The loading bay is located on the south western corner of the building (the rear). The dock is 900mm high and a flat load to the stage.

### Load in Rules

- All stage gear must go onstage
- Absolutely no gear is allowed to stay or be stored in the auditorium
- Only the Duty Tech is permitted to unlock any door to any part of the building. No other doors can be used for loading other than the loading dock door.
- The Duty Tech is available from load in to assist with the provisions of the House facilities.

## 9. In House LX

The Standard rig is set with a well covered 4 colour wash, gobo break up wash and enough profiles to cover any standard concert.

Control	LSC Clarity LX300 Console and VX 20 Wing board
Dimmers	Bytecrafft Solution 12 10amp 132 x dimmers Bytecrafft Solution 6 20Amp 12 x dimmers
FOH Bridge 1	4450 from setting line 24 x dimmable 10A circuits 2 x dimmable 20A circuits
Lamps	2 x Selecon Pacific 12 / 28 profiles 15 x Selecon Rama HP1.2K Fresnels with Barndoor 5 x Selecon Arena 2K Fresnels with Barndoor
FOH Bridge 2	17 x Selecon Pacific 12 / 28 Profiles
FOH Bridge 3	10 x Selecon Pacific 5 / 12 Profiles
LX 1	1300 from the setting line 31x dimmable 10A circuits 4 x dimmable 20A circuits
Lamps	14 x Selecon Pacific 23 / 50 Profiles 9 x Selecon Rama HP 1.2K Fresnels with Barndoor 3 x Selecon Arena 2K with Barn Door
LX 2	4000 from the setting line 31x dimmable 10A circuits 4x dimmable 20A circuits
Lamps	4 x Selecon Pacific 23 / 50 Profile 9 x Selecon Rama HP 1.2K Fresnel with Barndoor 3 x Selecon Arena 2K with Barndoor 8 x Kupo Multipar
LX 3	6800 from the setting line 31x dimmable 10A circuits 4 x dimmable 20A circuits
Lamps	4 x Selecon Pacific 23 / 50 Profiles 9 x Selecon Rama HP 1.2K Fresnels with Barndoor 3 x Selecon Arena 2K with Barndoor 8 x Kupo Multipar
LX 4	8700 from the setting line 31x dimmable 10A circuits 4 x dimmable 20A circuits
Lamps	4 x Selecon Pacific 23 / 50 Profile 8 x Selecon Aurora 4 way cyclorama floods

Accessories                    8 x M size Gobo Holder  
                                     18 x A size Gobo Holder  
                                     Gels upon request

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Additional LX Options    4 x Chauvet Intimidator Spot LED 350  
                                     4 x Martin Rush MH6  
                                     12 x SHOWPRO Fusion par Hex 12HX  
                                     7 x SHOWPRO Esunstrip  
                                     16 x Pro-shop Quad LED par 7s

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Note: No equipment without a current electrical compliant tag can be used in the Shoalhaven Entertainment Centre. In house tagging is available when pre-arranged.





## 1.2 Touring LX

- Touring moving packages can be rigged on house lines.
- Please provide hanging plot and weights 4 weeks prior to event date.

## 10. Staging

### Risers

- 1.8m x 2.4m x 2
- 1m x 2m x 300mm x 7
- 1m x 2m x 600mm x 7
- 1m x 2m x 900mm x 7

Steps and rails to suit the above

Additional stage risers can be arranged.

## 11. Pyro / GAS / Confetti

Written approval is required before allowing any Pyrotechnics or any pressurized air or gas

Additional cleaning fees may need to apply for confetti cannon blasts.

Please submit via email any pyro, gas or confetti use 4 weeks prior to event date to:

[techs@shoalhavenentertainment.com.au](mailto:techs@shoalhavenentertainment.com.au)

*Include details of service providers and their insurance cover notes.*

## 12. Projection

- Projector (Rear or Front): Panasonic PT-EZ 590 5400 ANSI Lumens
- Motorised short throw and standard lens options
- Screen 6m wide x 3.5m high
- Cyclorama
- Black Magic ATEM switcher

## 13. Comms

Jands Eizicom E-400 Master Standard. Positions are covered;

- SX (Bio Box or Level Three) x 1
- LX (Bio Box or Level Three) x 1
- Follow spot x 2
- Stage left at Stage Manager's Desk x 1
- Stage right for fly / monitor operator x 1

## 14. Audio System

The house PA system is normally in place. If you are bringing in your own system please email [techs@shoalhavenentertainment.com.au](mailto:techs@shoalhavenentertainment.com.au) Please specify if it will be ground stacked, flown or both.

Flown	10 x JBL VRX932LAP Line Arrays; 5 Left and 5 Right
Stage Level	4 x JBL VRX918SP Subs; 2 left and 2 right of stage
In fill/ Lip Fill	4 x QSC K8 (evenly spaced down stage edge)
Stage Level	2 x VRX932LAP Line Arrays; 1 left and 1 right
FOH Control	Yamaha CL5 72 channel Rio 3224-D Audinate Dante-MY16-AUD X 2 DBX Driverack VENU360 Denon DN-C635 CD player X 3
Monitor System	Operated from FOH up to 8 sends with 31 band EQ
Monitor Speakers	4 x L-Acoustics 112P 8 x JBL PRX512 wedges on stage
Multicore	24 input channels, four returns 2 X 8 Way Multipin Drop Box
Microphones	6 x Shure SM58 8 x Shure SM57 1 x Shure SM81-LC 2 x Shure SM94-LC 1 x Shure Beta 52-A for kick drum 1 x Beta 91-A 2 x Audio Technica AE 3000 1 x AT U-851 R
Radio microphones	10 x Handheld SM58 Microphones 18 x ULX P4 Receivers 16 x ULX Belt Packs 16 x WH30 Headsets 7 x SW302 Instrument Cables 8 x Lapel Microphones
DI'S	2 x Radial pro D2 2 x Radial pro 48 4 x Pro Co Passive DIs
Stands	10 x round base upright 13 x tripod base tall boom
Stage Monitor System	Yamaha M7CL 48 channel Total 16 Sends From side stage Console 8 x JBL PRX512 wedges

## 15. Dressing Rooms

Behind the main theatre stage at stage level

- 2 large dressing rooms capable of taking 15 people each
- 2 small dressing rooms for 2 people each located

Each dressing room has a shower and toilets.

Laundry facilities: Washing and drying facilities are located in the loading dock area.

Two rehearsal/dressing rooms for 8 to 10 people each are also located on the floor below the stage with easy access to the orchestra pit. A single shower and toilet is located between these rooms.

## 16. Other Equipment

- Grand Piano: Bechstein 9' 2" Concert Grand
- Unique 2 Hazer:

## 17. Load Out

Load out should be carried out safely and immediately after the performance ends.

### ***Next Day Pickups***

1. Next day pickups are not possible unless arranged at least 3 weeks prior to event date with [techs@shoalhavenentertainment.com.au](mailto:techs@shoalhavenentertainment.com.au).
2. Any such equipment must be left at the loading dock.
3. A pickup time must be pre-arranged with [techs@shoalhavenentertainment.com.au](mailto:techs@shoalhavenentertainment.com.au) and be reconfirmed with the Duty Tech on the night
4. Next day pickups will incur a fee

## 18. House Rules

House rules are made so that work in progress is as smooth as possible whilst still maintaining all precautions regarding the facilities, fixtures, fittings, finishes and property of the theatre.

1. All doors, Stage or House must be clear to open or close
2. All FOH equipment must fit within the FOH control area
3. All stage gear must enter via the loading dock door
4. Only House Personnel may unlock or open any auditorium or foyer doors
5. No road cases or equipment are allowed to be carried, wheeled or placed anywhere in the auditorium
6. Seats, backrests or armrests cannot be used as a step or be stood on
7. Only House Personnel are permitted in the roof or Grid
8. No smoking in any part of the venue or within 10m of a door or window
9. Only qualified riggers may rig
10. Only house operators can use fly lines
11. Only house operators can operate follow spots, unless prior arrangements are made
12. Do NOT TOUCH stage drapery, do not untie it, do not GAFF it to your gear
13. GAFF tape may only be used on Stage
14. Check with BOH manager for any uncertainties
15. If you need anything at all please ask the BOH manager