

## Opera House Theatre Specifications

### **Theatre Information:**

|                     |   |
|---------------------|---|
| <b>Capacity</b>     | 979 for sale 965  |
| <b>Stalls</b>       | 493   |
| <b>Dress Circle</b> | 222   |
| <b>Grand Circle</b> | 264   |
| <b>Green Room</b>   | Upstairs, Backstage (includes Fridge, Microwave & Kitchen facilities) |

### **Dressing Rooms – (include hangers, chairs and mirrors)**

- 2x Two people with Shower & Toilet
- 3x Six people with mirrors and sink
- 1x Ten person with mirrors and 2x sinks
- 5x showers
- 8x toilets & 1x disabled toilet

**Parking** Limited parking available at back of theatre off Eastbourne Street

### **Mix Position**

FOH control position is located at the rear of the stalls area

### **Comms**

ClearCom communication system between all standard operating areas

### **Performance relay and backstage paging**

Paging is located from the stage managers desk and full performance relay to dressing rooms

### **Hearing Loop**

Hearing loop is available

### **Power positions and hookup**

160a Soundamp tapoff power lock connection is located DSR  
32a pdl gpo and 32a pdl Technical power located DSR  
250a LX Tapoff located in dimming room CSL  
Please see diagram below

### **Electrical equipment**

HBOH Equipment is checked for use and carries current test tags, it is expected that all off site equipment also complies with this, venue staff reserve the right of refusal where it may be deemed that unsafe equipment is being patched into the system.

### Maximum sound Pressure levels

Sound may not exceed acceptable level as deemed by the Acting House technician and the operator must comply with any reasonable request to adjust levels

### Access equipment

1 man Geni lift 10m height

### Flying

Any client/ operator needing to work the fly system in the venue must have sign off by the Duty, House Technician

### Rigging

All rigging must be signed off by the acting Duty House Technician prior to any item being hung in the venue. All rigging must comply with the minimum 5:1 safety factor, 10:1 where people are to be flown

### Stage Specifications

|                                      |            |
|--------------------------------------|------------|
| Proscenium Opening                   | 9.1m       |
| Proscenium Height                    | 7.2m       |
| Fire Curtain to front of stage       | 1025mm     |
| Fire Curtain to Set Line (House Rag) | 495mm      |
| Setline to Back Blocks               | 12575mm    |
| Setline to back Wall (column Faces)  | 13000mm    |
| PS Wall to OP Pack Frame             | 19650mm    |
| Width between Flyfloor Galleries     | 13478mm    |
| Height to underside of grid (DS)     | 16432mm    |
| Rake                                 | 1.5degrees |
| Stage Construction                   | Ply Sheets |

### Line Sets

|    |   |                                      |       |
|----|---|--------------------------------------|-------|
| 1  | x | Fire Safety Curtain                  |       |
| 61 | x | Manually Operated Counterweight Sets |       |
| 2  | x | Panorama Bars                        |       |
|    |   | Safety Factor                        | 5 : 1 |

### Battens

|  |                    |
|--|--------------------|
| Batten Dimensions                        | 75 x 50mm          |
| Batten Length                            | 12400mm            |
| Lineset Spacing (Average)                | 195mm              |
| Empty batten weight                      | 2 of 15 Kg weights |
| Maximum distributed load on battens      | 450kg              |
| Maximum point load on Batten             | 200kg              |
| Maximum out of balance load on rope lock | 60kg               |

### Counterweights

|                           |      |          |
|---------------------------|------|----------|
| Maximum payload in cradle |      | 450kg    |
| 15 Kg Weights             | 1290 | 19350kg  |
| 5 Kg Weights              | 120  | 600kg    |
| Total of weights =        |      | 19950 Kg |

**Suspension Ropes**

Each batten is suspended off 4 x 6mm galvanised wire rope, 6x19 fibre cored. Breaking load 2000 Kg  
SWL 400 Kg

**Operating Rope**

Each line set has 1 of 24 mm manila rope, breaking load 4000 Kg  
SWL 800 Kg

**Grid Block**

220mm diameter Nylatron GSM Sheave, fitted with fully sealed Bearings  
SWL 400 Kg

**Idler Block**

220mm diameter Nylatron GSM Sheave, fitted with fully sealed Bearings  
SWL 300 Kg

**Head Block**

270mm diameter Nylatron GSM Sheave, fitted with fully sealed Bearings  
SWL 550 Kg

**Cradles**

Cradle guides are UHMWPE, Ultra High Molecular Weight Polyethylene,

**The equipment listed below is the full list of equipment owned by the venue but is not necessarily available. Listing this equipment does not indicate its inclusion in the venue or hire charges. Please inquire as to what is available at the time of your show**

**HBOH Theatre Sound Kit**

**FOH System**

24 L/R flown Adamson IS7 array element

8 Adamson IS119 subwoofer element (ground)

2 Adamson IS7P point source speaker

Adamson PC5 point source speaker (Front fill & under balcony)

Lab Gruppen D200:4L Amplifier 1

Lab Gruppen D80:4L Amplifier 4

Lab Gruppen D40:4L Amplifier

FOH Console Soundcraft Vi1 64ch

**Other sound equipment on site POA.**

1 Soundcraft Expression

16 Sennheiser EW 500 G4-945 – Handheld System BW Band

16 Sennheiser SK 500 G4 Bodypacks – BW Band

3 Sennheiser E604

2 Sennheiser E902

2 DPA 4098-DL-G-B01-045 Gooseneck microphone

6 Shure B58a Handheld Microphone

6 Shure SM58 Handheld Microphone

6 Shure SM57 Microphone

6 JDI- Passive Direct Box- Radial Engineering

6 DB Technologies Opera Powered speakers

2 DB Technologies single 18 powered Subs

12 K&M Mic stands

8 K&M Short Mic stands

3 Lecterns

### **HAWKES BAY OPERA HOUSE – THEATRE LAMP NUMBERS**

30 Chauvet Ovation F-915FC RGBAL full colour Led Fresnel with barn door

20 Chauvet Ovation E-910FC RGBAL full colour Led Profile with Zoom lens

16 Chauvet Maverick MK2 Profile moving spot

8 Chauvet Ovation B-1965FC - RGBAL 1.2M long 400W led cyc batten

2 Strong Lighting iChip Mirage 600W LED Followspot

16 Chauvet Ovation P-56FC RGBAL full colour theatre led par

### ***We will also have access to tungsten PC & Fresnel fixtures***

120chns of 2400w LSC dimming and 4 x 12ch satellite dimmers



Main Theatre Console LSC Clarity Lx600

### **Other Equipment**

#### **AV**

Lectern and microphone

6000L Projector

4500L Projectors

Switching equipment, Kramer

Laptops, windows and mac, DVD playback equipment

AV cabling

#### **Staging**

15x Stage Riser 2m x 1m

2x Stage Riser 1m x 1m

Risers available at 150mm, 300mm, 400mm, 600mm, 900mm, 110mm

## Trussing/ Rigging

Hawkes Bay Opera House carries a variety of Rigging equipment

2m,2.5m box truss

½ Ton Chain motors

Soft steel slings

## Stage Power

