



# The PumpHouse Theatre

## Technical Information

Please ensure that you have the latest version of this document as provided at <http://pumphouse.co.nz/perform/technical-information>

*Revised: 20 September 2017*

## Theatre Dimensions

### Stage Dimensions

Width of Stage	10.6 metres
Depth of Stage	7.5 metres
Stage Height	4.2 metres (to underside of curtain tracks) 4.57 metres (to lighting grid)
Height - Floor to Stage	0.6 metres (from auditorium floor to stage)

### Stage Entrances

Prompt Side	0.76 metres (from side door) 3.4 metres (from front of stage)
Opposite Prompt Side	1.8 metres (from side door) 2.9 metres (from front of stage)

### Loading Dock

Height	2 metres (door to theatre 2.5 metres high @ peak of arch)
Width	2.3 metres wide

### Maximum loadings

#### Stage

- Maximum evenly distributed load of 5 kPa (or approx. 500kg/m<sup>2</sup>)
- Maximum single point load of 2kN (or approx. 200kg)

#### Lighting bars (Refers only to poles with power outlets fitted)

- Maximum load rating of 60 kg/m (e.g. 30kg mover rigged every 0.5m)

*(Full Engineers report is available on request)*





## Seating

Fixed	123
Removable – Stalls	53
Balcony	2 x 8 seats. Suitable for adults only. Conditions apply.
Total	192 (including 2 x House Seats per performance)

## Wings

- None (Black Box) – can be set with tabs

## Stage Rake

- The stage is not raked

## Miscellaneous

- Back Stage Relay integrated with Hearing Loop
- Stage Manager's Talk Back System Hansen (3 stations: Tech Booth, SL, SR)

## Drapes

- 1 x House Curtain – Red
- 3 x Stage Right Tabs – Black
- 3 x Stage Left Tabs – Black
- 1 x On stage Black Curtain
- 1 x Cyclorama

Drape	Size	Min distance	Max distance
House Curtain	Full stage	0.97m	1.5m
Stage Right Tabs	0.7m to 3.0m width	1.1m	6.5m
Stage Left Tabs	0.7m to 3.0m width	1.1m	6.5m
Black Curtain	Full Stage	4.0m	7.0m
Cyclorama	Full Stage	4.9m	7.5m

- Minimum and maximum distances are as measured from the front of the stage. Minimum Tab positions assumes no House Curtains. Tabs cannot be placed forward of the House Curtain.
- In some cases the position of drapes is restricted by seismic strengthening.
- Any combination of drapes can be moved and/or removed. Charges apply.





## Audio Equipment

Unless otherwise stated the following audio equipment is included as standard with your hire. Please do not attempt to change speaker/amplifier configuration without first speaking with a PumpHouse technician.

### Mixing Consoles

- Allen & Heath QU-24 digital mixer
- Mackie Pro FX12 mixer (available on request)

### Amplifiers

- Proel PRL900
- Alto x23 Crossover
- Portable Amp Phonic Max1500
- B52 US-1200
- Amplifier input section is dual XLR 3-pin balanced and 6.3mm mono jack

### Speakers

- 2 x Proel TFL 12P8 Flying Series (300 watt continuous 600 watt peak)
- 2 x Proel TFL 115SP4 (Sub-Woofer – 400 watt continuous 800 watt peak)
- 2 x Proel TFLV 10P4
- 2 x Turbosound Milan M12 1100 Watt powered speakers (additional charges apply)
- Speaker connections and amplifier outputs are NEUTRIK.

### Microphones (charges apply)

- 4 x Sennheiser System Wireless microphones
  - handheld, lapel or head-worn options
- 2 x Audio-Technica ATM510 Cardioid Dynamic Vocal
- 1 x Audio-Technica ATM650 Hypercardioid Dynamic Instrument
- 1 x Audio-Technica AT2020 Cardioid Condenser Instrument
- 2 x Wharfedale Pro KM-3 Cardioid Condenser Instrument
- 1 x Audix f50S Cardioid Dynamic Vocal, with switch

### Miscellaneous

- Yamaha CD-S300 CD Player, including USB/IPOD input
- 2x Proel Active D.I. Box (DB1-A)

### Visual equipment

- Sanyo Multi Media Projector
- 32" Veon LCD L.E.D TV

### Grand Piano

- Blüthner Grand Piano
- Piano Tuning (if required) \$150.00 – \$180.00

*Note: Only The PumpHouse certified technicians are permitted to tune the piano. We use Jenkins Piano Tuners in Milford.*





## Lighting Equipment

Unless otherwise stated the following lighting equipment is included as standard with your hire.

### Control Systems

- 1 x Theatrelight CueMaster 120
- 1 x Theatrelight DMX-LINK Soft Patch

### Dimmers

- 5 x Pulsar data-packs = 84 channels (hard wired)
- 1 x Portable Theatrelight TL PPK 12-10

### Lighting Fixtures

- 6 x 1000w Selecon Pacific Zoomspot 23°-50°
- 2 x 600w Selecon Pacific Zoomspot 23°-50°
- 2 x 1000w Selecon Pacific Fixed Beam 90°
- 7 x 1000w Selecon Fresnel
- 2 x 650w Selecon Fresnel (*Barn doors and gels cannot be attached to these fixtures*)
- 7 x 500w Selecon Fresnel (*Barn doors and gels cannot be attached to these fixtures*)
- 4 x 650w Selecon Acclaim 4°-64° PC
- 2 x 1200w Selecon Rama 5°-60° PC
- 8 x 1200w Selecon Fresnel Rama 7°-50°
- 4 x 1000w Selecon Cyc Lui
- 4 x Selecon PLCYC LED Cyc unit
- 7 x 1000w Parcan - Par 64
- 1 x 1200w Selecon Follow Spot

### Standard Lighting Rig (no changes to patching or position)

The standard rig must be operational at all times throughout the hire period and should be the only fixtures remaining at pack out.

- 4 x Selecon SL ePAR 180 LED
- 2 x 1200w Selecon Rama 5°-60° PC

### Coal Bunker Studio Lighting/Audio

- 2 x Chauvet SlimPAR Tri 7 IRC
- 1 x Theatrelight Starlet 12
- Phonic AM24D – 2 Channels Sound Mixer





## **Power Supply**

### **Main Supply**

- 160 amp three phase

### **Three Phase Sockets – 32 amp**

- 2 x in Dimmer Cupboard
- 1 x in Control Room

### **Single Phase Sockets – 10 amp**

- 12 x On catwalk switched from Control Room
- 14 x In Control Room
- 8 x On Stage
- 4 x Front of Stage
- 4 x Practical over stage switched from Control Room
- 2 x Auditorium (under seat and at top of stairwell)

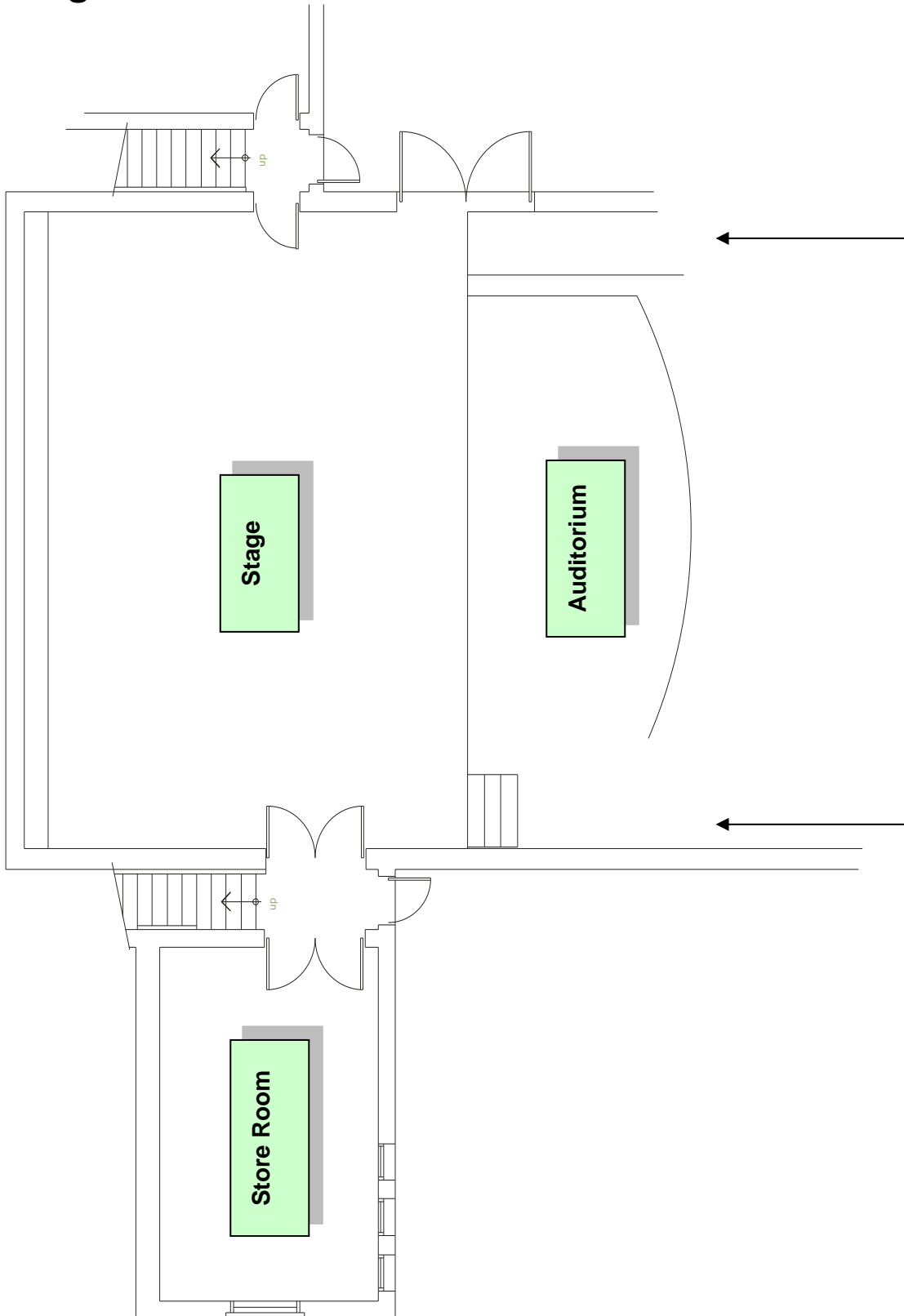
### **Dedicated Audio Sockets – 10 amp**

- 8 x In control room
- 4 x On stage
- 2 x On catwalk



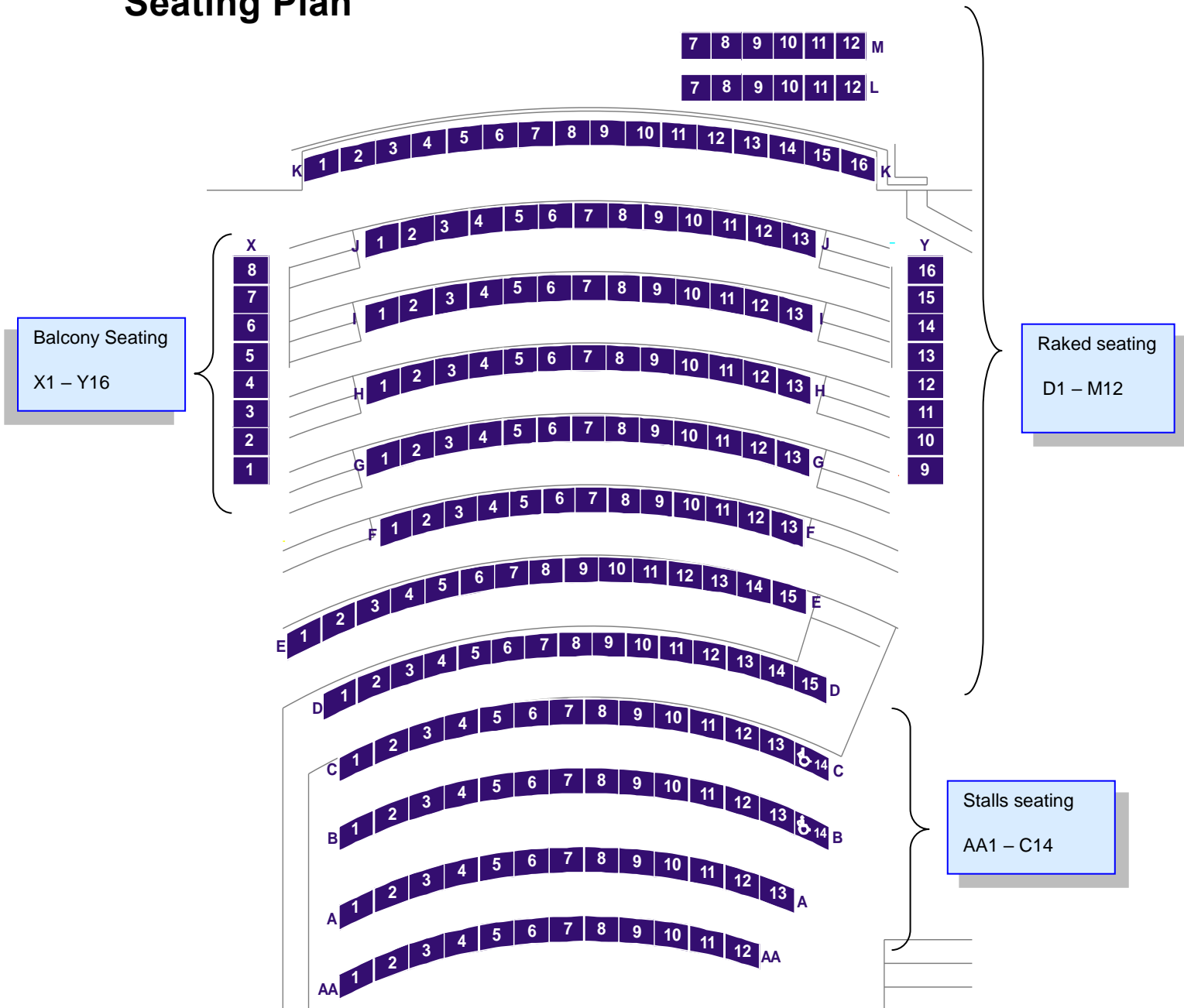


## Stage Plan





# Seating Plan



# STAGE

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