



# WHARF THEATRE DEVIZES

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## Wharf Theatre – Technical Layout

### Background

This document describes the technical layout of the Wharf Theatre Devizes.

### Lighting

#### Control

The stage lighting control is based on 6 Strand Tempus lighting racks (36 channels) and a Zero 88 Jester48 ml lighting desk. The desk can control up to 48 channels through faders and up to 30 fixtures. The manual can be downloaded at - <http://zero88.com/manuals/jesterm1%20manual%203.0.pdf> . The desk supplies a DMX input to a Zero 88 demux 48 unit. This converts the desks DMX signal to analogue control signals to drive the Tempus racks. The DMX addresses are mapped linearly from 1 to 36 to the Tempus racks.

#### Lanterns

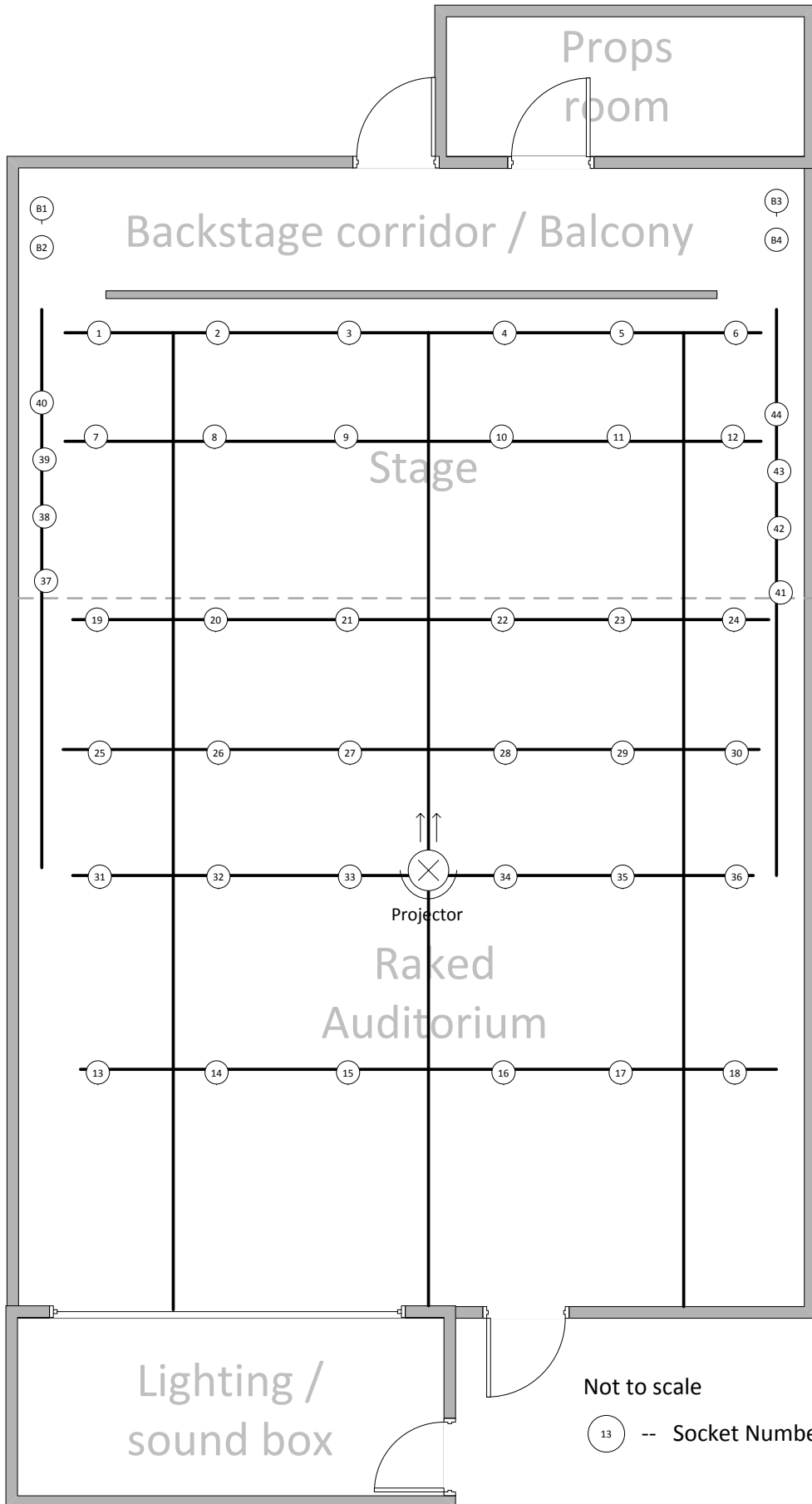
The current lantern stock consists of:

- Qty 2 1kW Selecon Compact Fresnel
- Qty 2 500W Selecon Acclaim Fresnel (mk1)
- Qty 3 500W Selecon Acclaim Fresnel (mk2)
- Qty 13 500W CCT Minuette Fresnel
  
- Qty 2 500W Selecon Acclaim PC (mk1)
  
- Qty 2 500W Selecon Acclaim Zoomspot profile 18 - 34
- Qty 2 500W Selecon Acclaim Zoomspot profile 24 - 44
- Qty 2 500W Strand Prelude profiles (missing shutters - okay for gobos)
- Qty 2 500W CCT Minuette profile (no shutters)
  
- Qty 2 300W Strand Flood
  
- Qty 3 Par 64
- Qty 1 Par 56

The theatre also has a projector for projection on the back wall. This is a number of input sources, please ask for further details. The default input is from a laptop via a VGA cable.

### Rigging Positions

Rigging of lanterns is on an overhead grid of pre-wired lighting bars and supporting scaffold. The layout is shown in the following diagram. A plug patch arrangement allows any socket to be connected to any of the dimmer channels.



## Sound

### Control

The theatre's sound system comprises a Behringer PMP4000 powered mixing desk (16-channel mixer with 8 mono and 4 stereo channels) connected to a pair of Tannoy Front of House (FOH) speakers. This supports various input sources such as laptops, musical instruments and microphones.

### Sources

In-house input sources are a CD player and a desktop computer running CSC Show control software, version 3.3. Manuals are available at:

<http://www.ctrelectronics.co.uk/pdfs/CSC3-Quick-Start.pdf>

<http://www.ctrelectronics.co.uk/pdfs/CSC3-User-Guide.pdf>

CSC uses a series of supplied audio files (.wav or .mp3 preferred) for show playback. The computer system runs Windows 10. A welcome message can be provided.

The theatre has two hand held microphones with stands.

## Effects and Props

The theatre has the following effects for hire.

- Qty 2 Chauvet DJ shadow 3 UV panels (DMX or preset control)
- Qty 1 Smoke machine (DMX, manual or remote control)
- Qty 1 Bubble machine
- Qty 1 Mirror ball

## Monitoring and Communications

The theatre has a show and camera relay system that provides real time audio and video of the stage area to backstage areas and the control room.

The theatre also has a hard wired headset communications system between the control box and the props room.

## Hearing Loop

The theatre has a hearing loop installed in the auditorium.