

# Meet Your Maker

By Alethea Beetson

## Technical Specifications

for Underground Theatre as part of Brisbane Festival 2024

### COMPANY/CREW

- 1 X Performer/Director/Writer *Alethea Beetson*
- 1 X SM/Qlab Machine Operator
- 1 X Assistant Stage Manager
  
- 1 X Lighting Designer (Bump in only) *Sidney Younger*
- 1 X Sound Designer (Bump in only) *Brady Watkins*
- 1 X Vision Designer (Bump in only) *Ken Weston*
- 1 X Set Designer/installer (bump in only) *Rozina Sulliman*
- 1 X Choreographer *Katina Olsen*
- 1 X Costume Designer *Neta-Rie Mabo*
- 2 X Film Producers *Kerinne Jenkins & Kerrod Meredith-Creed*
  - + Creative team during rehearsals

### Other Crew

- 4 X Builders from *A Noble Event* Set Fabricators (as outlined in the Production Schedule)
- 2 X Technicians from *Twisted Pair* (as per production schedule)

### Brisbane Powerhouse to Provide

- 1 X Audio Operator
- 1 X LX Operator
- Venue Lighting, Audio, Vision and Mechanists as per bump in schedule
- FOH Staff to Suit
- Access to Dressing Room for 1 performer
- Access to Laundry facilities
- Access to stage prior to show time with adequate performer warm up time
- Wired comms between SM and Operators + set side of stage for ASM
- SM/Qlab Operator to sit at Ops position

# STAGE/SET

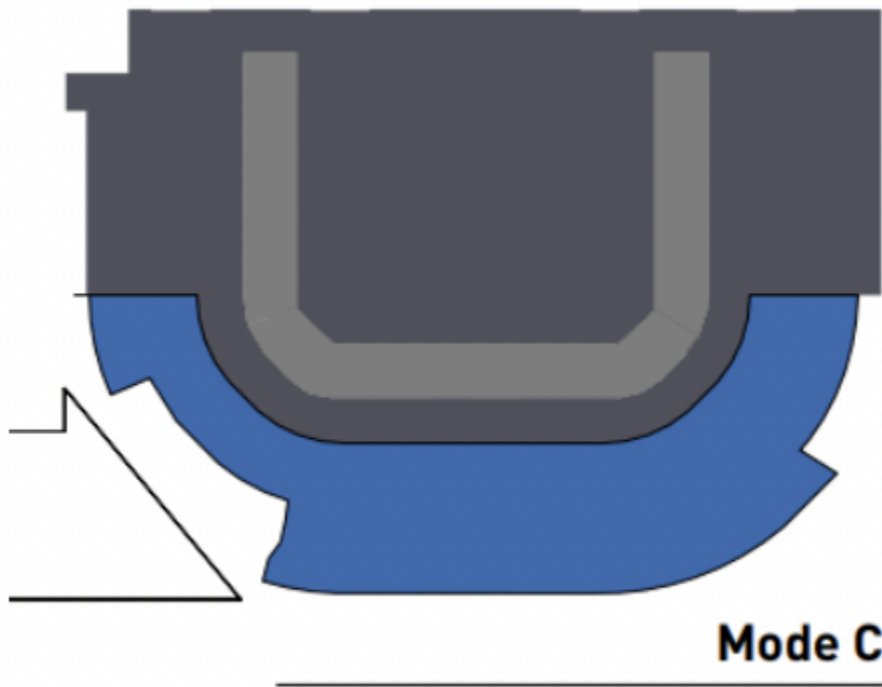
## Venue Layout

As per BPH Underground Venue Tech Specs for 3.4, Mode C

*"In mode C, the sunken pit is completely covered and the side banks are removed. This results in a larger stage space of up to 12m x 8.25m (W x L).*

*Row A – D: 105*

*Total Capacity 105"*



## Flooring

- 8M deep by 9.8M wide white low shine tarkett, corners masked with black tape to create trapezoid downstage edge (*White Dance Floor loaned by Brisbane Festival*)
- Sits under set and screen elements



Above: July 2024 Model Box  
Below: August 2024 Underground Theatre

## Drapes

- Single line of drapes to cover upstage line - as per Underground Theatre Specifications (with 6 splits)
- Splits required to access USL, USR and and centre split to access staircase to top of the box

## Structure

### [Link to All Set Plans](#)

#### Drawing 2 : SR Upstage Box Unit

- 1.8MW x 2.4MH
- These are 3 flats braced from behind

#### Drawing 3: SR Piano Box Unit\*

- To house this Piano ([link to specs](#))
- On castors, to be wheeled downstage by performer
- Cupboard with shelves provide storage space for battery packs with a hole for cable access

#### Electrical Component\*

This unit is wireless and will require a suitable battery + charging unit to power the keyboard. *(loaned by Brisbane Festival for premiere)*

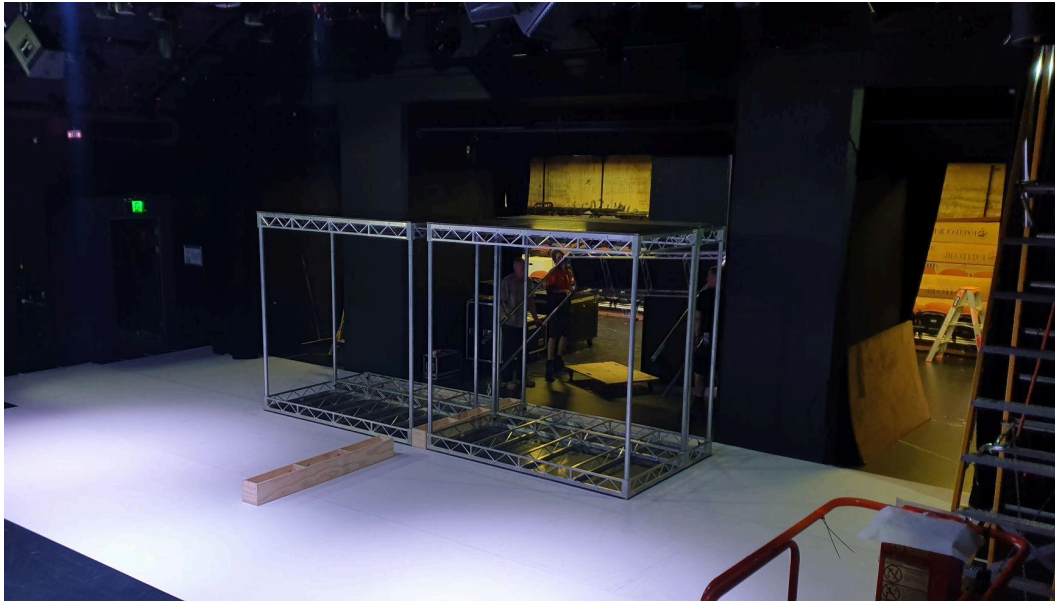
- 12V Battery
- DC/AC Converter
- Battery Charger
- *The plug connector that we created for this is stored with other electrical items for the show, this has the Roland Piano Plug end, with a wiring harness with spade terminals for 2 X 12V batteries in parallel*

### [Link to component drawing](#)



#### Drawing 4: LED Wall Boxed Look Platform & Staircase

- To sit over LED screen (5MW x 2MH x 1.8MD)
- Performer to stand on top of
- Access is via a staircase between the upstage drapeline (refer to floor plan)
- All external cladding to sit flush in line with edge of LED surface.



Top Box structure provided by A Noble Event for 2024 premiere



Alethea singing *Nothin' But a Diamond* on top of Box Unit 2024 premiere

### Drawing 5: SL Phone Booth Box Unit

- External dimensions are 1.8MW x 2.4MH
- Internal dimensions of ANE box is 1650mm deep, 1710mm wide, 2230mm high
- Mirror finish on all internal faces
- DS surface is a wooden frame with a projection screen stapled over.
  - *This surface falls down during the show via a hidden latch pin that is pulled out by ASM with a rope that goes over and behind the box.*
- LED Neon Flex Strip lighting in all interior corners\*
- Hole located on floor in USL corner of box for cable and smoke access

### Lighting Component\*

All top and bottom interior lengths/corners.

Neon Flex, DMX control and 8mm channeling for fixing to wall is loaned by Bris Fest  
Smoke machine to pump in smoke via a tube



*Phone Box from Preview - note all edges had not been completed yet*

### Drawing 6: SL Downstage Box Unit

- Performer to pick this box up and stand on it
- 600mm w x 600mm x d 500mm h



### Drawing 7: 400 Stage Step Platform

- 5M wide x 400mmH x 900mmD
- Megadeck with external facade/cladding

### Drawing 8: 200 Stage Step Platform

- 5M wide x 200mmH x 300mmD
- Megadeck with external facade/cladding
- A small lid was created on the SL end of this step with a cavity beneath used as a prop hide onstage.

### Drawing 9: Top Box Units

- 2 X 1m Units
- 1 X 2m Units

Designed to be moved, we set stationary on top of box on DSL edge.

### Notes about Set items

The following items are currently stored with ANE as constructed units:

- SR Piano Box Unit (on castors)
- SL Downstage Box Unit
- Top Box Units

The following items were hired through ANE, however all facade cladding has been removed and stored with the set:

- LED Wall Box Look Platform and Staircase (megadeck)
- 400 Stage Step platform (megadeck)
- 200 Stage step platform (megadeck)

The following items have been stored as flats with the rest of the set and can be reassembled:

- SR Upstage Box Unit
- SL Downstage Box Unit/Phone Box (with mirror panels)

# VISION

## Vision Surface 1

LED Screen 5m x 2m @ 2.9P (1680 x 672px)

- LED Screen Control System Rack
- NOVASTAR VX1000 Video Processor & Controller (accessory)
- HDMI/SDI Adaptors with input at show machine position
- 30M SDI Cable for Qlab operation from the FOH ops position

## Vision Surface 2

- 1.8M wide x 2.4M high projection surface with front projection onto the exterior front facade of the Telephone Box Set Piece. White Lycra stapled onto a wooden frame.
- Panasonic PT – RZ670 Projector 6000 lumen as per venue specs
- .8 lens for short throw
- HDMI input at show machine/operating position
- Ideally projector is rigged overhead angled downwards with a short throw lens, open to discussion with venue. See [Draft Plan](#) for reference.
- Outside 1020mm L/R of the image throw will not contain video content, this will be edited into the show files, however ideally the outside edges of the lens are physically masked as well. See [Draft Plan Front View](#) for further reference.

## Show Control

- Qlab5 with audio and vision license
- [Requires Macbook Pro, Mini or Studio](#) with the follow processors (or higher\*);
  - M1 Pro, M2 Pro, or M3 Pro Processor
- \*need to be able to run 2 external displays
- USB audio interface capable of creating 6 output channels (or 4 channel unit and appropriate DI's and adaptors to send 2 channels from the Mac).
- Appropriate cables and docks to create 2 HDMI outputs

## Company To Provide

- LED Screen/Labour to Install (*provided by Twisted Pair for premiere*)
- Second Vision (projector) surface (*stored with set items*)



#### Venue to Provide

- Projector, hanging bracket and cables to suit
- Show Machine with Qlab5 with audio, vision license.

#### Additional Hires

- .8 short throw lens to suit

# AUDIO

*A copy of the 2024 premiere Qlab file with video and network lighting cues was saved to a hard drive - owned by Company*

## Venue to Provide

- 1 X Handheld Wireless Mic + back up Backstage
- 1 X Wireless headset Mic - DPA style will suit (*TBC if this is BPH or external hire*)
- 1 X Wireless unit for [Keys #1](#) - housed in onstage moving Piano Box
- 1 X Wireless unit for Keytar (*not used for premiere*)
- 2 X Pickup mics in the roof for audience ambience (to feed into Alethea's ears)
- 1 X Round Based Mic Stand
- Dante Network for audio streaming
- 1 X Wireless innear monitoring system for Alethea.

## Speaker System and Foldback

- Stereo sound system capable of providing even and undistorted coverage to all seats, with subs. Proposed placement plan noted in the plan below.
- 2 X speakers to feed an audience cheering soundtrack into the audience, preferably above the audience
- A seperate speaker to hide in the set onstage for the audio coming from the radio (prop)  
*Placed underneath the 400 stage step platform SR. This can be a standard foldback speaker.*
- No further foldback

[LX plan with Sound Overlay from Audio Designer](#)

## Company to Provide

- Keyboard 1 - [Roland FP-30X Digital Piano](#) + stool

# LIGHTING

[Meet Your Maker LX Plan for Underground Theatre. Brisbane Powerhouse](#)

*A copy of the 2024 ETC lighting show file was saved on a hard drive with the Qlab file - owned by Company.*

## Fixtures (Provided by Brisbane Powerhouse)

- 4 x Chauvet Ovation CYC 1 FC
- 6 x Chauvet Ovation F-415 FC
- 12 x ETC ColorSource Spot Jr
- 15 x ETC Source 4 Jr Zoom
- 8 x ACME Aurora
- 4 x Clay Paky Mini-B
- 4 x Clay Paky Axcor Spot 300
- 2 x Iris

## Atmospherics

- Look Solutions Unique 2.1
- Smoke Machine with tubing into USL corner of Phone Box Unit

## External Hires

- 4 x ETC Lustr S2 Profile 36deg
- 12 x GLP Impression X4
- 12 x Martin Mac Aura

The use of 4 vertical booms will be required at the stage space either side of the set (8 in total). Lamps heights at both 300mm and 1200mm on all booms. These are located against the wall of the venue to allow for audience path.

Network connection is required between the Qlab machine and the lighting console.

## Provided by Brisbane Festival (loaned)

### Set LX

- RGB Neon Flex inside the Telephone Box + drivers
  - These were configured into 4 “C” shapes to cover top, bottom and side covers
  - 2 X lengths at 5530mm to cover side “C”s
  - 2 X lengths at 5650mm to cover the US/DS “C”s.

These lengths can be reconfigured in any way, limited control is required (2 channels of DMX) Enough tail must be left on the neon flex to feed back to the USL hole.

### Wireless DMX costume lighting fixture "Glowing Heart"

- 4 x Rechargeable batteries or [1 X 11.1V 2200MAH lithium battery](#)
- RC4 Magic Series 2 , 2 channel DMX dimmer (warm/cool)
- Glowing Heart Prop - Silicon and 2 strip LED fixture sewn directly onto base costume.  
*This item and it's prototypes belongs to the show and are stored with other electrical items.*
- Battery charger with deans connector

[Link to component configuration](#)

*Fixture was created by Nick at Designed Lighting & Automation*

# COSTUME

Provided By Company

Costumes are a series of shoes and jackets changed over a base bodysuit/corset costume. A quick change area is required backstage with chairs either side of stage.



Back of Costume used for premiere 2024 (*note both pocket and belt pack options provided*)