

# *Sundial Theatre Main Auditorium Tech Spec*

We are currently updating our space, so elements of our set-up are subject to change. Therefore, the specification below contains the permanent fixtures and equipment in use within the theatre.

If you require any more information, please contact Jacob Gregory at [Jacob.Gregory@cirencester.ac.uk](mailto:Jacob.Gregory@cirencester.ac.uk)

## ***Control/Playback:***

- 1 Chamsys MagicQ MaxiWing connected to Stone PC tower
- 1 Behringer X32 Compact
- 1 Macbook with QLab
- 2 Behringer S16 Digital Multicore Stagebox (Permanently in SR Rack)

## ***Speakers:***

- 4 Martin Audio Blackline F15 400W Speaker (1 Left, 1 Right and 2 Centre Fill)
- 2 Martin Audio Blackline S15 750W Sub
- 6 the box MA120 MKII Active Monitor 4 JBL Control One Pro (150W) Sound Reinforcement Speaker

The above makes up our main PA which is permanently rigged and ready for every event.

## ***Audio Equipment/Microphones:***

- 4 LD Systems LDI Active
- 3 DI Box
- 2 AKG D112 MkII Kick Drum Mic
- 3 Sennheiser e604 with MZH 604 Drum Click-On Mount
- 3 Audio-Technica AT835b Lo-Z Condenser Mic
- 5 SHURE SM58
- 1 AKG D 68 S SM58
- 5 SHURE SM57
- 4 RODE NT5
- 4 Behringer C-2
- 2 AKG C1000S
- 1 Sennheiser ew300G3 True Diversity Receiver
- 1 Sennheiser ASA 214
- 4 Sennheiser ewG4 Receivers
- 4 Sennheiser SK300 G3 Bodypack Transmitter
- 2 Sennheiser SK100 G4 Wireless Handheld Transmitter

We currently have no stage feed into the dressing rooms. This can be organised if required.

## ***Rigged Fixtures:***

Various Strand Lighting Cantana F Generic, Starlette 1000w Gx9.5 Fresnel, Nova Fresnels and Strand Lighting 1200W Gx9.5 Pebble Convex. These make up our frontlight.

- 9 LEDJ House Lights
- 4 Martin Rush MH2 LEDPAR Moving Heads
- 2 Elation PlatinumSpot 15R Pro Moving Heads
- 34 Stairville Outdoor StagePAR Pro 12x8W QCL 180W LED Pars
- 1 SELECON Pacific Profile Followspot (Can be manned with extra staffing. Please contact the Lead Technician to arrange this)

***Fixtures available to be rigged if required:***

8 Showtec Sunstrip Active 750W

9 Miscellaneous 600-650W GY9.5 Profiles

We also have a collection of generics (mainly fresnels, pebble convex and parcans) which can be rigged if required.

***Projection:***

6Mx3.5M Standing Projection Screen

Currently, we do not have any means of stage projection, but can offer this service through hiring the necessary equipment externally. For more information contact either the Theatre Manager or Lead Technician.

***Stage Effects:***

1 LeMaitre MVS Haze Machine

1 ChauvetDJ Hurricane 1600 220VH1600 Smoke Machine

1 Elumen Windstorm

3 Discoballs

6 10kg Stageweights

Gels are available on request.

***Cable:***

Assorted 13A Power Drops (Various Lengths)

Assorted 15A Extension (Various Lengths)

Assorted 16A Conversions and Cabling (Various Lengths)

32A Cable

63A Cable

Assorted 3 Pin XLR (Various Lengths)

Assorted 3/5 Pin DMX XLR (Various Lengths)

Assorted Cat-5 (Various Lengths)

Assorted 6.3mm Stereo Jacks (Various Lengths)

Assorted 3.5mm Jack to XLR Assorted IEC Kettle (13A, 15A, 16A, Various Lengths)

SpeakON and PowerCON

Assorted VGA, HDMI, DVI-I and DVI-D Cable (Various Lengths)

***Hardware:***

Safety Chains

Short, Medium and Long Fabric Slings

Small and Large Shackles

Assorted Ratchet Straps

Assortment of Presscock Parallel Half Couplers

Assortment of Truss Half Couplers

Small and Large G Clamps

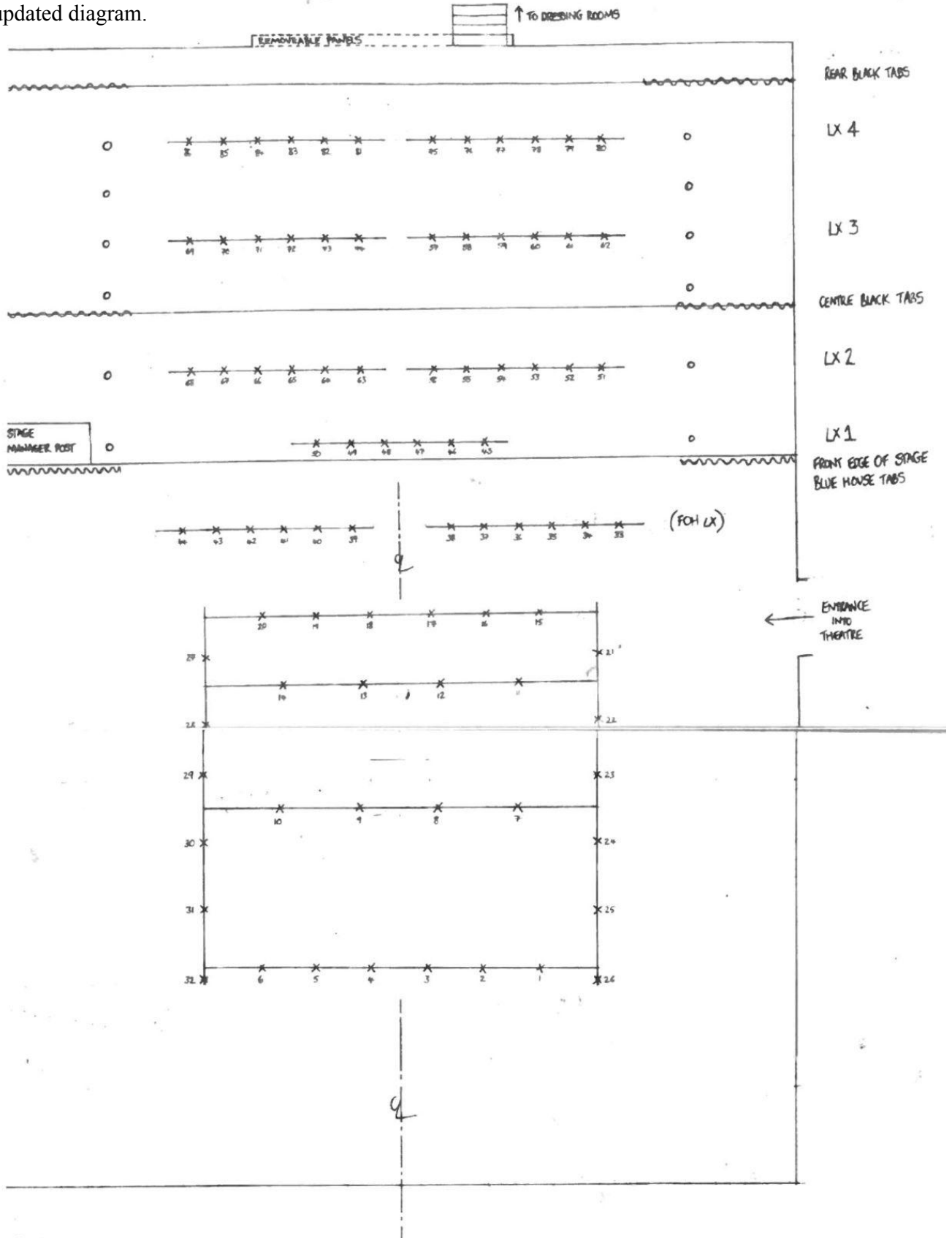
Omega Clamps

Boom Stand

Bases with Arms and Poles.

**Stage Plan:**

Below is an old 1:50 truss plan and stage plot which gives an idea of our main space. We are currently in the process of creating an updated diagram.



PRODUCTION:	
DATE:	SCALE - 1:50
LX DESIGN:	Sol
CONTACT NO:	

KEY FOR LAYOUT PLAN:	
~~~~~	= BLACK CURTAIN TABS
* * *	= LX BAR SOCKET POSITION
o	= SCAFFOLD VERTICAL BOOM

### ***Sundial Theatre Stage & Auditorium Dimensions.***

Our proscenium style theatre has a raised, smooth, black floor. Some dance companies find the surface suitable for dance whilst others prefer to bring their own dance floor. This can be set-up by our team if supplied before the event.

#### **Stage**

Stage Height (Stage Floor to Truss)	3.92m
Usable Stage Depth (Front Apron Edge to Rear Tabs)	7.23m
Full Stage Depth (Front Apron Edge to Back Wall)	10.18m
Full Stage Width (Including SL Wing and SR Wing)	14.9m
Stage Width (Excluding SL Wing and SR Wing)	9m
SL Wing Width	1.7m
SR Wing Width	3m
NoMans Length (Area between Stage and Rake)	4m
NoMans Width	14.9m

#### **Auditorium**

Seating capacity	202 (262 with Extended Seating)
Auditorium Full Length	14.4m
Auditorium Full Width	14.9m
Auditorium Height (Floor to Truss)	4.85m
Rake Length	8.25m
Rake Width	11.9m
Rake Degree Slope	10 Degrees
Tech Booth Length	1.8m
Tech Booth Width	7.7m

The Tech Booth is only accessible by a fixed metal ladder.

For pictures of the venue, please visit: <https://www.sundial-theatre.co.uk/gallery/theatre-gallery/>