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Appendix B: Technical Specifications.

Tristan Bates Theatre Technical Specification

Usual Theatre Configuration

End on. Seating bank is raked. Chairs are moveable, but seating bank, (the steel deck chairs are placed upon) is movable subject to the surcharge described in Appendix C.

Audience Capacity

Standard configuration 59
Licensed capacity 70
Fully Air Conditioned

Dressing Rooms:

3 available,
One small with wash basin, also lockable.
One medium with wash basin, toilet and shower (cold water only)
One Large with, wash basin and toilet, also lockable.

Stage Dimensions

Width: 6m 40 / 21ø
Depth: 6m 80 / 20ø2øø
Floor must not be drilled or nailed into.

Height

Floor to main grid: 3m 52
Floor to extended grid: 3m 35 lowest point
Floor to Air Con unit: 3m 40
Floor to ceiling: 3m 80

Max Grid Weight

No documentation exists. The grid can easily support many lanterns and cloths, but please inform the Theatre Manager if any additional lights, or moving lights are being brought in for a show.

Fire Escape Door

The fire escape door by the tech box (which can be accessed from Tower Street) can be opened to $\frac{3}{4}$ height of the rig.

Lighting

Please note: There is a current lighting plan attached: unfortunately it doesn't include the additional scaffolding bars rigged SR and SL which extend the mounting positions on the rig considerably. Channels 22-24 are located in the dressing room corridor. A new, more accurate plan will be available shortly.

Dimmable Channels

24 hardwired, no hard patch facility, soft patch on desk.

All channels are paired i.e. there are 48 Sockets but 24 channels

Dimmer Type

Strand LD90 Digital Dimmers

Max Load

100 Amp (3 Phase)

Lighting Desk

Strand 300

Programme desk

Programmable for either submaster, or cues on -GO operation

Contact for further details

Lanterns

575w Source 4 Jr Zoom X 8

GF, GH, SC, SB

575w Source 4 36° X 1

GF, GH, SC, SB

575w Source 4 50° X1

GF, GH, SC, SB

Strand Quartet profiles 15/25° X2

GF, GH, SC, SB

650w Strand Fresnels X 12

GF, BD, SC

650w Strand Prelude Fresnel X 1

GF, BD, SC

1200w Cantata Fresnels X 4

GF, BD, SC

500w Cudas X 5

SC, GF

CCT Minuette TT Fixed Beam Profiles (500W) X 3

GF, SC, SB, GH x1

Parcanø (Par64) X 6

GF, SC, BD

(Please check in advance for CP bulb stock)

TRS Extension Cable

GF: Gel Frame .SC: Safety Chain. BD: Barn Door. SB: Shutter Blades. GH: Gobo Holder

Sound Equipment

Sound Desk

Soundcraft EPM 8

2 Aux Channels

Speakers

X2 Panasonic Ramsa. Model No: WS A - 80E

Power Capacity: 160 Watts

Impedance: 8 ohms

Amp

PV 900

X1

Sony CD Player: CDP - 711E

X 1

Sony CD: CDPX 6 E570

X1

Sony Minidisc Player: MDS E55. Has Auto pause function

X2

Please ensure disk content is **not** recorded in **Long Play (LP)** mode. The player will not be able to read it.

Other Equipment

13A Extension Cables

Stage Weights X 2

Ladders

X1 Extendable Zarges, 5m Unextended

X1 5 rung A frame

Scaffold

We have some off-cut scaff in the building. There are seven pieces at the following lengths: 3.4m, 0.8m, 0.85m, 3.3m, 3.0m, 3.48m, 3.35m.

Noise Restrictions

Following a hearing with Camden Council in January 1998, amendments were made to the Entertainment License, which limits the amount of noise the Tristan Bates Theatre is able to make.

With a result we have had special equipment installed which will monitor the level of noise, our particular problem is the lower bass and the equipment has been modified to mostly monitor these frequencies.

This will not affect the general running of the shows in the theatre. The only time you may experience any interference with your sound is if the level of the bass is above 83 decibels. The equipment will automatically limit the level of bass frequency and the sound may appear slightly muffled. This muffled sound will continue until you lower the levels of the Masters on the sound desk. If the bass in the music naturally reduces, the limiting equipment will automatically switch off. Should you raise the levels of the sound desk during his time the music will not get any louder.

There is also another device, which monitors the level of ambient noise in the theatre. This is via a microphone and is plugged into a *sentry* device which has a bargraph, this lights up as more noise is made. These are standard in many pubs and clubs in London. Ours has been modified so that it **will not cut off the power** but it is important that the levels are continually checked to ensure we are complying with the regulations. It is normal for a show to reach 5 lighted bars and this is well below the limits.

No show can take place in the Tristan Bates Theatre without this equipment being switched on, and the microphone being placed outside the window.

It is also important to note that no acoustic drums or pianos can be used during a performance in the theatre. Any other equipment such as electric guitars or keyboards have to run through our sound desk so that the instruments are monitored.

Should you have any queries please speak to the Theatre Manager.