**STAG THEATRE**

**Technical Specifications and General Constraints**

**General Constraints**

The Stag Community Arts Centre functions as an excellent value, low hire charge venue in line with its objectives of serving both its community as well as that of professional hirers.

One way of maintaining a low-cost base is to control the amount of technical input hours per show to an economic level in line with an all-in single hire charge. We are always pleased to discuss other requirements for which we would be happy to provide estimates on a time and materials basis. The notes below hope to convey why we think our approach meets Hirers’ needs for a low-cost venue.

|  |  |
| --- | --- |
| **Operations Meeting** | We aim to completely understand the needs of our hirers and with this in mind we hold a pre-performance operations meeting to discuss all administrative, front of house and technical requirements of your show. This is most usefully done at The Stag but we can arrange a tele-conference call with you and your technical staff if that is more suitable for you. |
| **Lighting** | A comprehensive fixed rig is offered, designed to meet the needs of most hirers (based on our experience of their requirements). Minor alterations to this rig to meet specific requirements are possible and are done on the day of the performance. Any changes to any of the fixed house fixtures will need to be returned at the end of the booking.We prefer not to make major alterations to the rig but are happy to do so where the complexity of your show may demand it. These changes need to be discussed in detail in advance of the performance date. If alterations are agreed, a condition will be that the rig is returned to the fixed design. In the event that the rig is not returned to the fixed design a re-focussing charge will be made. |
| **Sound** | We have an in house PA system installed in 2015 which has been tuned to the auditorium. It is controlled by an Behringer X32 digital sound desk with two S16 Stage boxes. The system includes mid-auditorium flown delay speakers, two under-stage subs and four front fill speakers.  |
| **Sets** | We aim to accommodate most hirer set requirements provided that we believe they meet sensible health and safety criteria – we do not want anyone exposed to undue risk on our premises and we believe that hirers will understand our position.We want to work cooperatively with hirers, so any hirer who feels that their set requirements may be in some way innovative or pushing the boundaries is encouraged to discuss their plans at the earliest opportunity and particularly in detail at the operations meeting. |
| **Pyros/Strobes/Special Effects/Other Potentially Dangerous Performance Elements** | We want to accommodate as wide a range of technical innovation as possible within the bounds of normal regard for the safety of audience, performers and our staff. We are happy to discuss any such performance elements with hirers at the earliest possible opportunity. All such performance elements will be subject to individual risk assessment (please email operations@stagsevenoaks.co.uk for a risk assessment template) and may only be included in performances with express permission of The Stag management and under the control of an ASP qualified technician. |

**Main Theatre**

**Stage dimensions**

* Effective acting area 10.4m wide x 12m deep
* SR wall to SL wall 18.25m
* Front of apron to rear hemp bar 12.0m
* Width of proscenium 10.45m
* Depth of apron to below pros 2.1m
* Back dock 11.5m wide x 8m deep (quarter depth occupied by bleachers)
* Dock Doors USR wall from lorry lift 2.09m wide x 1.80m high

**Grid**

* Grid height downstage 5.95m dropping quite suddenly to 5.20m at the hemp bars
* LX Advance Bars 1 – 4 FOH Electric winch bars 250Kg SWL
* LX 1 first above the pros. Electric winch bar 250Kg SWL
* LX 2 – 8 - Hand winch bars 250Kg SWL
* Hemps 1 – 3: At rear of stage; lift cloths + track only

Principle diagrams are given in pp2-6 below.

**Track**

* One full length halls T60 with runners. (Fixed DS)
* One full length halls T60 with runners. (Moveable)
* One full length Triple-E Erail with runners. (Moveable)

**Masking**

* Six 5.2m x 2m black legs
* Various serge black legs and cloths

**Tabs**

* Pale blue house tabs operated by electric winch in SL wing.
* Variable speed; full open to full close over the range 6-64 seconds.
* Midstage shiny blue tabs – 6.0m upstage from pros. Operated by hand pulley in SR wing

 OR: (Midstage red tabs - 6.0m upstage from pros. Operated by hand pulley in SR wing.

 Available to be installed from storage on request (\*)

* Midstage serge black tabs – 5.5m upstage from pros. Operated by hand pulley in SR wing

(\*) Additional set up cost. The red and blue mid tabs operate on the same track

**Orchestra Pit DSC**

Needs four people minimum to remove lid. **This must include at least one member of venue staff**. Others may be provided by the hirer but for safety, personnel must be acceptable to the venue. Extra personnel can be provided by the venue at additional cost.









**Backstage Facilities**

**Main Theatre**

**Dressing Rooms**

The Stag has eight dressing rooms, five principal and three group:

Stage Level SR

* SR1 – Capacity: 4 incl. shower, sink and toilet
* SR2 – Capacity: 4 incl. shower, sink and toilet

Stage Level SL

* SL1 – Capacity: 4 Incl. shower and sink. Toilet Adjacent
* SL2 – Capacity: 4 Incl. shower and sink. Toilet Adjacent
* SL3 – Capacity: 2

Basement

* The Crown– Capacity: 30, toilets M/F adjacent
* The Majestic – Capacity: 30, toilets M/F adjacent
* The Palace – Capacity: 20, toilets M/F adjacent

**Lighting**

* ETC ION XE20 Console (2 Universes of DMX)

Additional LX Equipment

* 2 x Teclumen Arena 1200 MSR follow spot each with colour magazine

 (operators provided at additional charge)

* 1 x 75cm Mirror ball and DMX rotator
* Chauvet Eco Hazer (\*)
* JEM Magnum Pro 2000 DMX controlled smoke (\*)
* 2 x 5m x 6m RGB DMX Controlled Starcloths (\*)
* 4 x DMX Controlled Cold Spark Fountains (\*)
* 2 x Bubble Machines (\*)
* 1 x ADJ DMX Snow Machine (\*)
* Moving Lights (\*\*)
* 8 x Showtec Octostrip MKii battens (\*\*)

(\*) Additional charge

(\*\*) Additional charge and subject to availability

**Heavy Mains Panel (DSL)**

* 1 x 63A 3 Phase
* 2 x 63A 1 Phase
* 3 x 32A 1 Phase
* 6 x 16A 1 Phase

**Sound**

* Fixed Stereo rig balanced for the auditorium:
* EV ELX115P Tops
* EV ELX118P Subs
* Delay monitors: 4 x Brooke INH10
* Stage monitors: 2 x RCF (Flown on LX1)
* Extra Monitors 2 x EV ELX112
* 5 Spare amp channels at 500W each (4 x Speakon Patch to stage 2 x SL, 2 x SR)
* Behringer X32 with 2 X S16 Stageboxes
* 3.5mm jack in (AUX lead For iPods & laptops etc.)

**Microphones**

* 4 x Shure SM58
* 1 x Shure PG48
* 7 x Shure SM57
* 3 x Beyerdynamic Vocal Mic
* 2 x AKG C3000
* 1 x AKG D310
* 1 x AKG C747
* 1 x Crown LM300A
* 2 x Opus 51
* 8 x Samson C02
* 1 x Shure Beta 57a
* 1 x Shure PG81
* 1 x Rode NTG2
* 4 x T.Bone MB85 Beta
* 1 x Sennhieser Drum Mic Set
* 7 x Single channel DI box

**Wireless microphones (Additional cost)**

* Sennheiser XSW 12-B beltpack and lapel microphone (channel 606.900MHz)
* Sennheiser XSW 35-B hand held microphone (channel 606.500MHz)
* Sennheiser Wireless Combi kit Lapel/HH
* Up to 20 ways of Sennheiser EW-DX Dante – 20 beltpacks/4 Handhelds (subject to availability)

Extra microphones (wired or wireless) can be provided at additional charge

**Additional sound equipment**

* 29 x RAT Illuminated music stand
* 1 x RAT Illuminated conductor’s stand
* 8 x boom microphone stands
* Portable mains / battery operated mono PA system including microphone

Ideal for rehearsals or speeches (additional charge)

* 3 channel input:
	+ XLR
	+ ¼” socket
	+ L/R phono

**Miscellaneous Kit**

**Risers**

* 12 @ 2m x 1m Aluminium framed,
* 2 @ 1m x 1m Aluminium framed
* 12 legs @ 80cm
* 12 legs @ 60cm
* 24 legs @ 40cm
* 24 legs @ 20cm

**Pianos**

* Korg SP-250 electric piano (\*)
* Full range 88 weighted action keys.
* Built in metronome plus reverb and chorus effects.
* Built in speakers for rehearsal use.
* External speaker for other use.

(\*) Additional charge

**Other**

* 8 X Hollyland Solidcom C1 Pro Headsets
* 1 x Hollyland Solidcom C1 Pro Basestation (with additional wired headset)
* Prompt desk
* backstage paging facility through the show relay
* monitors showing full stage / pit (MD) / auditorium
* Show relay in all dressing rooms and at stage door
* Work trestle tables available
* 70 Red Opus Musician orchestra chairs
* 40 General use folding chairs

**Patch**

* 6 x Ethercon – Op position > Orchestra Pit Patch
* 1 x Ethercon – Op position > DSL
* 4 x Ethercon – DSL > Orchestra Pit Patch
* 1 x Ethercon – DSL > Orchestra Pit Patch
* 4 x Ethercon – DSR > Orchestra Pit Patch