

Stag Community Arts Centre

Stag Theatre Technical Specifications and General Constraints

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Technical Specifications

Main Theatre

Stage dimensions

Effective acting area 10.4m w x 14m d
SR wall to SL wall 18.5m
Front of apron to rear hemp bar 14.0m
Width of proscenium 10.4m
Depth of apron below pros 2. 1m
Back dock 11.0mw x 7.5m d (half depth occupied by bleachers)

Grid

Grid height downstage 5.95m sloping to 5.20m at the hemp bars
LX 1 – 4 FOH Electric winch bars
LX 5 first above the pros. Electric winch bar
LX 6 – 13 Hand winch bars SWL 500Kg
Hemps 1 – 3 At rear of stage; only able to lift cloths + track

Track

Two full length Triple E Unitracks with runners.
One midstage track LX
One Backstage track Hemp 1

Masking

Eight 6m x 1.5 m black serge flats
Six 5.2m x 2m black legs
Two Full width borders, One pleated
One Full width/full height gauze
Various serge black legs and cloths

Tabs

Pale blue House Tabs Operated by hand winch in SR wing (heavy)

Midstage red tabs – 6.0m above pros. Operated by hand pulley in SR wing
Midstage black tabs – 5.5m above pros. Operated by hand pulley in SR wing

Orchestra Pit DSC

Needs four people minimum to remove lid

Backstage Facilities

Dressing Rooms

Stage Level SR

Capacity: 4 incl. Shower and toilet

Capacity: 4 incl. Shower and toilet

Stage Level SL

Capacity: 4 Incl. Shower, Toilet Adjacent

Capacity: 4 Incl. Shower, Toilet Adjacent

Mezzanine Level Stage Right (Carlton Dressing Room)

Capacity: 30, Toilets M/F Adjacent

Basement

Capacity: 30, Toilets M/F Adjacent

Capacity: 30, Toilets M/F Adjacent

Capacity: 20, Toilets M/F Adjacent

Lighting

Arri Focus Lighting Desk

Strand 300 Lighting desk , 144 ways of dimming

Standard house rig,

Additional LX Kit

2x Selecon Arena 1200 MSR follow spot and colour magazine.

A large selection of gobos.

Atomic DMX Strobe.

Patt 252 Effects Projector.

Cadenza Effects Projector.

Cloud disks x 2

Snow disks x 2

Mirror ball and rotator.

Battery operated flicker candles x 4

Green Fuzz light

Multi-coloured rope light.

Jem Magnum Pro 2000 smoke machine

Bubble machine

RAT Illuminated music stand

RAT Illuminated conductors stand

Carousel slide projector and remote

2x Freestanding 2m boom

Bench base stand x 3

300mm D-rig boom arms x 6

Standard boom arms -Various

Sound

Fixed mono rig tuned to the theatre space

Allen & Heath GL3800 sound desk; 32 input channels

650W @ 4 ohms per channel amp driving FOH speaker pair

650W @ 4 ohms per channel amp driving the Bass fill speaker pair

500W per channel amps 1 and 2 driving the onstage wedges

500W per channel amps 3 and 4

Rave ME15 graphic equaliser

DoD SR231 graphic equaliser

Ultradrive Pro DCX296 speaker management system

Behringer graphic equaliser

Sampson CR3X VHF receiver splitter for 4 radio mics (not connected)

BSS Frequency Dividing System 360

Multicom PRO-XL signal processor MDX-4600.

D-Two Reverb unit

Midi Reverb unit

Denon CD Player with A-space and remote

Tascam MD350 minidisk player with A-pause and remote

Tascam CD-A700 CD player/cassette player and remote

Microphones

2 x Beyer Dynamic omni-directionals

4 x AKG C3000 cardoid/hyper-cardoid mic

1 x Shure SM57 unidirectionals

2 x Shure SM58 vocal mics

Miscellaneous Kit

Risers

6 @ 2m x 1m Aluminium framed, black plywood topped riser decks
2 @ 1m x 1m Aluminium framed, black plywood topped riser decks
8 sets @ 30cm legs
8 sets @ 90cm legs

Pianos

Baby Grand Main stage
Baby Grand Studio
Upright Pit
Upright Main bar

6 Trestle tables
30 Green Orchestra chairs
100 Black interlocking chairs with padded seats and backs
2.5m x 1.5m production desk for the auditorium.

Other

microphone stands, Various
Cue light system
Comms System
Prompt desk
 backstage paging facility
 Cue light control
 Comms
 monitors showing full stage
Show relay
2 x DI box

Plaza Suite Stock List

Sound

CD and minidisk player
8 channel Soundcraft sound desk
4 x wall-mounted speakers for FOH or performance sound

Lighting

Strand 300 lighting desk
4 x floor power feeds: 13 amp = double socket in each, 15 amp = 6 channels in each
16x Berkey's
4x Minuette's
2x Leko's
2x Cantata's
Powered DMX points on rig

General Constraints

Stag Community Arts Centre functions as a low cost, low hire charge venue in line with its objectives of serving community needs as well as those 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 hire charges. 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.

Lighting : A fixed rig is offered, designed to meet the needs of most hirers (based on our experience of their requirements). A pdf file showing the rig is available on request from technical@stagsevenoaks.co.uk. Minor alterations to this rig to meet specific requirements are possible without charge, provided sufficient notice is given.

We prefer not to make major alterations to the rig but would discuss all requirements fully, ideally at a Technical Meeting arranged well in advance of the performance date. If major alterations are agreed, a condition will be that the Hirer returns the rig to the fixed design. In the event that the rig is not returned to the fixed design a re-fixing charge may be made.

Sound : Early in 2009 our sound system was reviewed by a qualified and experienced professional sound engineer and many hours spent under his guidance setting the system up to meet the sound needs of most hirers.

A fixed Mono system is offered which has been tuned to the wide, but not very deep auditorium. Whilst we are pleased to discuss alternatives with potential Hirers, we believe that the sound system provides a good aural experience for audiences.

We prefer that Hirers do not change the Sound System settings – it took a big investment of time to set it up in our preferred way initially. If we agree to changes in the set-up it will be on the understanding that the system will be returned to its current state after the performance. In the event that this is not achieved we reserve the right to make a re-setting charge.

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 empathise with this position.

We want to work cooperatively with Hirers, so if 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.

**Pyros/Strobe/
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 technical@stagsevenoaks.co.uk for a Risk Assessment template) and may only be included in performances with express permission of Stag management

All potential hirers are invited to discuss their specific needs with Stag management at the earliest possible opportunity so that we can work in partnership with you to ensure the most satisfying performance period for Hirers and their audiences.