

Theatre Technical Specifications Summer 2017

Backstage

2 interconnecting dressing rooms, with shared accessible toilet and shower. Communications to control room and performing area. Tea and coffee making facilities. One iron and ironing board. No washing machine. Backstage crossover corridor. Very limited storage for props or costume in backstage area.

Entry doors to performing area off stage right and off stage left.

Performing area

Durabella sprung plywood timber floor to performing area, painted black.

Performing area is on the flat (no raised stage) and a maximum (to rear and side walls) of 12m wide and 6m deep, with an additional apron extending the performing area towards the audience which is 9.5m wide and 1m deep (note a structural steel post exists 1.2m from SL wall) up to the feet of the audience in the front row.

Height to grid: 5.2m

Full height, openable black drapes at rear of performing area (no crossover) – mat black wall behind, with numerous stage boxes, power outlets and stored items revealed if opened.

Full height, swivel-mounted legs to create wing space stage right and stage left.

With back drapes and side legs in use, the performing area is 9m wide and 6.3m deep, up to the feet of the audience in the front row.

Black Harlequin Dance floor sufficient to cover performing area available on request.

If a stage is required, we have the following Alustage units, with one foot high legs and handrail, if needed: 10No 2m x 1m, 3No 1m x 1m, 2No 2m x 1m right angled triangular RH, 2No 2m x 1m right angled triangular LH.

One 7m three section steel ladder and one single width scaffold tower max working height 5.7m available for access to grid.

Sound

Sound and lighting are both controlled from the control room at the rear of the auditorium.

Soundcraft Si Impact digital mixing console: 32 mono channels, 4-band EQ (parametric, HF and LF can switch to shelving), variable hi-pass filter, compressor and gate on every channel. 4 built-in Lexicon stereo effect processors. 14 additional assignable balanced outputs (all switchable pre/post-fade), 30-band graphic EQ, 4-band parametric EQ, compressor and gate available on every output. Remote control possible via iPad (not supplied).

<http://www.soundcraft.com/en-US/products/si-impact>

Standard front-of-house sound system comprises of 2 Turbosound NuQ 15 speakers flown from the grid. This is fed by a Turbosound LMS-D24 system controller and Behringer 31-band dual channel graphic equaliser, and powered by a MC2 T45 power amplifier.

Also 4 mobile Turbosound NuQ 15 speakers which can be used as stage monitors, spot speakers or fills where required. These can be powered by a second MC2 T45 amplifier and a Yamaha P4500 amplifier. We also have 2 Fortissimo 15A active 600W subwoofers.

Further sound equipment comprises of:

Tascam CD160 CD Player

Tascam MD301 MK II Minidisc Player

3x Shure SM57 dynamic microphones
3x Shure SM58 dynamic microphones
4x active DI boxes
4x passive DI boxes
8x Microphone Stands (7 Tall, 1 Short)

Stage boxes are located at the USR, DSR, USL and DSL corners of the performing area. Each has 12x XLR sends from stage to the control room, 4x XLR returns and 2x Speakon feeds. The control room features a flexible patching system.

Lighting

Zero 88 Leap Frog 48 channel lighting desk (updated to Zero 88 Solution console specification)
48 channels of Zero 88 Betapack 3 dimmers (located in stage store area SR)
Flexible patching system

Grid comprises 10No 10m internally wired bars, with 15A sockets at 1m intervals. 2No 6m internally wired side bars available on request to suspend from edge of main grid, SR and SL. Side bars are height adjustable (minimum height 2.8m) and have 8No 15A sockets each.

Socket boxes, each with 6No 15A sockets located on back wall SR and SL and sides DSR & L.

Lantern stock comprises:

10No Thomas Par-64 (1000W)
13No Minuette Fresnels 18-57 (650W c/w Barn Doors)
4No Minuette Pebble Convex (650W c/w Barn Doors)
4No CCT Starlette Fresnels (1000W c/w Barn Doors)
2No Minuette profile 35°-42° (650W)
3No Minuette profile 17°-36° (650W)
1No CCT Minuette fixed profile (650W)
6No Minuette Cyc Floods (500W)
2No Strand Pat 127
4No CCT Sil 30
10No Junior Source 4s 25°-50° (575W)
3No CCT Silhouette Profiles (1000W)
10No Spectral M1500 LED (set as 7-channel: dimmer, red/green/blue/white, zoom/reset)
2No Lanta Fireball Meteor LED battens (set as 3-channel red/green/blue)
1No Antari Z350 DMX hazer (2-channel: haze and fan)

*Please note that not all fixtures are always in service and if you require particular fixtures please check on availability at least a month in advance.

Projection

Ceiling mounted Hitachi CP X615 data projector (4000 lumens), with Wahlberg DMX controlled shutter, remote controlled from control room with portable 8ft x 6ft screen which can be either floor-standing or flown from rig.

Christie CP2000S cinema projector with Dolby sound system and drop-down 7m x 3m screen for film screenings (our own projectionist must be used to run this equipment). The cinema screen cannot be used in live shows.

Communications

Relay microphone mounted in the grid feeds a show relay to a speaker station in each dressing room.

Audio/video distribution to other rooms (dressing rooms, community room/workshop if hired) available on request.

2xTecPro beltpacks and headsets are available for stage communications. These are fed from a power supply situated in the control room. Communications points are situated in the control room, USR, DSR, USL and DSL corners of the stage, and in both dressing rooms.

The auditorium is wi-fi enabled (ask for password) and has an induction loop fitted.