



## Technical Specification

Chequer Mead is a purpose built, 320 seat theatre with half-height flying system, 2 dressing rooms, scene dock, fixed orchestra pit, lighting box and a in-auditorium FOH sound position.

### Stage

|                 |  |
|-----------------|--|
| Proscenium Arch | 8.87m wide, 5.30m high                       |
| Stage           | 9.8m deep                                    |
|                 | 6.7m deep (to house tabs)                    |
|                 | 3.1m deep (house tabs to front of the stage) |
|                 | 11.45m wide (wing to wing)                   |
| Apron           | 10.75m wide                                  |
|                 | Tapering to 4.8m                             |
| Crossover (US)  | 0.9m   |
| Wing Space      | > 1m   |
| Stage Height    | 8.1m (to underside of the fly grid)          |
|                 | 6m (to underside of the fly floor)           |
| Dock Doors      | 2.55m wide, 2.75m high. Road level           |

We ask that you seek permission before screwing into the deck, walls or any fixtures and scenery belonging to the theatre.

The prompt desk is situated SR (opposite prompt).

### Flying

Chequer Mead has a half-height flying facility on standard hemp lines. There is no counter-weight facility. LX bars operate from the fly floor on a manual winch.

|                |   |  |
|----------------|---|--|
| Hemp Bars      | 7 | 10.96m wide                                    |
|                |   | 50mm pipe                                      |
|                |   | 4 lines (shorts, mid shorts, mid longs, longs) |
|                |   | 100kg SWL, evenly distributed                  |
| LX Bars        | 3 | Winched  |
|                |   | ~ 11m wide                                     |
|                |   | 50mm pipe                                      |
|                |   | Suspended on ladder truss                      |
|                |   | 16-way IWBs (patchable on the fly floor)       |
|                |   | 500kg SWL, evenly distributed                  |
|                |   | 4 lines (steel cable)                          |
|                |   | LX bars are for lighting equipment only        |
| House Tabs Bar | 1 | Winched  |
|                |   | 500kg SWL, evenly distributed                  |
|                |   | 4 lines (steel cable)                          |
|                |   | Track with rope pulley system, operated DSR    |
|                |   | This bar may not be moved or modified          |
| Fixed Bars     | 2 | Upstage of LX1 and Cyclorama bar               |
|                |   | These bars may not be moved or modified        |

**Chequer Mead**, De La Warr Road, East Grinstead, West Sussex, RH19 3BS.

Administration T: 01342 325577 Box Office: 01342 302000

Email: [info@chequermead.org.uk](mailto:info@chequermead.org.uk)

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|              |   |   |
|--------------|---|---|
| Swipe Tracks | 1 | Uses bobbins, may be hung on any hemp bar |
|--------------|---|---|

Please note: we do not have a safety curtain.

### Cloths, Masking and Cyclorama

Please note: positions listed are standard house rig positions. Should the black tabs be required to be moved, 4 people are required to safely lift the tabs.

|                 |   |  |
|-----------------|---|--|
| House Tabs      | 1 | Royal Blue velour, fixed                               |
|                 |   | Track with rope pulley system, operated DSR            |
|                 |   | Flown on house tabs winch                              |
| House Border    | 1 | Black wool serge, fixed                                |
| Masking Borders | 3 | Black wool serge                                       |
|                 |   | 1 static, on bar 3, 2 on hemp bars 7 and 11            |
| Masking Legs    | 3 | (Pairs) Black wool serge                               |
|                 |   | 1 pair static, on bar 3, 2 pairs on hemp bars 7 and 11 |
| Hard Masking    | 2 | (Pairs) Covered with black wool serge                  |
|                 |   | 1 pair (mid stage) ~ 1.6 x 5m                          |
|                 |   | 1 pair (upstage) ~ 2 x 5m                              |
| Cyclorama (CYC) | 1 | Bleached white cotton canvas                           |
|                 |   | Flown on bar 15, static/fixed                          |
| Black Tabs      | 1 | Black wool serge                                       |
|                 |   | Track with rope pulley system, operated MSR            |
|                 |   | Flown on bar 4   |
| Star Cloth      | 1 | Black wool serge pea light star cloth                  |
|                 |   | 8 strings (8 DMX channels)                             |
|                 |   | Controller fixed USL                                   |
|                 |   | Hung on swipe-able track in front of the CYC           |
|                 |   | Flown on bar 14. Additional charge                     |

The cyclorama is static and may not be moved, re-hung or adjusted in any way. The star cloth may be used as just a black cloth without incurring a charge.

### Stage Equipment

|               |    |   |
|---------------|----|---|
| Rostra        | 4  | Sico folding rostra (4 x 8 x ~ 1 ft)    |
|               | 4  | Solid hardboard blocks (4 x 4 x ~ 1 ft) |
| Treads        | 6  | Various sizes                           |
| Stage Braces  | 4  | Large                                   |
|               | 12 | Medium                                  |
|               | 6  | Small                                   |
| Stage Weights | 10 | 12.5kg                                  |
| Large Lectern | 1  | Blue to match theatre. With light       |

### Stage Power

|                   |  |
|-------------------|--|
| 13A Circuits      | 2x in each USR, DSR, USL and DSL (Clean)         |
| 13A "Sound Power" | 2x in both DSR and DSL (Dedicated, clean earth). |

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|            |  |
|------------|--|
| 32A Supply | 32A Ceeform. Single. Situated MSR          |
| Scene Dock | 13A power also available in the scene dock |

### Lighting Control

|                  |    |   |
|------------------|----|---|
| Main Control     | 1  | ETC ION (2x20 Faders)   |
|                  |    | 1024 DMX outputs  |
|                  |    | 30 pages of 40 submasters/playbacks   |
|                  |    | Groups, palettes and 2x DMX out. 2x Touchscreens  |
| Backup Control   | 1  | Zero88 Leap Frog 48   |
|                  |    | 2048 DMX channels, 200 moving light fixtures  |
|                  |    | 20 pages of 10 submasters   |
|                  |    | Groups, palettes and 4x DMX out   |
| Dimmers          | 80 | Strand LD90 and Zero88 Chilli Dimmers   |
| Portable Dimmers | 3  | Strand Dim 1. Single followspot/DMX dimmer  |
| Circuits         | 70 | 2.4kw (2x 15A)  |
|                  | 10 | 5kw (2x 15A, 1x 32A Ceeform)  |
|                  | 6  | 2.4k, Independent relay (1x 15A)  |
|                  | 10 | House light circuits<br>(Controllable via DMX or via Strand house light panel [LX position and SR]) |

### Lantern Stock

|                 |    |   |
|-----------------|----|---|
| Strand SL       | 6  | Profile. 15/32°                                 |
| Strand Quartet  | 24 | Profile. 23°                                    |
| Strand Leko     | 2  | Profile. 30°                                    |
| ETC Source 4    | 1  | Profile. 26°                                    |
| ETC Source 4    | 2  | Profile. 19°. Optional followspot handles       |
| Strand Quartet  | 30 | Fresnel (650w) w/ barn doors                    |
| Strand Quartet  | 8  | PC (650w) w/barn doors                          |
| Strand Alto     | 4  | Fresnel (2kw) w/barn doors                      |
| Strand Cantata  | 4  | PC (1kw)  |
| CCT Starlette   | 4  | Fresnel (1kw)                                   |
| Strand Nocturne | 6  | Symmetrical flood (500w)                        |
| Strand CODA 4   | 5  | 4 cell asymmetrical floods (500w)               |
| Par 64          | 20 | CP62 1kw lamps as standard. CP61 also available |
| Par 36          | 4  | Pinspots for Mirror Ball                        |
| Martin Mac 500  | 2  | Moving light (575 MSD). Additional charge       |
| Star Cloth      | 1  | See above. Additional charge                    |

### Lantern Accessories and Stands

|              |   |                 |
|--------------|---|-----------------|
| Gobo Holders | 6 | For Strand SL   |
| All Size B   | 6 | For Source 4    |
|              | 2 | For Strand Leko |

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|                  |   |                                     |
|------------------|---|-------------------------------------|
| Gobo Rotators    | 2 | For Strand SL, Size B               |
| Iris             | 6 | For Strand SL                       |
|                  | 2 | For Source 4                        |
|                  | 2 | For Strand Leko                     |
| Floor "H" Stands | 4 | Suitable for fresnels and parcans   |
| Strand Stands    | 6 | Low profile, spigot/boom arm mounts |
| Lighting Stands  | 2 | Manfrotto. Spigot mount             |

### Sound Mixers

|                                   |   |  |
|-----------------------------------|---|--|
| Allen and Heath GL2800            | 1 | Main house FOH desk. Situated at the back of the auditorium. 32 channels, 8 groups, 10 aux, 4 matrix                               |
| Allen and Heath Mix Wizard 14:4:2 | 1 | Tech box console for use in smaller shows. 14 channels, 4 groups, 6 aux. For use by arrangement with the technical department only |

### Amplification and FOH Processing

|                          |   |                                       |
|--------------------------|---|---------------------------------------|
| Crest 1150               | 1 | Stalls and Circle cover               |
| Crest 1100               | 1 | Powering bass bins                    |
| Crest CA2                | 1 | Center fill (Stalls and Circle cover) |
| Crest VS950              | 1 | Foldback                              |
| Crest VS650              | 1 | Foldback                              |
| Alesis RA300             | 1 | Portable                              |
| Tannoy System Controller | 1 | Across FOH mix, post system EQ        |
| DBX 231 (System EQ)      | 1 | Across FOH mix                        |

### Speakers

|                |   |   |
|----------------|---|---|
| Tannoy I12     | 4 | Stalls and Circle cover (Fixed)                                 |
| Tannoy B400    | 2 | Bass bins (on stage, portable)                                  |
| Tannoy V8      | 3 | Centre Fill (Stalls and Circle cover)                           |
| Tannoy V8      | 2 | On stage monitors, mounted at tab line. Full stage cover. Fixed |
| JBL JRX112     | 2 | Foldback, portable  |
| Yamaha YS212ME | 2 | Foldback, portable  |

### Sound Reproduction

|               |   |   |
|---------------|---|---|
| Denon DN-C640 | 1 | CD Player. Phono and XLR outputs. Mini outboard rack      |
| Tascam CD-160 | 1 | CD Player. Phono outputs. MK II. FOH outboard rack, fixed |

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### Microphones and DIs

|                       |   |  |
|-----------------------|---|--|
| Shure SM58            | 6 | Dynamic, vocal microphone                  |
| Shure SM57            | 4 | Dynamic, instrument microphone             |
| Audio Technica Pro 45 | 3 | Condenser, hanging microphone              |
| Crown PCC160          | 2 | Condenser, boundary microphone             |
| AKG SE300B and CK91   | 2 | Condenser, with shotgun attachment         |
| AKG D3400             | 2 | Dynamic, instrument microphone             |
| Audio Technica AT835b | 2 | Condenser, rifle microphone                |
| Beyer MCE-84          | 4 | Condenser                                  |
| Shure Beta 91         | 1 | Condenser kick drum microphone             |
| Studiospares SD101    | 1 | Dynamic kick drum microphone               |
| Sennheiser 112-G2     | 1 | Radio, lapel microphone. Additional charge |
| EMO DI Box            | 4 | Passive DI box w/ earth lift               |
| Behringer DI100       | 4 | Active DI box w/earth lift                 |

Additional radio mics are available, please enquire to the Technical Manager for further details.

### Outboard

In FOH outboard rack, fixed. Insert and effects looms available.

|               |   |  |
|---------------|---|--|
| Yamaha SPX900 | 2 | Stereo effects processor (Jack TRS) with XLR looms |
| DBX 266XL     | 4 | Compressor/gate (Jack TRS and XLR)                 |
| DBX 231       | 1 | 31 band, dual channel EQ                           |
| Yamaha Q2031  | 1 | 31 band, dual channel EQ                           |
| Yamaha Q1031  | 1 | 31 band, single channel EQ                         |

### Portable PA System

This system incurs an additional charge.

|                            |   |                                       |
|----------------------------|---|---------------------------------------|
| Soundcraft Spirit F1 Mixer | 1 | 10 channels, 3 aux                    |
| Crest CA1 Amp              | 1 | For portable speakers with system     |
| Tannoy V8 Speakers         | 2 | Speaker cables included               |
| Denon CD Player            | 1 | Phono outputs. Connected to the mixer |

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### Comms and Show Relays

|                            |   |
|----------------------------|---|
| Canford Tecpro Cans System | 5x Beltpacks and headsets<br>Our cans system is dual channel, connecting with XLR6  |
| Cue Lights                 | 6 patchable, 4 fixed<br>Controlled from the prompt desk   |
| Backstage Calls            | Serves dressing rooms, tech box and auditorium individually<br>Calls can be made from DSR and the tech box  |
| Performance Telephones     | Telephones that either ring (when whites are on) or flash (when whites are off). Phones are located SR, SL, Fly Floor, Tech Box and the dimmer room |
| Audio Show Relay           | Serves backstage corridors, Dressing Rooms, Tech Booth, Scene Dock and the Dimmer Room  |
| Video Show Relay           | FOH camera serving dressing rooms, prompt desk and tech booth<br>Can also be patched anywhere with a video tie line                                 |

### Additional Equipment

The following equipment is not included as part of your theatre hire. For a quote please contact the technical department.

|                                  |   |   |
|----------------------------------|---|---|
| Mitsubishi XD520U Data Projector | 1 | 3000 Lumens. 2x VGA, composite and S-video inputs   |
| Cinifold Fast Fold Screen        | 1 | 8 x 5 ft, Rear projection screen. Adjustable height   |
| Dalite Screen                    | 2 | 8x 5 ft, front projection screen. 4:3 and 16:9 aspect ratios  |
| Monitors                         | 6 | Various size CRT monitors for show relays and other cameras/video inputs. These are not computer monitors |
| Sony DVPNS400D                   | 1 | DVD player, composite and phono (audio) outputs.  |

Hire of the theatre includes use of one technician, standard lighting rig as listed above and our standard gel stock.

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