



Technical Specification

September 2021

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| Contacts | |
|--|--|
| Technical Manager | Jack Chambers Jack.chambers@inspireall.com 01707 645005 [Ex.1001] |
| Senior Projectionist & Technician | Gary Fisher |
| Apprentice Technician | Matt Chipperfield Josh Hornsey |
| Logistics | |
| Entrance to auditorium from street level, Entrance to stage from Stairs SL or ramp onto stage during show Get-in/out | |
| Stage Door Dimensions: | Height: 2.55m (8'5") Width: 1.18m (3'10") |
| Minimal parking is available in the loading area outside of the stage door. This area must be clear during performances to allow for emergency exits and emergency vehicles. Additional parking is available adjacent to the theatre and in the underground car park beneath the theatre. | |
| Stage Measurements | |
| Upstage Width: | 14.70m (48'2") |
| Downstage Width Min: <i>Proscenium arch in</i> | 8.83m (28'11") |
| Downstage Width Max: <i>Proscenium arch out</i> | 13.13m (43'1") |
| Depth: | 6.35m (20'10") |
| Stage Thrust: <i>When installed</i> | 1.22m (4'0") |
| Proscenium Arch Height: | 4.23m (14'17") |
| Scenery | |
| All scenery should conform to theatre licensing regulations. <i>See conditions of hire: Schedule D: 8,9</i> <i>The theatre's duty technician may fire test any scenery brought in to the theatre. Please speak to technical staff if you have any queries.</i> | |
| Special Effects & Health and Safety | |
| <p>For the use of pyrotechnics, smoke, dry ice, fire arms, strobe or any other special effects, Wyllyotts requires a minimum of 14 days' notice provided to us in writing for your request to be granted.</p> <p>Wyllyotts Theatre requires you to submit all paperwork (including: risk assessment and safe system of work) with notice as stated above. Should you require assistance with this please contact the Technical Manager.</p> <p><i>Wyllyotts Theatre reserves the right to refuse the use of any special effects, rigging, electrical equipment and access equipment should you be unable to provide adequate risk assessment, safe system of work and certificates.)</i></p> | |

Flying Systems

- 11 Hemp Lines operated from Stage Right
SWL of 90kg
Hemp 10 SWL of 125kg
- 4 Pilewind motors for lighting bars
SWL of 500kg
3 Overhead, 1 Front of House
For more information see flying plot.
- 1 Fixed lighting bar front of house (advanced 2)
SWL of 100kg
- 2 Fixed scenery bars over stage
SWL of 100kg
- 6 Fixed horizontal bars running length of wings
Split 3 x SL & 3 x SR
SWL of 100kg
- 10 Fixed vertical bars evenly distributed along auditorium walls
Split 5 x SL & 5 x SR

House Tabs

Wyllyotts' red crushed velvet tabs are motorised and have a variable running speed with a maximum of 9 seconds. They can be operated from the prompt desk, sound control area or the lighting box.
Variable speed control is only adjustable from prompt desk.

Dressing Rooms

| | |
|-----------------|---|
| Dressing Room 1 | Up to 12 people <i>3 hand basins and 7 lit mirrors</i> |
| Dressing Room 2 | Up to 7 people <i>1 hand basin, shower and 4 lit mirrors</i> |
| Dressing Room 3 | Up to 7 people <i>1 hand basin, shower and 4 lit mirrors</i> |
| Gallery | Up to 25 people |

Additional dressing room spaces are available by prior arrangement with the Theatre Management

All dressing rooms have 6' costume rails and 2 safes

Keys are obtainable from the Duty Technician. Loss of keys will be charged to the client.

Communications

Tecpro Intercom System installed with the following positions:

Prompt Desk

Stage Right

Lighting/Projection control room

Sound Control

House Left & Right Followspot Positions

5 x SMH210 Headset

2 x DT109 Headset

5 x DT108 Headset

9 x BP111 Beltpack

3 x ASL Beltpack

| Lighting Equipment | | | |
|--------------------|---|--|--|
| Power | Three Phase 200Amp Supply | | |
| Dimming | Strand WallRack Digital Dimmers providing 96 x 10 _A Circuits LSC E-Pro Digital Dimmers in portable rack providing 24 x 10 _A Circuits via 4 Socapex Out Wyllotts can provide 4 x 20m Socapex cable and 4 x fan out | | |
| Control | ETC Ion Legacy complete with riggers remote and 20 x 20 fader wing | | |
| Distro | 1-6 | FOH Perch SL | |
| | 7-14 | Advanced 2 (paired outer to inner) | |
| | 15-20 | FOH Perch SR | |
| | 21-38 | Advanced 1 (37 & 38 paired at outer) | |
| | 39-40 | Front of stage dip circuits | |
| | 41-56 | LX1 (+ 2 x 16 _A Hard Power) | |
| | 57-72 | LX2 (+ 2 x 16 _A Hard Power) | |
| | 73-88 | LX3 (+ 2 x 16 _A Hard Power) | |
| | 89-96 | Stage dip circuits paired SL & SR | |
| Luminaires | Profiles | 7 | Strand SL 15/32° Profile Spots 575w |
| | | 6 | Strand SL 23/50° Profile Spots 575w |
| | | 6 | Selecon 24/40° Profile Spots 1200w |
| | | 9 | Selecon 18/34° Profile Spots 1200w |
| | | 2 | Source 4 Jnr 50° Profile Spots 575w |
| | Fresnels & PCs | 5 | Selecon Rama PC 1200w |
| | | 4 | Selecon Rama Fresnel 1200w |
| | | 5 | Starlette Fresnel 1000w |
| | | 8 | Strand Patt. 743 Fresnels 1000w |
| | Par Can | 17 | Par 64 1K (Assorted lamps available) |
| | | 12 | Koupo (S4 Par Copies) 575w |
| | | 4 | Par 64 Floorcans |
| | Floods | 15 | Coda 1 500w |
| | Intelligent | 11 | Chauvet Rogue R2 LED Moving Wash |
| | | 5 | ETC Coloursource Cyc Wash |
| | | 4 | Pulse LED Batten* |
| | Followspot | 2 | Robert Juliatt Manon (1200w MS) on RJ leg stands |
| | Additional lighting equipment can be hired by arrangement with the Technical Manager. | | |

| Sound Equipment | | | |
|-----------------|---|--|--|
| Distro | Pared Stage Boxes SL/SR: | | 24 XLR Send 4 XLR Return 4 NL4 Aux |
| | DSC Stage Box: | | 8 XLR Send 4 XLR Return 4 NL4 Aux |
| | Full patching facility as control position | | |
| | Dante 32/16 Digital Snake DSR | | |
| Mixer | Yamaha QL5 <i>Positioned auditorium Right to the rear of raked seating</i> | | |
| Output | FOH Mid/Hi | L&R | 2 x JBL SRX 722 |
| | | C | 1 x JBL SRX 712 |
| | Lo | C | 1 x JBL SRX 728s (Dual 18") |
| | Delay | Mid | 4 x JBL Control 28 (20' from Prosc.) |
| | | Rear | 4 x JBL Control 28 (40' from Prosc.) |
| | Monitoring | 4 x JBL G2 Eon (Active) 5 x Ohm TRS-112 (Passive) | |
| Amplifiers | FOH | 4 x QSC PLX2502 1 x QSC CX4 | |
| | Crossover | DBX Driverack PA | |
| | Foldback | 2 x QSC RMX 750 | |
| Processing | Built in to Yamaha QL5 | | |
| Microphones | 3 x Shure SM58 | | |
| | 3 x Shure SM57 | | |
| | 2 x AKG D 321 | | |
| | 1 x AKG C 568 EB | | |
| | 2 x Shure SMbeta87 | | |
| | 1 x Sennheiser MD 421 | | |
| | 2 x AKG SE300 with CK91 head | | |
| | 3 x Sure SMbeta98 (drum mics) | | |
| | 1 x AKG D112 (kick drum mic) | | |
| DI | 1 x EMO Single DI | | |
| | 2 x Stageline Stereo DI | | |
| | 2 x BSS Single DI | | |
| Playback | 1x Mac Mini - Running Qlab | | |
| | 1 x Tascam MD-CD 1 | | |
| | 1 x Tascam MD301-MKII | | |
| | 1 x American Audio USB Player | | |

| Digital Cinema and Alternative Content | | |
|--|--|---|
| Formats | Dolby Show Server, DCP | |
| | HDMI/Vga – From Anywhere within the theatre | |
| | Live Satellite Streaming | |
| | Blu-ray LG player | |
| Screen | Perlux 180, electrically flown roller screen. See flying plot for location. | |
| Projection | Barco CP2K-15c | |
| | Christie LX700 (7000ansi Lumen) | |
| Sound | Dolby CP650 Processor <i>With:</i> 7.1 Surround from Dolby Show Server 5.1 Surround from Tascam DVD Player Stereo from all other sound sources | |
| Please contact the Technical Department as early in advance as possible if you plan on using our cinema equipment. | | |
| Power | | |
| Single phase, 100amp, Busbar Chamber situated upstage left fitted CEEFORM 30mA RCD (sound phase) | | |
| 1 | 3 phase, 125amp CEEFORM | socket upstage left |
| 8 | 13amp sockets | fitted 30mA RCD, prompt corner (LX phase) |
| 4 | 13amp sockets | fitted 30mA RCD, upstage left wall (sound phase) |
| 4 | 13amp sockets | fitted 30mA RCD, upstage right wall (sound phase) |
| 1 | 16amp sockets | stage right (LX phase) |
| 2 | 13amp sockets | stage right (LX phase) |
| 2 | 13amp sockets | fitted RCD stage front at floor level |
| 2 | 16amp sockets | per stage LX bar |
| Rostra | | |
| 6 | 8' x 4' | Steeldeck |
| 2 | 4' x 4'6" | Steeldeck |
| 2 | 3' | Steeldeck Treads |
| 24" | Legs for all of the above | |
| 48" | Legs for all of the above | |
| 12" | Legs for all of the above | |
| <i>Stage thrust extension comprises of all Steeldeck sections on 48" legs</i> | | |
| Masking | | |
| 3 | Black serge tabs (2 constantly flown upstage & mid-stage) | |
| 3 | Black twill borders 5' (1 Pleated) | |
| 4 | 6' x 18' twill soft legs | |
| 2 | Black twill borders 3' (Stored) | |
| Stage Management | | |
| 25 | Stage Weights | |
| 12 | Stage Braces of assorted lengths | |
| 16 | Boom Arms | |
| 4 | Boom Bases | |

| Additional Equipment | | |
|---|---|--|
| Sound | 2 | Sennheiser Ew300 G1 handheld radio mic set (channel 70) |
| | 4 | Sennheiser G2 lavalier radio mic set (channel 70) |
| | 8 | Sennheiser Ew300 G3 lavalier radio mic sets (channel 41) |
| | 3 | Sennheiser MKH 416 |
| Lighting | 2 | 18" Mirror ball |
| | 2 | Telrad followspot sights |
| | 1 | RGB LED Star cloth 36' x 18' |
| Stage Management | 1 | ASL BlinQ |
| | 1 | Q Light System with 4 outstations |
| Effects | 1 | Haze Base Pro (2ch DMX or stand alone) |
| | 2 | Chauvet DJ Geyser P6 Fog Machine |
| | 1 | Haze Base Battery hazer (hand held haze machine) |
| | 2 | Martin Jem Magnum 1800 smoke machines |
| | 2 | UV Cannons |
| For a quotation on these additional hire items, please contact the Technical Manager. | | |
| Staffing | | |
| <p>Wyllyotts Theatre provides two members of technical staff on site at all times whilst you are occupying the Theatre. They are both there to assist you on the best way to achieve the result you require. They can train any of your technical staff, stage crew or stage management in the correct safety procedures of the theatre.</p> <p>Wyllyotts Theatre can provide additional crew for you, if you require, but this will be at an additional cost. We endeavour to keep these additional costs as low as possible.</p> <p style="text-align: center;">Thank you,</p> <p style="text-align: center;">Jack Chambers Technical Manager</p> | | |