



Technical Specification

March 2021

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Contacts	
Technical Manager	Harry Donohoe harry.donohoe@inspireall.com 01707 645005
Senior Projectionist & Technician	Gary Fisher
Apprentice Technician	Matt Chipperfield Josh Hornsey
Logistics	
Entrance to auditorium from street level	
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:	4.0m (13'0")
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	
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. 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. <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>	

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 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	20	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 Stage Right in the auditorium 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 Ls9		
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	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	
	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)
	1	Haze Base Battery hazer (hand held haze machine)
	2	Martin Jem Magnum 1800 smoke machines
	4	Pulse 1m RGB LED batons
	2	UV Cannons
<p>For a quotation on these additional hire items, please contact the Technical Manager.</p>		
Staffing		
<p>Wyllyotts Theatre provides two members of technical staff on site at all times whilst you are occupying the building. They are both there to advise you on the best or easiest way to achieve the result you require. They can train any of your technical staff, stage crew or stage management in the correct operation of the theatre systems and will be on hand throughout your time with us in case of any problems. They cannot, however, actually design your lighting, sound or staging as they have other work to complete for the theatre. Neither can they actually operate any equipment for you during a performance as they have other duties to perform at that time.</p> <p>Wyllyotts Theatre can provide rigging / operating crew for you, if you require, but this will be at additional cost to your company. Details of current crew costs can be obtained from the Technical Manager. We endeavour to keep these as low as possible for you.</p> <p>Most importantly we promise to work hard to ensure that your event runs as smoothly as possible and you have an enjoyable time in our venue.</p> <p style="text-align: center;">Many Thanks,</p> <p style="text-align: center;">Harry Donohoe Technical Manager</p>		