



# **GROVE THEATRE**

## THEATRE TECH SPECIFICATIONS



## LOAD IN - what3words Location:



sobs.snacks.puddles

Load In Dimensions	Metric	Imperial
External Dock Door Height	3.6m	11' 9"
External Dock Door Width	3.5m	11' 5"
Scene Dock Height	6m	19' 8"
Scene Dock Width	4.3m	14' 1"
Scene Dock Length	8m	26' 3"
Opening between Scene Dock & Stage Height	6m	19' 8"
Opening between Scene Dock & Stage Width	3.5m	11' 5"

**Flat floor load in from service yard to stage. 1 Level up to FOH.**

## STAFF

<b>Technical Manager</b>	Martin Tucker	Mo: 07742 885849	martintucker@everyoneactive.com
<b>Deputy Technical Manager</b>	Lewis Bodnar		lewisbodnar@everyoneactive.com
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## STAGE

Stage Dimensions	Metric	Imperial
Stage Width (Between onstage edge of LX traps)	14.8m	48' 6"
Stage Depth (From setting Line U/S edge of LX traps/ tab line to back wall)	11.5m	37' 8"
Wing SL (From onstage edge of LX traps to wall)	4.6m	15' 1"
Wing SR (From onstage edge of LX traps to Fly cage)	2.8m	9' 2"
Wing Height (stage to underside of Fly Floor walkway)	7.5m	24' 7"
Proscenium Height	8m	26' 3"
Proscenium Width	14m	45' 11"
Tormentor Width (Double section Tormentor per side on sliding rails, D/S LX boom attached to back)	10.5m-14.8m	34' 5" – 48' 7"
<b>Flat stage no rake, birch ply black stage deck overlaid with harlequin dance floor. No fixing to stage permitted.</b>		

## FLYING SYSTEM

Number of Bars	36 + House Tabs (Numbered 1-49)
Length of Bars	14m 0.5m Extensions Available
Bar Centres	200mm
Max Load Per Bar	500kg
Height To Grid	17.9m
Bars 8 & 9 are for the Cinema Screen (Counterweighted run by electric motor from Fly Floor)	
An additional 2 bars are located SL & SR running U/S to D/S for wing masking	
Additional rigging points available over pit & auditorium for advance trusses. Any persons rigging motor points or trusses must be suitably qualified & must be authorised by the technical manager & supplied RAMS prior to commencing any work.	
Please note the Grove Theatre does not have an advanced truss in house.	
Fly Bars Numbered 1-49, please note bars are not installed at all 200mm spacings, some are empty slots, please see separate hanging plot for bar locations.	
<b>Full single purchase counterweight flying system operated from SR. There is no iron/safety curtain.</b>	

## DRAPES AND MASKING

	Qty	Dimensions Width X Drop	Standard Hanging Position
Full Black (Flat no gather, Conduit Bottom Pocket)	1	15m x 8.5m 49' 2" x 27' 11"	BAR 49
Cyclorama (White seamless, Conduit bottom pocket)	1	15m x 8.5m 49' 2" x 27' 11"	BAR 48

## DRAPES AND MASKING

	Qty	Dimensions Width X Drop	Standard Hanging Position
Split Black (Black 50% gather, chain weighted bottom, pulley control SL)	1	14m x 8.5m 45' 11" x 27' 11"	BAR 20 As mid stage split black and legs
Black Borders (Flat no gather, conduit weighted bottom)	6	15m x 4m 49' 2" x 13' 1"	BARS 2, 6, 13, 27, 36, 44
Black Leg Pairs (Flat no gather, chain weighted bottom)	6	Up to 4m x 9m 13' 1" x 29' 6"	BARS 7, 14, 28, 38 2 Sets on Wing Masking Bars
Black Book Flats (Timber frame flat, flat black wool serge, folding pairs with support frames, pairs can be separated)	4	4m x 7m 49' 2" x 22' 12"	

## SPECIAL EFFECTS & HEALTH AND SAFETY

All events must supply risk assessments and method statements for all hazardous activities and equipment at least 28 days prior to the event. All visitors are required to follow health and safety advice and procedures whilst in the venue and service yard, all performers and show staff will be delivered a Health & Safety induction prior to commencing any activity, to be delivered by the Duty Stage Manager for the day.

All special effects must be authorised by the Technical Manager & Venue Manager prior to use. Effects are considered to be any pyrotechnics, smoke, haze, firearms, strobe lighting, bladed articles, special rigging etc. In addition to risk assessments and method statements you may also be asked for copies of any certificates including but not limited to (IPAF, PASMA, etc), PAT Test certificates, LOLER certificates, NRC certificate, Fire Test certificates etc.

**The theatre requires 28 days written notice for permission to use any special effects. We reserve the right to refuse effects, rigging, use of electrical equipment and access equipment if risk assessments, method statements, supporting evidence or certificates are not produced or if sufficient notice is not given.**

## ORCHESTRA PIT / THRUST STAGE

There is a variable sized orchestra pit with a maximum dimension of 11.5m wide x 2.25m front to back Large Pit (Front 3 Rows) or 1.75m front to back Narrow Pit (Front 2 Rows) & 45cm Deep shallow setup or 90cm Deep in lowest position. Please note that at its narrow setup the pit reduces capacity by 44 Seats, and at its largest setup reduces capacity by 66 Seats. Other width options are possible please discuss options with the technical manager at time of booking. The Orchestra pit sits on a mechanical lift which is capable of stage height where the lift forms a thrust stage adding an additional 11.7m Wide x 1.75m stage extension to the front of the stage. Please note treads are not available to and from the stage when the Thrust is in use. Additional staffing charges apply for pit setup and removal after event.

## REAR STALLS CONSOLE POSITION

The control room is situated at the rear of the auditorium, with sliding window, with space for both sound & lighting consoles. Alternatively, we have 2 sized mix options in the rear stalls, standard takes up 13 seats over 2 rows and has a 3ft x 8ft desk spanning the seating rows. Extended/Large format, removes 19 seats and provides a level mix position 3 rows deep, approx. 3m Wide x 2.6m Deep. 3ftx8ft Desk also available or desk rocker. Please ensure this is requested with enough prior notice.

**Multicore Run is 32m from rear stalls position to DSL DSM desk location.**

## STAGE TREADS

Stage Treads are available if requested at time of booking. These are available Stage Right Only and will reduce capacity by 8 seats, end 4 seats of the front 2 rows house left.

## SEATING CAPACITIES

	Theatre Style	Standing
Stalls	320	540 Standing
Rear Stalls	100	100 Seated
Side Stalls Boxes	72	72 Seated
Circle	248	248 Seated
Side Circle Boxes	40	40 Seated
<b>Total</b>	<b>780</b>	<b>1000 Seated</b>

## BACKSTAGE FACILITIES

Location	Capacity (Including Chaperones)	Details
Dressing Room 1	12 Persons	SR Stage Level, Sink, Accessible WC Adjacent
Dressing Room 2	12 Persons	SR Stage Level, Sink, Shower WC Adjacent
Dressing Room 3	12 Persons	SR Stage Level, Full en-suite with WC, Sink, Shower
Dressing Room 4	12 Persons	SR Stage Level, Full en-suite with WC, Sink, Shower
Dressing Room 5	22 Persons	SR 1 <sup>st</sup> Level, Sink, WC's & 1 shower available on this level
Dressing Room 6	22 Persons	SR 1 <sup>st</sup> Level, Sink, WC's & 1 shower available on this level
Wardrobe	4 Persons	SR 1 <sup>st</sup> Level, 2 Washing Machines, 2 Tumble Dryer, Iron, Double Sink
Green Room	40 Persons	SR 2 <sup>nd</sup> Level BOH, Small Kitchenette, Microwave, Sink, Kettle, Toaster.
Function Room	100 Persons Max Dependant on room setup	FOH 2 <sup>nd</sup> Floor, Dance Studio style space, Lockable doors
<p><b>Please ensure you discuss your capacity arrangements at time of booking and ensure rooms required are booked for the event.</b></p>		

## LIGHTING EQUIPMENT

Lighting Control	Qty
GrandMA 2 Lite (Please note Hirers will require an In house LX technician to operate or supervise use of in house console)	1
Sensor 3 Dimmers (Fixed Patch 1-144, Hard Patch 145-192)	192
5kW ETC Sensor+ Dimmer	12
Non Dim Circuits (Currently Powering theatre LED/ Intelligent Rig)	24
Chauvet NETX 2 Art-Net 8 Output Node	1
Chauvet 2x4 or 1x8 Splitter	2
1x12 Splitter	1

## LIGHTING EQUIPMENT

Lighting Control	Qty
2 Way Merger	1

**In house team only to re patch or adjust dimmers/all must be returned to standard setup after event.**

Lighting Fixture Stock	Qty	Standard Rig Position	Included
Thomas PAR 64 1000w CP62,61,60	49	Spare	✓
Selecon Fresnel, with Barndoor 1200w	15	Stage	✓
	6	FOH	✓
	28	Spare	✓
ETC Source Four Profile 15°-30° 750w	8	Spare	✓
	13	Bridge 2 Band Special Fixed Location	✓
	6	x3 Bridge 2 FOH Wash Fixed Location	✓
X3 Bridge 3 FOH Wash Fixed Location			
ETC Colour Source Profile 15°-30° Std Col	6	x3 on Bridge 2 FOH Wash Fixed Location	✓
		x3 on Bridge 3 FOH Wash Fixed Location	
ETC Colour Source Profile 25°-50° Deep Blue	12	Stage	✓
ETC Colour Source JR Zoom Spot 25°-50° Std Col	6	Booms	✓
ETC Colour Source PAR Deep Blue	48	Stage	✓
Chauvet Ovation CYC FC RGBAL	14	X7 CYC LX BAR Top Fixed Location	✓
		X7 ready for floor package	
Chauvet Maverick Force 1 Spot	12	2 Bars of 4 over stage	Hire Charges Apply
		4 for floor package	
Chauvet Maverick Force 2 Profile	4	2 Hung Under Bridge 2	Hire Charges Apply
		2 on Circle front	
Robert Juliat OZ Led Follow Spot	2	Spot Position Fixed Location	Operator Charges
Smoke Factory Tour Hazer 2	2	Stage	Hire Charges Apply
Mirror Ball & Motor	1	Bridge 1 Fixed Location	✓

Additional equipment can be hired if arranged with prior notice, all hired equipment including transport will be recharged.

**All stock subject to availability, please discuss availability & proposed rig plans with technical manager prior to event to ensure achievable, please note certain fixtures have fixed locations.**

## MAINS POWER

Circuit No:	Load	Location
<b>TOURING 125A TPN INCOMING</b> Located USL Scene Dock Approx. 7m to USL Corner	<b>SOUND 63A TPN INCOMING</b> Located DSL Corner	<b>OUTSIDE BROADCAST VEHICLES</b> Located USL Scene Dock Approx. 3.5m to USL Corner
2 × 16A TPN	2 × 16A SPN	6 × 16A SPN
2 × 32A TPN	1 × 32A SPN	1 × 32A SPN
2 × 63A TPN	1 × 63A SPN	3 × 63A SPN
2 × 125A TPN	1 × 63A TPN	2 × 63A TPN

## SOUND EQUIPMENT

PA	Qty		Included
D&B Qi Line Array	1	<p>Split into Upper &amp; Lower Hangs on a sliding frame, array can be slid towards Juliet balconies for touring PA.</p> <p>Per Side - Top Hang 1x QSub 4x Q1 Array</p> <p>Per Side - Bottom Hang 1x QSub 3x Q1 Array 1x Q7 array Bottom of cluster.</p> <p>A D&amp;B B2 Sub per side sit on the DS edges of the stage.</p> <p>Powered by 7x D&amp;B D12 Amplifiers. Left/ right/ Sub/ Front Fill Feeds</p>	✓
D&B Front Fills	6	D&B E0 Powered by 3x EPAC Fill Feed	✓
D&B Balcony Fills	2	D&B E0 Powered by 1x EPAC Fed off L&R	✓
Logic Systems 12" LM12 Monitors	4		✓
Mackie SRM450 Powered Speakers	2		✓
Yamaha LS9 32 Channel Sound Desk	1		✓
<b>Please note hirers will require an in house sound technician to operate or supervise use of in house desk.</b>			
Outboard	Qty		Included
Tascam CD Player	1		Available on prior request ✓
Tascam Mini Disc Player	1		Available on prior request ✓
Microphones	Qty		Included
Sennheiser Wireless Mic	4		2 included 2 hire charges
Shure SM58	6	Wired Mic	✓
Shure SM57	6	Wired Mic	✓
Drum mic Set	1	Imperative Audio x4 Mag7-ST4 x2 Mag7-P2 x1 Mag7-BD1	✓
Sennheiser e912	3	Floor Mics for Tap	✓

## SOUND EQUIPMENT

Microphones	Qty		Included
Rode NTG2	2	Shotgun Mic	✓
Hanging Mic Kit	1		Hire charges apply
Lambden Audio Active DI Box	4		✓
MTR Single Channel DI Box	4		✓
Behringer Dual Channel DI Box	2		✓
Boom Mic Stand	11		✓
Round Base Upright Mic Stand	2		✓
<b>Additional Equipment can be Hired if arranged with prior notice, all hired equipment including transport will be recharged.</b>			

## ADDITIONAL EQUIPMENT

Stage Management	Qty		Included
DSM DESK	1	Built in Comms Station A&B Ring 10 way Cue Light system	✓
		Twin Monitors, Colour relay & infra-Red B&W relay	
		1 Large Colour relay Monitor	
Comms BeltPack & Headset	6	Tecpro Single Earpiece	✓
Remote Cue Lights	9	With standby acknowledge button.	✓
Mac Mini with Qlab4 Audio/Video Spec	1	Located in technical booth	✓
Music	Qty		Included
Yamaha 6ft Baby grand Piano	1		Hire charges apply
Lit RAT Music Stand	18		✓
Lit RAT Conductor Stand	1		✓
Conductor Box	1		✓
Effects	Qty		Included
Le Maitre Mini Mist Smoke Machine	1		Hire Charges Apply
Le Maitre 6/24 Pyro Controller	1		Hire Charges Apply
Fixed Pyro Pods	4		Hire Charges Apply
Angled Pyro Pods	2		Hire Charges Apply
Staging	Qty		Included
Steel deck 8ft x 4ft	14	1ft, 2ft, 3ft, 4ft Legs Available	✓
Steel deck 4ft x 4ft	1	1ft, 2ft, 3ft, 4ft Legs Available	✓
<b>All effects consumables are directly recharged.</b>			