

Tech Specifications



DUNSTABLE | LU5 4GP
BOX OFFICE 01582 60 20 80
WWW.GROVETHEATRE.CO.UK

Managed by SLL in
partnership with Central
Bedfordshire Council





TECH SPECIFICATIONS

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)	10.5 - 14.8m	34' 5" - 48' 7"

FLAT STAGE NO RAKE, BIRCH PLY BLACK STAGE DECK, NO FIXING TO STAGE PERMITTED

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

Flying

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 not all bars are installed, some are empty slots, please see separate hanging plot for bar locations.

FULL SINGLE PURCHASE COUNTERWEIGHT FLYING SYSTEM OPERATED SR. THERE IS NO IRON/ SAFETY CURTAIN

Drapes & 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
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 Border (Flat no gather, conduit weighted bottom)	5	15m x 4m 49' 2" x 13' 1"	BARS 1, 6, 13, 27, 40.
Black Leg Pair (Flat no gather, chain weighted bottom)	5	Up to 4m x 9m 13' 1" x 29' 6"	BARS 7, 28, 44. 2 Sets on Wing Mask- ing 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"	

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
2.5kW ETC Sensor+ Dimmer (Fixed Patch 1-144, Hard Patch 145-192)	192
5kW ETC Sensor+ Dimmer	12
Non Dim Circuits (Currently Powering theatre LED/ Intelligent Rigg)	24
Chauvet NETX 2 Artnet 8 Output Node	1
Chauvet 2x4 or 1x8 Splitter	2
1x12 Splitter	1
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 Rigg Position	Included
Thomas PAR 64 1000w CP62,61,60	70	OH stage & Spare	✓
ETC Source Four Profile 15°-30° 750w	14	Bridge 2 Band Special – Fixed Location	✓
ETC Source Four Profile 15°-30° 750w	6	Bridge 3 FOH Wash – Fixed Location	✓
ETC Colour Source Profile 15°-30° Std Col	6	Bridge 3 FOH Wash – Fixed Location	✓
ETC Source Four Profile 25°-50° 750w	8	Stage	✓
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	✓
Selecon Fresnel, with barndoor 1200w	48	Stage	✓

Chauvet Ovation CYC FC RGBAL	7	CYC LX BAR Top – Fixed Location	✓
Chauvet Ovation CYC FC RGBAL	7		Hire Charges Apply
Chauvet Maverick Force 1 Spot	12	2 Bars of 6 stage	Hire Charges Apply
Chauvet Maverick Force 2 Profile	4	Hung Under Bridge 2 – Fixed Location	Hire Charges Apply
Robert Juliat OZ Led Follow Spot	2	Spot Position – Fixed Location	Operator Charges
Smoke Factory Hazer	1	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 RIGG PLANS WITH TECHNICAL MANAGER PRIOR TO EVENT TO ENSURE ACHIEVABLE. PLEASE NOTE CERTAIN FIXTURES HAVE FIXED LOCATIONS.

Sound Equipment	Qty		Included
PA			
D&B Qj Line Array	1	Split into Upper & Lower Hangs on a sliding frame, array can be easily slid out towards Juliet balcony's out of the way for touring PA. Per Side - Top Hang 1x QSub 4x Q1 Array. Per Side - Bottom Hang 1x QSub 3x Q1 Array 1x Q7 array Bottom of cluster. A D&B B2 Sub per a side sit on the DS edges of the stage. Powered by 7x D&B D12 Amplifiers. Left/ right/ Sub Feed	✓
D&B Front Fills	6	D&B E3 Powered by 3x EPAC Fill Feed	✓ (subject to change)
D&B Balcony Fills	2	D&B E0 Powered by 1x EPAC Fed off L&R	✓
Yamaha LS9 32 Channel Sound Desk	1	Analogue Stage tie lines & stage Boxes. System managed by D&B R1 Software Version3, allows for control of each top and bottom hang along with separate control of front fills and subs.	✓
Logic Systems 12" LM12 Monitors	4	Powered by installed Yamaha Amps	✓
Mackie SRM450 Powered Speakers	2		✓

Outboard

Tascam CD Player	1	✓ Available on Prior Request
Tascam Mini Disc Player	1	✓ Available on Prior Request

Microphones

Sennheiser wireless Mic	1	4x receivers, 4x Handhelds, or 4x Beltpacks	✓ Available on Prior Request
Shure SM58	4	Wired Mic	✓
Shure SM57	4	Wired Mic	✓
AKG D112	1	Kick Drum Mic	✓
Sennheiser e912	3	Floor Mics for Tap	✓
Hanging Mic Kit	1	Wired Hanging choir Mics for reinforcement	✓
MTR Single Channel DI BOX	4		✓
Behringer Dual Channel DI BOX	2		✓
Boom Mic Stand	10		✓

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

PLEASE NOTE HIRERS WILL REQUIRE AN IN HOUSE TECHNICIAN TO OPERATE OR SUPERVISE USE OF IN HOUSE SOUND/LIGHTING DESKS

Power Supplies

Touring 125a TPN Incoming Located USL Scene Dock Approx. 7m to USL Corner	Sound 63A TPN Incoming Located DSL Corner	Outside Broadcast Vehicles Located USL Scene Dock Approx. 3.5m to USL Corner
2 x 16A TPN	2 x 16A SPN	6 x 16A SPN
2 x 32A TPN	1 x 32A SPN	1 x 32A SPN
2 x 63A TPN	1 x 63A SPN	3 x 63A SPN
2 x 125A TPN	1 x 63A TPN	2 x 63A TPN
200A Powerlock		Power available for tour buses in our service yard on prior request

Additional Equipment	Qty		Included
Stage Management			
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	10	Tecpro Single Earpiece	✓
Remote Cue Lights	10	With standby acknowledge button.	✓
Mac Mini with Qlab4 Audio/Video Spec	1	Located in technical booth	✓
Music			
Yamaha 6ft Baby grand Piano	1		Hire Charges Apply
Lit RAT Music Stand	18		✓
Lit RAT Conductor Stand	1		✓
Conductor Box	1		✓
Effects			
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			
Steel deck 8ft x 4ft	18	1ft, 2ft, 3ft, 4ft Legs Available	✓
Steel deck 4ft x 4ft	1	1ft, 2ft, 3ft, 4ft Legs Available	✓

ALL EFFECTS CONSUMABLES ARE DIRECTLY RECHARGED

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.

Orchestra Pit/ Thrust Stage

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 mix options in the rear stalls, standard takes up 13 seats over 2 rows and has a 3ftX8ft 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
Total	780	1000

Backstage Facilities

Location	Capacity	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 1st Level, Sink, WC's & 1 shower available on this level
Dressing Room 6	22 Persons	SR 1st Level, Sink, WC's & 1 shower available on this level
Wardrobe	4 Persons	SR 1st Level, 2 Washing Machines, 2 Tumble Dryer, Iron, Double Sink
Green Room	40 Persons	SR 2nd Level BOH, Small Kitchenette, Microwave, Sink, Kettle, Toaster.
Function Room	100 Persons Max Dependant on room setup.	FOH 2nd Floor, Dance Studio style Space, Lockable Doors

Please ensure you discuss your capacity arrangements at time of booking and ensure rooms required are booked for the event.

Equipment Hire/ Recharges

Equipment	Day Rate	Week Rate
Grand Piano	1 £70.00	N/A
Grand Piano With Tuning	1 £120.00	N/A
4K Cinema Projector	1 £100.00	£400.00
Haze Machine	1 £20.00	£60.00 Inc 1 bottle fluid, additional fluid recharged.



Mini Mist smoke Machine	1	£20.00	£60.00 Inc 1 bottle fluid, additional fluid recharged.
Hanging Microphones set of 4 Pre Wires on Bar	4PK	£20.00	£40.00
Wireless Microphones 2 FOC	4	£10.00	£40.00
Package of 7 LED CYC Lights	7PK	£50.00	£100.00
Chauvet Force 1 Moving Head Spot	12	£50.00 per unit	£120.00 per unit
Chauvet Force 2 Moving Head Profile	4	£50.00 per unit	£120.00 per unit

PLEASE NOTE ALL CONSUMABLES WILL BE DIRECTLY RECHARGED, ALL PRICES SHOWN ARE SUBJECT TO VAT



Contact:

We aim to support with all your technical needs whilst hiring the Grove and endeavour to assist with our creativity and knowledge where required. The team here are on hand to make your event a success and one to remember.

Please contact our technical manager in advance of your event regarding all technical aspects of your event including, availability of any technical stock, stage/ scenery/ rigging plans, Sound requirements & LX plans prior events to ensure all plans will work within the spec of the venue and plans are signed off by the technical manager prior to event.

We can arrange virtual meetings or site visits to see the space first hand and discuss your event with the team here in the venue itself.

Thank you and we look forward to working with you soon!

Technical Manager: Richard Shrubbs | DDI - (01582) 884 182 | Email – richard.shrubbs@sll.co.uk

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 NEEDS 28 DAYS WRITTEN NOTICE FOR PERMISSION TO USE ANY EFFECTS AND 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.