

Hayes Theatre Co.

Technical Specifications

Updated 4/26

Venue Technical Manager:

Sam Ducker

Email: sam@hayestheatre.com.au

Hayes Theatre:

Box Office: 02 8065 7337

Website: www.hayestheatre.com.au

STAGE

Surface:

Weatherex flooring, on constructor flooring, on joists, on parquet, on concrete. Painted in flat black. Screwing into stage surface is permitted but larger holes to be authorised

It is the production's responsibility to re-paint the stage back to black at the end of hire. If the production cannot complete this task, a fee may be charged for the Hayes Theatre to repaint the stage.

Stage distributed load limit	500 kg/m2 (5 Kpa)
Stage rake	No
Depth	8180mm
Width	8190mm

Setting Line:

The Setting Line is the front edge of the seating bank **SL = Setting Line and CL = Centre Line**

SL to rear wall	8180mm
CL to OP wall (or obstruction)	4105mm
CL to PS wall (or obstruction)	4105mm
Stage to underside of bulkheads	3750mm
Stage to underside of grid	3800mm
Stage to ceiling	4140mm

Hanging Plot:

Line #	Distance from SL	Line Type	W.L.L	Venue Allocation	Notes
1	-1090mm	Dead Hung	130kg/m	FOH	
2	-50mm	Dead Hung			
3		Dead Hung			
4		Dead Hung	130kg/m	LX1	
5	1150mm	Dead Hung		FOH Speakers	<i>60mm pipe</i>
6	2160mm	Dead Hung	130kg/m	LX2	
7	2850mm	Dead Hung			
8	3570mm	Dead Hung			
9		Dead Hung			
10	4250mm	Dead Hung	130kg/m	LX3	
11	5650mm	Dead Hung			
12	6370mm	Dead Hung	130kg/m	LX4	
13	7130mm	Dead Hung		Tabs	

W.L.L. Maximum distributed load including bar weight

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We ask that each production be respectful of the space, leave the venue clean, neat and tidy after each rehearsal and performance. If you see anything that needs to be addressed by the staff please notify them of the issue.

Restrictions / Obstructions

Due to council regulations the venue closes at 12am every night without exception. This applies to all venue activity including rehearsals, bump-in, bump-out and performances. Therefore all work must be completed by 11:45pm to ensure that we comply with regulations. There may be

As we are in a residential area, we ask that you be respectful of our neighbours when leaving the building and when using the balcony. Please be aware that due to noise restrictions the balcony should not be in use after 10:30pm. (10pm on Sundays)

As per fire safety and disabled access regulations, **a 1m egress must be available and remain clear for access to both the emergency exit and mid stage OP doors.**

This must be adhered to when sets are being designed.

Exit signage also must be visible to patrons.

We have a height restriction of set pieces and flats of 3600mm.

Attaching fixings to the OP wall is prohibited as there are panes of glass directly behind. Hirers need to provide their own paint wash up facilities and **all** excess paint is to be removed from site on completion of scenic work.

The venue has no storage area so we are unable to hold any materials for hirers so please have a comprehensive bump out plan in place. Please note - Under the seating bank is unavailable for production storage throughout the season.

SEATING

Tiered seating on permanent scaffolding with padded fabric seating.

The first row of seating is at stage level. Access Patrons can enter the first row from the balcony via the stage door located midstage OP.

Seating capacity	111
Rows	A-H
Numbering	1-15 (PS-OP)

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LIGHTING

Positions:

Stage LX Bars See PDF/DWG drawing for details.

Control:

Console ETC Ion XE 2k with Fader Wing
 Control channels 2048 DMX parameters
 Signal output DMX 512/ sACN
 Signal distribution Network switch located in Dimmer Rack.
 10 x Pathport UNO Assigned as standard to universe 1 – 9.
 (Dimmers and FOH on Universe 1)

Dimmer Racks:

Total Dimmers **84**
 Dimmer Locations Dimmers located beneath bio box
 2.4Kw Dimmer Racks 7 x Jands HPC 12x10amp Outlets
 Patch Panel Custom built Socapex to tru-con patch panel in dimmer rack.
 Loose adaptors for ganging.
 Ethernet Patch See PDF/DWG drawing for details on locations
 1Ru patch located in Dimmer Rack
 POE network switch Located in Dimmer Rack

House Lights:

Independent control Yes
 Control positions Bio box
 Fade time adjustable Manual control only

Stage Luminare:

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Acclaim	18/34	Gobo holders	650	4
Selecon	Acclaim	24/44	Gobo holders	650	4
Strand	Leko Ellipsoidal	20		600	4
Altman	Shakespeare	30		600	4
Altman	Shakespeare	40		600	4
Chauvet	Ovation E-910	-	LED	235	12
<i>Chauvet</i>	<i>Ovation Lens</i>	<i>50</i>			12
<i>Chauvet</i>	<i>Ovation Lens</i>	<i>36</i>			6
<i>Chauvet</i>	<i>Ovation Lens</i>	<i>19</i>			2

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Fresnels

Make	Model	Detail / Accessories	Watt	Total
Selecon	Acclaim	Barndoors	650	12
Selecon	Fresnel		1200	2
Selecon	PL1 Fresnel	Barndoors	140	5

PC

Make	Model	Detail / Accessories	Watt	Total
Selecon	Acclaim PC	Barndoors	650	2
Selecon	PC	Barndoors, TV Clamps	1200	5

PAR Cans

Model	Angle	Detail / Accessories	Watt	Total
PAR56			300	8
PAR64	MFL		1000	10

Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Chauvet	R1 Wash	21		120	4
Chauvet	R1x Wash	21		120	7

Additional Electrics

Item	Model	Detail / Accessories	Watt	Total
Mirror Ball	12 inch	1 x motor		2
Hazer	Unique 2.1	Hire fee applies Fluid charged per bottle	1500	1
DMX Splitter	8 way			1
Socapex breakout box	Custom	6 x 10 amp 240v outlet box, Socapex male connector, 2 clamps for mounting on pipe		10

Patching:

For patching locations please ask the Technical Production Manager for the plan.

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Power:

- 3 Phase Outlets (Used by LX dimmers)
- 3 x 32A near sub board under bio box
- 1 x 20A near sub board under bio box

Cabling:

240v Extension Cable:

The theatre has a good stock of short to medium extension leads and power boards.

DMX:

The theatre has a stock of DMX to accommodate the venue's standard lighting rig.

Any fixtures hired in by productions should be supplied with additional DMX and power.

Gel, Filters and Gobos:

Hirers are required to supply their necessary Gel, Filters and Gobos.

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AUDIO

Control Position:

Biobox at rear of stalls

Control & Amplification:

Primary Mixer

Yamaha CL5 Console (v 5.1) – Dante Network
8 local inputs, 8 local outputs, 2 x Yamaha SPW-1 Network switches

Amplifier

Meyer Sound MPS-488HPp – MM4 amplifier

Compression / Limiter / Gates / EQ

Meyer Galileo 616

Speakers:

FOH Speakers

3 x Meyer Sound Ultra X20 (L/R/C) - Permanently rigged on LX5
3 x Meyer Sound UPM-1P (delay/fill) - Permanently rigged over seating bank
2 x Meyer Sound USW-21P Subs - Permanently rigged on LX5
6 x Meyer Sound MM4

Foldback / Sidefill

2 x FBT Jolly 8B

Microphones:

Make	Model	Detail / Accessories	Use	Total
Sennheiser	SKM500		Wireless	4
DPA	6066	Beige and Brown	Headset	12
Countryman	E6 Omni.	Light Beige & Cocoa	Earset	6
Shure	SM58		Wired HH	3
DPA	4099	Various instrument clips	Instrument	5
Shure	KSM137		Condenser	1
Rode	NT5		Condenser	2
Shure	Beta 52A		Kick Drum	1
Shure	SM57		Instrument	3
Rode	Podcaster		Studio	2
Audio Technica	ATM33a		Condenser	1

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Microphone Accessories:

Item	Make / Model	Detail / Accessories	Total
Belt Pack	Sennheiser SK500 G4		16
Receiver	Sennheiser ew500 G4-UHF		16
Antenna	Sennheiser A2003-UHF		2
Antenna Splitter	Sennheiser ASA 1		3
Headband	Countryman	Left and Right	12

Playback:

Item	Make	Model	Detail	Total
Computer	Apple	MacMini	Qlab 5 via DVS 64x64 Control, Monitoring, Recording, Dante Virtual Soundcard	2
Laptop	Apple	MacBook	Stage Tracks, Galileo	1

Accessories:

Item	Model	Detail / Accessories	Total
Microphone stand	Round base		4
Microphone stand	Tripod base	Tall stand with boom arm	8
Microphone stand	Tripod base	Short stand with boom arm	1
Microphone stand	Desk stand		2
DI	Radial ProD2	Passive stereo	2
DI	Radial J48	Active	2
DI	BSS AR133	Active	2
Drum Screen	Gibraltar	Interlockable Plexi, 1700mm x 600mm	10
Digital Recorder	Zoom H6		1

Line Patching:

Location	Quantity	Numbering	Detail
FOH	16		RIO1608 – 16 sends, 8 returns
Band Room	32		RIO3224 – 32 sends, 24 returns

Cabling:

The theatre has a good stock of XLR to accommodate the venue's equipment.

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AUDIO VISUAL

Projectors:

Type	Model	Detail / Accessories	Total
EPSON	EB-4750W	Lens: 1.27-2.59 (wide-tele) Focal Length 16.72mm-33.47mm 3 LCD Chip / 4200 lumen <u>Hire fee applies</u>	1

Accessories:

Item	Model	Detail / Accessories	Total
Douser	City Theatrical	DMX controlled <u>Hire fee applies</u>	1

Screens:

Model	Ratio	Size	Total
Grandview Fast Fold	16:10	158" / 4m (3.4m x 2.2m) <u>Hire fee applies</u>	1
Brateck Tripod	4:3 or 16:9	100" / 2.54m @ 4:3 <u>Hire fee applies</u>	1

AV Playback Equipment:

Item	Model	Detail / Accessories	Total
Apple Computer	Mac Mini	Qlab Pro v5	1

Projector Rigging Points:

FOH above bio box

Audio Visual Notes:

The projector is not suited for short throws.

Cabling:

The theatre has limited stock of AV and ethernet cables and adaptors.

ACCESSIBLE PERFORMANCE

Captioning Abilities:

2 x 50" Screens available for captioning only. Screens are rigged via truss to the side of the auditorium. Captions can only be seen from E Row backwards.

Live Captions are Hirer's expense.

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BACKSTAGE

Stage Managers Desk:

The Stage Manager typically calls the show and operates from the bio box as there is no Stage Manager's desk

Paging / Show relay:

Show relay to the dressing rooms runs to one of the FBT ProMax 12a speakers. Feed via sound mixer.

Stage Monitor:

A camera feed from stage to the band room provides a FOH view of stage for the MD and cast. A camera feed from band room to FOH provides the SM with a view of the MD.

Orchestral:

Item	Model	Detail / Accessories	Total
Upright Piano	Kawai K-800	Relocation and tuning to be arranged prior to use	1
Keyboard	Kawai ES920	https://kawaius.com/product/es920/	1
Keyboard	Kawai ES8	https://kawaius.com/product/es8/	1
In ear Monitoring	Allen & Heath ME-1	Headphones are <u>not</u> supplied. Separate hire fee applies. https://www.allen-heath.com/hardware/me-series/me-1/	6
Music Stands	Various		6
Sconces	BravoPro ML10 LED Orchestra Music Light	12v DC	6

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Main dressing room	14	1	Yes	Stair access only. The toilet is located next to the band room. The shower is located in the disabled toilet at FOH.
Quick Change area/SM office	2	1	Yes	This can be used as a secondary Dressing room or quick change area.

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Laundry / Wardrobe:

Washing Machines	Yes - Front Load
Dryers	Yes - 8kg Condenser dryer
Drying rooms	No
Iron / ironing board	1 x Iron and Ironing board
Washing Basket	2
Clothes racks	2 with pegs
Steamer	2

Production Facilities:

Production Desk	Three production desks are set up in the audience bank.
Production Office	Under the dressing room can be used for the SM office.
Phone/Fax	No
Wifi	Yes

Greenroom:

Tea / Coffee facilities	Yes
Fridge / freezer	Yes
Microwave	Yes
Water Cooler	Yes

Stage Door:

Access is through the main theatre door on Greenknowe Ave.

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