



Studio Theatre

Technical Specifications

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PRESHOW ANNOUNCEMENTS

The Theatre Royal Management Board has a pre-recorded Acknowledgement of Country and FOH Housekeeping announcement that is played prior to all performances in our venues. The announcements are played after the FOH Supervisor provides the stage manager / TR mechanist clearance and the house lights have faded to half. If you believe playing the FOH Housekeeping announcement at this time will affect the artistic integrity of your show, please discuss the timing with the Operations team prior to your bump in.

STAGE

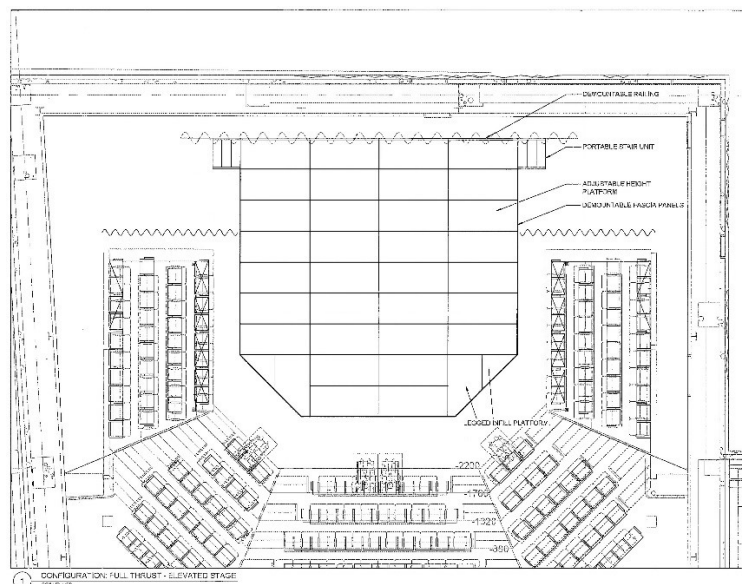
Brief Description:

The Studio Theatre at the Theatre Royal Hobart is a contemporary “black box” style performance venue. Whilst used predominantly for thrust format, studio style, theatrical productions, the space offers a diversity of seating and staging configurations which make it suitable for a wide range of alternative uses.

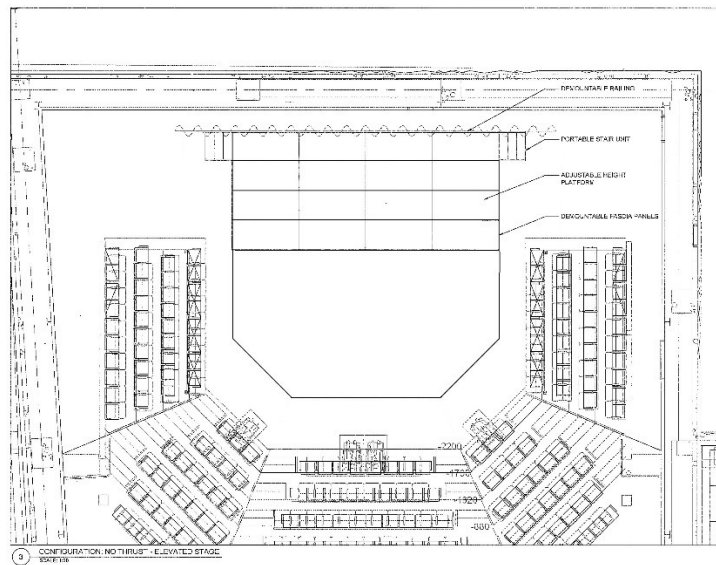
The stage is unraked, with a plywood floor. On the stage area the ability to fix to the floor is limited. Please discuss this with the Theatre Technician.

Some example configurations are shown below:

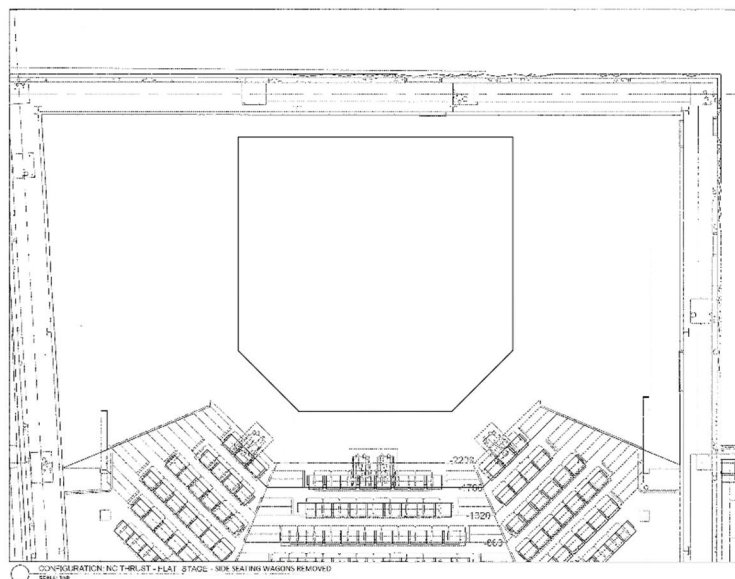
Thrust



Reduced Stage



Front On



Stage Dimensions:**Setting Line**

Downstage edge of the thrust stage.

Thrust Stage

The thrust stage comprises 32 x 1000mm x 2250mm manually adjustable platforms, which can be individually set at pre-set heights of 0, +300, +600 and +1000mm.

If the full thrust is in use, four (4) legged, custom shaped infill platforms are provided to fill the downstage corners (2 per side) with legs to 0, +300, +600 or +1000mm high.

Ability to screw into the floor is limited. Please refer to the Studio Technician before securing any item to the floor.

Width/Depth	9000mm wide x 9030mm deep
Height	Variable from Flat Floor Level (FFL) to FFL +1000mm.
Stage Surface	Plywood
Vertical (Distributed) Load Limit	760 kg/m²
Lateral Load Limit	10% of the maximum Vertical load with the Vertical load imposed simultaneously
Stage concentrated load limit	460 kg (concentrated over an area of 300mm x 300mm limited to the Distributed load)
Stage rake	No

Fascias **Removable fascia panels to cover all sides of risers that are visible to the audience at standard height and stage configurations.**

Quantity	Length
12	1000 mm
4	1410 mm
2	2500 mm
4	2250 mm

Guardrails **Guardrails, 1100 mm high & totalling 9000mm in length, clamped to edge of rostra, are provided to protect the upstage edge of the stage when in a raised position.**

Steps **Two (2) step units 1000mm wide, 300mm deep tread with handrails adjustable for all platform heights (300,600,1000mm). Note two (2) step units total, not per height. Step units are not designed for use between raised stage levels.**

Distance From (SL = Setting Line, CL = Centre Line)

Setting Line	Downstage edge of the thrust stage
SL to first fly line (Line 1)	7450mm
SL to last upstage fly line (Line 5)	9460mm
SL to rear stage	9030mm
Rear Stage to rear wall	0710mm
SL to rear wall	9740mm
SL to US end of Auditorium Acoustic Wing Walls (Stage Left)	0750mm
SL to US end of Auditorium Acoustic Wing Walls (Stage Right)	-0140mm
SL to Front Edge of Centre Seating Bank (Wheelchair in)	1200mm
CL to Onstage edge of Stage Left Seating Wagon (Seat Front)	5330mm
CL to Onstage edge of Stage Left Seating Wagon (inc footroom)	4800mm
CL to Stage Left rear of seating wagon	9020mm
CL to Stage Left Wall (at US end of seating wagon)	9990mm
Upstage end of Stage Left Seating Wagon to rear wall	4280mm
CL to Stage Left Side Wall (at rear wall)	10000mm
CL to Onstage Edge of Stage Right Seating Wagon (Seat Front)	5300mm
CL to Onstage edge of Stage Right Seating Wagon (inc footroom)	4800mm
CL to Stage Right rear of seating wagon	8945mm
CL to Stage Right Side Wall (at US end of seating wagon)	10650mm
Upstage end of Stage Right Seating Wagon to rear wall	4280mm
CL to Stage Right Side Wall (at rear wall)	10950mm
SL to DS edge of tension wire grid	4830mm
SL to US edge of tension wire grid	7330mm
Rear of edge of tension wire grid to rear wall	2410mm
CL to Stage Left edge of tension wire grid	7550mm
CL to Stage Right edge of tension wire grid	7550mm
Stage (FFL) to chain bag (fully retracted)	9680mm
Stage (FFL) to underside of tension wire grid steel	8600mm
Stage (FFL) to tension wire grid	8710mm
Stage (FFL) to upper side of tension grid steel	8750mm
Stage (FFL) to 48mm lighting bars* above tension grid (LX1-13)	9840mm
*Allows for no obstruction to movement of fully retracted chain hoist	
Stage (FFL) to underside of gantry beam for chain motors	10670mm
Stage (FFL) to upperside of gantry beam for chain motors	10870mm

Overhead obstructions

House Lights hanging under grid at every I-beam join. Drop from grid **300mm**

PA system hanging under grid – check lighting plan for positions.

Overhead grid contains I-beams for support at 3000x3000mm, causing obstructions for lighting focus.

Side Masking Traveller Track is permanently suspended from the underside of the technical galleries either side of the stage.

Track extends from rear wall to downstage (PS) **12000mm**

Track extends from rear wall to downstage (OP) **12090mm**

From rear wall, the Stage Left track returns to side wall at **2400mm, 6300mm, 8110mm** and **12090mm**. There is an 850mm onstage return 440mm from the rear wall.

From rear wall, the Stage Right track returns to side wall at **2300mm, 6060mm, 7950mm** and **12000mm**. There is a 750mm onstage return 470mm from the rear wall.

Stage (FFL) to underside of track (Stage Left & Right) **6790mm**

CL to onstage track (Stage Left) **8070mm**

CL to middle track – rear seating bank (Stage Left) **9020mm**

CL to offstage track – rear seating bank (Stage Left) **9190mm**

USL (440mm off rear wall) the track returns onstage: **0850mm**

CL to onstage track (Stage Right) **8350mm**

CL to middle track – rear seating bank (Stage Right) **9075mm**

CL to offstage track – rear seating bank (Stage Right) **9245mm**

USR (470mm off rear wall) the track returns onstage: **0750mm**

Technical galleries present either side of the stage/auditorium:

Stage (FFL) to underside of AC outlets (Stage Left & Right) **7020mm**

Stage (FFL) to underside of walkway steels (Stage Left & Right) **7500mm**

CL to onstage side of walkway (Stage Left) **7960mm**

CL to offstage side of walkway (Stage Left) **9250mm**

CL to onstage side of walkway (Stage Right) **8250mm**

CL to offstage side of walkway (Stage Right) **9550mm**

Auditorium:

The auditorium houses 284 tiered seats in Thrust configuration at stalls and a balcony levels.

At stalls level: Total seating of 217 seats comprises fixed seating (143 seats) and two tiered seating banks (74 seats - 37 seats each bank) which can be added into side seating positions. The centre section of the stalls seating (75 seats) can be flown to access under seating storage.

At balcony level: Total seating comprises 67 fixed seats.

Seating Capacity:

Reduced Stage - 350 (with reduced performance area). This configuration requires the addition of 66 loose seats.

Thrust - 284 seats with side seating banks in place.

Front on - 210 seats in end stage mode - without side seating banks in place.

Hearing Loop:

Yes – Mipro FM transmitter to belt backs with either headphones or neck loops.

Grid & Flying Facilities:**Tension Wire Grid**

A tension wire grid (15000mm wide x 12000mm deep) provides a working surface for overhead rigging and hanging theatrical lighting fixtures. Only Theatre Royal employees are allowed on the tension wire grid.

The tension wire grid comprises steel channels supporting a woven wire rope grid. The overall grid contains 20 square 'panels' of tension wire sections, each 2850mm x 2850mm in a five wide (across stage) by four deep (US to DS) matrix, installed between structural steel supports. Each panel is capable of supporting up to 4 technicians at once or one maximum point load of 160 kg per panel.

Thirty (30) vertical, steel 48.3 mm OD Circular Hollow Section (CHS) grid hangers are located at the intersections of the grid panels. Forty-nine (49) demountable, horizontal lighting pipes (steel 48.3mm OD CHS) are provided to span from hanger to hanger. Max height of horizontal pipes from tension wire grid to allow for unobstructed movement of chain hoists and trollies is +1050mm.

The downstage edge of the tension wire grid is 4830 mm downstage relative to the stage setting line. The upstage edge of the tension wire grid is 7330 mm upstage relative to the stage setting line. The offstage edges of the tension wire grid are located 7550mm offstage relative to the US/DS centre line of the stage.

Flying System**ABOVE GRID**

Ten (10) gantry beams with one (1) x 1000kg capacity chain hoist and trolley per beam are provided above the grid floor. The overall chain length (underside motor to end hook) is 12450mm. Hoists are BGV-D8+ 2008 compliant for suspension over heads of people without static backup/sling.

Two (2) rolling gantry beams which support the chain hoists and trollies are positioned within each of the 5 Upstage/Downstage bays of the grid structure. The undersides of the rolling beams are +1970mm above the tension wire grid. At full retraction the hoist

chain bag is +980mm above the tension wire grid. The out dead of the chain hoist hook is 7890mm above FFL and sits 850mm below the tension wire grid.

NOTE: The US limit of travel of the chain hoist trollies is 1550mm DS from the rear of grid, except the SL hoist which is 250mm DS from the rear of grid. Chain hoist trollies in bays 2 and 4 have DS limit of travel 1800mm US from the front of the grid, trollies in bays 1,3,5 have DS limit at the DS limit of the grid.

A centralised handheld controller provides power and control for all hoists and enables up to five (5) hoists to move simultaneously and will stop the movement of a group of hoists if any hoist becomes overloaded or fails. The system complies with BGV-C1.

Additional E-stop are located at upstage corner, stage left.

Upstage Motorised Line sets and Control System

Five (5) motorised line sets are provided upstage of the tension wire grid.

Each hoisted batten is 15100mm long, of 48.3mm O.D.CHS. Six (6) pickups per batten @3000mm spacing. i.e. either side of Centre Line +1500mm, +4500mm, +7500mm.

Maximum point WLL 100kg, maximum distributed WLL 350kg, maximum load 500kg.

Hoist maximum speed is 0.1 meters/per second. Only one hoist unit can be operated at a time.

Control equipment is operated from stage right on the Studio floor using a handheld pendant controller which incorporates an on/off key switch, ready light, fault light, individual hoist selector switch and e-stop.

Other E-stop stations are provided at the upstage corner, stage left.

Centre Seating Bank Lifting System

Four (4) dedicated 2,500kg capacity chain hoists (Chain length 11000mm minimum) are utilized to lift the Centre Seating Section so that the Side Seating Wagons may travel into and out of the Wagon Storage area underneath the Seat bank. The frame of the centre seating bank incorporates lifting points coordinated with the chain hoist rigging points above.

Fly System Details

Primary operating position	Stage right at stage level
Additional operating positions	Stage right catwalk, biobox, FOH mixing position
Total number of lines	Five
Panorama Lines	None
Batten Drift	FFL +400mm to FFL + 10500mm
Batten type	48.3mm O.D. Circular Hollow Steel (CHS)
Batten length	15100 mm
Batten point load	100kg
Batten distributed load	350kg
Batten W.L.L.	500kg
Fly bars can be swung	No

Hanging Plot:

SL: Setting Line as indicated previously *Line Type:* **MW** = Motor Winch

W.L.L.: Maximum Working Load Limit (WLL) including bar weight

Line	Distance from SL	Distance b/n lines DS to US	Line Type	W.L.L	Venue Allocation	Intended Use (hiring company use)
Note: Rear tension wire grid to line 1 = 0100mm						
1	7450mm	-	MW	500kg	Borderette	
2	7900mm	450mm	MW	500kg		
3	8500mm	600mm	MW	500kg	Cyc LX Bar	
4	8960mm	460mm	MW	500kg	US Black Tab	
5	9460mm	500mm	MW	500kg	Cyclorama	

Drapery:

*Type	Material	Colour	Width	Height	Quantity
Acoustic Drapes – Technical Catwalks	Wool Serge 0% Fullness (Flat)	Black	17700	2400	2
Up Stage Drape – on tab track	Wool Serge 50% Fullness	Black	15100 (Total) 2 x 8000 Sections	9000	1
Borders	Wool Serge 0% Fullness (Flat)	Black	15000	1100	6
Legs	Wool Serge 0% Fullness (Flat)	Black	4500	8500	4 pairs
Legs	Wool Serge 0% Fullness (Flat)	Black	2150	8500	1 pairs
Side Tab Masking – on track	Wool Serge 0% Fullness (Flat)	Black	3400	6600	3 pairs
Side Tab Masking – on track	Wool Serge 0% Fullness (Flat)	Black	4500	6600	1 pair
Scrim - Black	Seamless sharks tooth cotton	Black	13000	9000	1
Scrim - White	Seamless sharks tooth cotton	White	9000	9000	1
Cyclorama	Seamless with cotton filled cloth	White	13300	9000	1
Storage bags	800mm x 800mm				6
Storage hampers	Road Case -1422mm x 570mmx 660mm (H) with slide in divider				2
Tail Battens	20nb Galvanised Pipe (OD 26.9mm)				12 metres

Additional Rigging Notes

All flown items must be rigged with rated equipment and is subject to approval by the venue representative. Certification by a licensed rigger may be required. Please consult the venue representative.

Loose Rigging Equipment: 12 x 2T Round Slings (2m), 24 x 3.2t Bow Shackles, 10 x 2T Beam Clamps

Access Equipment:

Elevated Work Platform

Genie AWP-30S push around vertical lift *Subject to availability

Maximum reach is **11.0 metres**

EWP Restrictions

WHS requirements require the operator to hold a current EWP licence.

Outriggers must be used at all times with one staff member located at the base whilst in use.

Ladders

1 x Bailey P170-7 Platform Ladder

Staging Units:

No loose staging units

Stage Covers:

No floor cloth or tarkett

Stage Traps:

None

Staging Notes:

Ability to screw into the floor is limited. Please refer to the Studio Technician before securing any item to the floor.

Loading Dock:**Access – Hedberg Loading Dock**

Truck access from Collins Street (between Campbell St and Sun St) to the Theatre Royal/Hedberg Loading Dock. Reverse up ramp on south eastern side of building. Articulated vehicles may require traffic management, please consult with venue management prior to arrival. Large vehicles and articulated vehicle will need to approach the dock by driving down Collins Street in an easterly direction.

Dock Leveller	Yes: 0885mm High (flat) x 2132mm Wide
Maximum clear height in Loading Dock	4400mm
Loading Dock Exterior Door Dimensions	4470mm High x 3260mm Wide

The Hedberg Loading Dock is a shared facility for the precinct and has been designed for companies to load/unload promptly and vacate the area. The Theatre Royal does not offer long term parking within this controlled area to hirers. Access to this space must be prearranged including duration with the Theatre Royal Operations department to make sure that all occupants of the precinct are able to use this facility.

Restrictions / Obstructions

Loading dock is not at Studio Theatre level. Access to studio via goods lift located at rear of the Theatre Royal loading dock off Collins Street.

Goods lift dimensions: Door Opening: **2190mm** wide x **2690mm** high
Depth with door closed: **5000mm** deep
Maximum diagonal length in lift **6100mm** top corner to bottom corner or **5400mm** flat corner to corner
Capacity: 5000 kgs

LIGHTING

Positions:

Stage LX Bars

Stage lighting bars are located above the tension wire grid. Thirty (30) vertical, steel 48.3 mm OD Circular Hollow Section (CHS) grid hangers are located at the intersections of the grid panels. Forty-nine (49) demountable, horizontal lighting pipes (steel 48.3mm OD CHS) and 98 pipe clamps are provided to span from hanger to hanger.

The maximum height of horizontal pipes above tension wire grid to allow for unobstructed movement of chain hoists and gantries is +1200mm.

See theatre plans for standard LX bar locations

Orchestra Bar

No

FOH Lighting Bar

Notes: FOH lighting bars are located on the handrails of the technical galleries at the rear of the auditorium. Access is from these galleries.

FOH bar length	FOH bars are in 2 sections each beginning 2855mm from centre. Parallel with the setting line: Stage left <u>FOH 1</u> bar is 4700mm long Stage left <u>FOH 2</u> bar is 5000mm long Stage right <u>FOH 1</u> bar is 4800mm long Stage right <u>FOH 2</u> is 5100mm long . At their offstage extremities all bars return upstage 2540mm .
Bar height	FOH 1: FFL+ 9350mm (vertical measurement) FOH 2: FFL+ 8930mm (vertical measurement)
FOH bar to Setting Line	FOH1: 7770mm (horizontal measurement) FOH2: 8070mm (horizontal measurement)
FOH bar to Setting Line (FFL)	12175mm (throw distance)
Angle to Setting Line (FFL)	40 degrees up from vertical
Angle to rear edge stage (FFL)	60 degrees up from vertical

Transverse (Catwalk) Bars

Notes: Transverse bars are located on the handrails of the technical galleries (catwalks) on stage right and left.

Stage Left bar lengths	<u>LX CW 1</u> : 9490mm from downstage edge of grid to 500mm short of the downstage side of grid access stair and 650mm from the upstage edge of grid downstage to 400mm short of the upstage side of grid access stair. <u>LX CW 2</u> : 9990mm from downstage edge of grid to downstage side of grid access stair (top & bottom bar)
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and **650mm** from upstage side of grid access to upstage edge of grid (top & bottom bar)

LX CW 3: From rear wall **2850mm** long DS.

Stage Left bar heights

LX CW 1: **FFL + 8550mm**

LX CW 2: **FFL + 8350mm**

LX CW 3: **FFL + 9750mm**

Stage Left bars to Centre Line - horizontal measurement

LX CW 1: **7560mm**

LX CW 2: **7860mm**

LX CW 3: **7960mm**

LX CW 1 to SR offstage edge (FFL) **9075mm (throw distance) Angle: 20 deg**

LX CW 1 to Centre Line (FFL) **11430mm (throw distance) Angle: 41 deg**

Stage Right bar lengths

LX CW 4 & LX CW 5: **9900mm** from downstage edge of grid to downstage side of grid access stair (top & bottom bar) and **600mm** from upstage side of grid access to upstage edge of grid (top & bottom bar)

LX CW 6: From rear wall **2800mm** long DS.

Stage Right bar heights – vertical measurement

LX CW 4: **FFL + 8800mm**

LX CW 5: **FFL + 8350mm**

LX CW 6: **FFL + 9720mm**

Stage Right bar to Centre Line - horizontal measurement

LX CW 4: **7850mm**

LX CW 5: **8150mm**

LX CW 6: **8250mm**

LX CW 4 to SR offstage edge (FFL) **9390mm (throw distance) Angle: 20.5 deg**

LX CW 4 to Centre Line (FFL) **11800mm (throw distance) Angle: 42 deg**

Lighting Control:

Lighting desk **ETC ION XE 12K Lighting Console with ETC EOS Fader Wing 40**

Control channels **12288 Outputs/Parameters, 32,768 Channels**

Signal output **Four DMX-512 / RDM ports**

Ethernet (ETCNet2™, Net3™, Artnet and Avab UDP output protocols)

Signal distribution **DMX input locations:**

2 x DMX inputs Bio box

2 x DMX inputs at temporary FOH position rear stalls

2 x DMX inputs at temporary position balcony (under AA16)

DMX output:

Either direct to DMX inputs or over Ethernet (sACN) which is distributed throughout the studio. Conversion of sACN to DMX is achieved through 8 x portable 2-Port DMX, Net3 Touring gateways. Nominally, 4 x Net3 are located in theatre grid and 4 x Net3 are located at stage level. See patching LX Patching for details of sACN outlets.

Remote riggers **Apple iPad with remote software**

Remote Video Station **ETC NET3-RVI3 NET3 Remote Video Interface**

Control Positions:**Bio Box**

Rear of auditorium at grid level. Behind glass. Dedicated position, no seats pulled.

Auditorium – FOH Mixing Position

Rear of stalls: Rows F & G

Total seat allocation: 8 Seats (Row F 17-22, Row G 7-8)

NOTE: If your performance is using the FOH mixing position ensure that these seats have been allocated prior to the show going on sale.

Auditorium – Production Desk

Middle of stalls: Row C or Middle Balcony Row AA

Dimmer Racks:

Total dimmers	192
Dimmer model	ETC Sensor 3 – ETR10AFR - 2.3kW
Dimmer Locations	Dimmer room located Stage Left adjacent to Bio Box

House Lights:

Independent control	Yes & controllable through the lighting console.
Control positions	Various including biobox, SM corner etc
Fade time adjustable	Yes

Stage Luminaires:**Profiles**

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source Four	15-30 deg	24 Gobo holders for A size gobos, 36 top hats, 10 drop-in iris', 26 Balancing Yokes	750w	30
ETC	Source Four	25-50 deg		750w	8

Fresnel's

Make	Model	Detail / Accessories	Watt	Total
ETC	Source Four 150mm -175mm Fresnel	24 Barndoors	750w	12

Pars

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	ColorSource PAR - LED Deep Blue	14.5 deg	Red/Green/Indigo/Lime	90w	18
	Maximum DMX channels per fitting (RGBL, Intensity & Strobe)			6	

Wash

Make	Model	Detail / Accessories	Watt	Total
Chroma-Q	Colour Force II 72 LED Strip Lights	1760mm Length, 12 RGBA Cells x 24 LEDs	800w	8
	Maximum DMX channels per fitting (RGBA, Strobe on top & random)		11	

Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Robin	T1 Wash		RGBAL LED 7-50deg, 2700-8000K	550w	8
	Maximum DMX channels per fitting (RGBA,Light Green)			39	

Followspots:

Make	Model	Angle	Detail / Accessories	Watt	Total
USHIO	SAI 500CB (LED TBC)	1.9 metres diameter at 20 metres	DMX Controllable, 5800K,	440w	2 *
*Subject to availability as shared on precinct					

Additional Lighting Available to hire – Subject to Availability:

Item	Make	Model	Detail / Accessories	Watt	Total
ETC	Source Four	15-30 deg	24 Gobo holders for A size gobos, 36 top hats, 10 drop-in iris', 26 Balancing Yokes	750w	6
ETC	Source Four	25-50 deg		750w	10
ETC	Source Four 150mm -175mm Fresnel		24 Barndoors	750w	12
ETC	PAR EA	VNSP, NSP, MFL, WFL	Four lenses for each unit: Very Narrow Spot (VNSP), Narrow Spot (NSP), Medium Flood (MFL) and Wide Flood (WFL). Round beam for VNSP and NSP, oblong beam shape for MFL and WFL. 24 Barndoors	750w	24
ETC	ColorSource PAR - LED Deep Blue	14.5 deg	Red/Green/Indigo/Lime	90w	18
	Maximum DMX channels per fitting (RGLB, Intensity & Strobe)				

LX Patching:**Lighting Outlets**

Grid & Catwalks			
Location	Quantity	Outlet Numbers	Detail / Accessories
Grid Stage Left Bay (US)	6	001 to 006	Socapex & single 240s (Paralleled)
Catwalk Stage Left (US)	6	007 to 012	Socapex & single 240s (Paralleled)
Catwalk Stage Left (MS)	6	013 to 018	Socapex & single 240s (Paralleled)
Catwalk Stage Left (DS)	6	019 to 024	Socapex & single 240s (Paralleled)
FOH Catwalk LX Bar Stage Left	6	025 to 030	Socapex & single 240s (Paralleled)
Grid Stage Left Bays (US)	6	031 to 036	Socapex & single 240s (Paralleled)
Grid Stage Left Bays (MS)	6	037 to 042	Socapex & single 240s (Paralleled)
Grid Stage Left Bays (MS)	6	043 to 048	Socapex & single 240s (Paralleled)
Grid Stage Left Bays (DS)	6	049 to 054	Socapex & single 240s (Paralleled)
Grid Stage Left Bays (DS Front)	6	055 to 060	Socapex & single 240s (Paralleled)
Grid Stage Left/Centre Bays (US)	6	061 to 066	Socapex & single 240s (Paralleled)
Grid Stage Left/Centre Bays (MS)	6	067 to 072	Socapex & single 240s (Paralleled)
Grid Stage Left/Centre Bays (DS)	6	073 to 078	Socapex & single 240s (Paralleled)
Grid Centre Bays (US)	6	079 to 084	Socapex & single 240s (Paralleled)
Grid Centre Bays (MS)	6	085 to 090	Socapex & single 240s (Paralleled)
Grid Centre Bays (DS)	6	091 to 096	Socapex & single 240s (Paralleled)
Grid Stage Right/Centre Bays (US)	6	097 to 102	Socapex & single 240s (Paralleled)
Grid Stage Right/Centre Bays (MS)	6	103 to 108	Socapex & single 240s (Paralleled)
Grid Stage Right/Centre Bays (MS)	6	109 to 114	Socapex & single 240s (Paralleled)
Grid Stage Right/Centre Bays (DS)	6	115 to 120	Socapex & single 240s (Paralleled)
Grid (DS Stage Right/Centre Bay)	6	121 to 126	Socapex & single 240s (Paralleled)
FOH Catwalk LX Bar Stage Right	6	127 to 132	Socapex & single 240s (Paralleled)
Grid Stage Right Bays (DS)	6	133 to 138	Socapex & single 240s (Paralleled)
Grid Stage Right Bays (US)	6	139 to 144	Socapex & single 240s (Paralleled)
Catwalk Stage Right (MS)	6	145 to 150	Socapex & single 240s (Paralleled)
Catwalk Stage Right (DS)	6	151 to 156	Socapex & single 240s (Paralleled)
Stage Level			

Location	Quantity	Outlet Numbers	Detail / Accessories
Rear Wall US Stage Left	12	157 to 168	Socapex & single 240s (Paralleled)
Rear Wall US Stage Right	12	169 to 180	Socapex & single 240s (Paralleled)
Side Wall Stage Left	4	181 to 184	Socapex & single 240s (Paralleled)
Side Wall Stage Right	4	185 to 188	Socapex & single 240s (Paralleled)
Under Seating Void Stage Right	2	189 to 190	Socapex & single 240s (Paralleled)
Under Seating Void Stage Left	2	191 to 192	Socapex & single 240s (Paralleled)

sACN Outlets

Stage Level & Auditorium			
Location	Quantity	Outlet Numbers	Detail / Accessories
Rear Wall US Stage Right	2	01 to 02	Cat 6A - EtherCON
Rear Wall US Stage Left	2	03 to 04	Cat 6A - EtherCON
Side Wall Stage Right	2	05 to 06	Cat 6A - EtherCON
Side Wall Stage Left	2	07 to 08	Cat 6A - EtherCON
Under Seating Void Stage Right	2	09 to 10	Cat 6A - EtherCON
Under Seating Void Stage Left	2	11 to 12	Cat 6A - EtherCON
Rear Auditorium (FOH Op. Position)	3	13 to 15	Cat 6A - EtherCON
Auditorium Balcony (under seat AA16)	2	17 to 18	Cat 6A - EtherCON
Grid, Catwalks & Biobox			
Grid Stage Right Bay Rear Grid	1	19	Cat 6A - EtherCON
Grid Stage Right Bay (US)	1	21	Cat 6A - EtherCON
Grid Stage Right Bay (MS)	1	23	Cat 6A - EtherCON
Grid Stage Right Bay (DS)	1	25	Cat 6A - EtherCON
FOH Catwalk LX Bar Stage Right	1	27	Cat 6A - EtherCON
FOH Catwalk LX Bar Stage Left	1	29	Cat 6A - EtherCON
Catwalk Stage Left (MS)	1	31	Cat 6A - EtherCON
Catwalk Stage Left (DS)	1	33	Cat 6A - EtherCON
Grid Stage Left Bay Rear Grid	1	35	Cat 6A - EtherCON
Catwalk Stage Left (US)	1	37	Cat 6A - EtherCON
Grid Stage Right/Centre Bays (US)	1	39	Cat 6A - EtherCON
Grid Stage Left/Centre Bays (US)	1	41	Cat 6A - EtherCON
Grid Stage Right/Centre Bays (MS/US)	1	43	Cat 6A - EtherCON
Grid Stage Left/Centre Bays (CS)	1	45	Cat 6A - EtherCON
Grid Stage Right/Centre Bays (CS)	1	47	Cat 6A - EtherCON
Grid Stage Left/Centre Bays (MS/US)	1	49	Cat 6A - EtherCON
Grid Stage Right/Centre Bays (MS/DS)	1	51	Cat 6A - EtherCON
Grid Stage Left/Centre Bays (MS/DS)	1	53	Cat 6A - EtherCON
Grid Stage Right/Centre Bays (DS)	1	55	Cat 6A - EtherCON
Grid Stage Left/Centre Bays (DS)	1	57	Cat 6A - EtherCON
Biobox Under bench	3	59 to 61	Cat 6A - EtherCON

Production Desk:

Production desk can be set-up in the centre of the stalls.

Temporary Power Outlets

Temporary Power distribution boards are located:

a) Rear Wall Corner Upstage Right:

1 x 200Amp 3phase supply terminated in 5 x European single phase camlock connectors – Flange outlet plugs.

b) Upstage Side Wall Stage Left:

1 x 200Amp 3phase supply terminated in 5 x European single phase camlock connectors – Flange outlet plugs.

1 x 100Amp 3phase supply terminated in 3 x 40Amp 3 phase outlets.

Cabling:

EtherCON Cat 6a network cable

8 x 2 metre

6 x 5 metre

2 x 10 metre

2 x 15 metre

Cat 6a Extension Coupler

2 x Neutrik NE8FFX6-W etherCON CAT6A Feedthrough Coupler for Cable Extension

DMX 5pin Cable

50 x 2 metre

10 x 5 metre

10 x 10 metre

4 x 15 metre

2 x 20 metre

240v Extension Cable

30 x 2 metre, 10 Amp

30 x 5 metre, 10 Amp

20 x 10 metre, 10 Amp

6 x 20 metre, 10 Amp

Looms

18 x 6 circuit x 5 metre Socapex Extension Cable Male to Female (20 Amp rating)

10 x 6 circuit x 10 metre Socapex Extension Cable Male to Female (20 Amp rating)

10 x 6 circuit x 20 metre Socapex Extension Cable Male to Female (20 Amp rating)

30 x Male 6 Circ Socapex to Female 1 circ fanout 2m

10 x Female 6 Circ Socapex to Male 1 circ fanout 1m

3 phase Extensions

None

Lighting Notes:

Additional lighting equipment may be available upon request. Please consult the Technical Coordinator.

AUDIO

Control Positions:

Bio Box

Rear of auditorium at grid level. Behind glass. Dedicated position, no seats pulled.
Monitoring via two (2) Genelec 8030B Near Field Studio Monitors

Auditorium

Rear of stalls @ stage right of centre of Rows F & G

Total seat allocation **8 Seats (Row F 17-21, Row G 7-8)**

NOTE: Ensure audio seats have been allocated prior to show going on sale.

Other

Small auxiliary desks being toured can be accommodated as required

Stage Boxes

Stage Boxes

One (1) Yamaha Rio 3224-D I/O Box - 32 in/16 out, 4 AES/EBU out

One (1) Yamaha Rio 1608-D I/O Box - 16 in/8 out (located in biobox rack)

Control & Amplification:

Primary Mixer

Yamaha CL5:

- **Channels:** 32 + 2 master faders, 72 mono channel mixing plus 8 stereo channels
- **Inputs - Mic Preamps:** 8 x XLR
- **Phantom Power:** 8
- **Outputs - Other:** 8 x XLR (line out)
- **Inputs - Digital:** 2 x RJ-45 (Dante)
- **Outputs - Digital:** 2 x RJ-45 (Dante), 1 x XLR (AES/EBU)
- **Busses/Groups:** 16 send Mix bus, 8 send Matrix bus
- **Channel Inserts:** Internal
- **Talkback:** 1 x XLR
- **MIDI I/O:** In/Out
- **Data I/O:** 1 x D-Sub GPI (15-pin female), 1 x Ethernet
- **USB:** 1 x USB Type A
- **Computer Connectivity:** Ethernet
- **I/O Expansion Slots:** 3 x Card slots available (DSP cards or mini-YGDAI cards)
- **Headphones:** 1 x 6.35mm
- **Word Clock:** In/Out
- **Faders:** 26 x 100mm faders
- **EQ Bands:** 4-band parametric channel EQ, 31-band Graphic EQ, 15-band flex EQ,
- **Effects:** Reverbs, Delays, Modulation, Premium Rack compressor modelling
- **DAW Control:** Yes (via Dante)
- **Height:** 299mm
- **Depth:** 667mm
- **Width:** 1053mm
- **Weight:** 36kg
- **Manufacturer Part Number:** CL5

Signal Processing

Meyer Galileo 616 DSP, Six inputs (analogue, AES/EBU, or mixed) and 16 analogue outputs

Amplifiers

All in-house Meyer Speakers are self-powered.
No additional amplifiers are supplied.

EQ

Main System EQ thru Meyer Galileo 616
Additional EQ thru Yamaha CL5

FX

Thru Yamaha CL5

Compression / Limiter / Gates

Thru Yamaha CL5

Speakers:**FOH Speakers (Standard Speaker Position)**

Two (2) Meyer UPQ-1P flown above grid floor
One (1) Meyer 900LFC subwoofer flown above grid floor
Three (3) Meyer UPJ-1P flown above grid floor for balcony fill speakers.
Two (2) Meyer UPJunior flown above grid floor for side seating wagons.

Foldback

Four (4) LAcoustic 108P Self powered coaxial enclosures

Playback:

Item	Make	Model	Detail	Total
Denon	DN-500BD	Blu Ray Player		1

Microphones:

Make	Model	Detail / Accessories	Use	Total
Sennheiser	SK500 G4 (Gw: 558 – 626 MHz)	Digital Wireless Microphone Receiver	Vocal	4
Sennheiser	SK500 G4 (Gw: 558 – 626 MHz)	Wireless Bodypack Transmitter	Vocal	4
Sennheiser	SKM500 G4 (Gw: 558 – 626 MHz)	Wireless Handheld Transmitter	Vocal	2
DPA	CORE 4066C	Omni Headset Microphone, Beige		4
Sennheiser	MX412CX	Lectern Condenser Microphone	Vocal	1
Sennheiser	MKH 8060	Short Shotgun Microphone	Program Feed	1
	DI			2

Microphones – available to hire

Make	Model	Detail / Accessories	Use	Total
AKG	414B – XL2 *		Choir Vocal	2
AKG	C3000 B *		Choir Vocal	2
AKG	C1000 S *			4
Shure	SM58 *		Vocal	2
Shure	Beta 58 *		Vocal	2
Shure	SM57 *		Instrument	2
Shure	Beta 52A *		Kick Drum	1
Beyer	M-600 *		Vocal	2
*Shared with Studio Theatre, Subject to availability				

Accessories:

Item	Model	Detail / Accessories	Total
Sennheiser Mounted Wideband Antenna	A 2003 UHF	400 – 960 MHz – mounted DS edge grid floor	2
Sennheiser EM/SR-ew UHF Antenna		Standalone Antenna	4
BSS Audio	AR133	Active DI Box	4
Rechargeable Batteries & charger			Nil

Audio Patching:

See patching section after AV

Speaker Patching:

See patching section after AV

Cabling:**Microphone Cable (3pin XLR)**

10 x 2.5 metre
10 x 5 metre
10 x 10 metre

Additional Stage Boxes

One (1) Yamaha Rio 3224-D I/O Box - 32 in/16 out, 4 AES/EBU out

Audio Notes:

Additional microphones, microphone stands etc may be available upon request.
Please consult the Technical Coordinator.

AUDIO VISUAL**Main AV Patching Position:**

Bio Box at grid level

Control Positions:**Bio Box**

Rear of auditorium at grid level. Behind glass. Dedicated position, no seats pulled.

Auditorium

Rear of stalls @ Rows F & G

Total seat allocation: **8 Seats (Row F 17-22, Row G 7-8)**

NOTE: Row G 6 will have very limited viewing and may best be removed from sale.

NOTE: Ensure seats have been allocated prior to show going on sale.

Other

Balcony: Desk in Row AA 14-18, Seating in Row BB 13-17. Patching under AA16.

NOTE: View of stage may be limited in this position.

Projectors:

Type	Model	Detail / Accessories	Total
Panasonic	PT-RZ120B	12,000 ANSI Lumen – WUXGA (1920x1200) resolution. 16:10 Native Aspect Ratio. Lens: ET-DLE250	1

Screens:**Projection Screen**

Stumpfl Fast-Fold Monoblox 64 16:9 Front Project with flying kit

Screen dimensions 512cm x 298cm (Outside frame)

440cm x 250cm (Inside frame)

Additional Screens

None

AV Playback Equipment:

Item	Model	Detail / Accessories	Total
Denon	DN-500BD	Blu Ray Player	1

Projector Rigging Points:

Projector located in a custom housing incorporated under balcony floor toward rear of stalls.

Screen is flown and can be hung at a variety of points in grid or from US flying bar.

Cabling:

Please consult the Technical Coordinator.

Audio Visual Notes:

1 x Extron SMP-311 Streaming and recording processor.

1 x Crestron DMPS3-4K-350-C Digital Media Presentation System

AUDIO, VIDEO, NETWORK (cat 6a), FIBRE, COMMS & Q LX LINE PATCHING

Location	Panel ID	Patch IDs	Type	Quantity	Detail
Auditorium & Stage					
NOTE: Cat 6 EtherCON wall connector NE8FDY-C6-B only receives NEUTRIK NE8MC6-MO-1 connector or generic RJ45 connector, not compatible with Cat 6A NE8MX6 or NE8MC connector					
Upstage Stage Right Rear Wall	ST-N3-001	ST-A-1001 to ST-A-1016	Audio	16	XLR (Male & Female)
		ST-V-3001 to ST-V-3004	Video	4	BNC Coaxial
		ST-N-6001 to ST-N-6002	Network	2	UTP Cat 6 - EtherCON
		ST-S-4001	Network	1	STP Cat 6 - EtherCON
		ST-S-4002	Audio (Lectern)	1	4-PIN XLR for lectern in
		ST-SF-5001 to ST-SF-5002	Network	2	Single Fibre – OpticalCON
		ST-C-7001 to ST-C-7002	Comms	2	XLR Male
Upstage Stage Left Rear Wall	ST-N3-002	ST-A-1017 to ST-A-1032	Audio	16	XLR (Male & Female)
		ST-V-3005 to ST-V-3008	Video	4	BNC Coaxial
		ST-N-6003 to ST-N-6004	Network	2	UTP Cat 6 - EtherCON
		ST-S-4003 to ST-S-4004	Network	2	STP Cat 6 - EtherCON
		ST-SF-5003 to ST-SF-5004	Network	2	Single Fibre – OpticalCON
		ST-C-7003 to ST-C-7004	Comms	2	XLR Male
Stage Left in Auditorium (End of Fixed Seating Bank)	ST-E3-003	ST-Q-8001	Cue LX	1	XLR 3pin Female
Stage Left in Auditorium (End of Fixed Seating Bank)	ST-E3-004	ST-A-1033 to ST-A-1048	Audio	16	XLR (Male & Female)
		ST-V-3009 to ST-V-3012	Video	4	BNC Coaxial
		ST-N-6005 to ST-N-6006	Network	2	UTP Cat 6 - EtherCON
		ST-S-4005 to ST-S-4006	Network	2	STP Cat 6 - EtherCON
		ST-SF-5005 to ST-SF-5006	Network	2	Single Fibre – OpticalCON

Studio Theatre, Theatre Royal Hobart	Technical Specifications
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Stage Right in Auditorium (End of Fixed Seating Bank)	ST-W3-006	ST-A-1049 to ST-A-1064	Audio	16	XLR (Male & Female)
		ST-V-3013 to ST-V-3016	Video	4	BNC Coaxial
		ST-N-6007 to ST-N-6008	Network	2	UTP Cat 6 - EtherCON
		ST-S-4007 to ST-S-4008	Network	2	STP Cat 6 - EtherCON
		ST-SF-5007 to ST-SF-5008	Network	2	Single Fibre – OpticalCON
Upstage Stage Right Side Wall	ST-W3-005	ST-Q-8002	Cue LX	1	XLR 3pin Female
Centre Rear Auditorium - FOH Mixing Position	ST-S4-007	ST-A-1065 to ST-A-1068	Audio	4	XLR (Male & Female)
		ST-V-3017 to ST-V-3020	Video	4	BNC Coaxial
		ST-N-6009 to ST-N-6010	Network	2	UTP Cat 6 - EtherCON
		ST-S-4009 to ST-S-4012	Network	4	STP Cat 6 - EtherCON
		ST-SF-5009 to ST-SF-5010	Network	2	Single Fibre – OpticalCON
		ST-C-7005 to ST-C-7006	Comms	2	XLR Male
Studio Foyer	ST-S4-008	ST-C-7007	Comms	1	XLR 3pin Male
		ST-Q-8003	Cue LX	1	XLR 3pin Female
Stage Left Rear Auditorium (Balcony)	ST-E5-009	ST-A-1069 to ST-A-1070	Audio	2	XLR (Male & Female)
		ST-V-3021 to ST-V-3022	Video	2	BNC Coaxial
		ST-S-4013 to ST-S-4014	Network	2	STP Cat 6 - EtherCON
		ST-C-7008 to ST-C-7009	Comms	2	XLR Male
Balcony Front centre	ST-S5-010	ST-V-3023 to ST-V-3024	Video	4	BNC Coaxial
		ST-N-6011 to ST-N-6012	Network	2	UTP Cat 6 - EtherCON
		ST-S-4015 to ST-S-4016	Network	2	STP Cat 6 - EtherCON
Balcony Front centre	ST-S5-011	ST-A-1071 to ST-A-1074	Audio	4	XLR (Male & Female)
		ST-V-3025 to ST-V-3026	Video	2	BNC Coaxial
		ST-S-4017 to ST-S-4018	Network	2	STP Cat 6 - EtherCON
Stage Right Rear Auditorium (Balcony)	ST-W5-012	ST-A-1075 to ST-A-1076	Audio	2	XLR (Male & Female)
		ST-V-3027 to ST-V-3028	Video	2	BNC Coaxial
		ST-S-4019 to ST-S-4020	Network	2	STP Cat 6 - EtherCON

Studio Theatre, Theatre Royal Hobart	Technical Specifications
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		ST-C-7010 to ST-C-7011	Comms	2	Male XLR

Grid					
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Upstage Grid Ceiling Stage Right	ST-N6-013	ST-A-1077 to ST-A-1078	Audio	2	XLR (Male & Female)
		ST-V-3029 to ST-V-3030	Video	2	BNC Coaxial
		ST-S-4021 to ST-S-4022	Network	2	STP Cat 6 - EtherCON
Upstage Grid Ceiling Centre	ST-N6-014	ST-A-1079 to ST-A-1080	Audio	2	XLR (Male & Female)
		ST-V-3031 to ST-V-3032	Video	2	BNC Coaxial
		ST-S-4023 to ST-S-4024	Network	2	STP Cat 6 - EtherCON
Upstage Grid Ceiling Left	ST-N6-015	ST-A-1081 to ST-A-1082	Audio	2	XLR (Male & Female)
		ST-V-3033 to ST-V-3034	Video	2	BNC Coaxial
		ST-S-4025 to ST-S-4026	Network	2	STP Cat 6 - EtherCON
Upstage Grid Stage Right	ST-N6-016	ST-A-1083 to ST-A-1084	Audio	2	XLR (Male & Female)
Upstage Grid Centre	ST-N6-017	ST-A-1085 to ST-A-1086	Audio	2	XLR (Male & Female)
Upstage Grid Stage Left	ST-N6-018	ST-A-1087 to ST-A-1088	Audio	2	XLR (Male & Female)
Midstage Grid Stage Right	ST-N6-019	ST-A-1089 to ST-A-1090	Audio	2	XLR (Male & Female)
		ST-V-3035 to ST-V-3036	Video	2	BNC Coaxial
		ST-S-4027 to ST-S-4028	Network	2	STP Cat 6 - EtherCON
Midstage Grid Centre	ST-N6-020	ST-A-1091 to ST-A-1092	Audio	2	XLR (Male & Female)
		ST-V-3037 to ST-V-3038	Video	2	BNC Coaxial
		ST-S-4029 to ST-S-4030	Network	2	STP Cat 6 - EtherCON
Midstage Grid Stage Left	ST-N6-021	ST-A-1093 to ST-A-1094	Audio	2	XLR (Male & Female)
		ST-V-3039 to ST-V-3040	Video	2	BNC Coaxial
		ST-S-4031 to ST-S-4032	Network	2	STP Cat 6 - EtherCON
Midstage Grid Stage Right - Stage Right Wagon Fill Speaker	ST-N6-022	ST-R-1301	Audio Return	1	XLR Male

Studio Theatre, Theatre Royal Hobart	Technical Specifications
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Midstage Grid Stage Right - FOH Left Speaker	ST-N6-023	ST-R-1302	Audio Return	1	XLR Male
Midstage Grid Centre - FOH Centre Balcony Fill Speaker	ST-N6-024	ST-R-1303	Audio Return	1	XLR Male
Midstage Grid Stage Left - FOH Right Speaker	ST-N6-025	ST-R-1304	Audio Return	1	XLR Male
Midstage Grid Stage Left - Stage Left Wagon Fill Speaker	ST-N6-026	ST-R-1305	Audio Return	1	XLR Male
Downstage Grid Stage Right - FOH Left Balcony Fill Speaker	ST-S6-033	ST-R-1306	Audio Return	1	XLR Male
Downstage Grid Centre - Sub Speaker	ST-S6-034	ST-R-1307	Audio Return	1	XLR Male
Downstage Grid Stage Left – FOH Right Balcony Fill Speaker	ST-S6-035	ST-R-1308	Audio Return	1	XLR Male
Upstage Stage Left Catwalk	ST-E6-027	ST-A-1095 to ST-A-1096	Audio	2	XLR (Male & Female)
		ST-V-3041 to ST-V-3042	Video	2	BNC Coaxial
		ST-S-4033 to ST-S-4034	Network	2	STP Cat 6 - EtherCON
Up/Midstage Stage Left Catwalk	ST-E6-028	ST-A-1097 to ST-A-1098	Audio	2	XLR (Male & Female)
		ST-V-3043 to ST-V-3044	Video	2	BNC Coaxial
		ST-S-4035 to ST-S-4036	Network	2	STP Cat 6 - EtherCON
Midstage Stage Left Catwalk	ST-E6-029	ST-A-1099 to ST-A-1102	Audio	4	XLR (Male & Female)
		ST-V-3045 to ST-V-3048	Video	4	BNC Coaxial
		ST-N-6013 to ST-N-6014	Network	2	UTP Cat 6 - EtherCON
		ST-S-4037 to ST-S-4040	Network	4	STP Cat 6 - EtherCON

Studio Theatre, Theatre Royal Hobart			Technical Specifications		
		ST-C-7012 to ST-C-7013	Comms	2	XLR Male
Mid/Downstage Stage Left Catwalk	ST-E6-030	ST-A-1103 to ST-A-1104	Audio	2	XLR (Male & Female)
		ST-V-3049 to ST-V-3050	Video	2	BNC Coaxial
		ST-S-4041 to ST-S-4042	Network	2	STP Cat 6 - EtherCON
Downstage Stage Left Catwalk	ST-E6-031	ST-A-1105 to ST-A-1106	Audio	2	XLR (Male & Female)
		ST-V-3051 to ST-V-3052	Video	2	BNC Coaxial
		ST-S-4043 to ST-S-4044	Network	2	STP Cat 6 - EtherCON
Downstage Grid - Show Relay Mic	ST-S6-032	ST-M-1201 to ST-M-1202	Audio	2	XLR (Female)
Upstage Stage Right Catwalk	ST-W6-036	ST-A-1107 to ST-A-1108	Audio	2	XLR (Male & Female)
		ST-V-3053 to ST-V-3054	Video	2	BNC Coaxial
		ST-S-4045 to ST-S-4046	Network	2	STP Cat 6 - EtherCON
Up/Midstage Stage Right Catwalk	ST-W6-037	ST-A-1109 to ST-A-1110	Audio	2	XLR (Male & Female)
		ST-V-3055 to ST-V-3056	Video	2	BNC Coaxial
		ST-S-4047 to ST-S-4048	Network	2	STP Cat 6 - EtherCON
Midstage Stage Right Catwalk	ST-W6-038	ST-A-1111 to ST-A-1114	Audio	4	XLR (Male & Female)
		ST-V-3057 to ST-V-3060	Video	4	BNC Coaxial
		ST-N-6015 to ST-N-6016	Network	2	UTP Cat 6 - EtherCON
		ST-S-4049 to ST-S-4052	Network	4	STP Cat 6 - EtherCON
		ST-C-7014 to ST-C-7015	Comms	2	XLR Male
Mid/Downstage Stage Right Catwalk	ST-W6-039	ST-A-1115 to ST-A-1116	Audio	2	XLR (Male & Female)
		ST-V-3061 to ST-V-3062	Video	2	BNC Coaxial
		ST-S-4053 to ST-S-4054	Network	2	STP Cat 6 - EtherCON
Downstage Stage Right Catwalk	ST-W6-040	ST-A-1117 to ST-A-1118	Audio	2	XLR (Male & Female)
		ST-V-3063 to ST-V-3064	Video	2	BNC Coaxial
		ST-S-4055 to ST-S-4056	Network	2	STP Cat 6 - EtherCON

Control Room

Audience Left	ST-C6-043	ST-A-1119 to ST-A-1122	Audio	4	XLR (Male & Female)
		ST-V-3065 to ST-V-3068	Video	4	BNC Coaxial
		ST-N-6017 to ST-N-6018	Network	2	UTP Cat 6 - EtherCON
		ST-S-4057 to ST-S-4060	Network	4	STP Cat 6 - EtherCON
		ST-SF-5011 to ST-SF-5012	Network	2	Single Fibre – OpticalCON
		ST-C-7016 to ST-C-7017	Comms	2	XLR Male
Audience Right	ST-C6-044	ST-A-1123 to ST-A-1126	Audio	4	XLR (Male & Female)
		ST-V-3069 to ST-V-3070	Video	4	BNC Coaxial
		ST-N-6019 to ST-N-6020	Network	2	UTP Cat 6 - EtherCON
		ST-S-4061 to ST-S-4064	Network	4	STP Cat 6 - EtherCON
		ST-SF-5013 to ST-SF-5014	Network	2	Single Fibre – OpticalCON
		ST-C-7018 to ST-C-7019	Comms	2	XLR Male

BACKSTAGE**Communications:****Stage Managers Desk**

Podion height adjustable SMD equipped with Creston Audio/Video control panel, monitor feeds from program cameras, digital clock and Riedel Smart Panel comms unit allowing backstage and production calls.

Talkback

Master Unit **2 x Riedel SmartPanel RSP-2318 using Riedel Artist 32**

Total sub stations **8 x Riedel Performer C3 wired belt packs**

Total headsets **14 x Riedel Pro-D1 headsets**

Radio Units In-house **4 x Riedel Bolero wireless belt packs (880 – 1900 MHz)**

Battery Charger **1 x Riedel Bolero 5 bay battery charger**

Talkback patching located at: **Throughout Venue**

Paging / Show relay

Yes

Stage Monitor

2 x HD PTZ Camera to green room, dressing rooms, bio box, etc

Q Light System

In house Q light system available **XLR points installed**

Number of units **No**

Dressing Rooms:

All located on Level 3

Dressing Room	Capacity*	Toilets	Shower	Details
Dressing Room #ST1	6	1 x All Gender	Yes	DR#ST1 dedicated to Studio Theatre. Bathroom is adjacent, but external to DR.
Dressing Room #ST2	7	1 x All Gender	Yes	DR#ST2 primarily for Studio Theatre. Ensuite bathroom.**
Dressing Room #ST3	9	1 x All Gender	Yes	DR#ST3 primarily for Studio Theatre. Ensuite bathroom.**
# Additional Dressing room on level 1 can be hired at subject to availability and additional cleaning costs				
*This capacity allows separate chair/mirror etc for each person. Greater number may be accommodated TBC.				
** DR #ST2 & #ST3 have a lockable connecting door and hence can be used as one large or two smaller dressing rooms. These rooms are occasionally used as overflow dressing rooms for the main stage theatre.				

Laundry / Wardrobe:

Located on Level 2 at rear of main stage loading dock. **NOTE: This is a shared facility.**

Washing Machines	(2) BOSCH WAY32891AU Front Load 6.5kg washing machines
Dryers	(2) BOSCH WTY877WOAU front Load 9.0kg tumble dryers
Drying rooms	N/A
Iron / ironing board	Shared with Theatre Royal 1 x Iron, 2 x Ironing Boards
Clothes racks	1 portable rack per dressing room + several in Laundry

Production Facilities:**Production Desk**

Production desk set up centre of the stalls or front of Balcony. Table accommodates 2 – 3 people with dimmable or switchable lighting, DMX for the lighting desk, 240V power and talkback.

Production Office

Yes – 'Hot Desk' available in Studio Theatre dock area

Phone

NO

Internet access – WiFi

YES

Greenroom:

Located on Level 1 close to main Stage Door. **NOTE: This is a shared facility.**

Tea / Coffee facilities	YES
Fridge / freezer	YES
Microwave	YES
Running water	YES

Stage Door:**Access**

Primary Stage Door for the Theatre Royal/Hedberg complex is located in Sun Street (off Collins Street) adjacent to the loading dock facility. Secondary Stage Door is located on Sackville St.

Access during bump-in / out will be controlled by venue staff. During performance access is controlled by venue staff in consultation with hirer.

ADDITIONAL FACILITIES & INFORMATIONOrchestral:

Piano (Yamaha Upright) \$70 per performance, plus tuning if required (approx \$275)

Piano (Yamaha C7: 7 ½ ft) \$120 per performance, plus tuning if required (approx \$275)

Music Stands

14 music stand and (1) conductors stand with sconces plus separate dimmable scone circuit controlled in Prompt Corner.

NOTE: Shared instruments with Theatre Royal – Please check availability.

Rehearsal Space:

N/A

Work Health & Safety

Workplace Health and Safety is paramount at the Theatre Royal.

Any WHS issues or incidents must be reported to venue management. These include, but are not limited to, any injuries, dangers in the workplace or unsafe working practices.

Please check with the Technical Manager regarding risk assessments that may be required or any works which will require statutory licensing such as EWP operation, rigging, electrical work etc.

All set and staging elements must be deemed safe by the Technical Manager; any electrical equipment brought into the theatre must have a current test tag and pass a visual inspection.

Staffing and Scheduling :

A minimum of 2 Theatre Royal technician must be engaged prior to and during a performance. Additional Theatre Royal technical staff may be required dependant on the technical requirements of the event.

Theatre Royal staff are employed by the hour with a minimum (3) hour call Monday to Saturday, minimum (4) hour call on Sundays and Public Holidays. Staff working between midnight and 7am, or on Sundays and public holidays, are subject to overtime rates.

Staff must receive a (10) hour break between finishing work on one day and commencing work on the next day or overtime rates apply.

VENUE:

Web Site: <https://www.theatreroyal.com.au/>

Venue Contacts:

Venue Address **Theatre Royal – Studio Theatre, 29 Campbell St, Hobart, Tasmania, 7000**

Venue Postal Address **Theatre Royal, PO Box 145, GPO Hobart, TAS, 7001**

Box Office

Address **Theatre Royal Box Office, 29 Campbell Street, Hobart**

Opening Hours 9am - 5pm Monday to Friday

Phone Number +61 (03) 6146 3300

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Venue Plans:**Venue Plans Available**

PDF, DWG and VWX available on Theatre Royal website, www.theatreroyal.com.au, see About_ Hiring the Theatre Royal.