



The Athenaeum Theatre

188 Collins Street, Melbourne
(Tel: 03-9650 1500)

A.T. Management Pty Ltd
ABN 250 883 141 94 - ACN 088314191

Technical Specifications

(Revised May 2023)

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Stage Dimensions

Detailed drawings of the venue are included in Appendix 1 of this document. The venue has files of DWG/CAD drawings of the theatre which can be accessed via the Athenaeum Theatre website (<https://www.athenaeumtheatre.com.au/space/athenaeum-theatre-1>).

Proscenium

- Proscenium Opening Width 7120 mm (23' 6")
- Proscenium Height 5170 mm (16' 11")

Stage Depth

- Back wall to setting line 6800 mm (16' 11")
- Back wall to front edge of stage 7900 mm (22' 4")
- Back wall to front edge of stage extension 10000mm (32' 10")

Stage Height

- Stage floor to under fly floor (PS) 5800 mm (19')
- Stage floor to under fly floor (OP) 5800 mm (19')
- Stage floor to head batten (Drift) 12800 mm (42')
- Rake 1:48

Stage Drapes

The Athenaeum has a standard set of theatrical drapes.

- 3 x pair 7.2m x 3.8m black woollen legs
- 1 x pair 6.8m x 4.0m black woollen legs
- 3 x black woollen borders
- 1 x set of black woollen tabs
- 1 x set of Prompt Side (PS) black woollen panorama masking
- 1 x set of Opposite Prompt Side (OP) black woollen panorama masking
- 1 x red velvet house curtain (guillotine action with centre split)
- 1 x white sharkstooth gauze (scrim / eye)
- 1 x black sharkstooth gauze (scrim / eye)

Any set or props on the stage must not interfere with the travel of the fire curtain, located upstage of the proscenium arch.

Auditorium Seating Capacity

Full Venue

Stalls: 452 Dress Circle: 198 Upper Circle: 213 TOTAL: 863

Stage Extension

Stalls: 431 Dress Circle: 198 Upper Circle: 213 TOTAL: 842

Full Orchestra Pit

Stalls: 364 Dress Circle: 198 Upper Circle: 213 TOTAL: 775

Fly System

The fly system is a Counterweight System with a mixture of single and double purchase handlines.

There are 25 fly lines with one house curtain line operated from OP. Two traverse bars are used for PS and OP panorama masking which is operated from PS. The weight load limit on each individual line is 240 kg. This limit must not be exceeded at any time. The maximum total load limit on the fly grid is 4000kg.

Additional to the manual fly lines above the stage is one FOH winch bar (SWL 125 kg/m) with space for additional advance trusses.

Operating Position	Prompt Side for all lines except House Curtain
Total number of Lines	25
Single Purchase	Lines 12 to 25
Double Purchase	Lines 1 to 11
Panorama Lines	2
Line Weight Load Limit	240kg
Fly Grid Total Load Limit	4000kg
Batten Drift	12800mm
Batten Type	Round Pipe
Batten Extensions	N/A
Batten Pick-ups	5 Pickups
LX bars can be swung	YES
Fly bars can be swung	NO

Lighting

The Athenaeum has a standard lighting rig in place with a basic 3 color FOH wash and a LED color wash overstage. The lighting system is not included in the rental of the theatre. There are no moving lights in the house rig. If required, we can arrange a quote for such fixtures. (Please see Appendices 3. Standard Lighting Rig Plan, & 4. Standard Lighting Rig Patch).

Standard Console	ETC Ion XP - Software version 2.92
In-house Dimmers	96 Dimmers (LSC Eko)
Lighting System Power	200 amps
Powerlock	Yes, in dimmer room
3-Phase Outlets	Dimmer Room: 10 x 32amp Wilco Bio Box: 1 x 32amp Wilco OP Stage Level: 3 x 32Amp Wilco (1 used for audio system)

The dimmer room, which is located above the loading dock doors on O.P. side, has a power supply of 200amps. This can be accessed via Power Lock or 10 x Wilco 32amp three-phase outlets. There are three additional Wilco 32amp three-phase outlets (one on stage prompt side, and two in the amp room at stage level prompt side). The bio box also has one Wilco 32amp three-phase outlet.

The dimmer room is accessed by a vertical ladder. Racks will need to be hauled up to the dimmer floor. It is highly recommended that dimmer/distro racks are kept to manageable sizes (i.e. bring sleeves instead of large system racks.)

There are only enough looms and cabling onsite to support the house rig. Extra cabling must be hired when bringing in additional fixtures.

Any lamp stock that requires replacement during the hire must be replaced at the hirer's expense. The venue has limited quantities of gel stock (LEE and some ROSCO). Any additional stock required is a chargeable item.

The venue standard lighting rig must be reinstated at the hirer's cost on completion of the hire.

Sound

FOH Audio

The Athenaeum Theatre has its own CODA sound system with a Digico SD9 console. The console and patching is located at the rear of the stalls on P.S. side in a position that does not require any seats to be put on hold. This location is shared with the lighting console. The sound system is not included in the rental of the theatre.

Console DiGiCo SD9 running standard Core 2 1528 release software
2 x DiGiCo D-Racks - one with output extender for 64 analogue stage inputs and 24 analogue stage outputs (Located on Prompt Side)
Two Red boxes, allowing for integration of a separate monitor control surface

System Processing Xilica Solaro FR1-D with 16 analogue inputs and 16 analogue outputs
64*64 channel integrated Dante interface (32*32 at 96k house default)
10.1" Touch control surface
Two (2) Ubiquiti Edge Router X SFP (one Primary, one Secondary Dante networks)

Speaker Arrays

Lip Fill Four (4) Coda D5 point source cabinets
Coda C5 Amplifier

Front Fill Coda 512 Point Source Left and Right
Coda DNC260 Processor
Camco V6 Amplifier

Stalls Array Four (4) elements of Coda LA4 with LA4-SUB flown Left and Right
Coda DNC260 Processor
Two (2) Camco V6 Amplifiers

Stalls Sub Two (2) LA4-SUB Left and Right
Coda DNC260 Processor
Camco V6 Amplifier

Stalls Delay Four (4) Coda D5 point source cabinets
Coda C5 Amplifier

Circle Array Two (2) Coda CoRay column elements Left and Right
Coda DNC260 Processor
Camco V6 Amplifier

Circle Fill Four (4) Coda D5 point source cabinets
Coda C5 Amplifier

Balcony Array Four (4) elements of Coda LA4 with LA4-SUB flown Left and Right

Balcony Fill	Coda DNC260 Processor Two (2) Camco V6 Amplifiers Four (4) Coda D5 point source cabinets Coda C5 Amplifier
Stage Monitors	Six (6) Nexo PS10R1 cabinets Nexo 4*1 NXAmp Integrated 4 channel amplifier (4 sends)

Please note that the venue does not have any microphones on site.

Any microphones, radio systems, stands, music stands or cabling required can be provided to individual specification at additional cost. Please ask the Production Manager for a quotation.

Backstage Audio

There is a theatre program (Tannoy) and stage management paging system to all dressing rooms and the basement sub-stage area and Green Room. This system includes show feed and a paging microphone.

Talkback System

There is a cable Jands Ezicom talk back headset system, comprising a single loop master station situated in prompt corner with three slave units. There are no wireless beltpacks.

Orchestra Pit

Dimensions:	6900mm length by 2300mm width.
Depth (Stage Level to Pit Floor)	1800mm

The pit can seat up to 40 musicians. The access is via a door at the back of the pit, which leads into the under-stage area. If the pit is required to be used, the cost of removing the stage floor covering the pit will be charged to the hirer for both the removal and reinstatement at the end of the hire.

As an alternative to using the orchestra pit, the first three rows of seating in the stalls can be removed to accommodate a small orchestra configuration.

Venue Access

Loading Dock - Athenaeum Place (Off Little Collins Street)

Height Clearance	3700mm
Loading Dock Doors	3200mm wide x 4100mm high
Loading Dock door height above stage	1100mm (Ramp available)
Vehicle Type Restrictions	3 Tonne capacity and below only

Collins Street (Front entrance)

Doors	1300mm wide x 2020mm high
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The Athenaeum Theatre has limited access to the backstage loading dock, as the laneway is privately owned by the Victoria Hotel. Any access to the laneway must be negotiated with the hotel by the Theatre Production Manager in advance. Access is not possible outside the hours of 8am to 6pm.

Otherwise all deliveries, bump-in and bump-outs must be via the front doors on Collins street and organized in advance with the Theatre Production Manager.

Please note that each day between 12pm and 2pm bollards are put in place in Little Collins Street outside the Victoria Hotel, preventing access to Athenaeum Place. It is not possible to have these bollards removed.

Parking Permits

Parking permits for Collins Street and Little Collins Street can be obtained by the hirer from Melbourne City Council using this link: <https://www.melbourne.vic.gov.au/parking-and-transport/parking/parking-permits/parking-business-special/pages/parking-for-business-and-special-events.aspx>

Dressing Rooms

	Persons	Wash Basin	Notes
Dressing Room 1	4	Yes	
Dressing Room 2	3	Yes	
Dressing Room 3	3	Yes	
Dressing Room 4	3	Yes	
Dressing Room 5	3	Yes	
Dressing Room 6	8	Yes	Includes shower and toilet

There are six dressing rooms located on OP over two levels. Each dressing room is equipped with mirrors, make-up lights and air-conditioning.

Toilets are on both levels and basic shower facilities on level 2 are also available.

Green Room

There is a large Green Room located directly under the stage. It has a kitchen and refrigerator. Space is often utilized in the Green Room for wardrobe, hair, mic up and make-up.

Sub-stage Crossover

A crossover corridor is situated in the basement sub-stage, behind the Green Room. The Green Room itself can also be utilised as a crossover.

Laundry

A laundry with washing machine and two dryers is available, located on level 1.

ADDITIONAL INFORMATION

Contact Information

Athenaeum Theatre Production Manager

Mick Bell – 0437 120 810 – mickjbell@bigpond.com

Please make contact with Mick at least 4 weeks prior to your event taking place to plan all the technical requirements and schedules for your event.

Athenaeum Theatre Box Office

03 9650 1500 – boxoffice@athenaeumtheatre.com.au

Fire Services

If a production uses any type of naked flame on stage, a fire permit must be obtained from the Melbourne Fire Brigade. This must be organised with the Theatre Production Manager prior to bump-in. If a production involves anything that is likely to cause smoke, the Theatre Production Manager must approve this.

Any charges arising from false fire alarms, including the cost of the fire brigade attendance is the responsibility of the hirer. Hirers are requested to ensure that all fire regulations are respected and that passageways and exits are kept free from obstructions.

Insurance

Please ensure that all company members that come into the theatre are covered by insurance. This includes all volunteers and people on work experience. All equipment and other personal items brought into the theatre by the hirer needs to be insured by the hirer.

Delivery of Staging and Equipment

All deliveries must be coordinated with the Theatre Production Manager. All equipment, staging and rubbish must be removed immediately after the bump-out. Anything left at the

venue for more than one day after the bump-out will be removed from the theatre at the hirer's expense.

Security

We request that hirers be conscious of the need to always keep the building secure and to ensure that dressing rooms are kept locked when not being used and to keep the rear fire exit door closed at all times when the exit is not attended.

Wi-Fi

A limited wifi network operates throughout the venue. It is accessible in most spaces across the venue. The Wi-Fi network is not suitable for live streaming.

Production Manager's Authority

The Theatre Production Manager has the right to stop any activity that deemed unsafe to any person or threatening to the well-being of the theatre. The Theatre Production Manager can take appropriate action, delegate authority and issue instructions to mitigate any such situation. He also has the right and authority to amend or deem unfit any set, props or technology brought in with the production if it is found to be unsafe.

Safety Issues:

- All electrical equipment brought into the venue must be tested and tagged.
- All lamps brought into the venue must have an accompanying safety chain.
- The Production Manager must approve all floor electrics.
- The Production Manager must approve all cable runs.
- Live flame is not permitted on stage unless an appointed MFB fire warden is on hand.
- Pyrotechnics must be discussed prior to the event and will only be permitted to be handled by registered personnel. All pyrotechnic effects must be demonstrated to be safe with a dry trial before performers are allowed to share the stage. Any pyro sequence must be well rehearsed with every cast and crew member.
- Use of the upright lift is at the discretion of the Technical Manager and must not be used without permission.
- ALL Clients must submit all OH&S documentation before the event.

Rigging and Fly Operation:

- Venue rigging must be under the supervision of a venue rigger / qualified fly-person at all times.
- The fly system must only be operated by a venue rigger / qualified fly-person.
- FOH winch bars must only be operated by a venue rigger / qualified fly-person.
- All flown scenery must pass inspection by the Venue Tech / qualified rigger.
- All flown flats constructed of wood must be rigged under compression and not suspension (with rigging mounted at the base of the flat).

- Before designing the fly schedule, it is imperative the unique aspects of the house rig are taken into consideration including depth between lines, various end heights of batons, various swl's. An inappropriate Fly Schedule will result in either the change of the schedule to a safer option or disqualification of the offending constructions.

Smoking & Vaping

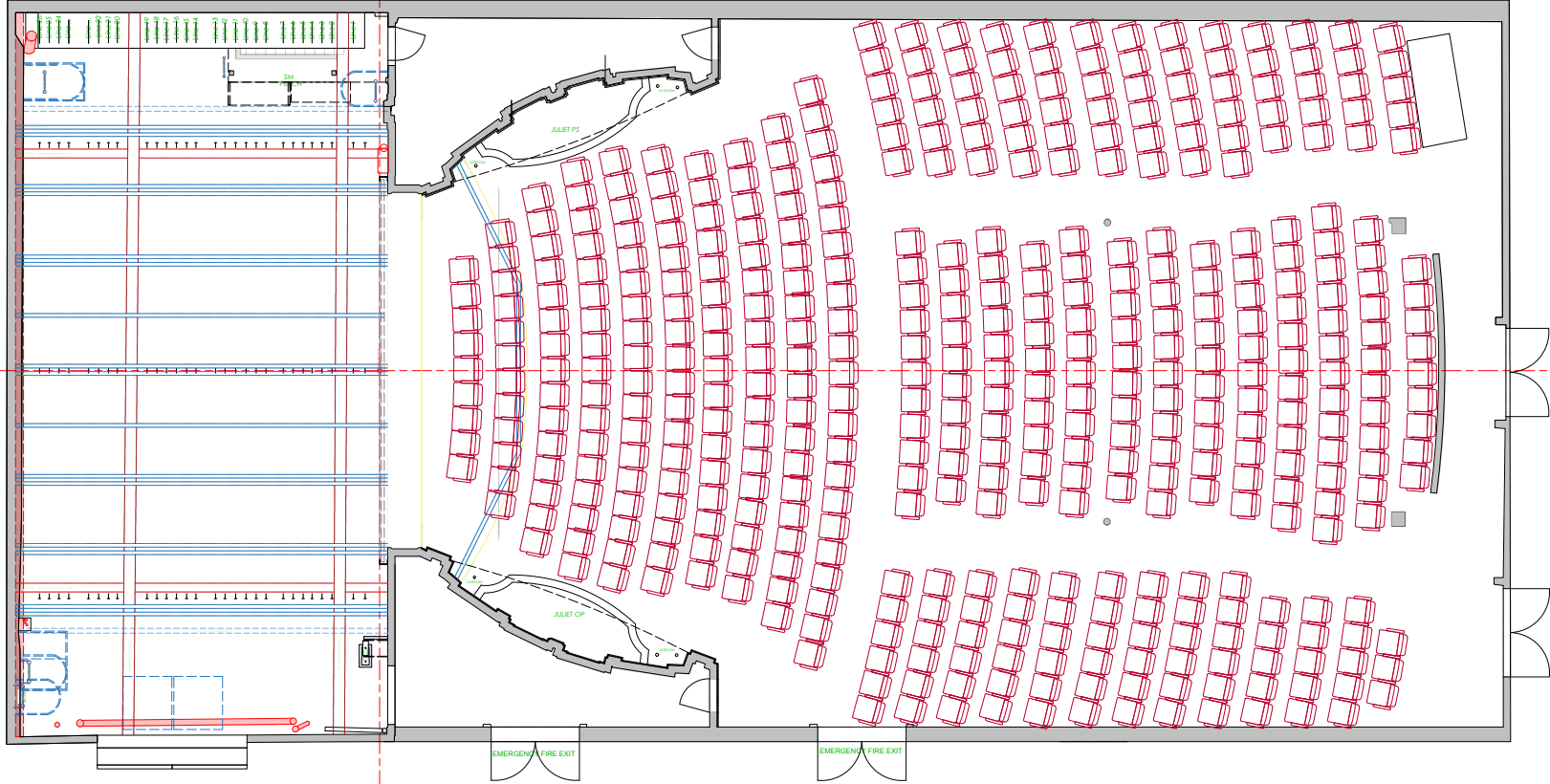
We respectfully ask that all performers, technical staff and other company members who wish to smoke or vape, do so outside the rear of the building and well away from the fire exit doors. The venue has zero tolerance for vaping inside the building. Please ensure that all cigarette butts are placed in a suitable receptacle and not thrown on the ground.

Food and Drink

No food or drinks are to be consumed on stage.

Waste Management

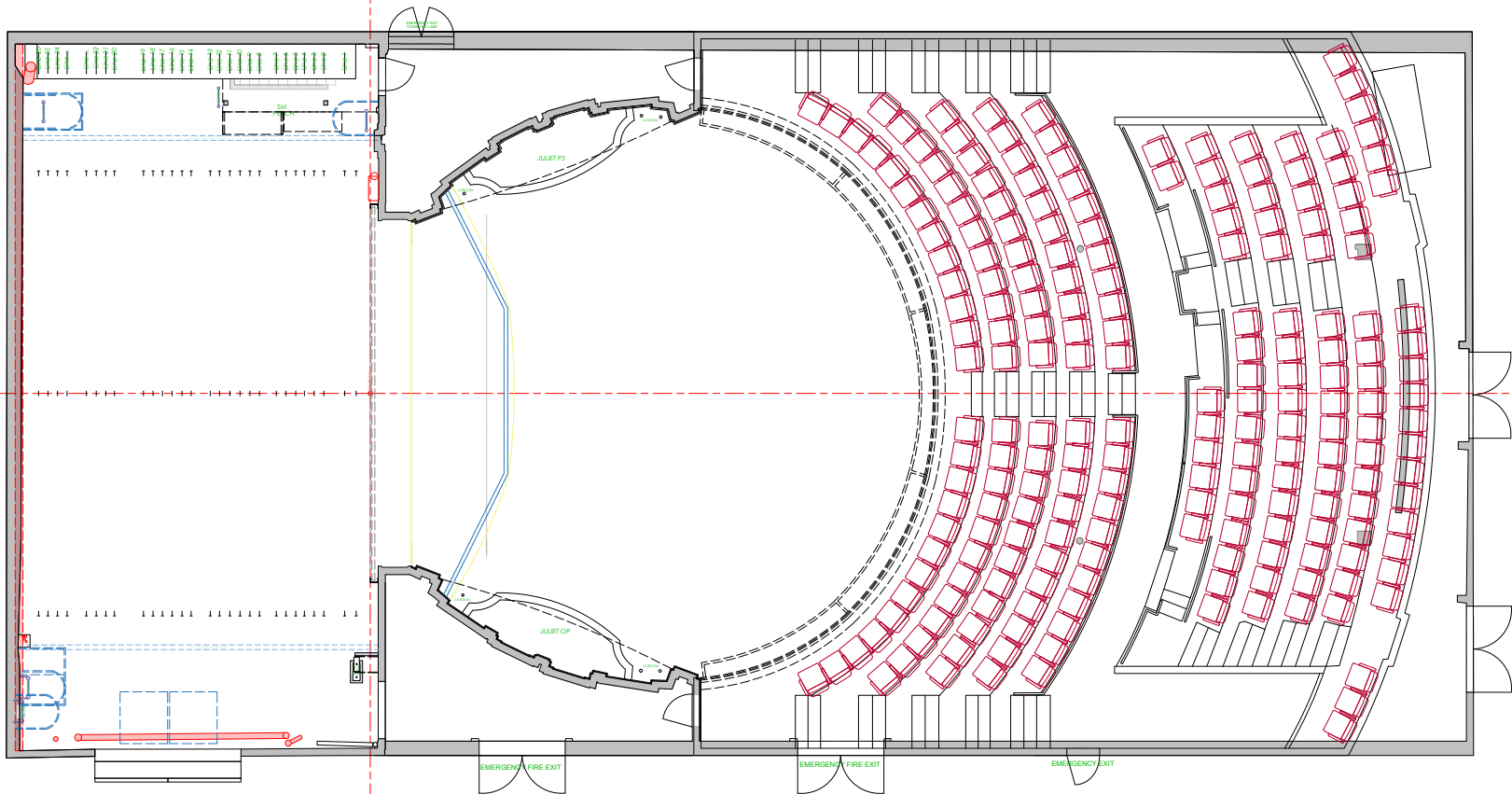
All waste and extraneous items must be removed from the theatre at the end of the bump-out. Only limited amounts of waste can be disposed of using the theatre dumpsters.



Revision(A):
Notes

0655
ATHENAEUM
THEATRE
Athenaeum Theatre
101 - VENUE PLANS
PLAN
001 A
100 A1
DISTRIBUTION
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Revision(A):
Notes

0655

ATHENAEUM

THEATRE

001 - VISUAL PLANS

PLAN (Grand Circle)

005 A

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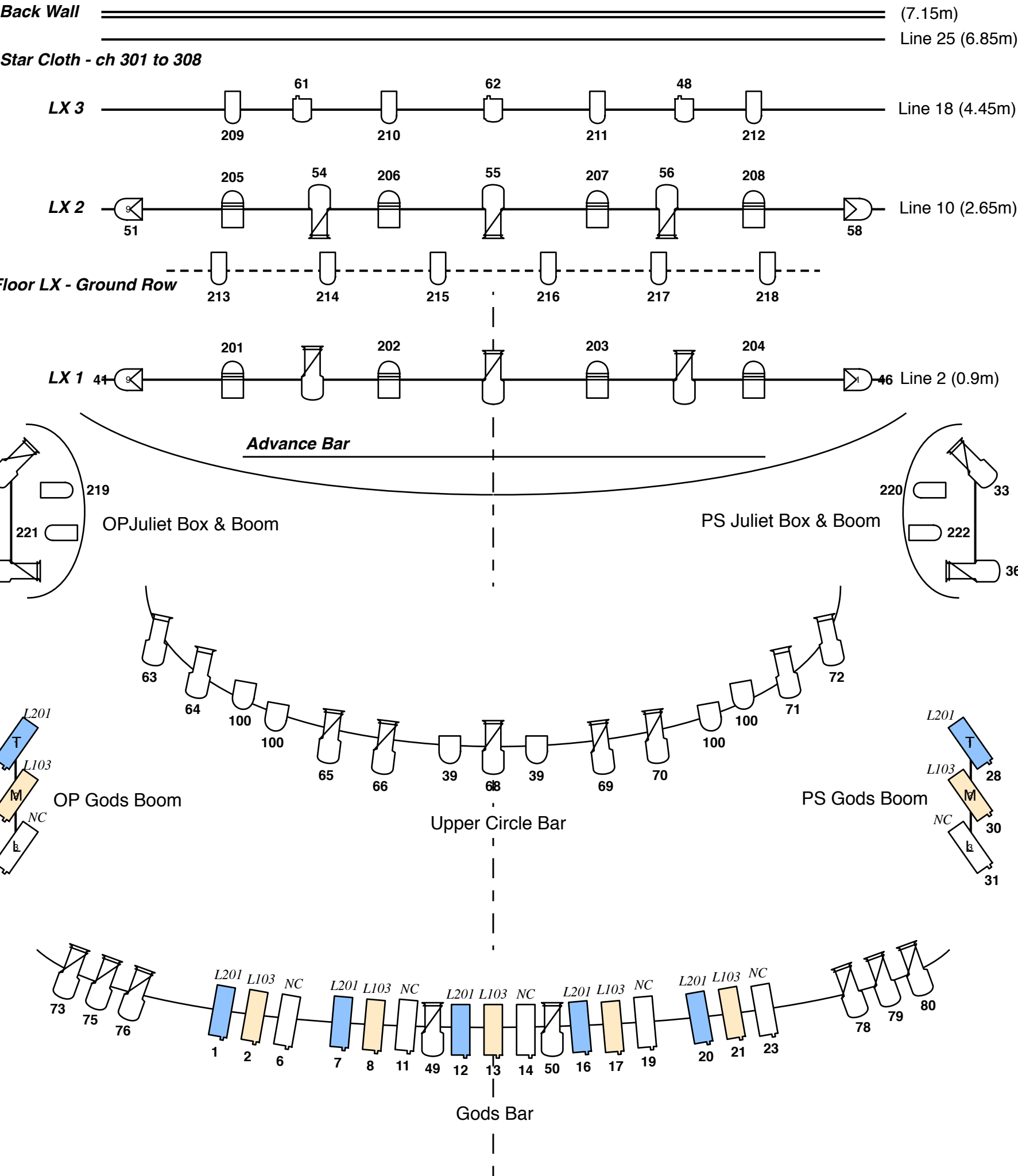
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ATTO

ATH - FLY LINES & WEIGHT COUNT (23 APRIL 2022)

LINE	DESCRIPTION	FROM SETTING LINE (mm)	FULL (12KG)	HALF (6KG)	WEIGHT (KGS)
0	HOUSE CURTAIN	170	6		72
1	BORDER 1	450	4		48
2		900	0		0
3	HOUSE LX 1	1100	10		120
4	LEGS 1	1300	4		48
5		1500	1		12
6		1700	1		12
7		1900	15		180
8	BORDER 2	2250	5		60
9	LEGS 2	2450	3	6	72
10	HOUSE LX2	2650	20		240
11		2850	0		0
12	TAB WITH SPLIT	3050	7		84
13	PROJECTION SCREEN	3250	3		36
14		3650	0		0
15	BORDER 3	3850	2		24
16	LEGS 3 & WORK LIGHTS	4050	3	1	42
17		4250	0		0
18		4450	6		72
19		4650	0		0
20	STAR CLOTH	5250	2	1	30
21		5450	0		0
22		5650	2	1	30
23		5850	1		12
PS	PROMPT SIDE MASKING		2	2	36
OP	OP SIDE MASKING		5		60
24		6650	0		0
25	SMOTHER	6850	4		48
	BACK WALL	7150			
WEIGHT IN RIG			106	11	1338
SPARE WEIGHTS			117	39	1638
TOTAL WEIGHT			223	50	2976



ATHENAEUM THEATRE - MELBOURNE
STANDARD LIGHTING RIG - 8/2/2022
(not to scale)

KEY		
Colour	Cantata 11/26 Pacific 14/35 LED Par (RGB) LED Par (RGBAWUV)	PC Pacific 23/50 Par 64 WFL

ATHENAEUM THEATRE - STANDARD LIGHTING RIG

DATE: 10th May 2023

SHOW-FILE NAME:

HOUSE CONSOLE: ETC ION (firmware version: 2.9.2 BUILD 8)

LX 1 - RED (LINE 3)

FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	LOOM	FOCUS
Par 64 (240v) OW	41	83		212	OP	1	Side wash
						2	
						3	
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	201		201	Hot		4	Down
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	202		207	Hot		4	Down
Selecon Pacific 1Kw (14/35)	43	84		213		5	
Selecon Pacific 1Kw (14/35)	44	85		214	CTR	6	
						7	
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	203		213	Hot		8	Down
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	204		219	Hot		8	Down
Selecon Pacific 1Kw (14/35)	45	86		216		9	
						10	
						11	
Par 64 (240v) OW	46	87		217	PS	12	Side wash

LX 2 - ORANGE (LINE 10)

FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	LOOM	FOCUS
Par 64 (240v) OW	51	88		221	OP	1	Side wash
		89		222		2	
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	205		225	Hot		4	Down
Selecon Pacific 1Kw (14/35)	54	90		219		3	D/S - Gobo (breakup)
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	206		231	Hot		4	Down
						5	
						6	
Selecon Pacific 1Kw (14/35)	55	91		224	CTR	7	D/S - Gobo (breakup)
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	207		237	Hot		8	Down
Selecon Pacific 1Kw (14/35)	56	92		225		9	D/S - Gobo (breakup)
Chauvet COLORdash Par-Hex 12 LED (RGBAWUV)	208		243	Hot		8	Down
						10	
						11	
Par 64 (240v) OW	58	93		227	PS	12	Side wash

LX 3							
FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	LOOM	FOCUS
					OP	1	
						2	
TRI-LED Par (iRGBSM)	209		249	Hot		4	U/S
1 Kw PC	61	94		231		3	M/S
TRI-LED Par (iRGBSM)	210		255	Hot		4	U/S
						5	
						6	
1 Kw PC	62	95		232		7	M/S
TRI-LED Par (iRGBSM)	211		261	Hot		8	U/S
1 Kw PC	48	96		233		9	M/S
TRI-LED Par (iRGBSM)	212		267	Hot		8	U/S
						10	
						11	
					PS	12	
STAGE - FLOOR LX							
FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	LOOM	FOCUS
Star Cloth - Dimmer	301		301	Hot	Fly 25		
Star Cloth - Strobe	302		302	Hot			
Star Cloth - Patterns	303		303	Hot			
Star Cloth - Pattern Speed	304		304	Hot			
Star Cloth - Half Blue	305		305	Hot			
Star Cloth - Half White	306		306	Hot			
Star Cloth - Half Blue	307		307	Hot			
Star Cloth - Half White	308		308	Hot			
TRI-LED Par (RGB) - ground row	213		401	Hot	Floor	1	Up-light
TRI-LED Par (RGB) - ground row	214		404	Hot	Floor	2	Up-light
TRI-LED Par (RGB) - ground row	215		407	Hot	Floor	3	Up-light
TRI-LED Par (RGB) - ground row	216		410	Hot	Floor	4	Up-light
TRI-LED Par (RGB) - ground row	217		413	Hot	Floor	5	Up-light
TRI-LED Par (RGB) - ground row	218		416	Hot	Floor	6	Up-light
Hazer	511		511	Hot	Floor		
Hazer	512		512	Hot	Floor		

ADVANCE BAR #1							
FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	LOOM	FOCUS
						1	
						2	
						3	
						4	
						5	
						6	
						7	
						8	
						9	
						10	
						11	
						12	
JULIET BOOM & BOX - OPPOSITE PROMPT SIDE							
FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION		FOCUS
Selecon Pacific 1Kw (14/35) - U/S Boom	34	34		152			
Selecon Pacific 1Kw (14/35) - D/S Boom - Conductor's special	47	35		153			
TRI-LED Par (RGB) - Juliet	219		419	166 - Hot	Floor		Up-light - Juliet
TRI-LED Par (RGB) - Arch	221		425	166 - Hot	Floor		Up-light - Arch
JULIET BOOM & BOX - PROMPT SIDE							
FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION		FOCUS
Selecon Pacific 1Kw (14/35) - U/S Boom	33	58		171		no fixture	
Selecon Pacific 1Kw (14/35) - D/S Boom - Conductor's special	36	59		172			
TRI-LED Par (RGB) - Juliet	220		422	186 - Hot	Floor		Up-light - Juliet
TRI-LED Par (RGB) - Arch	222		428	186 - Hot	Floor		Up-light - Arch
UPPER CIRCLE BAR							
FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION		FOCUS
Par 64 - 120v - Curtain warmer OP - Amber	100	19		108			House curtain
Par 64 - 120v - Curtain warmer OP - Amber	100	19		108			House curtain
Selecon Pacific 1Kw (14/35)	66	14		103			
Selecon Pacific 1Kw (14/35)	67	15		104			
Par 64 - 120v - Audience & Treads Wash OW	39	81		69			Seating & Treads
Selecon Pacific 1Kw (14/35) - CTR	68	82		70	CTR		Gobo - Glass
Par 64 - 120v - Audience & Treads Wash OW	39	81		69			Seating & Treads
Selecon Pacific 1Kw (14/35)	70	80		68			
Selecon Pacific 1Kw (14/35)	69	79		67			
Par 64 - 120v - Curtain warmer PS - Amber	101	75		63			House curtain
Par 64 - 120v - Curtain warmer PS - Amber	101	75		63			House curtain
					PS		

GODS PERCH - OPPOSITE PROMPT SIDE

FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	FOCUS
Strand Cantata 1.2Kw (11/26) - upper - cool	24	8		113		
Strand Cantata 1.2Kw (11/26) - middle - warm	26	32		114		
Strand Cantata 1.2Kw (11/26) - lower - O/W	27	56		115		

GODS PERCH - PROMPT SIDE

FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	FOCUS
Strand Cantata 1.2Kw (11/26) - upper - cool	28	9		118		
Strand Cantata 1.2Kw (11/26) - middle - warm	30	33		119		
Strand Cantata 1.2Kw (11/26) - lower - O/W	31	57		120		

GODS BAR - FRONT WASH

FIXTURE	CHANNEL	DIMMER	ADDRESS	PATCH	POSITION	FOCUS
Selecon Pacific 1Kw (23/50)	73	1		17	OP	
Selecon Pacific 1Kw (23/50)	75	25		18		
Selecon Pacific 1Kw (23/50)	76	49		19		
Strand Cantata 1.2Kw (11/26) - cool	1	2		20		
Strand Cantata 1.2Kw (11/26) - warm	2	26		21		
Strand Cantata 1.2Kw (11/26) - O/W	6	50		22		
Strand Cantata 1.2Kw (11/26) - cool	7	3		28		
Strand Cantata 1.2Kw (11/26) - warm	8	27		29		
Strand Cantata 1.2Kw (11/26) - O/W	11	51		30		
Strand Cantata 1.2Kw (11/26) - cool	12	4		34		
Strand Cantata 1.2Kw (11/26) - warm	13	28		36		
Strand Cantata 1.2Kw (11/26) - O/W	14	52		37		
Selecon Pacific 1Kw (23/50)	15	10		38	CTR	
Strand Cantata 1.2Kw (11/26) - cool	16	5		40		
Strand Cantata 1.2Kw (11/26) - warm	17	29		41		
Strand Cantata 1.2Kw (11/26) - O/W	19	53		42		
Strand Cantata 1.2Kw (11/26) - cool	20	6		47		
Strand Cantata 1.2Kw (11/26) - warm	21	30		48		
Strand Cantata 1.2Kw (11/26) - O/W	23	54		49		
Selecon Pacific 1Kw (23/50)	78	7		52		
Selecon Pacific 1Kw (23/50)	79	31		53		
Selecon Pacific 1Kw (23/50)	80	55		54	PS	