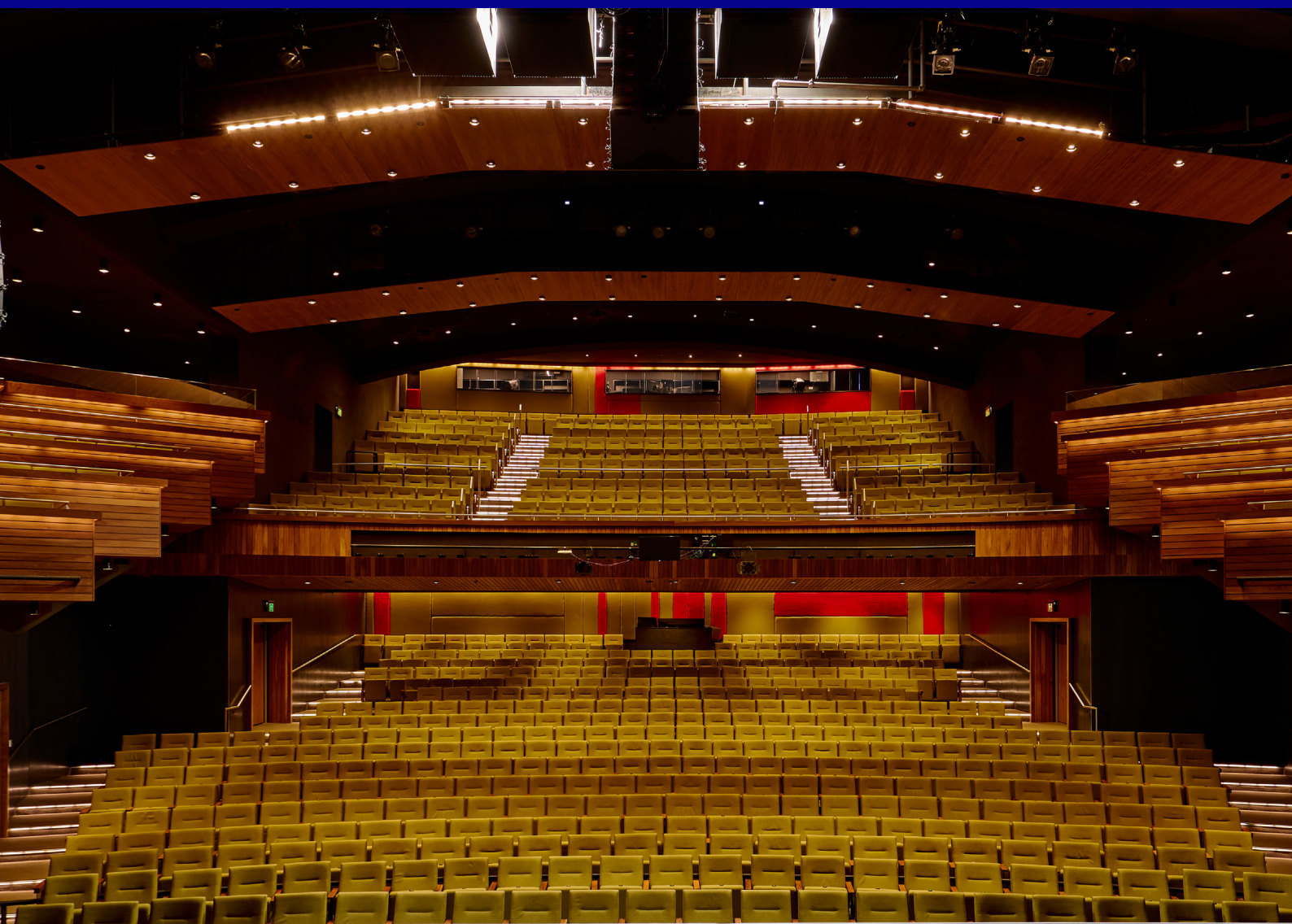


TECHNICAL SPECIFICATION

THE PLAY HOUSE

GEELONG ARTS CENTRE
50 LITTLE MALOP STREET
GEELONG, VICTORIA, 3220

geelong
arts
centre



CONTENTS

Venue Overview.....	3
Auditorium Seating	3
Production Desk Positions	3
Fire Safety.....	3
Electrical Safety	3
Loading Dock.....	4
Access For Scenery	4
Dimensions.....	5
Proscenium.....	5
Stage	5
Width Between Fly Galleries.....	5
O.P. Wing Dimensions	5
Orchestra Pit	6
Orchestra Pit Dimensions	6
Under Stage Section Dimensions.....	6
Stage Machinery	6
Fly Bars	6
Panorama Bars	6
Access Equipment	6
Standard Hanging Plot	7
Stage Drapes	8
Legs	8
Borders	8
Tabs	8
Cyclorama.....	8
Scrims	8
House Tabs & House Tab Border.....	8
Stage Management Control System	9
Stage To Auditorium Paging	9
Pre-Show Announcements	9
Audio Facilities	9
Loudspeaker System	9
Speaker Trim Height	9
Drive And Control	9
Mixing Console.....	9
Playback.....	10
Other Equipment.....	10
Cabling	10
Audio Power	10
Projection Facilities.....	10
Projector	10
Screen	10
Lighting Facilities	11
Main Lighting Control Desk	11



Lighting Data Network.....	11
Dimmers	11
Front of House Lighting Locations.....	11
Stage	11
Luminaire Allocation	12
Lighting Power	12
Dressing Rooms & Facilities	13
Wardrobe Facilities.....	14
Additional Equipment	14
Outside Broadcast Facilities.....	14
Rehearsal Rooms	15
Access & Parking	15
Contacts.....	16

VENUE OVERVIEW

The inclusion of a balcony in the design of this 764-seat proscenium arch theatre provides a warm, magical atmosphere popular with performers and audiences alike.

The fly tower, excellent technical facilities, spacious dressing rooms and Green Room area makes the theatre suitable for a wide variety of large events. The venue is extensively used for live theatre, major concerts, dance performances, and corporate launches.

Multiple redevelopments have seen grand improvements in The Playhouse including refurbishment of the auditorium with all seating replaced. Most recently the theatre received upgraded technical systems including the installation of new digital dimmer racks and lighting outlets, a new Martin PA system with centre and side arrays on power winches, and a new single purchase front loading counterweight flying system, significantly increasing the capacity of each line set.

The lift control system in the forestage orchestra pit features significant safety enhancements. A new mobile Stage Management Console provides talkback, paging and program relay to all backstage areas.

Facilities outside of the footprint of the existing fly tower were replaced with new facilities for artists and crew. These include dressing rooms, green rooms, laundry with a drying room, visiting company office and crew room.

AUDITORIUM SEATING

Capacity	764
Stalls	458
Balcony	306

Wheelchairs can be accommodated by prior arrangement.

Additionally, the use of the Orchestra Pit/ Thrust Stage &/ or Production Desk Positions will impact the number of seats available for sale.

PRODUCTION DESK POSITIONS

House seating can be removed to facilitate production equipment and operation. Any removal of seating must be confirmed prior to tickets going on sale.

Removable seating is only available in the following locations:

Mid Stalls Centre: L14-21 & M14-21

Balcony Centre: E14-19 & F14-19

FIRE SAFETY

All scenery and staging elements must be adequately flame proofed.

ELECTRICAL SAFETY

All electrical equipment must display a current Test Tag.

LOADING DOCK

Loading Dock 1 is the main loading dock for the Playhouse.
The entrance to the loading dock is fitted with a roller door.

LOADING DOCK 1:

Access: Via Police Lane of Little Malop Street. Vehicles must depart via Ryrie Street

Loading Bay Entrance	Width	3,600mm
	Height	4,500mm
Dock Height		1,200mm
Length of loading bay Roller door to Bumpers in front of the dock		1,9500mm

Dock Leveller	Safetech	
Dimensions	Length	2,820mm
	Width	2,110mm
Lip Depth	490mm	
Lip Width	1,950mm	
Nominal Overall Travel Up	750mm	
Nominal Travel Down	195mm	
Dock Leveller Rollover Capacity	1,2500kg	

Geelong Arts Centre must be informed of all vehicle weight and sizes a minimum of 2 weeks prior to arrival.
If this information is not received, then dock/venue access will not be granted.

ACCESS FOR SCENERY

Is directly from the loading dock through the scene dock onto the Playhouse stage through two sets of doors.

OUTER DOORS

Width: 2,748mm
Height: 5,058mm

INNER DOORS

Width: 2,180mm
Height: 4,800mm

DIMENSIONS

PROSCENIUM

Width: 12.13m Height: 7.78m

STAGE

DEPTH

Front of stage to setting line 1.27m
(Stage edge to proscenium opening)

Depth from front edge
of stage to back wall..... 12.81m

STAGE WIDTH

Wall to wall 26.64m
O.P. from centre 15.5m
P.S. from centre..... 11.14m
P.S. from centre to hand flies 10.45m

STAGE SURFACE

Rake – Nil
Material – Timber (Masonite covered) 3 cm
Masonite width (equal on centre line) 17.364m
Wings – concrete
All flush

STAGE HEIGHT

To underside of grid 18.22m
Under fly galleries 8.5m
Clear space under fly galleries 7.285m
Loading Bay 16.715m

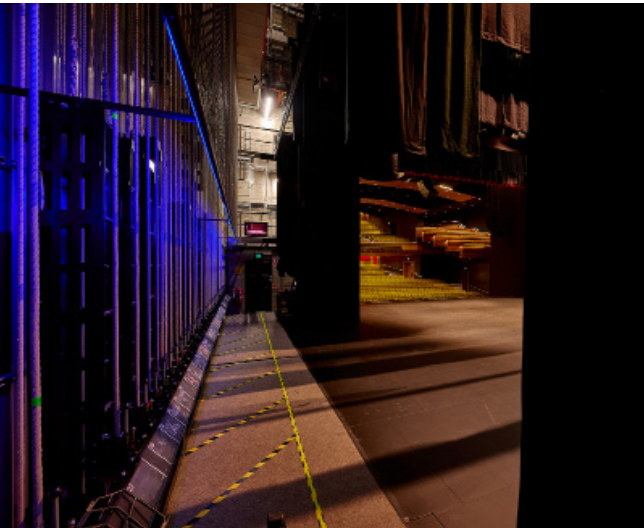
STAGE TRAP

Nil

WIDTH BETWEEN FLY GALLERIES

O.P. WING DIMENSIONS

Width 6.7m
Depth 11.3m
Height 7.4m



ORCHESTRA PIT

Orchestra Lift (Crescent shaped) - Electrically operated by Acme thread screws, the orchestra lift may be used in a number of ways:

1. As forestage at stage level
2. As additional two rows of seating at auditorium level - 1.3m below stage level (standard position)
3. As an Orchestra Pit - 2.44m below stage
4. As a platform self-locking at any position between Orchestra Pit level and Stage level

ORCHESTRA PIT DIMENSIONS

13.88m	12.66m	2.7m	1.57m
Radium front, wall to wall straight across	Straight back	Width at centre	Width at walls (on a slight angle)

Designed for 50 musicians

UNDER STAGE SECTION DIMENSIONS

1.8m	12.165m	2.085m	2.25m
Width	Length	Height at the back	Height at the front

STAGE MACHINERY

FLY BARS

45 single purchase counter-weight sets, with 450kg barrel weight limit evenly distributed.
Operated from stage floor, prompt side.

PANORAMA BARS

2 single purchase counter-weight sets, with 450kg barrel weight limit evenly distributed.
Operated from stage floor, prompt side.

ACCESS EQUIPMENT

Haulotte Optimum 8AE Scissor Lift (Max Platform Height: 5770mm)

JLG 20MVL – self-propelled elevating work platform (Total Weight: 1050kg. Max Platform Height: 5.94m).

STANDARD HANGING PLOT

Line Type: SP - Single purchase, MW = Motor Winch, HW = Hand Winch, HL = Handline,

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

LINE #	DISTANCE FROM SL	TYPE	W.L.L	VENUE ALLOCATION	INTENDED USE (hiring company use)
1	235mm	SP	450kg	Pelmet	Not Available for Use
2	435mm	SP	450g	House Curtain	Not Available for Use
3	635mm	SP	450kg		
4	835mm	SP	450kg	LEGS 1	
5	1,035mm	SP	450kg		
6	1,235mm	SP	450kg	Lighting Bar 1 + F/B	
7	1,435mm	SP	450kg		
8	1,635mm	SP	450kg		
9	1,835mm	SP	450kg		
10	2,035mm	SP	450kg		
11	2,235mm	SP	450kg	BORDER 1	
12	2,435mm	SP	450kg	LEGS 2	
13	3,060mm	SP	450kg		
14	3,260mm	SP	450kg		
15	3,460mm	SP	450kg		
16	3,660mm	SP	450kg		
17	3,860mm	SP	450kg		
18	4,060mm	SP	450kg	BORDER 2	
19	4,260mm	SP	450kg	LEGS 3	
20	4,460mm	SP	450kg	Lighting Bar 2	
21	4,660mm	SP	450kg		
22	4,860mm	SP	450kg		
23	5,060mm	SP	450		
24	5,360mm	SP	450kg	Mid Stage Tabs	
25	5,660mm	SP	450kg	LEGS	
26	6,100mm	SP	450kg		
27	6,300mm	SP	450kg		
28	6,600mm	SP	450kg		
29	6,900mm	SP	450kg	BORDER 3	
30	7,100mm	SP	450kg	LEGS 4	

LINE #	DISTANCE FROM SL	TYPE	W.L.L	VENUE ALLOCATION	INTENDED USE (hiring company use)
31	7,300mm	SP	450kg	Lighting Bar 3 + F/B	
32	7,500mm	SP	450kg		
33	7,700mm	SP	450kg	Lighting Bar 4	
34	7,900mm	SP	450kg		
35	8,100mm	SP	450kg		
36	8,300mm	SP	450kg	3/4 STAGE TEABS	
37	8,600mm	SP	450kg		
38	9,150mm	SP	450kg	BORDER 4	
39	9,350mm	SP	450kg	LEGS 5	
40	9,550mm	SP	450kg	Lighting Bar 5	
41	9,750mm	SP	450kg	Full Stage Black Tabs	
42	9,950mm	SP	450kg	Panorama Bar - OP Side	
43	10,150mm	SP	450kg		
44	10,350mm	SP	450kg	Panorama Bar - PS	
45	10,550mm	SP	450kg	Cyclorama	

STAGE DRAPES

LEGS

Five pair of 9.6m drop x 4.6m wide
Material: Black wool 528g/sq.m, Slight Fullness

BORDERS

Five of 3.0m drop x 17.7m wide
Material: Black wool 528g/sq.m, No Fullness

TABS

Three pair of 9.6m drop x 17.7m combined width with overlap for French Action
Material: Black wool 528g/sq.m, Slight Fullness

CYCLORAMA

9.26m drop x 16.35m wide
Material: White Filled Shark Tooth

SCRIMS

2 x black & 1 x white cotton scrims are available
9m x 16m

HOUSE TABS & HOUSE TAB BORDER

Red Velvet Curtain on tormentor wires to cover Proscenium opening, with fullness. Can be flown.

Top Masking for house curtain, same material as house curtain.

STAGE MANAGEMENT CONTROL DESK

Paging and programme relay to all backstage areas
Talkback communication to all production areas
Cue light system (7 2-channel sets available)
CCTV monitoring of stage
Dimmable desk lamps

The Stage Manager's Control system may be operated from DSPS or DSOP.

PRE-SHOW ANNOUNCEMENTS

Geelong Arts Centre has a pre-recorded announcement that is played prior to all performances in our theatres. The announcement will be played as the theatre goes to blackout prior to the start of the show. If you believe playing the message at this time will affect the artistic integrity of your show, please discuss the timing with the Supervising Technician on duty. It may be possible to play it 3 minutes before curtain as the audience are still coming into the house.

STAGE COMMUNICATION

Riedel Artist 1024 Communications System
PunQtum Q210 Speaker Stations
7x Bolero Wireless Beltpack
6x Wired Beltpack

AUDIO FACILITIES

LOUDSPEAKER SYSTEM

THE SPEAKER SYSTEM IS A MARTIN AUDIO WPS LINE ARRAY CONFIGURED AS A LEFT, CENTRE, RIGHT SYSTEM WITH A CENTRE CLUSTER OF MARTIN AUDIO SXCF118 SUB-WOOFERS. THE LINE ARRAYS AND SUB-WOOFERS ARE BEAM STEERED TO PROVIDE SUPERIOR SIGNAL-TO-NOISE PERFORMANCE ON STAGE OFFERING A MORE STABLE AND DYNAMIC SOUND SYSTEM.

TO COMPLEMENT THE MAIN SPEAKER SYSTEM, MARTIN AUDIO CDD5 SPEAKERS PROVIDE FRONT FILL REINFORCEMENT AND MARTIN AUDIO CDD8 SPEAKERS PROVIDE REINFORCEMENT FOR BOTH THE STALLS AND BALCONY LEVELS.

ALL LOUDSPEAKERS ARE INTEGRATED TOGETHER TO PROVIDE A COHERENT AND CONSISTENT FREQUENCY RESPONSE ACROSS ALL SEATING AREAS WITHIN THE VENUE AND EXCELLENT ACOUSTIC IMAGING TO THE STAGE AREA.

ADDITIONAL MARTIN AUDIO GROUND-STACKED SUB-WOOFERS ARE AVAILABLE UPON REQUEST

DRIVE AND CONTROL

MARTIN AUDIO IK42 & IK81 AMPLIFIERS QSC CX-Q 4K8 & CX-Q 2K4 AMPLIFIERS

QSC Q-SYS CORE

EXTERNAL CONNECTIVITY AVAILABLE USING THE IN-HOUSE DISTRIBUTED BALANCED ANALOGUE AUDIO PATCHING INFRASTRUCTURE.

MIXING CONSOLE

DiGiCo SD12

1x SD Rack connected to SD12 via optical loop

I/O – 6x Mic/Line XLR Input cards, 4x Line XLR Output cards

DISTRIBUTION

Audio distribution available using the in-house Cat6A, balanced analogue XLR, and single-mode fibre local patches

MONITOR SPEAKERS

6x RCF NX 12-SMA

2x RCF NX 15-SMA

Additional monitor speakers available upon request at additional cost

1x Martin Audio SXP118 sub-woofer - available upon request at additional cost

4x Sennheiser EK 2000 IEM receivers - available upon request at additional cost (additional IEMs available - subject to availability)

2x Sennheiser SR 2050 IEM transmitters (2 stereo or 4 mono)

MICROPHONES

4x Shure Beta 58A

4x Shure SM 58

4x Shure SM57

2x Sennheiser e906

1x Shure Beta 57A

4x Sennheiser e604

1x Shure Beta 52A

1x DPA 4055

3x AKG C451 B

2x Sennheiser e614

2x Sennheiser MD 421

2x Austrian Audio CC8

2x Shure MX418 Lectern

2x DPA 4099

2x BSS AR-133

2x Radial JDI

3x Radial J48

1x Radial USB-Pro DI

WIRELESS MICROPHONES

4x Sennheiser EM 6000 digital wireless receivers 4x Sennheiser SKM 9000 handheld

4x Sennheiser SK 9000 bodypack with DPA 4066 headset

Sennheiser MKE 2 & ME104 lapel

All available upon request at additional cost

CABLING

PROVIDED 3PIN XLR AND POWER PACKER

PLAYBACK

Apple Mac Studio with QLab 5 Audio & Video licence

PROJECTION FACILITIES

PROJECTOR

Epson EB-PU2220B (available on request at additional cost)

20,000-Lumen Laser Projector

EPSON MIDDLE ZOOM #4 ELPLM11 THROW RATIO: 3.54 - 5.41, F/1.8 - F/2.3

EPSON SHORT ZOOM #2 ELPLU04 THROW RATIO: 0.64 - 0.77, F/2.0 - F/2.1

SCREEN

Monoblox 64 Fast Fold Screen

508cm x 294cm (16'8" x 9'8")

LIGHTING FACILITIES

MAIN LIGHTING CONTROL DESK

Grand MA Lite - includes 15 motorised faders, 60 playbacks, 16,384 control parameters, 6x DMX outputs and 1x DMX input, 3x etherCON connectors, 6x USB connectors

ETC GIO (2 x 5 pin DMX Outputs, System Count: 4096) c/w: 1 x external 2 x 20 Universal Fader Wing
2 x external monitors, keyboard and mouse

LIGHTING DATA NETWORK

Pathport series C

DIMMERS

3 x LSC Unity 96 channel Dimmers/distro rack mounted –
2.4kw Dimmers. 32x LSC 12-way 10A TruPower modules

TOTAL AVAILABLE DIGITAL DIMMERS: 288

FRONT OF HOUSE LIGHTING LOCATIONS

BRIDGES

Bridge No. 1

21x 10Amp Hardwired Dimmers. Circuit numbers 1-21

Bridge No. 2

21x 10Amp Hardwired Dimmers. Circuit numbers 22 - 42

Balcony Front

22x 10Amp Hardwired Dimmers. Circuit numbers 75 - 96

PS Balcony Box Front

4x 10Amp Hardwired Dimmers. Circuit numbers
43 - 46

OP Balcony Box Front

4x 10Amp Hardwired Dimmers. Circuit numbers
47 - 50

Orchestra Bar

4x 10Amp Hardwired Dimmers. Circuit numbers
277 - 288

STAGE

On Stage there are 6 lighting bars.

Lighting bars 1 to 5 have 24x 10Amp Hardwired Dimmers.

Lighting bar 6 has 12x 10amp Hardwired Dimmers.

LUMINAIRE ALLOCATION

PROFILES:

9x 19 degree ETC Source four Lustr 3 X8 profiles
13x 26 degree ETC Source four Lustr 3 X8 profiles
6x 36 degree ETC Source four Lustr 3 X8 profiles

Additional ETC Source four Lustr 3 X8 profiles are available on request

FRESNELS:

18x Strand LED Cantata Fresnels

CYCLORAMA:

10x Prolight EclCylorama 100

FOLLOWSPOTS:

2x Robert Juliat 1200w Korrigan

MOVING LIGHTS:

14x Clay Paky Sinfonya Profile 600 (available at an additional cost)

HAZE:

1x MDG Atmosphere with DMX control (available at an additional cost)

LIGHTING CABLING:

A number of 5pin DMX, Cat6 and single mode fibre cables available at various lengths.

LIGHTING POWER

3Phase power is distributed to all portable Dimmer locations.

Additional outlets are located:

Stage – US Prompt	Wire in only, additional charges apply	1 x 100 Amp
Stage – US Prompt		2 x 40 Amp 5 pin
OP wings downstage floor level		1 x 32 Amp 5 pin
OP fly floor		1 x 32 Amp 5 pin
PS fly floor		1 x 32 Amp 5 pin
Front of House Bridge 2		1 x 32 Amp 5 pin
Front of House Bridge 1		1 x 32 Amp 5 pin
Orchestra Pit		1 x 32 Amp 5 pin

Numerous 10, 15 and 20 amp circuits throughout building.
Refer standard lighting layout for additional information.

DRESSING ROOMS & FACILITIES

The Dressing Rooms are located on three levels. Dressing Rooms are shared across all the venues in the Centre.

Dressing rooms will be allocated in consultation with your events account officer.

DRESSING ROOM – NUMBERS AND FACILITIES

ROOM NO.	LEVEL	SIZE	SINKS	TOILET ENSUITE	SHOWERS	MAKE-UP TABLES	CAPACITY
1	G	38m ²	3	0	0	10	25
2	G	38m ²	3	0	0	10	25
3	G	14m ²	1	1	1	3	5
4	G	14m ²	1	1	1	3	6
5	G	14m ²	1	0	0	5	15
6	G	17m ²	1	1	1	5	15
7 (Greenroom)	G	8m ²	0	0	0	0	4
8 (quick change)	1	7m ²	0	0	0	0	4
9	1	10m ²	1	1	1	4	4
10	1	19m ²	1	1	1	4	8
11	1	20m ²	1	1	1	4	10
12	1	16m ²	1	1	1	2	6
13	1	14m ²	1	1	1	2	6
14	1	14m ²	1	1	1	2	5
15	2	40m ²	3	1	1	12	25
16	2	37m ²	3	1	1	12	25
17	2	15m ²	1	1	1	4	8
18	2	22m ²	1	1	1	6	15
19	2	22m ²	1	1	1	6	15
20	2	19m ²	1	1	1	2	8
21	2	13m ²	1	1	1	2	6
22	2	13m ²	1	1	1	2	6

GREEN ROOMS – NUMBERS AND FACILITIES

A Green Room will be allocated per hirer.

ROOM NO.	LEVEL	SQ M	KITCHENETTE
Green Room 1	G	90m ²	1
Green Room 2	2	92m ²	1

PRODUCTION OFFICES

Subject to availability

ROOM NO.	LEVEL	SQ M	DESKS
Production Office	B	17m ²	2
Stage Management Office	1	14m ²	2

WARDROBE FACILITIES.

There is a well-equipped Laundry located in the basement with adjoining Drying Room. Attached is our Wardrobe Costume Workshop, which has additional costume racks available.

Please be aware that irons and steamers cannot be used in dressing rooms, as they will set off the fire alarms. If you require these items, please let us know and we will give you access to our Laundry and Wardrobe facilities.

Laundry	3x Commercial Washer	
	3x Commercial Dryers	
	Electric Steam Irons	
	Ironing Boards	
	Steamer Unit	
	2x Work Benches	
	Fume Extractor (for wig maintenance)	
Drying Room	Length	5,180mm
	Width	2,500mm
Costume Workshop/Store	1x Work Benches	
	Portable Wardrobe Racks	

ADDITIONAL EQUIPMENT

Additional Lighting, Audio, Vision and Staging equipment not included in the standard schedule may be available, please contact our production coordinators for further information.

OUTSIDE BROADCAST FACILITIES

Theatre Location: Control Room

Facilities: TBC

External Location: Loading Dock 2

Facilities: TBC

REHEARSAL ROOMS

The Centre has 4 rehearsal studios available for hire, with access to amenities and kitchenettes. All studios have sprung floors suitable for dance, and are equipped with mirrors, black masking and grids for lighting.

ROOM	LEVEL	SQ M	DESCRIPTION	CAPACITY
Studio 1	L3 Ryrie Street	109m ²	Multipurpose Studio Space	30
Studio 2	L3 Ryrie Street	138m ²	Multipurpose Studio Space	30
Studio 3	L4 Ryrie Street	117m ²	Multipurpose Studio Space	30
Studio 4	L4 Ryrie Street	279m ²	Rehearsal and Performance Studio Space	124

ACCESS & PARKING

STAGE DOOR

Hirers and staff must enter and exit the Centre through the stage door located off Little Malop Street.

PARKING

Geelong Arts Centre does not have any on-site parking. Street Parking is available around the Centre.

Off Street Parking is available around Geelong Arts Centre, time limits apply.

The Civic Centre Car Park is located opposite City Hall in Gheringhap Street.

Paid parking is available 24/7. Height restrictions of 2.1m apply.

CONTACTS

Please refer all queries to production@geelongartscentre.org.au

Ben Van Dillen
Technical Operations Manager
P: (03) 5225 1267
M: 0412 296 441
benvd@geelongartscentre.org.au

Alex Malibu
Production Coordinator
P: (03) 5225 1219
malibu@geelongartscentre.org.au

Ross Aitkenhead
Production Coordinator
P: (03) 5225 1236
ross@geelongartscentre.org.au



Date: 07/01/2025

Version: v2025.1

Updated: Ben Van Dillen, Alex Malibu, Ross Aitkenhead