



Technical Specifications

Fairfax Studio

Document History

Revision #	Date	Author	Comments
4.5	September 2020	J White	Venue equipment updates

General information

Address

Arts Centre Melbourne
100 St. Kilda Road
Melbourne Australia 3004
Reception Phone +613 9281 8000
Stage Door +613 9281 8320
Melway Reference Melway Ref 2F G7
[Arts Centre Melbourne Google Map](#)

Building Summary

Theatres Building

State Theatre
Playhouse
Fairfax Studio

Level 8: Administration
Level 6: St. Kilda Road, Café Vic, Curve Bar
Level 5: Sturt St, Stage door
Level 4: Staff Only
Level 3: Cafeteria
Level 2; Stage Level
Stage Door access from rear of building. Enter from Sturt Street

Contacts

Technical Director, Production	+613 9281 8137
Senior Manager, Venue Operations	+613 9281 8718
Manager, Staging	+613 9281 8142
Manager, Lighting	+613 9281 8365
Manager, Sound & Vision	+613 9281 8138
Manager, Broadcast & Multimedia	+613 9281 8163
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Get In

Undercover loading is available at stage level via a scenery lift up to Sturt St. The lift is shared with the Playhouse and State Theatre.

Scenery Lift

Side or end loading is available at stage level

Maximum height	4.300m
Maximum weight	25,000kg
Lift Size	15.370 x 4.100m
Door height between scenery dock and stage	8.900m

NOTE

- Vehicles longer than 15m must be able to unhook the prime mover.
- A range of manual handling equipment is available and shared between the venues
- Due to safety fencing, side loading height is limited to 2.750m

Auditorium Seating

Standard configurations

Permanent amphitheatre style seating, curved around a corner stage configuration.

Capacities

Total capacity is 376.

Technical & Production Seating

M1 – M18 are the only seats that are able to be removed for technical or production requirements.

Production Desks are situated over the backs of seats in Row G, with designers, etc sitting in Row H.

Stage Details

Dimensions

Configuration

Corner stage with curved front edge

Stage Width

Arc length of curved area	13.174m
Diagonal width between edge of balconies	12.739m
Arc Segment Length	13.174m

Stage Depth at Centreline

Edge of stage to most upstage corner	14.934m
Edge of stage to Corner of Balcony	11.718m

Stage Height

Floor to underside of grid	5.460m
Floor to underside of balconies	2.270m
Lowest point of auditorium floor to stage	0.300m
Stage floor to lowest overhead lighting bar	5.650m
Stage floor to lighting grid handrail	6.900m
Stage floor to Pipe Grid	8.100m
Stage floor to ceiling	8.600m

Stage Description

Rake	None
Area	133m ²
Maximum Floor UDL Loading	630kg/m ²
Maximum Floor Point Load	410kg
Surface	Raised stage area is constructed from plywood rostra
Stage area including under balcony	130.500m ²
Stage area not including under balcony	84.000m ²

Fire Precautions & Safety Requirements

1. All scenery, props, masking etc must be rendered non-flammable to the satisfaction of the Victorian Arts Centre Trust.
2. A Fire Cabinet is available upon request. Presenter is to provide their own lock & key. A key is to be left with Safety & Security.
3. A Gun Safe may be available for use. Please contact the Manager, Staging for more information.
4. All Presenters shall present a Risk Assessment to the Victorian Arts Centre Trust. Templates and assistance can be provided, please contact the Event Coordinator for more details.

Stage Drapes

The following drapes are available.

Drape	Quantity	Width (m)	Height (m)	Fullness	Colour	Material	Comment
Tabs	5	9.500	5.700	0%	Black	Wool	
	6	2.500	1.700	0%	Black	Wool	
Legs	5	4.700	3.200	0%	Black	Thick Wool	
	7	4.700	3.200	0%	Black	Thin Wool	

Lighting Facilities

Single Insulated Cable Policy (FMV013)

No single insulated cable is permitted to be connected to any Arts Centre Melbourne power source. This applies to all voltages including extra low voltage (under 32 volts).

NOTE

- All electrical appliances shall be tagged with an appropriate safety tag in accordance with AS 3760:2010.

Control System

Quantity	Equipment	Comments
1	PRG v476	
1	Computer back up	
1	Designers View and two monitors	
1	PRG Supernode	10 DMX streams

Dimmers

Number of	Type	Protocol	Capacity
60	Strand PAM	Analogue	5kW
40	Strand PAM	Analogue	2.4kW
72	Bytcraft IDS	Analogue	2.4kW
12	LSC Gen VI	Digital	2.4kW
12	LSC Epak	Digital	2.4kW

196 Total Dimmers

Stage Lanterns

Type	Quantity	Beam Angle	Power
ETC Source4 Profile	75	15/30°	750W
ETC Source4 Profile	39	25/50°	750W
ETC Source 4 Profile	6	19°	750W
Strand Cantata Fresnel	25	8 - 50°	1.2kW
Strand Cantata PC	25	4 - 52°	1.2kW
Selecon Acclaim Fresnel	20	6 - 60°	650W
Stand Coda 4 circuit flood	18	Flood	500W
ETC Source 4 PAR	20	Assorted lenses	750W

NOTE

- All Coda units are fitted with Wieland connections and no individual patching is possible.

Accessories

All lanterns have accessories available. Presenters should consult with the Manager, Lighting to confirm details and quantities.

- All Fresnel's have 4 leaf barn doors
- All profiles have a range of accessories available including Top Hats, Donuts, Irises, Gobos, and gobo rotators
- All gobos are 'B' size apertures

Lighting Hardware

Quantity	Item
2	3.5m Boom Trolley

Three Phase Power

Quantity	Location	Amps/Outlet 3Ø	Connection
Level 2 Stage			
3	USC	40A	5 Pin
Level 3 mezzanine			
1	USC	40A	5 Pin
Level 4 Grid			
2	Patch panel area	40A	5 Pin

Stage Management Facilities

Standard operating position
Alternate operating position

Rear of auditorium in control room
PS of stage in corridor

The Stage Management Console contains all standard facilities including:

- Auditorium announcement via a Shure SM58-S microphone
- BOH Paging
- 12 Channel Soft Cue, Cue light system
- Telephone
- CCTV monitors of the stage
- Riedel 2 channel Master Station
- Clock & Timer

CCTV monitoring:

Standard monitoring of the stage is available. Other areas are available on request.

NOTE

- Additional monitors are available for hire by prior arrangement.

Cameras

A standard camera and low light camera angle from the rear of the auditorium is available.

Typical Headset Allocation

#of	Type	Headset Type	Position	Typical User
Standard Allocation				
1	Dual Channel Beltpack	Telex PH88	Lighting Control	Lighting Board Operator
2	Dual Channel Beltpack	Beyer DT108	Onstage	Stage staff
2	Dual Channel Beltpack	Beyer DT108	Production Desk	Designers
1	Master Station	Telex PH88	Stage Manager's Console	Stage Manager
2	Riedel Wireless Beltpacks	Telex PH88		

Sound Facilities

Default Control Position
Alternate Control Position

Stage Managers control position
Rear of Stalls Centre of room

FOH Console & Processors

Quantity	Make & Model
1	Digico SD11 Mixing Console
1	Digico D-Rack 32 in / 16 out (8 analog /8 digital)
2	Lake LM44
2	Powersoft Ottocanali 1204 8ch amps for surrounds

NOTE. Waves MGB Server One system with WAVES Audio plugins available for hire

Playback

Quantity	Equipment
2	Mac Mini's with qlab and RME Madiface
1	MacBook Pro 18"
2	Denon DNC635 CD players

Speaker System

The sound system is configured as a Left/Right and Left/Right system with 22 channels of surround sound

Position	Speakers	Comments
Main speakers	4 x L'Acoustics 112P	
Upstage Stereo Speakers	2 x Tannoy i12	
Sub-Bass	1 x Meyer 650-P & 2x Meyer PSW2	Standard positions, 650p under the seating bank and the 2 x psw2 on the mezz
Effects Speakers	22 x Altec 17A concentric drivers	Drivers placed throughout auditorium
	2 x Yamaha MSP5a	Effects Speakers

Amplifiers

Quantity	Make and model
1	Yamaha H3000
2	Powersoft Ottocanali 1204 8ch amps for surrounds

Microphones

Quantity	Equipment
3	Audio Technica Atm450
1	Beyer M88
4	BSS DI
1	Sennheiser E935 switched mic
6	Shure Beta 58
6	Shure Beta 57

Pianos

Pianos available are:

- 1 Steinway Model 'D' Concert Grand (9'0")
- 1 Yamaha Model C5 Baby Grand (6')
- 1 Yamaha Model C3 Baby Grand (5'6")
- 1 Yamaha Upright

All venues share pianos by prior arrangement.

NOTE

- Charges apply for piano moves and tunes

Assistive Listening System

Arts Centre Melbourne provides a phonic ear radio transmitter system for its patrons. It includes headsets and neck loops to assist with hearing of performances and all seating positions are covered.

Wardrobe Facilities

A maintenance area with ironing facilities, an industrial sewing machine, work tables and drying cabinet are available.

Wardrobe Area	38.000m ²
Washing Machine	1 x Maytag Industrial
Industrial Dryer	1 x Speed Queen Industrial tumble dryer
	1 x Upright Asko Drying cupboard
	1 x Refrey Industrial Sewing Machine

Video Recording and Broadcast:

Art Centre Melbourne can provide a range of video recording, broadcast and post-production services for your production or event. These include, but not limited to:

- Commercial recordings*
- Archival recordings**
- Multi camera video recording
- Live video streaming and broadcast to multiple platforms
- Behind the scenes and roaming videography
- Post-production services; editing, colour grading and closed captioning
- Media packaging and distribution pathways
- Technical and creative consultations for you project with our broadcast team

Audio Recording and Broadcast:

Art Centre Melbourne can provide a range of audio recording, broadcast and post-production services your production or event. Please contact the Manager Sound/Vision to discuss your requirements.

These include, but not limited to:

- Commercial recordings*
- Archival recordings**
- Multi-track digital recordings and session files
- Podcast and vox-pops recordings
- Post production audio editing, mixing and mastering

Photography:

Permission to photograph performances will not be unreasonably withheld, provided that the taking of photographs does not cause disturbance to either patrons or performers.

Outside Broadcast:

Art Centre Melbourne has hosted numerous large-scale commercial broadcasted events. Please contact your Art Centre Melbourne Account Manager, Producer or Production Manager to discuss your requirements and scope your broadcast event.

**A "Commercial Recording" is any recording made for the purpose of streaming, sale, broadcast, exhibition or distribution by any means.*

***An "Archival recording" is a recording made for the sole purpose of documenting technical and performance aspects of a production and are not to be used for broadcast, exhibition, distribution or sale of any form.*

Permissions, Licensing, Releases and Fees:

Any form of recoding, broadcast or photography undertaken at Art Centre Melbourne, will require all Presenters to agree to the *Presenter Licensing Agreement* and obtain written permission from the Art Centre Melbourne, in advance of the production or event.

Depending on the type of broadcast or recording and its intended final use, the Presenter may incur a licensing or recording fees, in addition to any broadcast allowance and associated on-costs that may apply for the recording for live or delayed broadcast. Details are in *Appendix D* of the *Presenter License Agreement*, or please contact your Art Centre Melbourne Account Manager, Producer or Production Manager for further details.

All broadcast and recordings require the Presenter to have obtained the necessary releases from the performers taking part and to give certain undertakings in relation to copyright, and payment to technicians.

Where approval has been granted to a Presenter for a public performance to be given under television conditions, all publicity and advertising for the attraction must clearly state that the performance will be televised and that such conditions will apply. It follows that arrangements to televise a performance cannot be entered into after tickets have been sold to the public.

As each project is different in scope and intention, permissions and licensing will be assessed on a case by case basis.

Please contact your Art Centre Melbourne Account Manager, Producer or Production Manager to discuss your requirements and obtain an initial quote.

Back Stage Accommodation & Telephone Numbers

Dressing Rooms and Offices

Room No	Phone Ext	Standard Access	Number of People	Facilities/Comments
42	8427	Local only	2	Ensuite
43			3	Ensuite
44			9	
45			12	

NOTE:

- Handsets are available upon request and all call charges apply.
- Fees apply to any changes to the standard access.
- Most Dressing Rooms have refrigerators, hand basins and portable wardrobe racks are available for all rooms.
- Dressing Rooms without en-suite have access to nearby toilet blocks and showers.

Technical & Production Offices

Room No	Phone Ext	Standard Access	Number of People	Facilities
Stage Manager	8117 8129	STD STD	2	

Telephone numbers

Area	Position	Ext. No	Standard Configuration
Stage Door	Level 5 Sturt St	8320	
Security	Level 5 Sturt St	8316	
Control Rooms	Lighting Operator	8487	Local
	Duty Sound Technician	8139/8420	Or ring theatre stage door and they will contact the DST
Studio Dock	Level 2	xxxx	Local
Stage Managers Desk	Level 3 Control Room	8491	STD
Wardrobe	Level 2	8119	Local
FOH Supervisor	Level 3 Foyer	8135	Local