

*the Arts Centre*

Technical Specifications

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**Fairfax Studio**

## Document History

Revision #	Date	Author	Comments
4.0	6/7/11	C. King	FOH Console update
3.3	13/10/10	C. King	Minor sound system alterations
3.2	4/6/09	C. King	2009 Equipment updates
3.1	10/2/2009	C. King	Formatting changes
3.0	11/07/2011	C. King	Re-Format
2.5	30/12/05	N. Carroll	Minor Lx Adjustments
2.4	8/7/04	K. Aspinall	Minor Sound adjustments
2.3	30/4/04	K. Aspinall	Additional Lantern upgrade
2.2	30/1/04	K. Aspinall	Revised Control System; Dimmers; Lighting Console
2.1	4/8/03	K. Aspinall	Modification to Sound specs
2.0	20/7/03	K. Aspinall	Major Lantern upgrade
1.2	30/11/02	K. Aspinall	Sound: Manual control adjusted
1.1	1/05/02	K. Aspinall	Lamp list revised
1.0	20/03/02	K. Aspinall	Document revised

## General information

### Address

100 St. Kilda Road  
 Melbourne Australia 3004  
 Reception Phone +613 9281 8000  
 Stage Door +613 9281 8320  
 Melway Reference Melway Ref 2F G7

### Building Summary

**Theatres Building**  
 State Theatre  
 Playhouse  
 Fairfax Studio

Level 8: Reception & 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

Manager, Production +613 9281 8137  
 Operations Manager, Staging +613 9281 8142  
 Operations Manager, Lighting +613 9281 8365  
 Operations Manager, Sound +613 9281 8138  
 Operations Manager, Events & Ticketing +613 9281 8597

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## Get In

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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.

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

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### 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.

## Stage Details

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### 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 <sup>2</sup>
Maximum Floor UDL Loading	630m <sup>2</sup>
Maximum Floor Point Load	410kg
Surface	Raised stage area is constructed from plywood rostra
Stage area including under balcony	130.500m <sup>2</sup>
Stage area not including under balcony	84.000m <sup>2</sup>

### 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 Operations 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	3	8.900	5.500	0%	Black	Wool	
	2	10.000	5.500	0%	Black	Wool	
	1	18.000	5.600	0%	Black	Wool	
	1	5.700	5.700	0%	Black	Wool	
	9	4.400	3.200	0%	Black	Wool	
	1	1.700	2.500	100%	Black	Wool	On track
Legs	2	5.500	5.700	0%	Black	Wool	
	4	5.500	3.700	0%	Black	Wool	
	4	2.600	3.700	0%	Black	Wool	
	2	5.700	4.300	0%	Black	Wool	
	1	2.600	3.200	0%	Black	Wool	

## Lighting Facilities

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### Single Insulated Cable Policy (FMV013)

No single insulated cable is permitted to be connected to any Arts Centre 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 3760:20003.

### Control System

- Strand 530i; 350 Channel DMX Lighting Console with GeniusPro™ & LightPalette™ software suite
- Strand 510i; 350 Channel full tracking backup
- Offline editing & printing services are available upon request

### Dimmers

Number of	Type	Protocol	Capacity
60	Strand PAM	Analogue	5kW
40	Strand PAM	Analogue	2.4kW
72	Bytecraft IDS	Analogue	2.4kW
12	LSC Wallpak	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

#### 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 Operations 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			
2	USC	40A	5 Pin
Level 3 mezzanine			
1	USC	40A	5 Pin

## Stage Management Facilities

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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
- ClearCOM™ Talkback 2 channel Master Station
- Clock & Timer

### CCTV monitoring:

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

**NOTE**

- o Additional monitors are available for hire by prior arrangement.

### Cameras

A standard 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	Single Channel Beltpack	Beyer DT108	Onstage	Stage staff
2	Single Channel Beltpack	Beyer DT108	Production Desk	Designers
1	Master Station	Telex PH88	Stage Manager's Console	Stage Manager

## Sound Facilities

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Default Control Position  
Alternate Control Position

Stage Managers control position  
Rear of Stalls

### FOH Console & Processors

Quantity	Make & Model
1	Yamaha DM 1000 digital console
1	BSS Soundweb 3088 processor
3	ARX Quad compressors

### Playback

Quantity	Equipment
1	SFX HDD based playback software
2	Denon DNC635 CD players

### Speaker System

The sound system is configured as a Left, Centre & Right system with 22 channels of surround sound

Position	Speakers	Comments
Main speakers	3 Tannoy i12 dual concentric drivers	
Sub-Bass	1 x Meyer 650-P	
Effects Speakers	22 x Altec 17A concentric drivers	Drivers placed throughout auditorium
	2 x Yamaha MSP5a	Effects Speakers
Foldback	2 x Tannoy l12 monitor wedges	

### Amplifiers

Quantity	Make and model
4	QSC USA850
1	QSC USA400
3	Yamaha P4050 surround amplifiers

## Pianos

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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 pianos are shared with the other venues. By Prior arrangement

### NOTE

- o Charges apply for piano moves and tunes

## Assistive Listening System

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The Arts Centre 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. For more information, contact your Event Coordinator.

## Wardrobe Facilities

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

Wardrobe Area	38.000m <sup>2</sup>
Washing Machine	1 x Maytag Industrial
Industrial Dryer	1 x Maytag Industrial tumble dryer
	1 x Upright Brownbuilt Drying cupboard

## **Broadcast, Telecast & Recording**

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The video and/or sound recording of a performance at the Arts Centre for any purpose requires the written approval of an appropriate representative of the Trust.

Presenters proposing to videotape or telecast performances should arrange a briefing with an Event Coordinator from Presenter Services,

Recordings require the presenter to obtain the necessary clearances from the performers taking part and give certain undertakings in relation to copyright, and payment to technicians. The Recording Form (Appendix D), forms part of the Presenter Licence Agreement.

### **Video Recording**

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.

### **Sound Recording**

Sound recording of a performance for commercial or non-commercial performances requires the approval of an appropriate representative of the Trust.

### **Archival Recording**

Archival recordings are a simple record of the event. It is assumed that any flaws in the final recording will be inconsequential. If your recording is of importance, please contact the Sound Department.

Recordings, other than archival, are subject to separate arrangement with the Operations Manager, Sound. Please note extra sound technicians may be required to operate the equipment.

### **Photography**

Photography is prohibited anywhere in the venue without the prior authority of an appropriate representative of the Trust. Permission to photograph performances is not unreasonably withheld, provided the taking of photographs is arranged in such a way so as not to cause nuisance, either to patrons or to performers.

Under no circumstances will patrons be permitted to take photographs in the auditorium.

## Back Stage Accommodation & Telephone Numbers

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### Dressing Rooms and Offices

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

**NOTE:**

- o Handsets are available upon request and all call charges apply.
- o Fees apply to any changes to the standard access.
- o Most Dressing Rooms have refrigerators, hand basins and portable wardrobe racks are available for all rooms.
- o 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	8139	
Studio Dock	Level 2	8420	Local
Stage Managers Desk	Level 3 Control Room	8491	STD
Wardrobe	Level 2	8119	Local
FOH Supervisor	Level 3 Foyer	8135	Local