



**Technical
Specifications
2017**





Palais Theatre Melbourne, Australia

Lower Esplanade, St Kilda, Vic 3182
PO Box 1424, St Kilda South, Vic 3182
www.palaistheatre.com.au
03 8632 2633



Contact

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Operations Manager
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Technical Specifications

Stage Dimensions

Proscenium width	13.0m
Proscenium height at centre underside of pelmet/teaser	8.7m
Depth of stage from setting line to back wall	12.5m
D.S.E. (Down Stage Edge) to setting line	3.2m
Width of stage area (wall to wall)	30.0m
Wing space each side (to counter weight line)	8.2m
Raked stage	Rake 0 - .3m over the 12.5m depth of stage
FOH audio and lighting control position rear of Stalls	2.8m x 8m
DSE to FOH Control Position	35.9m
Loading Dock door width	2.7m
Loading Dock door height	3.1m
Loading Dock ramp length	6.0m

Theatre Dimensions

DSE to front of Lounge	17m
DSE to front of Dress Circle	30m
DSE to rear of Dress Circle	53m
Theatre width—wall to wall	30m

Fly System

- Single purchase counter weight system, installed 2011
- 50 line sets plus House Curtain
- All lines are aluminium flat truss battens; 400mm high by 48mm top & bottom cord
- 10 Truss Battens 18m in length (legs & borders)
- 40 Truss Battens 16.5m in length (all others)
- 400kg load rated counterweight cradles
- Stage to underside of grid floor/drift 19.6m
- 2 loading galleries
- Fire safety curtain

Technical Specifications

Soft Goods

Main House Curtain

Grand IFR Velvet—colour 'Brick' from Line set "1",
100% Fullness 16m x 9m

House Blacks

- 5 Sets of flat black velvet borders 18m x 4m
- 3 Sets of flat black velvet legs 4m x 10m
- 2 Sets of flat black velvet legs 5m x 10m
- 1 Rear Smother flat black velvet 16.5m x 9m
- 2 Traverse curtain tracks Mid & Rear stage – French Action, 75% fullness 18m x 9m black velvet
- 5 Sets of flat black truss borders 0.5m x 16.5m

House Drapes

- 1 White "filled cloth" seamless Cyclorama 16.5m x 10m

Cinema Screen

- 1 Matt White perforated screen 12.5m x 7m permanently located on Line 6.

Power

Lighting

200 amp supply fitted with Power Lock – NRG connectors & a 32 amp 3 phase Wilco outlet, all located on stage right (OP) on the U/S side wall position.

General

100 amp supply fitted with Power Lock – NRG connectors and 2 x 32 amp 3 phase Wilco outlets, all located on stage left (P) on the U/S back wall position.

Technical Specifications

1 x 32 amp 3 phase Wilco outlet plus a quantity of 10 amp and 20 amp outlets located on stage left (P) in the D/S position.

1 x 32 amp 3 phase Wilco outlet located at FOH Control Position.

Cat 5 Lines (2) from Stage Right (OP) to Front of House.

Cat 6 Lines (2) from Stage Left (Prompt) to Front of House.

Follow Spots

3 x Robert Juliat 'Topaze' 1200W MSD follow spots are available in-house at no charge.

All FOH follow spot operators are booked directly through the Palais Theatre. Minimum 3 hour call, Sundays & Public Holidays minimum 4 hour call.

Rigging

All Rigging and flyman requirements are booked directly through Palais Theatre Management. Minimum 4 hour call.

Lighting

Lighting equipment is hired as required by each event.

Costs for hiring through our preferred supplier are invoiced directly by Phaseshift.

Charges for lighting are:

FULL SYSTEM - including 1 x Lighting Operator and 1 x System Technician
\$4,500 + GST

HALF STAGE - including 1 x Lighting Operator or 1 x System Technician
\$3,000 + GST

FRONT OF FIRE CURTAIN - including 1 x Lighting Operator or 1 x System Technician
\$1,500 + GST

TAILORED SYSTEM - Phaseshift can also tailor the system to meet your specific requirements.

See next pages for details.

For variations and costings please contact:

Phaseshift

03 8586 3444 | info@phaseshiftproductions.com

Lighting

Option 1 - Full System

Including 1 operator and 1 technician

\$4,500 plus gst

FLOWN

Automated Lighting

Robe Robin 1200 Wash	9
MAC 2000 Profile Performance	6
Martin MAC 700 Profile Spot	10
Martin MAC 700 Wash	14

Strobes

Martin Atomic Strobe	4
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Flood Lights

4 Lite - 4 Way Molefay 4 x 650W DWE	4
Molefay Duet	7

Floor Package

Showtec Sunstrip - Active	10
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CONTROL

Lighting Consoles (subject to individual Operators)

Hog 4 Road Hog	1
Hog 3 Playback Wing	1

Dimmers and Distribution Systems

LSC Epak 12chn Dimmer Rack	1
32 Amp Distributio Rack (12 x 13A G.P.O., 3RU, ELP)	3
200 Amp Distribution Rack Powerlock In/Out06 x 32A 3Phase Outlet	1

Power Cable

15m 400A Powerlock (4 x black, 1x earth)	1
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FX

Smoke Machines, Hazers and Dry Ice

Robe 400 FT DMX DMX Hazer, 2 Lt Fluid	2
Variable speed fan	2

Mirror Balls and Mirrorball Motors

20" Mirrorball and Case	1
Heavy Duty Mirror Ball Motor	1

Lighting

Option 2 - Half Stage System

Including 1 operator or 1 technician
\$3,000 plus gst

FLOWN

Automated Lighting

Robe 1200 Wash	9
MAC 2000 Profile Performance	6
Martin MAC 700 Profile Spot	6
Martin MAC 700 Wash	8

Flood Lights

4 Lite - 4 Way Molefay 4 x 650W DWE	4
Molefay Duet	7

CONTROL

Lighting Consoles (subject to individual Operators)

Hog 4 Road Hog	1
Hog 3 Playback Wing	1

Dimmers and Distribution Systems

LSC Epak 12chn Dimmer Rack	2
32 Amp Distributio Rack (12 x 13A G.P.O., 3RU, ELP)	3
200 Amp Distribution Rack Powerlock In/Out06 x 32A 3Phase Outlet	1

Power Cable

15m 400A Powerlock (4 x black,1x earth)	1
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FX

Smoke Machines, Hazers and Dry Ice

Robe 400 FT DMX DMX Hazer, 2 Lt Fluid	2
Variable speed fan	2

Lighting

Option 3 - Front of Curtain System

Including 1 operator or 1 technician
\$1,500 plus gst

FLOWN

Automated Lighting

Robe 1200 Wash	9
MAC 2000 Profile Performance	6

Flood Lights

4 Lite - 4 Way Molefay 4 x 650W DWE	4
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CONTROL

Lighting Consoles (subject to individual Operators)

Hog 4 Hedge Hog	1
Hog 3 Playback Wing	1

Dimmers and Distribution Systems

LSC Epak 12chn Dimmer Rack	2
32 Amp Distributio Rack (12 x 13A G.P.O., 3RU, ELP)	3
200 Amp Distribution Rack Powerlock In/Out06 x 32A 3Phase Outlet	1

Power Cable

15m 400A Powerlock (4 x black,1x earth)	1
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FX

Smoke Machines, Hazers and Dry Ice

Robe 400 FT DMX DMX Hazer, 2 Lt Fluid	2
Variable speed fan	2

Audio

Audio equipment is hired as required by each event.

The Palais Theatre has an in-house audio system supplied by our preferred supplier, JPJ Audio.

Costs for hiring the system are invoiced directly by JPJ Audio.

The system is available in different configurations as per the pricing and system lists below.

Charges for use of the system are:

FULL SYSTEM - including 2 x audio technicians
\$5,500 + GST

STACKS & RACKS - including 1 x audio technician
\$3,500 + GST

COMEDY/CORPORATE - including 1 x audio technician
\$2,750 + GST

TAILORED SYSTEM - JPJ Audio can also tailor the system to meet your specific requirements.

See next pages for details.

For variations and costings please contact:

Brent Gray, JPJ Audio

03 9622 7500 | brentg@jpjaudio.com.au

Audio

Option 1 - Full System

Including 2 technicians - \$5,500 plus gst

Flown L&R Array

16 d&b J-8 Enclosure
8 d&b J-12 Enclosure

Subs

8 d&b J-SUB Sublow Enclosure

In Fill

4 d&b Q7 Enclosure

Lip Fill

4 d&b T-10 enclosure

Balcony Delays

6 d&b T-10 enclosure

Amplifiers

d&b D12 Amplifiers

PA Drive

1 d&b Drive Rack
1 d&b DLP & CANBUS Distribution Rack
1 d&b Drive Multicore Case, AES

FOH Control

1 Avid Venue Profile, control surface
1 Avid Venue FOH rack, w/ Redundant PSU
1 Avid Venue stage rack, w/ Redundant PSU

Monitor Speakers

12 d&b M4 Monitor Enclosure
2 d&b Q-SUB Sublow Enclosure
2 d&b D12 4-mix amplifier racks

MON Control

1 Yamaha, PM5D-RH, 48 input
1 Yamaha PM5D Power Supply Rack

Monitor Speakers - Side Fill

4 L-Acoustics ARCS Enclosure
4 L-Acoustics dV-SUB Sublow Enclosure
2 Amplifier Racks, Amplifier Rack, ARCS (2xLA48+366)

Microphones

2 Shure, Beta 52A
8 Shure, Beta 58A
2 Shure, Beta 91
4 Shure, KSM137, pencil condenser
8 Shure, SM57
6 Sennheiser, E-604
8 Direct box, Radial, J48, active

Radio Mics

2 Shure UR4D dual receiver
4 Shure UR2 handheld transmitter c/w Beta 58A capsule
1 Shure UA845-SWB, antenna splitter
2 Shure UA870-WB, wideband directional antenna

System Cases

1 Mic Cables Case
1 Mic Stands Case
1 Stage Power Case
1 Whirlwind W4 48ch Split Rack

Multicores

1 Whirlwind W4 48ch multicore
1 BNC Multicore
1 CAT6 Multicore

Audio

Option 2 - Stacks & Racks

Including 1 technician -
\$3,500 plus gst

Flown L&R Array
16 d&b J-8 Enclosure
8 d&b J-12 Enclosure

Subs
8 d&b J-SUB Sublow Enclosure

In Fill
4 d&b Q7 Enclosure

Lip Fill
4 d&b T-10 enclosure

Balcony Delays
6 d&b T-10 enclosure

Amplifiers
d&b D12 Amplifiers

PA Drive
1 d&b Drive Rack
1 d&b DLP & CANBUS Distribution
Rack
1 d&b Drive Multicore Case, AES

Multicores
1 Whirlwind W4 48ch multicore
1 BNC Multicore
1 CAT6 Multicore

Option 3 - Comedy/Corporate

Including 1 technician -
\$2,750 plus gst

Flown L&R Array
16 d&b J-8 Enclosure
8 d&b J-12 Enclosure

Subs
8 d&b J-SUB Sublow Enclosure

In Fill
4 d&b Q7 Enclosure

Lip Fill
4 d&b T-10 enclosure

Balcony Delays
6 d&b T-10 enclosure

Amplifiers
d&b D12 Amplifiers

PA Drive
1 d&b Drive Rack
1 d&b DLP & CANBUS Distribution
Rack
1 d&b Drive Multicore Case, AES

FOH Control
1 Soundcraft Si Compact16 Digital
Console

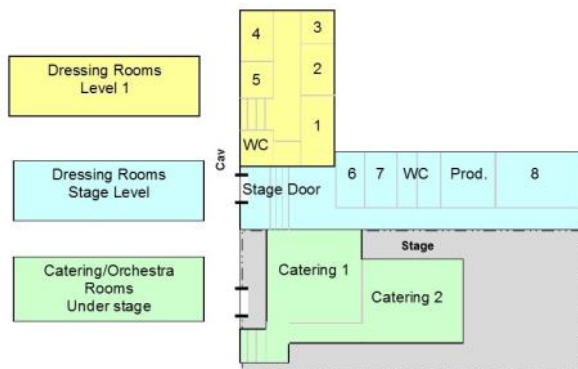
Monitor Speakers
2 d&b M4 Monitor Enclosure

Microphones
2 Shure, Beta 58A

Radio Mics
1 Shure UR4D dual receiver
2 Shure UR2 handheld transmitter
c/w Beta 58A capsule

Dressing Rooms & Production Offices

Located directly behind stage.



Level 1—5 Dressing Rooms

Room 1 = 11.8 sq meters | 4.4m x 2.7m

Room 2 = 11.3 sq meters | 4.2m x 2.7m

Room 3 = 11.3 sq meters | 4.2m x 2.7m

Room 4 = 14.7 sq meters | 4.9m x 3.0m

Room 5 = 8.1 sq meters | 2.7m x 3.0m

Stage Level—2 Dressing Rooms

Room 6 & 7 = 5.5 sq meters each | 1.9m x 2.9m

Stage Level—Production/Tour Office

11.9 sq meters | 4.1m x 2.9m

Stage Level—Dressing Room/Tour Office

Room 8 = 13 sq meters | 4.5m x 2.9m

Under stage—2 Catering/Orchestra Rooms

Located downstairs - Stage Right (OP) side

Room 1 = 41 sq meters | 7.3m x 5.5m

Room 2 = 44 sq meters | 5.9m x 7.3m

Please Note:

There are no catering facilities on site.

Venue Information

Back of House Catering

Palais Theatre does not have in-house catering.

For all catering and rider requirements the Palais Theatre recommends:

Sam Conti

The Catering Company

+613 9417 4542

sam@catering-co.com.au

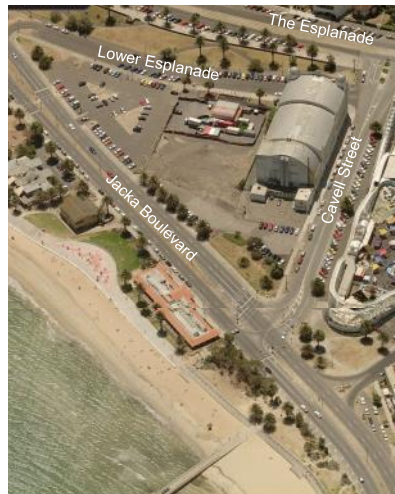
www.catering-co.com.au

Parking

Palais Theatre has a dedicated car park at the rear of the venue. Each event has access to approximately 10 car parking spaces per show.

Trucks and delivery vehicles can be parked in Cavell Street outside the Loading Dock from 7am on a show day until the end of Bump Out.

If you have trucks that require overnight parking please contact the venue Operations Manager to discuss arrangements.



Back Stage Internet Access

The Palais Theatre provides free high speed wireless internet.

Laundry Facilities

A washing machine and dryer are available on site.

Venue Guidelines

Seating Sections

Palais Theatre has 4 seating sections:

Orchestra	Rows A-Q, Ground floor, in front of the stage
Stalls	Rows A-W, Ground floor, behind the Orchestra
Lounge	Rows A-D (no standing), Rows E-M, Level 1 balcony
Dress Circle	Rows N-DD, Level 1, behind the Lounge

Curfew

All events must finish by 11.00pm.

Standing Guidelines

Due to Safety Regulations artists should be advised prior to the performance that Lounge Rows A-D are strictly no standing due to a low balustrade. Patrons are not permitted to stand or dance in the aisles but have ample room to stand and dance in front of their seats.

Camera Policy

Unless advised by the promoter in writing, the Palais Theatre's standard camera policy is "No flash, SLR, audio or video recording. Small personal cameras and mobile phones allowed at the discretion of the artist."

Security

Palais Theatre employs Risk Protection Group for Stage Door, Car Park, Auditorium, Foyer and Doors security. If an artist has personal security or special security needs this needs to be provided to the Events Manager in writing prior to the event.

Autograph signings | Meet & Greet

Please advise our Events Manager if your artist or support will be signing autographs or holding a Meet & Greet. Security will be arranged to suit.

Location Map



- Palais Theatre
- Palais Theatre Car Park & Loading Area
- Acland Street Shops

