

Australian National Memorial Theatre
Technical Specifications

Updated 7/07/2011

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The National Theatre
20 Carlisle St (Cnr Barkly St)
St. Kilda, Vic 3182

P.O. Box 1173





GENERAL

LOCATION Approximately 5Km from the Melbourne CBD, 150m from St Kilda foreshore, Luna Park and the Palais Theatre and 2mins away from a wealth of fine dining in Acland St.

PUBLIC TRANSPORT Light rail No 96 from Bourke St to Acland St
 Tram No16 from Swanston St to Acland St
 Bus No 246 down Hoddle St and Punt Rd stopping outside the theatre.
 Also buses from Chadstone, Brighton and Southland.
 Trains leave from Balaclava station to the City.
 Exceptionally good location for hailing cabs.

AUDITORIUM Auditorium steeply raked.
 Good sightlines throughout, divided by gangway between eighth and ninth row at entrance level.

264 Front lounge armchairs
 519 Rear lounge tip up seats

TOTAL CAPACITY 783 patrons



FOYER Main entrance - corner position, 1600 sq ft with Box office
 Candy Bar and toilets
 Marble staircase leads
 Mezzanine Foyer of 1100 sq ft with access to the theatre; two large enclosed merchandising areas display areas or closed off work area.
 Twin stairs lead to upper foyer of 1300 sq ft with licensed bar and toilets.
 Disabled access to the theatre available.



DRESSING ROOMS Located directly behind the stage

- 2 240 sq ft
- 1 200 sq ft
- 1 65 sq ft
- 1 Diana Gibson Room - 600 sq ft (warm up / holding space)

Toilets and showers

LOADING DOCK Goods Lift - 4.1m (deep) x 2.9m (wide) x 2.9m (high)
 3 Tonne Capacity
 60 second travel time
 Doorway to stage - 2.1m (wide) x 4m (high)
 5 steps up to stage (Ramp available)



STAGE

STAGE DIMENSIONS

Stage area	12.19m x 27.43m (40ft x 90ft)
Proscenium Width	10.66m (35ft)
Proscenium Height:	Centre 5.56m (18ft 3in), Sides 5.10m (16ft 9in)
Depth of Stage from Prosc wall	12.19m (40ft)
Wing Space	4.57m (15ft) each side (proscenium to counterweight line)
Stage Tower Height to grid	14.02m (46ft)
Orchestra pit depth	2.13m (7ft)
Orchestra pit area	69.67sqm (750 sq ft)
Apron maximum depth	3.96m (13ft)
Acting area in front of prosc	18.58sqm. (200 sq ft)

PIANO'S

- 1 Yamaha G1 (5'3") Baby Grand
- 1 Orchestra Pit Piano - Upright

STAGE FITTINGS

- 1 House curtain - red, counter weight action
- 1 Cinema screen
- 5 Lighting bars
- 5 sets Black legs
- 5 Borders
- 2 sets Black tabs
- 1 Cyclorama
- 12 Scenery bars

FLY TOWER

Single Purchase fly system with an out dead of 12m. Line 1 to 19 controlled from PR, Lines 20 to 26 from OP. Weight loading from floor only.

Line	Standard Setup	Position	Type	Max Dist. Load
n/a	US edge of Pros Arch - DS edge of fire curtain	0.00m		
1	House Curtain	0.53m	N/A	
2	Legs / Border	0.73m	R.H.S.	260 Kg
2A	Cinema Screen	1.00m	N/A	260 Kg
3	LX - 1	1.36m	Lighting	195 Kg
4		1.72m	R.H.S.	260 Kg
5		1.93m	C.H.S.	195 Kg
6		2.28m	C.H.S.	195 Kg
7	Legs / Border	2.66m	R.H.S.	260 Kg
8		3.20m	C.H.S.	195 Kg
9	LX - 2	3.75m	Lighting	195 Kg
10	Black Tab	4.19m	C.H.S.	195 Kg
11	Legs / Border	4.48m	R.H.S.	260 Kg
12		5.01m	C.H.S.	195 Kg
13		5.67m	R.H.S.	260 Kg
14	LX - 3	6.17m	Lighting	195 Kg
15		6.69m	R.H.S.	260 Kg
16		6.92m	C.H.S.	195 Kg
17		7.16m	R.H.S.	260 Kg
18	Legs / Border	7.39m	R.H.S.	260 Kg
19	Black Tab	7.68m	R.H.S.	260 Kg
20	LX - 4	8.20m	Lighting	195 Kg
21		8.69m	C.H.S.	195 Kg
22	LX - 5 / Legs / Border	9.17m	Lighting	195 Kg
23		9.73m	R.H.S.	260 Kg
24		10.12m	C.H.S.	195 Kg
25		10.68m	C.H.S.	195 Kg
26	Cyc	10.92m	C.H.S.	195 Kg

Refer to Fly Bar Safe Loads for point and span loading information



LIGHTING

- CONTROL**
- 1 Strand Palette VL 64 (1000 channels)
 - 2 48 channel Jands Link Light DMX to analogue converters
 - 1 Dual Isonode DMX 512 network –
 - Inputs – Control, PR side of stage
 - Outputs – FOH2, PR side of stage, 3x OP side of stage and dimmer room

- POWER**
- 79 2Kw JTM analogue dimmers
 - 17 5kw JTM analogue dimmers
 - 204 lighting points to patch board and dimmers
 - 1 40A 3-phase outlet in dimmer room
 - 1 40A 3-phase outlet on prompt side of proscenium

- HANGING POSITIONS**
- 4 lighting bars
 - 1 CYC lighting bar
 - 8 movable booms on stage.
 - 2 lighting bars over auditorium
 - 2 fixed perches in auditorium
 - 1 3m bar with patch points over proscenium arch

- FIXTURES**
- 2 Follow spots (2kW)
 - 30 Pattern 23
 - 6 Pattern 123
 - 36 Pattern 743
 - 18 Selecon Axial Zoomspot 24-44
 - 12 Selecon Pacific 23-50 1k Profiles
 - 5 Selecon Pacific 13-35 1k Profiles (Iris & B size gobo holder available)
 - 6 Selecon 15-35 SPX's (600W)
 - 6 Prolite 1kW profiles 22-40
 - 6 Prolite 1kW PC's
 - 12 Selecon Acclaim Fresnels
 - 5 Selecon HUI CYC Floods (500W)
 - 5 Selecon HUI Ground Row Floods (500W)
 - 3 UV battens

* Available Lamp stock may vary
 Stock not shown on standard rig will incur a hire charge

- OTHER**
- 1 Smoke Machine available at extra cost
 - 1 24" Mirror Ball available at extra cost
 - Gobo's available.

Limited supply of gel kept on site
 Limited supply of power leads available

*Our standard lighting plan is available for download at
<http://venue.nationaltheatre.org.au/?page=downloads>*



AUDIO

CONTROL	1	Midas Verona 400 console - 40 channel / LCR main output / 8 bus / 8 aux / 4 matrix
	1	Mackie 1402-VLZ Pro console – 14 channel / stereo main output / 2 Aux
	1	Tascam CDRW / Cassette recorder
	1	Marantz CD / Cassette player
	1	Stanton C500 Dual CD Deck with Auto Pause
AMPS AND SPEAKERS	1	Funktion One X01 processor (FOH processor)
	1	MC2 T1000 power amp (Highs)
	1	MC2 T1500 power amp (Mids)
	1	MC2 2000 power amp (Subs)
	2	Funktion One Res 2 high/mid top boxes
	2	Funktion One Minibass 212 subs
	1	BSS Minidrive processor (centre, delays processor)
	1	MC2 1500 power amp (centre, delays)
	1	Funktion One F88 centre speaker
	8	JBL Control 1 speakers (delays)
FOLDBACK	1	MC2 T1000 power amp
	4	JBL Control 1 speakers flown from LX1
	4	JBL Control 1 speakers flown from LX3
EQUIPMENT	2	Sennheiser 835 handheld microphones
	1	BSS AR-133 Active DI
	2	Microphone boom stands
	2	**Sennheiser ew100 G2 radio body packs x2 (with me2 microphones)** <i>additional cost</i>
	2	**Sennheiser ew100 G2 SKM-145 handheld radio microphones x2** <i>additional cost</i>
	2	**Sennheiser ew100 G2 radio receivers x2** <i>additional cost</i>
Limited supply of microphone leads, line leads and adapters available		
MULTICORES / TIE LINES	32	XLR (with passive split) sends from OP. to control with 8 returns
	20	XLR (with passive split) sends from PR. to control with 6 returns
	6	XLR sends from PR. to OP.
	4	XLR sends from Cinema Screen bar to OP
	4	XLR sends from LX bars to OP (movable to any bar)
HEARING ASSISTANCE	1	PhonicEar Easy Listener PE550T Transmitter
	8	PhonicEar Easy Listener PE 300R Receivers
	4	Headphones to suit PE300R
	4	Neckloops to suit PE300R
COMMUNICATIONS	1	ClearCom MS-702 Encore Master Station
	5	ClearCom RS-601 Single Channel Beltpacks
	1	ClearCom RS-602 Dual Channel Beltpack
	1	ClearCom CM-222 Tempest Wireless Base Station
	4	ClearCom CP-222 Tempest Wireless Beltpacks *
	4	ClearCom CC-27 Wrap-Around Light Weight Headsets
	6	Beyer Dynamic DT-108 Single Ear Headsets
	2	Beyer Dynamic DT-109 Dual Ear Headsets
	1	ClearCom HS-6 Telephone Style Handset (<i>reserved for audio operator</i>)

* 2 wireless beltpacks are reserved for theatre staff.
 We reserve the right to deny usage of wireless talkback system.



AUDIO / VISUAL

EQUIPMENT	1	**NEC NP 62G 3000ANSI Lumens Projector ** <i>additional cost</i>
	2	DVD players
	1	Pentium 4 1.8Ghz / 512mb RAM
	1	VGA over Cat5 kit
	1	Composite to VGA Converter
	1	AV Switch Box
SCREENS	1	Cinema Screen hung from Line 2a
	1	3.5m x 2.5m front project screen
A/V TIE LINES	5	Composite video feeds from OP to Control (BNC)
	1	Composite video form Auditorium to Control (BNC)
Cat5 UTP TIE LINES	2	Cat5 OP to PR
	1	Cat5 OP to LX1 (movable to any bar in fly tower)
	1	Cat5 OP to FOH 1
	1	Cat5 OP to FOH 2
	1	Cat5 OP to Control
	1	Cat5 PR to Control
	1	Cat5 FOH 2 to Control

OTHER

FILM PROJECTION	1	16mm film projector
	1	35mm film projector available with standard screen ratios <i>Equipment requirements should be discussed in advance of any screening.</i>

FLOORING	Black masonite floor is standard (<i>no screwing to floor please</i>). Black tarkett dance floor is available for ballet or bare foot performances only.
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ADDITIONAL CHARGES APPLY FOR:

All AV equipment, extra audio equipment, blown & extra lamps, gobos, extra comms, headsets, consumables.

A minimum 15% mark-up will be placed on all equipment hired in on your behalf

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