

National Institute
of Dramatic Art

NIDA
THEATRES

Parade Theatre

Technical Specifications

Revised
September 2022

This is a live document that is periodically updated. Always check with the venue for significant revisions.

CONTACT INFORMATION

Technical Operations

Technical Manager	Chris Dickey Phone Number Email Address	(02) 9697 7605 chris.dickey@nida.edu.au
Venue Technical Supervisor	Cameron Bartie Phone Number Email Address	(02) 9697 7615 Cameron.bartie@nida.edu.au

Venues

Head of NIDA Theatres	Monica Scagliarini Phone Number Email Address	(02) 9697 7585 venuemanager@nida.edu.au
Box Office	Phone Number	(02) 9697 7613
Reception	Phone Number Fax Number Website	(02) 9697 7600 (02) 9622 7415 www.nida.edu.au

STAGE

Stage Dimensions

Width:	Total	28m
	Proscenium	14m
	Rear Stage	8.6m
Height:	Proscenium	16.1m
	Proscenium Teaser - Line 1	Adjustable (Standard 7.2m)
	Stage – Grid	20m
	Drift	19.2m
	Rear Stage	8.25m
Depth:	Stage front to setting line	900mm
	Setting line to Line 45	8.6m
	Setting line to Rear Wall	10m
	Pit Front to Line 45	12.4m
	Pit Front to Rear Wall	13.8m
	Rear Stage	6.6m

Stage Surface	6mm Masonite painted black
Rear Stage and Wing Surface	Concrete painted black
Stage Rake	Nil
Maximum Load	7.5 kPa
Maximum Point Load	4.5 kN

Stage Machinery

Orchestra Pit and Stage Extension

The forestage area may be used for auditorium seating, an orchestra pit or raised to create a thrust stage. Reconfiguration from standard auditorium may incur additional labour costs.

Pit Floor Area

Load Capacity	8000kg
Width	10m
Depth	
Centre	3m
Sides	2.3m

Chain Hoists

There are ten electric chain hoists located at Front of House.

2 of these are dedicated to the centre speaker cluster.

Load capacity each: **500kg**

Auditorium

The auditorium consists of stalls and two gallery levels.

Total	723
Seated (including orchestra rows)	707
Standing	16
Stalls	447
Orchestra rows removeable	-50
Gallery 1	139
Gallery 2 seating	121
Gallery 2 standing	16

Flying Facilities

There are 49 single-purchase counterweight fly lines, four of which are panorama lines.

Fly System Details

Operating Position	Prompt Side – stage level
Total number of lines	49 (46-49 are panorama lines)
Batten Drift	19.2m
Batten Type	50mm x 75 mm steel RHS
Batten Length	18m
Batten Point Load	200kg
Batten W.L.L	750kg
Cradle Capacity	500kg
Slave Cradle Capacity	250kg

Drapery

Type	Material	Colour	Width	Height	Quantity
Borders	Verdi Velvet	Black	18m	4m	4
Legs	Verdi Velvet	Black	8m	11m	6
Legs	Verdi Velvet	Black	4m	11m	4
Transverse Borders	Verdi Velvet	Black	12m	6m	2
Soft Teaser	Verdi Velvet	Black	15m	8.5m	1
House Curtain	Verdi Velvet	Black	9m	9m	2
Cyclorama	Leno filled	White	21m	12m	1
Gauze	Sharks tooth	Black	18m	10m	1
Smother	Wool	Black	21m	12m	1

Stage Covers

Hire charges apply

Style	Cascade Vinyl Dance Floor
Dimensions	5 rolls – 2m x 15m
Colour	Black

Height Access

NIDA Theatres have two (2x) Up-Right 30' single personnel lifters. This equipment is shared by all NIDA venues. Please confirm availability with Technical Manager.

Make/Model	Up-Right 30'
Maximum Height	30' – 9m

Ladders

- (1) 2m fibreglass extension
- (2) 4m fibreglass A-frame
- (1) 3m fibreglass A-frame
- (1) 2m fibreglass A-frame extension
- (1) 3.5m fibreglass Brannach platform ladder

EWP and Ladder Restrictions

Personnel must be inducted in the safe use of access equipment prior to use. Induction can be provided by venue staff.
Safety controls must be put in place if a fall hazard exists at heights in excess of 2 metres.
An induction for this equipment by Venue Staff can be arranged.
Holding a current EWP (Elevated Work Platform) ticket does not automatically allow access to or use of any of this equipment.

Loading Dock

Access

Access to the Parade Theatre is via the Southern Laneway at NIDA and through the scenery workshop area. The theatre is at ground level with flat floor access. Arrangements for load-in must be confirmed with Technical Manager prior to bump in. Smaller items of equipment, costumes etc can be brought in via Stage Door Double doors.

Roller Door Dimensions	4.8m high 2.95m wide
Double Doors to Venue	2.26m High 1.98m wide

Rigging

The Parade Theatre grid can be accessed via stairs from both the PS and OP galleries. There is also a 1m x 1m Bomb-bay door located in the US OP section of the grid. Personnel requiring access to the grid and galleries must be accompanied by a NIDA Theatres technician.

All flown items must be rigged with rated equipment as approved by the Venue Supervisor.

NIDA Theatres carry a very limited stock of rigging equipment and hardware. Presenters must supply all equipment required to mount a production.

Mirror Ball

The Parade Theatre has a standard mirror ball with motor on Line 23.
Due to the circumference, please account for 1 empty fly line either side of the mirror ball.

LIGHTING

Positions

Stage LX Bars

LX bars can be swung to any line set from their standard positions but must be returned to standard at the conclusion of each production.

FOH Bridge 3

Setting Line to lighting bar	20700mm	37°
Usable bar width	48mm OD	
Notes	(5) ETC Source LED2LS 14deg, rigged as standard (5) Selecon Pacific 5.5 - 13deg, 800w, rigged as standard	

FOH Bridge 2

Setting Line to lighting bar	16600mm	50°
Usable bar width	48mm OD	
Notes	(6) ETC Source 4 LED2LS 19deg, rigged as standard (2) ETC Source 4 LED2LS 14deg, rigged as standard (specials) (2) Strand Prelude 16-30deg, rigged as standard (prod. Desks)	

FOH Bridge 1

Setting Line to lighting bar	14000mm	65°
Usable bar width	48mm OD	
Notes	(4) Selecon Pacific 5.5°-13°, 1000w; (2) Selecon Pacific 12°-28°, 600w rigged as standard. (Conductor Specials)	

Gallery Rail 2

Setting Line to lighting bar	16300mm	30°
Usable bar width	48mm OD, aluminium extrusion	
Notes	Maximum load on gallery rail is 35kg/m evenly distributed.	

Gallery Rail 1

Setting Line to lighting bar	15000mm	18°
Usable bar width	48mm OD, aluminium extrusion	
Notes	Maximum load on gallery rail is 35kg/m evenly distributed. (6) Selecon Pacific 45°-75°, 80v 1200w DMX rigged as standard	

FOH Proscenium Booms (PS & OP)

Setting Line to Prosc. Boom	12186mm	86°
Distances are to the highest downstage point of boom or perch.		
Maximum lanterns per boom	Maximum (6) Selecon Zoom spots, (2) rigged as standard rig (max. 15kg per fixture)	
Notes	Prosc. boom is 8800mm long. Maximum rigging height is 9500mm. (2) Selecon Pacific 23°-50°, 600w rigged per side as standard	

Box Booms 1 (PS & OP)

Setting Line to FOH Boom	11350mm	76°
Maximum lanterns per boom	6	

Notes
Access to these positions is via ladder and all climbers must wear a harness and be attached to the fall arrest device. Personnel must be trained in the use of this equipment.

Atmsopherics (additional cost)

Antari Hz-300 Hazer (1) Channel 1000 (Adress 10/512) Patched into ELC Node3 Prompt Side Stage Level

NIDA has a number of other styles of atmospheric machines. Please contact the technical manager for further information.

Control

Lighting Desk	ETC Gio@5
Secondary/Slave Control from stage (subject to availability)	ETC Ion
Control Channels	4,096 Outputs/Parameters
Signal Output Interfaces	(4) DMX 512 Output (2) Ethernet 802.3af compliant PoE
Signal Distribution	1x ELC dmxLAN SWITCHGBX 18 w/ DLN8GBXSL (Bio Box) 3x ELC dmxLAN NODEGBX 8 (1x FOH Rack + 2x OP Fly Floor) 4x ELC dmxLAN NODE3 (PS Fly Floor, PS & OP on Deck + 1x Floating)
Standard Output	8 universes

Universe Breakdown

Universe	Location
1	All Dimmers
2	FOH Lustrs
3	Box Booms + FOH Truss'
4	Electrics 1 & 1A
5	Electrics 2 & 2A
6	Electrics 3 & 3A
7	Electrics 4 & 4A

8	Electrics 5 & 5A
9	Deck Universe
10	House Lights & Hazer + Extra Deck Space

All universes can be output from any of the locations containing ELC nodes. This system can be used with other consoles. Please contact Technical Manager if you require more information.

Dimmers

Total Dimmer Channels	300
Dimmer Locations	(10) 12 way Dimmers located at FOH Bridge 3 (12) Dimmers located on OP Gallery (1) Dimmer located on the PS Gallery (2) Floating stock (moved where required)
2.4kW Dimmer Racks	(25) LSC GenVI Dimmer/Distro (wall mount)

House Lights

House lights are controlled through the lighting console only.

Control Positions	EOS Lighting Console DSP proscenium wall House Left entrance Auditorium (production desk)
-------------------	--

Fade time is only adjustable if used through the Lighting Console.

Stage Luminaires

The venue has a dedicated full stock of lighting instruments. A majority are pre-rigged in standard positions, with additional stock available. For a lighting plan and more information please contact the Technical Manager.

Moving Head (Additional cost-please contact the Technical Manager for further information)

Make	Model	Angle	Detail/Accessories	Wattage	Quantity
Robe	Spiider	4°-50°	Eggcrate attachment on lenses	600W	6
Robe	T1 Profile	7°-49°	Full set of Automated Framing Shutters.	200w	2

Profile

Make	Model	Angle	Detail/Accessories	Wattage	Quantity
Selecon	Pacific	5°-13°	Full set of rotating shutters and gel frames	800W	9
Selecon	Pacific	12-28	Full set of rotating shutters and gel frames	600w	
Selecon	Pacific	45-75	Full set of rotating shutters and gel frames	1200w	6
ETC	Lustr 3	14°, 19°, 25-50°	Full set of rotating shutters and Gel frame.	300w	19
Prolite	ECL CT+	26°, 36°	Full set of rotating shutters and gel frames.	150w	10

PC

Make	Model	Detail/Accessories	Wattage	Quantity
------	-------	--------------------	---------	----------

Selecon	PC1200	Barn doors and colour frames	1200W	25
Selecon	Arena PC	Barn doors and colour frames	2000W	18

Wash/Cyc

Make	Model	Detail/Accessories	Wattage	Quantity
ETC	ColorSource CYC	Nil	133W	7
ShowPro	Fusionpar H-xii	Nil	120w	14
ELC	Cyc 100	Barn Doors	330w	10
ELC	Cyc 050	Barn Doors	170w	4

UV

Make	Model	Detail/Accessories	Wattage	Quantity
LED	EPAR UV	N/A	127w	2

Followspot

Make	Model	Angle	Detail/Accessories	Wattage	Quantity
Robert Juliet	Oz	5.5°-14°	6 colour magazine	600W LED	2

Patching

Location	Quantity	Numbering (PS to OP)	Detail/GPO
FOH Bridge 3	30	79-108	8x 10A GPO
FOH Bridge 2	30	49-78	6x 10A GPO
FOH Bridge 1	48	1-48	6x 10A GPO
Gallery Rail 1	16	148-133	
Gallery Rail 2	16	188-173	
PS Pro Boom	12	109 (Top) - 120(Bottom)	
OP Pro Boom	12	121 (Top) -132 (Bottom)	
PS Box Boom	8	149 (Top) -156 (Bottom)	
OP Box Boom	8	161 (Top) - 168 (Bottom)	
LX 1	36	A36 – A1	
LX 2	36	B36 – B1	
LX 3	36	C36 – C1	
LX 4	36	D36 – D1	
LX 5	36	E36 – E1	
PS Pano Bar	12	12 (US) - 1 DS	
OP Pano Bar	12	12 (US) - 1 DS	

Power

3 Phase Outlets and GPO's

FOH

Bridge 3

(11) 40A 3 Phase Outlet – Permanent Dimmers Only
(1) Power Distribution Board

	Bridge Perimeter	(3) 40A 3 Phase Outlet
BOH		
	PS Stage Level	(4) 40A 3 Phase Outlet (4) 20A GPO (7) 10A GPO
	PS Gallery Level 1	(2) 40A 3 Phase Outlet (4) 20A GPO (4) 10A GPO
	PS Gallery Level 2	(4) 40A 3 Phase Outlet (8) 20A GPO (2) 10A GPO
	PS Gallery Level 3	(2) 10A GPO
	OP Stage Level	(4) 40A 3 Phase Outlet (4) 20A GPO (7) 10A GPO
	OP Gallery Level1	(2) 40A 3 Phase Outlet (4) 20A GPO (4) 10A GPO
	OP Gallery Level 2	(14) 40A 3 Phase Outlet (24) 20A GPO (1) 10A GPO
	OP Rear Stage	(1) 40A 3 Phase Outlet
	Grid	(4) 10A GPO
Basement		
	Sub-Stage	(12) 40A 3 Phase Outlet (8) 20A GPO (2) Audio Power GPO
	Orchestra Pit	(2) 40A 3 Phase Outlet (8) 10A GPO

Cabling

240v Extension Cable

The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig. Any additional equipment may require additional cable stock to be sourced.

Data and Power (Weiland)

The theatre has adequate Weiland and DMX to accommodate connection of the venue's standard lighting equipment. Any additional equipment may require additional cables to be sourced.

3 phase Extensions

Subject to availability. Contact the Technical Manager prior to hire.

Lighting Notes

Proscenium boom positions are only accessible via UL30, with a maximum rigging height of 9500mm above stage level. See **Access Equipment** above for notes on usage.

AUDIO

FOH Audio is a L/C/R system, with L/R cabinets on the proscenium verticals. Central flown array with flown subs.

Control Positions

Dedicated control booth, rear centre of stalls.

Seats can be removed by arrangement should an auditorium operating position be required.

Control

Sound Desk	Allen & Heath dLive S5000
Desk Expansion & I/O	(2) Allen & Heath DX168 Stage Box, 16 In/8 Out
System Control	Allen & Heath AHM-64 Controller

Amplification

Amplifiers	Crown 5000 & 8000 series power FOH line array (2) Crown CS4 (subs) (4) Crown CP660 (surround amps) (4) Crown CS4 (monitors)
------------	--

Speakers

FOH Speakers		
Main Left/Right	(4) box cluster – Stalls (3) box cluster – Gallery 1 (3) box cluster – Gallery 2	JBL VT4886 JBL VT4886 JBL VT4886
Centre (flown vertical array)	(9) JBL VT4886	
Subs (flown)	(4) JBL Cardioid Sub	
Centre Outfill (flown for gallery outfill)	(4) JBL VRX	
Foldback		
Flown (pano. bars)	(4) QSC K10.2	
Ancillary	(2) JBL SR4718X (18" Sub)	

(4) JBL SR4702X (12" Wedge)

Stage Patch

LINE PATCH			
Location to Bio Box	Quantity	Numbering	Detail
Onstage	56		40 sends/16 returns
Stalls	10		10 mic line
FOH Bridges	28		16 mic line/12 tie line
Orchestra	32		24 mic line/8 tie line
Fly Floor	8		8 tie line

SPEAKON PATCH			
Location	Quantity	Numbering	Detail
Onstage	8	FB 1 - 8	2x Patch in each stage corner. Monitor only speakon outs

Playback

Item	Make	Model	Detail	Total
Mac Mini	Apple	Mac Mini	Computer with QLab4 Patched by default with Left, Right, Centre, Sub, Foldback Left, Foldback Right, Surround Left, Surround Right	1

Microphones

A selection of microphones are available for hire - subject to availability. Cabling available as required.

Audio Accessories

Audio accessories can be hired from the NIDA Theatres by prior arrangement

AUDIO VISUAL

Projector

Type	Model	Detail/Accessories	Quantity
Christie	D20WU-HS/WUXGA	18500 ANSI lumens FULL ILS 2.0-4.0:1 lens NO ILS 0.84-1.02:1 lens	1

Projection Screen

16:9 Ratio Front and Rear Projection

Image Size: **8120mm x 4570mm**

AV Playback

Item	Model	Detail/Accessories	Quantity
Tascam DVD	DV-D01U	Pro single DVD player	1
Barco	DCS-100	8 ch scaler	1
Mac Mini	Apple	Mac Mini with QLab 4	1

Projector Rigging Point

Front of House on Gallery One circle rail for front projection.

Cabling

The theatre has cabling to suit the projector in its standard position.

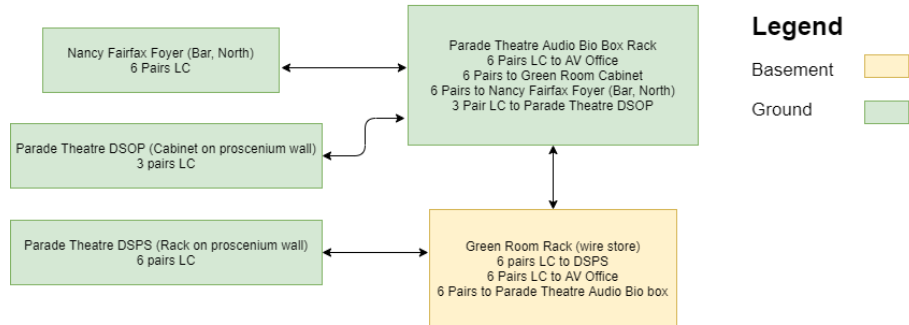
Notes

16:9 screen is front projected.

OTHER PATCHING

Optical Fibre Patch Location

Fibre patching is available throughout the Parade theatre. Contact the Technical Manager prior to hire for further information.



Ethernet Patching

Ethernet patching is available throughout the Parade Theatre. Contact the Technical Manager prior to hire for further information.

SDI Patching

SDI patching is available throughout the Parade Theatre. Contact the Technical Manager prior to hire for further information.

SDI Patch Locations			
Source	Destination	Quantity	Detail
Audio Bio Box	LX FOH 1	1	
	Lighting Bio Box	4	
	Onstage PS	0	
	Onstage OP	4	
Onstage OP	Rear Stage	2	

Communication

Stage Manager's Desk

The Stage Managers desk is located in prompt corner. It is equipped with a light, phone, cue light master station, stage monitors (HD & IR), paging unit and comms.

Comms

Wired and wireless systems have the ability to talk to each other and other systems (within the channel and routing limits of each system).

Wired comms have the ability to be patched into other points around the theatre.

Master Unit	Riedel Performer system in a rack in the Bio Box
Wired Comms	
Total Wired Packs	5
Total Headsets	7
Wired Points	(2) Follow-Spot (1) SMD PS Stage (1) Sound Ops (1) Lighting Ops
(2) Production Desks	
Wireless Comms	
Control System	Riedel Bolero
Total Wireless Packs	5/ (+5 for hire)
Total Headsets	5/ (+5 for hire)

Cue Light System

In house Cue light system available.

Cue lights available as required – cabling to accompany.

Master Unit	LeonAudio MK4 Cue Light Base Station
Up to 16 substations	

Paging/Show Relay

Paging of the dressing rooms is available from the Stage Managers Desk. Show Relay is distributed via a Tannoy system to all dressing rooms and the green room. Some rooms have individual volume control.

Stage Monitor

There is a TV monitor on the Stage Managers desk, flyrail and green room.

Dressing Rooms

Dressing Room #	Capacity	Toilet	Shower	Details
1	3	1	No	
2	3	1	No	
3	5	1	1	
4	5	1	1	
5	12	No	N/A	Shower and toilet facilities located in the basement
6	12	No	N/A	Shower and toilet facilities located in the basement

Laundry Facilities

3 Industrial Maytag Washing Machines
3 Industrial Maytag Dryers
Garment Steamer on request
Iron / ironing board

Clothes racks: There are fixed racks located in the dressing rooms. NIDA Theatres have a limited number of mobile racks that may be available for the Hirers use.

Production Facilities

Production Desk

There are two production desks available which are set up in the centre of the stalls. The tables each accommodate two people, have dimmable lighting overhead, DMX and Ethernet for the lighting desk, talkback and house light control.

Production Office

Located at Stage Door.

Phone

In the Production Office.

Internet access

There is Ethernet access in the Production Office.

Greenroom

The Green Room is located in the basement of the theatre and has couches, programme relay video and audio/paging speakers. There is a small kitchenette including large fridge.

Stage Door

Stage Door is located in the Southern Laneway. A Parade Theatre Stage Door Attendant (Hirer's cost) monitors comings and goings.

ADDITIONAL FACILITIES & INFORMATION

Workplace Health & Safety

A safety induction will be provided by NIDA Theatres staff at the earliest convenient time when most personnel have arrived. Around 15 minutes should be allowed for this in the production schedule.

NIDA Theatres and NIDA are non-smoking environments. A smoking release form must be submitted if any substance is smoked during the production.

A Hazardous Materials Data Sheet must be provided prior to bump-in for all hazardous materials used in the production. Including but not limited to Pyrotechnic effects, theatrical smoke, stage dressings and weather effects.

Applications for use of firearms must be submitted to the Technical Manager at least 28 days prior to the production. Any statutory licensing requirements and associated costs are the sole responsibility of the presenter.

All scenery and props must be inherently flame resistant or treated with an appropriate flame retardant solution and labelled as having been so treated.

Weights are to be marked on items of scenery or props with a mass in excess of 15Kgs.

Any perceived hazards must be identified and documented. A hazard identification form is sent out with hire contracts. Completion of this form allows us to identify whether any hazards need to be assessed and risks managed. The associated risks must be assessed, managed and documented. Risk Assessment Forms are available to assist in this process.

NIDA Theatres has a very limited stock of hard hats, safety chain and warning signage available for the use of presenters' staff. The use of personal protective equipment (PPE) may be required at the request of NIDA Theatres staff.

NIDA WHS policy and handbooks are available on request.

Rehearsal & Overflow Space

NIDA has nine rehearsal rooms for hire. However, availability is limited. Bookings can be made through the Head of NIDA Theatres.

VENUE

Address

Venue Address	215 Anzac Pde Kensington, Sydney NSW 2033
Postal Address	NIDA. UNSW Sydney NSW 2052

Contacts

Head of NIDA Theatre – Monica Scaliarini	monica.scagliarini@nida.edu.au
Phone	02- 9697 7585
Email	manager@paradetheatres.com.au
Fax	02- 9662 7415
Box Office	02- 9697 7613
Reception	02- 9697 7600

Venue Plans

Plans and sections of the venues are available please contact Chris Dickey or Cameron (Doris) Bartie for the latest versions.

Chris Dickey | Technical Manager
E: chris.dickey@nida.edu.au
P: 02 9697 7605

Cameron Bartie – Venue Technical Supervisor
E: cameron.bartie@nida.edu.au
P: 02 9697 7615