



Darebin
Arts

NORTHCOTE TOWN HALL ARTS CENTRE

Main Hall
technical specifications
version #20251119



**Darebin
Arts**

Darebin City Council acknowledges the Wurundjeri Woi-wurrung people as the traditional owners and custodians of the land and waters we now call Darebin and affirms that the Wurundjeri Woi-wurrung people have lived on this land for millennia, practising their customs and ceremonies of celebration, initiation and renewal. Council acknowledges that Elders past, present and future are central to the cohesion, intergenerational wellbeing and ongoing self-determination of Aboriginal communities. They have played and continue to play a pivotal role in maintaining and transmitting culture, history and language.



Contents

Venue Description.....	1
Foyer / Bar	1
Venue Configurations and Capacities	3
Playing Space/Stage.....	5
Rigging.....	7
Lighting.....	10
Audio.....	13
Audio Visual (Video)	14
Staging	15
Height Access	15
Loading Dock (old stage).....	16
Back Stage.....	18
Lighting Floating Stock.....	20
Audio/Visual floating stock	23
Staging floating stock	24
Venue Contact Details.....	27

Venue Description

Northcote Town Hall Arts Centre is a vibrant arts and cultural venue situated north of the Melbourne CBD. It has a long-standing history of providing a platform for diverse voices and inclusive cultural expression.

The Northcote Town Hall Arts Centre building comprises the original municipal building designed in the European neo-classical style, with the art deco Main Hall added later, and a further contemporary expansion developed in 2006. A notable landmark and icon of the city, the venue is home to three performance spaces, arts workshop spaces and meeting rooms.

Foyer / Bar

Foyer description

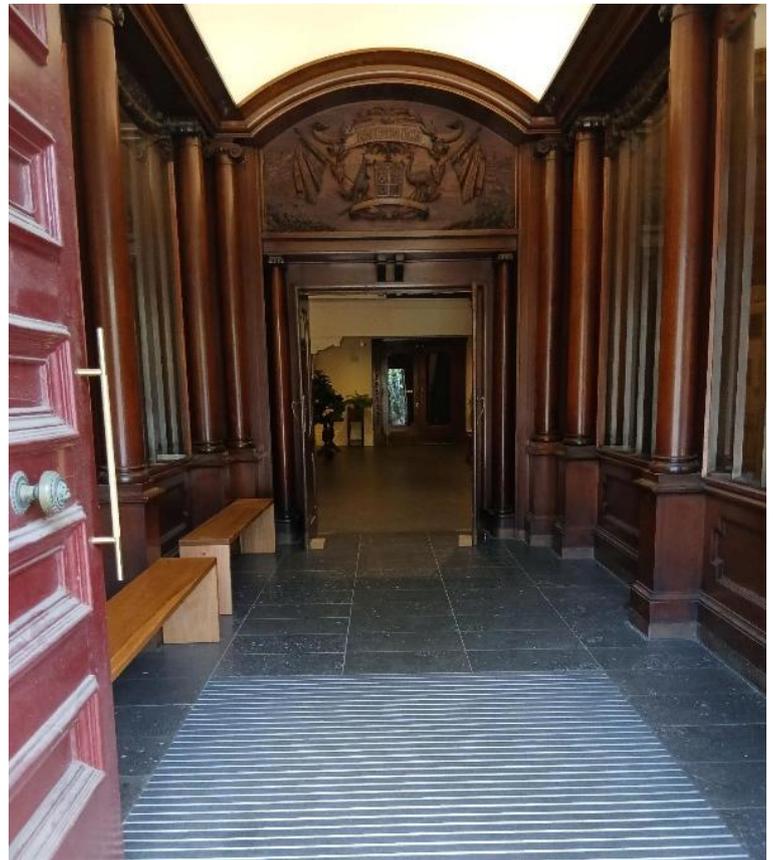
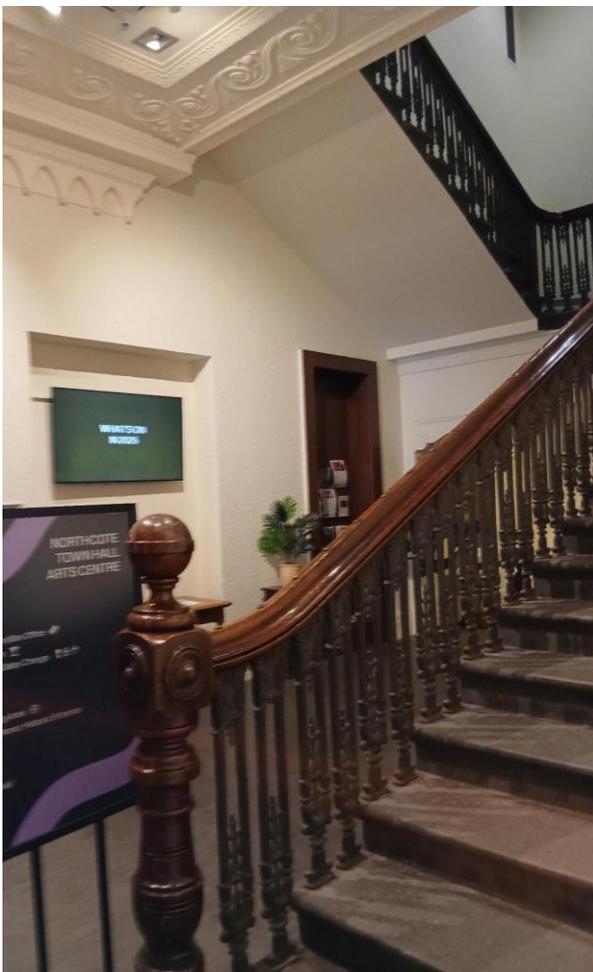
The foyer at the Northcote Town Hall Arts Centre serves as a primary circulation space, providing access to the venue's workshop areas and administrative offices. It is designed to be both functional and inviting and includes integrated facilities such as a box office for ticketing and event services, public restroom amenities, and a designated bar area suitable for hospitality operations.

Foyer furniture

The foyer is furnished with ottoman style couches, coffee tables and round high-top bar tables.

Foyer bar

Northcote town hall is a licensed premises. The bar is operated by qualified bar staff at the venue's discretion.



Venue Configurations and Capacities

- Flat-floor performance space (capacity: 300)
- Raked seating configuration (capacity: 100, additional flat floor rows can be added to increase capacity)
- Round table setup (capacity: 100)
- Standing room configuration (capacity: 350)
- Exhibition / Market or open-floor event setup (capacity: 350)
- Workshop or seminar





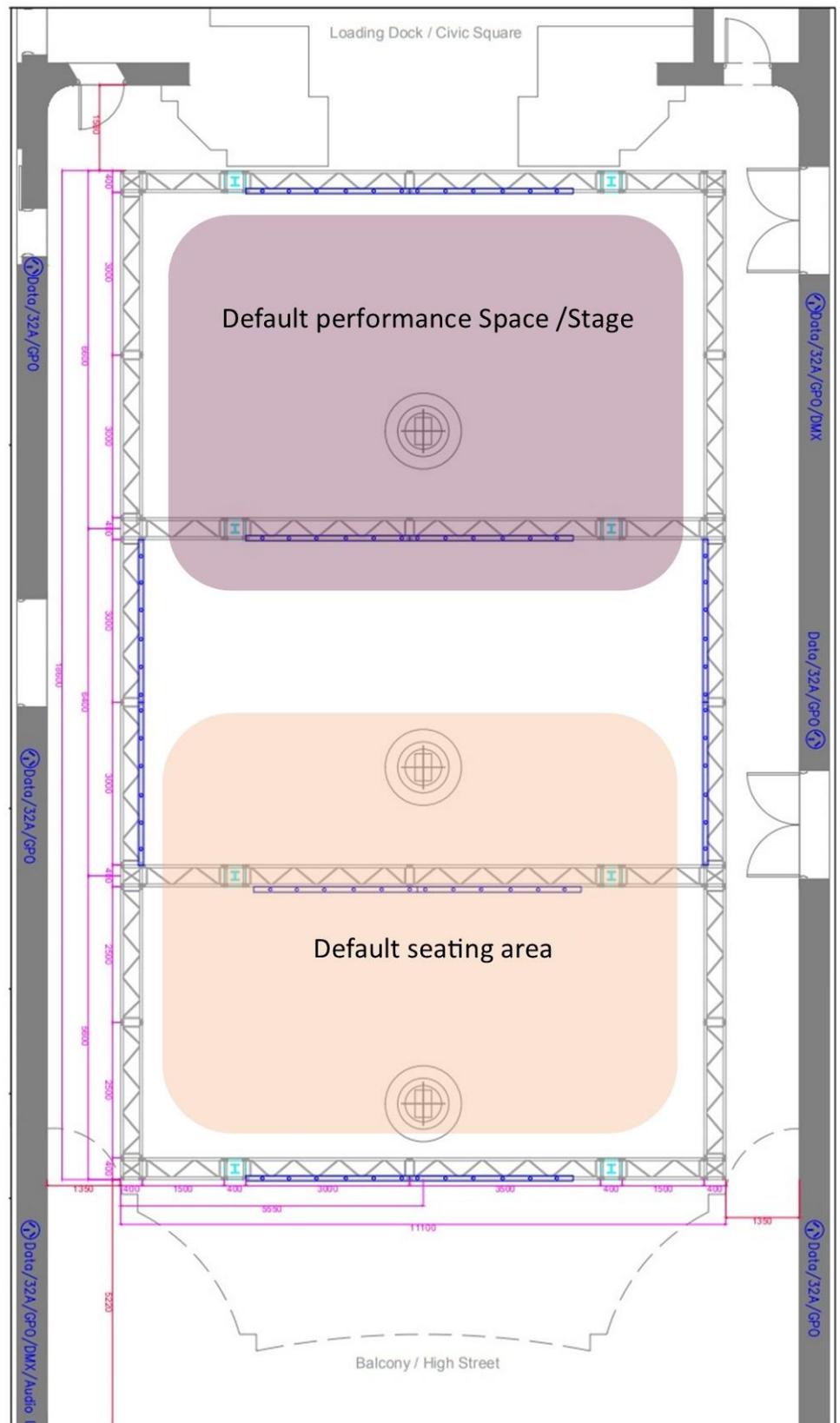
Playing Space/Stage

Playing space/stage description

The Northcote Town Hall Auditorium has been upgraded to support performances at auditorium level and offers flexible staging options for a variety of events.

Playing space /stage default setup

consists raked seating with a 10-metre square playing space located at the south end of the room.



Playing space/stage specifications and measurements

SL – Setting line, CL – Centreline, DS – downstage, US – upstage, PS – prompt side, OP – opposite prompt

Default set up	
Setting line position	9100mm from upstage wall 7800mm from upstage drape
width	11100mm - OP drape to PS drape
Height	7200mm to bottom of truss
Depth	7800mm to upstage drape
Floor loading	Floor loading distributed load limit: 450 kg per square meter Floor loading point load limit: 700 kg per square meter
Floor	Polished wooden floor. Flat floor (no rake).
House curtain	NA
Fixings	No fixings (including gaffa or other tapes) shall be made to any wall, floor or other painted surface without prior venue approval. All scenery should be free standing or use in house rigging points. Permitted tapes for use on the floor: - Nashua 510 gaffer tape matte - Tenacious K740 premium masking tape low tack
Access to dock	The dock connects directly to the rear of the playing space

Playing space overhead obstructions

Obstruction	Height from floor
Chandeliers	6600mm
Balcony	3200mm
Truss	7200mm
Curtain track	700mm

Rigging

Truss and curtain track description and load rating

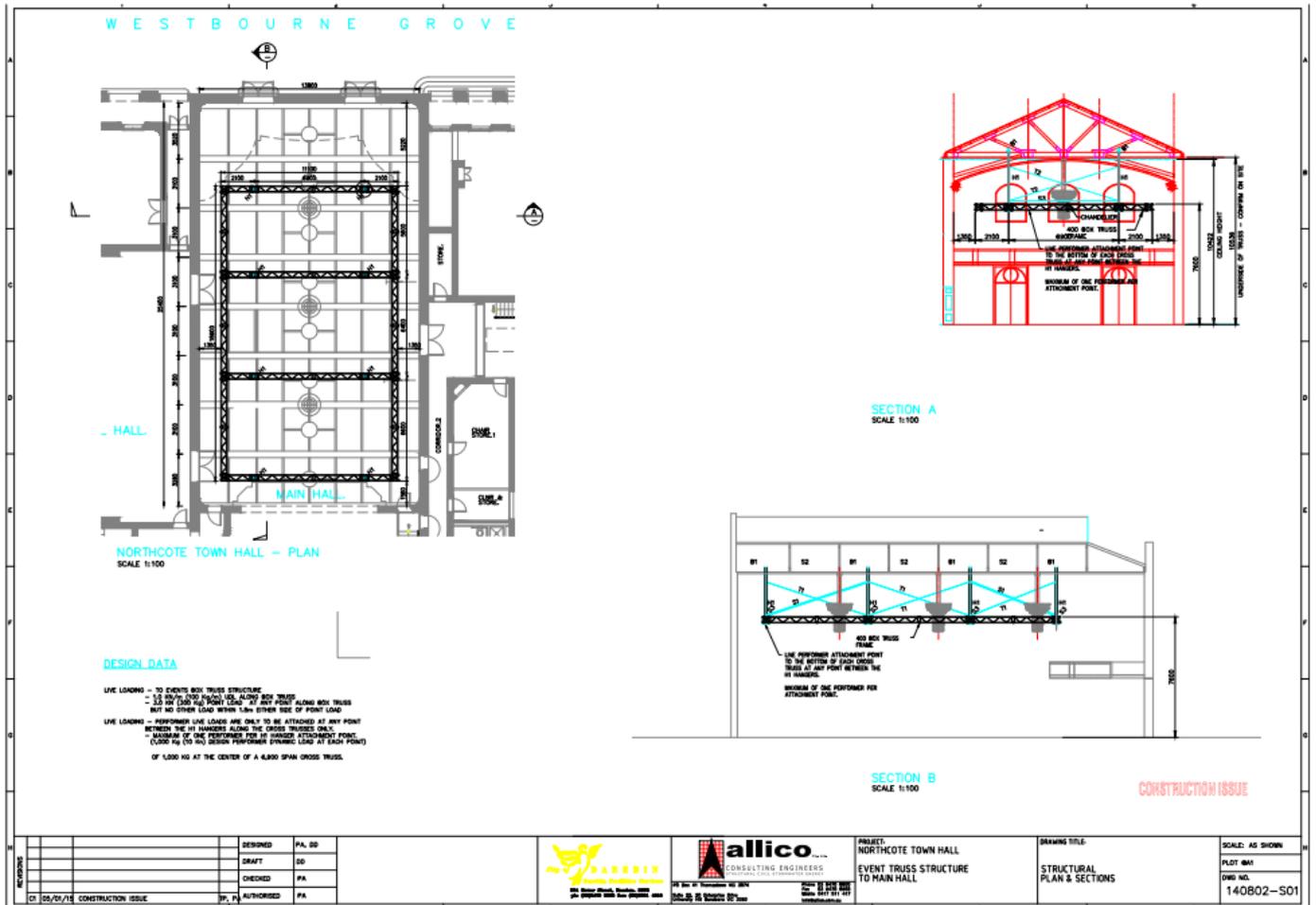
- The main hall truss grid is a rectangular static truss structure measuring 18600mm long x 11000mm wide and is 7200mm from the floor to bottom of truss. Truss Loading 1.0kn/m (100kg/m) UDL along box truss 3.0 KN (300kg) point load at any point along box truss, but no other load within 1.8m either side of point load.

Truss performer live load rating

- Performer live loads are only to be attached at any point between the h1 hangers along the cross trusses only. Maximum of one (1) performer per h1 hanger attachment point (100kg (10kn) design performer dynamic load at each point.) The truss shall be capable of supporting an allowable static load of 1000kg at the centre of a 6,900mm span cross truss. Performers are not to be fixed to any other point outside of h1 loading zones as shown in the user manual.

Curtain track description

- The curtain track is fitted to the outside lengths of the static truss structure. The heavy-duty Rev Pro track is clamped to each run of truss and cannot be removed. The two long runs of track (east & west sides) are 18600mm. The two short runs of track (north & south sides) are 11000mm. Drapes are black wool with webbing, eyelets and ties at the top and a base pocket. The ties are attached to rollers that slide onto the lengths of track. The operation of drapes is hand drawn. Each drape is 3800mm in width and weights 24kg, 17 drapes total. Drapes cannot be positioned to obscure exit signs or Emergency Warning and Intercommunication Systems.





Truss hanging plot

UW = Upstage Wall, ST = Static Truss, OSW = opposite prompt wall, CT = Curtain Track, CB = Chain Block, MC = Motorised Curtain, W.L.L.

Line #	Type	Distance from upstage wall (UW)	WLL	Length	Venue Allocation	Notes	Available for use
NA	MC	-1000mm	Suitable for existing curtain only		(Old stage) FoH Curtain	Architectural obstruction (Old stage sections)	No
1A	ST	1580mm	1.0kn/m (100kg/m) UDL along box truss 3.0 KN (300kg) point load at any point along box truss, but no other load within 1.8m either side of point load.	11100mm	Curtain track	400mm Box Truss (US Cord)	Suitable for rigging light weight items that won't impact curtain track
1B	ST	1980mm		11100mm	LX Bar FoH Speakers	400mm Box Truss (DS Cord)	Yes
2A	ST	7980mm	1.0kn/m (100kg/m) UDL along box truss 3.0 KN (300kg) point load at any point along box truss, but no other load within 1.8m either side of point load.	11100mm	LX Bar	400mm Box Truss (US Cord)	Yes
2B	ST	8380mm		11100mm	Curtain track	400mm Box Truss (DS Cord)	Suitable for rigging light weight items that won't impact curtain track
3A	ST	14380mm	1.0kn/m (100kg/m) UDL along box truss 3.0 KN (300kg) point load at any point along box truss, but no other load within 1.8m either side of point load.	11100mm	LX Bar	400mm Box Truss (US Cord)	Yes
3B	ST	14780mm		11100mm	Curtain track	400mm Box Truss (DS Cord)	Suitable for rigging light weight items that won't impact curtain track
4A	ST	18480mm	1.0kn/m (100kg/m) UDL along box truss 3.0 KN (300kg) point load at any point along box truss, but no other load within 1.8m either side of point load.	11100mm	LX Bar	400mm Box Truss (US Cord)	Yes
4B	ST	18880mm		11100mm	Curtain track	400mm Box Truss (DS Cord)	Suitable for rigging light weight items that won't impact curtain track

Panorama lines

Line #	Type	Distance from (OPW)	WLL	Length	Venue Allocation	Notes	Available for use
5A	ST	1350mm	1.0kn/m (100kg/m) UDL along box truss 3.0 KN (300kg) point load at any point along box truss, but no other load within 1.8m either side of point load.	1860mm	Curtain track	400mm Box Truss (Off Stage Cord)	Suitable for rigging light weight items that won't impact curtain track
5B	ST	1390mm		1860mm	LX Bar	400mm Box Truss (On Stage Cord)	Yes
6A	ST	12410mm	1.0kn/m (100kg/m) UDL along box truss 3.0 KN (300kg) point load at any point along box truss, but no other load within 1.8m either side of point load.	1860mm	LX Bar	400mm Box Truss (On Stage Cord)	Yes
6B	ST	12450mm		1860mm	Curtain track	400mm Box Truss (Off Stage Cord)	Suitable for rigging light weight items that won't impact curtain track

Lighting

Lighting control

Lighting positions	See hanging plot (rigging)
Lighting desk	ETC Ion XE
Output channels	2048 (parameters)
Signal output	DMX ports x 4 sACN (default) Art-Net

Lighting signal distribution

DMX, sACN, Art-Net	<p>DMX is distributed over 8 universes via a Chauvet Net-X II node</p> <p>5 pin DMX patch points are available at lx bars 1 though 4, and in 4 wall boxes around the studio and in the dimmer room.</p> <p>Default</p> <p>Universe 1 - LX1</p> <p>Universe 2 - LX 2</p> <p>Universe 3 - LX 3</p> <p>Universe 4 - LX4</p> <p>Universe 5 and 6, patchable</p> <p>Universe 7 House lights and work lights</p> <p>Universe 8 dimmers</p>
Network	<p>Ethernet ports are available in all wall boxes and at LX bars 1 through 5.</p> <p>Ports are patchable in the dimmer room.</p> <p>The default patch provides sACN and control in 4 of the auditorium wall boxes.</p>
Remote riggers available onstage	I-Pad

Lighting dimmers

Total dimmers (channels)	72 switchable trupower/dimmable channels
---------------------------------	--

Dimmer locations	The dimmer room is located on the west side of the loading dock, Upstage OP of the default playing space.
2.4 kW dimmer racks	6 x LSC gen12/13w Gen VI 12ch x 13-amp power distribution relay dimmers
5 kW dimmer racks	N/A
Portable dimmers	See floating stock

House lights

House lights are comprised of 3 x chandeliers, and 16 x wall sconces, they are grouped across 6 x DMX addresses.

Independent control	Can be operated from wall panels
Control positions	Main entrance and US/OP
Can be patched to console	Yes
Total house light DMX channels	6
Total work light DMX channels	1

Stage luminaire (standard rig)

Make	Model	Type	Angle	Detail / Accessories	Watt	Quantity
ETC	Source 4 Lustr Series II	Profile	15-30 Zoom	Shutters, gel frame	167 W	6
Highlite	Infinity TF- 260C7	Fresnel	10 – 50 Zoom	Barn doors, gel frame	260 W	6
Chauvet	Colordash led par-hex 12	LED Par	20 degrees beam angle, 30 degrees field angle		95W	6

Please see the *floating stock* section of this document for a list of the venue's additional hireable luminaires.

Patching

Location	Quantity	Numbering	Detail
LX1	12	1-12	Switchable between dimmer, direct power and DMX controlled relay.
LX2	12	13-24	Switchable between dimmer, direct power and DMX controlled relay.
LX3	12	25-36	Switchable between dimmer, direct power and DMX controlled relay.
LX 4	12	37-48	Switchable between dimmer, direct power and DMX controlled relay.
LX 5	12	49-60	Switchable between dimmer, direct power and DMX controlled relay.
LX6	12	61-72	Switchable between dimmer, direct power and DMX controlled relay.

Power

Location	Type	Current use	Quantity
Dimmer room	32-amp 5 pin	Dimmers	6
Auditorium wall boxes	32-amp 5 pin		6
Loading dock (behind stage)	40-amp 5 pin		4
Old bio box (Mezzanine above dimmer room)	32-amp 5 pin		2
Behind Pros (1 OP, 1 PS)	32-amp 5 pin	Audio	2

Audio

Audio control and amplifiers

Mixer	Midas Mr32R w/ Midas dl32 digital stage box X 1
Positions	Portable
Amplifiers	2 x Australian monitor xa1400 amplifiers

Please see the *floating stock* section of this document for a list of the venue's additional hireable consoles and control equipment

Loudspeakers

Main left and right	2 x Quest qm350i wall mounted speakers
Delays	2 x Quest qm350i wall mounted speakers
Foldback	See floating stock

Please see the *floating stock* section of this document for a list of the venue's additional hireable loudspeakers

Patching

Stereo line level inputs	1 x Midas dl32 digital stage box on prompt side of the proscenium
Microphone inputs	32
Line level speaker patches	16



Audio Visual (Video)

Audio Visual description

The Northcote town hall main hall does not have any permanently installed vision equipment.

Please see the *floating stock* section of this document for a list of the venue's hireable AV equipment

Staging

Staging description

The Northcote town hall main hall does not include any portable staging equipment.

Please see the *floating stock* section of this document for a list of the venue's hireable staging equipment

Height Access

Elevated Work Platforms

Height Access Equipment	Type	Working Height	Platform Height
1 x JLG 1932es	scissor lift	7.5m	5.6m
1 X JLG 1930es	scissor lift	7.5m	5.6m

Ladders

Height Access Equipment	Type	Working Height	Platform Height
1 x 8ft A frame ladder	Ladder	3.8m	1.8m
1 x 6ft A frame ladder	Ladder	3.2m	1.2m
2 x 3ft ladder	Ladder		
1 x Extension ladder	Ladder		

EWP restrictions

- Two Venue staff are required when EWPs are in use.
- All work at height to be conducted within City of Darebin procedures.

Loading Dock (old stage)

Loading dock description

The original stage has been removed, allowing performances to take place in front of the house curtain on the auditorium floor. The former stage area now serves as a loading dock, and a storage area. It can provide access between the Main Hall and the adjoining Civic Square via a 6m x 4m doorway.

The “Old Stage” does not include overhead rigging or standard stage furniture.

Loading dock specifications and measurements

Loading doors	Double doors upstage center of south wall opening to the Civic square.
Opening to Auditorium (Proscenium) width	6500mm (Pros to Pros) 4400mm (At floor level)
Opening to Auditorium Proscenium height	6500mm
Dock depth	6200mm
Dock width	6500mm (Rear of Pros)
Floor Loading	Floor loading distributed load limit: 450 kg per square meter Floor loading point load limit: 700 kg per square meter
Floor	Polished wooden floor. Flat floor (no rake).
House Curtain	Gold velvet. Motorised French action fixed tab track mounted to rear of proscenium.
Door dimensions	4220 mm high x 5970 mm wide
Fixings	No fixings (including gaffa or other tapes) shall be made to any wall, floor or other painted surface without prior venue approval. All scenery should be free standing or use in house rigging points.
Access to dock	Access to stage area is via the main hall and from the Civic Square. The dock is at floor level.

Loading dock access

Loading dock access is via the service road on James St. The service road is suitable for 5-ton trucks and smaller.



Back Stage

Back stage description

The Northcote town hall main hall shares backstage facilities with the venue's studio performance and workshop spaces.

Dressing room

The Northcote town hall main hall shares one dressing room with the venue's studio performance and workshop spaces.

It is located on the west side of the building.

The room contains: lockers, 6 x makeup stations with lights and mirrors, a wash basin, microwave and small bar fridge.



Communications

SM desk	No
Talkback	Motorola DP2400 2-way radios. X 4
Paging/Show relay	No
Q light system	No

Laundry facilities

The Northcote town hall main hall shares basic laundry facilities with the venue’s studio performance and workshop spaces.

It is located on the west side of the building.



Lighting Floating Stock

Floating stock stage luminaire

Make	Model	Type	Angle	Detail / Accessories	Watt	Quantity
ETC	Source 4 Lustr Series II	Profile	15-30 Zoom	Shutters, gel frame	167 W	2
ETC	Source 4 juniors	Profile	25-50 Zoom	Shutters, gel frame	575 W	10
Selecon	Acclaim	Profile	18-34 Zoom	Shutters	650 W	2
Selecon		PC		Barn doors, gel frame	1kW	4
LDR Tempo		Fresnel	Barn doors, gel frame	Barn doors, gel frame	650 W	6
Highlite	Infinity TF- 260C7	Fresnel	10 – 50 Zoom	Barn doors, gel frame	260 W	6
Chauvet	Eve P-160 RGBW	LED Fresnel	Narrow, Medium, Wide	Magnetic lens'	160 W	4
Chauvet	Slim PAR Pro	LED Par	16 degrees beam angle, 31 degrees field angle		96W	4
Generic	PAR 64	PAR Can	MFL	Gel frame	100 W	8
Generic	Multi- PAR	Multi- PAR	narrow medium and wide	Lens' narrow medium and wide	600 W	4
Chauvet	FreedomFlex H1	Battery PAR	wash			8
Chauvet	FreedomFlex H4	Battery PAR	wash			12
Ayrton	S6 Nandobeam	Moving Wash	8 – 40 Zoom	Clamps	555 W	4

Floating lighting effects

Make	Model	Type	Detail / Accessories	Quantity
Unique	2.1	Hazer	Shutters, gel frame	1
Antari	Z350	Fazer	3 pin DMX	1
Mirror Ball	60cm		DMX controlled motor	1

Floating lighting stands

Make	Model	Type	Detail / Accessories	Quantity
Booms	2m high + 2 x boom arms	50mm pipe	w/ Base plates	4
H- Stands	Generic	Profile	Shutters, gel frame	12

Audio Floating Stock

Floating stock speakers

Make	Model	Type	Detail / Accessories	Quantity
Meyer	UPA-1p	Mid High	With yolks/brackets	4
Meyer	600-hp Subwoofers	Subwoofer		2
Quest	QM450a	Foldback / Mid High		8

Floating stock audio consoles

Make	Model	Type	Detail / Accessories	Quantity
Allen Heath	QU16	Digital Audio Console	Allen & heath ab168 audio racks X 2	2

Floating Stock Microphones / D.I.s

Make	Model	Type	Detail / Accessories	Quantity
Shure	SM58	Dynamic	Clip	6
Shure	Beta 58a	Dynamic	Clip	1
Shure	SM57	Dynamic	Clip	4
Shure	Beta 57	Dynamic	Clip	2
Shure	Beta 87c	Condenser	Clip	2

Shure	Beta 52a	Dynamic	Clip	1
Sennheiser	E914	Condenser	Clip	2
Sennheiser	E904	Dynamic	Drum Clip	2
Sennheiser	Meg 14040	Lectern Mic		1
DPA	4099	Condenser	Guitar mount and Sennheiser adapter	1
Klark Technik	DN200	Stereo DI		2
Radial	USB Pro	Stereo DI		1
Whirlwind	Connect EDB1	Passive DI		2
Behringer	Ultra DI	Mono DI		2

Floating stock radio microphone receivers

Radio rack 1				
Make	Model	Type	Detail / Accessories	Quantity
Sennheiser	EM100 G3	Receiver	Antenna cabling	4
Sennheiser	ASA1	Antenna Combiner	Antenna cabling	1
Sennheiser	Directional Ante3nnas (Paddles)	Antenna		2
Radio rack 2				
Make	Model	Type	Detail / Accessories	Quantity
Sennheiser	EM100 G3	Receiver	Antenna cabling	4
Sennheiser	ASA1	Antenna Combiner	Antenna cabling	1
Sennheiser	Directional Antennas (Paddles)	Antenna		2
Loose receivers				
Make	Model	Type	Detail / Accessories	Quantity
Sennheiser	EW500 G3	Receiver	With whip antennas and power supply. In Pelican case	2

Floating stock radio microphone transmitters and capsules

Make	Model	Type	Detail / Accessories	Quantity
Sennheiser	G3 EW100 Belt pack transmitters	transmitter	Belt clip	6
Sennheiser	Hand Held w/ E835 capsule	Dynamic	Clip	2
Sennheiser	Hand Held w/ E845 capsule	Dynamic	Clip	6
Sennheiser	Hand Held w/ E935 capsule	Dynamic	Clip	2

Floating stock lapels and headsets

Make	Model	Type	Detail / Accessories	Quantity
DPA	4066 omni headset	Headset	Sennheiser 3.5mm connector	2
Rode	Lavalier	Lapel	Sennheiser 3.5mm connector	4

Audio/Visual floating stock

Floating stock projectors

Make	Model	Type	Detail / Accessories	Quantity
Barco	RLM-W6	3 Chip 6000 lumens projector	1 x Barco Zoom R9832744 Lens 1 x Barco Fixed R9832740 Lens	1
Epson	EB-G7400U NL 4K	Projector	ELPM08 Lens	1
Epson	Epson lcd h478b projector (wi-fi compatible)	Projector	Portable Projector	1
Mitsubishi	Generic portable office projector (3000 lumens)	Projector	Portable projector	2

Floating stock screens

Make	Model	Type	Detail / Accessories	Quantity
Stumpl	monoblox 64 screen 16/9 5008 x 2940mm	Past folding style ground supported screen	With legs and drape kit.	1
Portable office projection screen	Generic	Pull up screen	Approx 2.8 m– 2.9 m diagonal	2

AV electronics control

Make	Model	Type	Detail / Accessories	Quantity
Roland	V-40HD	Switcher	1080/60 HDMI only	1
TV One	C2-2355 Universal Scaler Plus	Switcher / scaler	w/ Black Magic Battery Converter SDI - HDMI	1
Black Magic	Bi-Directional SDI/HDMI 12G	Converter	For formats up to 2160p60.	2

Staging floating stock

Drape system

Make	Model	Type	Detail / Accessories	Quantity
Reveal Productions	Woolen drapes 3.2m wide x 4m drop	Woolen	75% fullness	4
Reveal Productions	4m Uprights	Aluminium	w/base plates and spigots	6
Reveal Productions	Cross bars 1.8m - 3m	Aluminium		5

Rostra

Make	Model	Type	Detail / Accessories	Quantity
Sico	Folding staging	Carpeted top 1200/2400	Can be set at 400mm and 600mm height	4
Sico	Treads	2 steps with handrail	Suitable for both heights	2
Sisco	Rear guard rail	Aluminium	2.4m wide	2

Tarkett

Make	Model	Type	Detail / Accessories	Quantity
Harlequin	studio vinyl dance floor	Reversible Black and Light Grey	10000mm / 2000mm	4

Rigging

Make	Model	Type	Detail / Accessories	Quantity
Spanset	30cm 250KG flat slings	Sling	Yuppie	6
Polyester round sling	2-ton 1 meter	Sling		10
Polyester round sling	2-ton 2 meter	Sling		6
Polyester round sling	2-ton 3 meter	Sling		6
Steel Wire Rope Sling	780 kg 1 meter			4
Steel Wire Rope Sling	780 kg 2 meter			4
Steel Wire Rope Sling	780 kg 3 meter			4
Shackles	Various	Various	The venue has a good stock of 1-ton to 4.75 shackles	40
Global	50mm 45 degree truss couplers	Various	Rated between 120kg and 375 kg	4

Global	50mm swivel truss couplers	Various	500 kg	8
Spanset	2-ton 4m Black Stage Wire Rope Slings			2
Generic	1-ton hand hoist chain blocks		w/ chain bag	2

Lectern

Make	Model	Type	Detail / Accessories	Quantity
Generic	Lectern	With microphone input	Black	1

Musical Instruments

Make	Model	Type	Detail / Accessories	Quantity
Pianoforte	Yamaha C7 Grand Piano	Conservatory series	Piano bench	1

Venue Contact Details

Address:

189 High Street Northcote Victoria 3072:

<https://maps.app.goo.gl/PC7mn2Qer9VG9EAu6>

Website:

<https://arts.darebin.vic.gov.au/Arts-venues/Northcote-Town-Hall-Arts-Centre>

Strategic Lead of Operations:

Josh Sanders: E josh.sanders@darebin.vic.gov.au

Production Supervisor:

Justin Charleson E justin.charleson@darebin.vic.gov.au

Presenter Services Supervisor:

Omar Crawford: E omar.crawford@darebin.vic.gov.au