NORTHCOTE TOWN HALL ARTS CENTRE

MAIN HALL, CIVIC SQUARE & STUDIO 1 & 2 TECHNICAL SPECIFICATIONS

Version: 06 20230914



Darebin Arts



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CONTACT DETAILS

Head of Operations Omar Crawford (Acting) E <u>omar.crawford@darebin.vic.gov.au</u>

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

Presenter Services Supervisor Omar Crawford E <u>omar.crawford@darebin.vic.gov.au</u>

EMERGENCY CONTACTS

Fire / Police / Ambulance	000
Northcote Town Hall Afterhours	8470 8889
Northcote Police	9403 0200
Incident Hotline	8470 8815
Chubb Security	13 15 98

MAIN HALL GENERAL INFORMATION

Length	Rear wall to proscenium arch	24,000 mm
Width	Wall to wall	13,800 mm
Height	Floor to ceiling	9,500 mm
	Floor to base of Chandeliers	6,600 mm
	Floor to base of Truss	7,200 mm
	Floor to underside of balcony	3,200 mm
		5,200 mm
Floor	Polished hardwood floor. Flat floor (no rake).	
	No fixings are to be made to the floor.	
	Care must be taken to prevent damage to the floor surfa	60
	·	ce.
	Please check with venue staff if you are unsure.	
Floor loading	500 kg point load	
i looi looding	500 kg per square meter	
Loading Doors	4,250 mm high x 6000 mm wide	
	1 x set double doors in Southern wall to stage (at floor level),	
	access via civic square.	
Door Dimensions:	2,400 mm high x 1,800 mm wide	
Fixings	No fixings (including Gaffa or other tapes) shall be made	to any wall, floor or other painted surface.
Blackout	Total blackout is not achievable in daylight. The windows	are fitted with motorized blinds which
	limits the amount of light coming into the space but doe	s not eliminate it. These are controlled via a
	wireless remote control located on the wall near the wes	t wing kitchen. This does not provide total
	blackout during daylight.	
Access	Entry to the main hall is via the Main Entrance on High St	reet and through double doors in the East
	wall. The hall may also be accessed via the Studio Foyer l	by special arrangement. The Studio Foyer is
	accessed via Civic square from High Street, or via the land	eway from Westbourne Grove.
Emergency exits	Emergency exit is via the double doors in the North wall	and downstairs to Westbourne Grove, or
	via the double doors in the East wall and out to High Stre	et.
	_	

MAIN HALL OLD STAGE / LOADING DOCK AREA INFORMATION

Proscenium	Width At floor level Height	6,500 mm 4,400 mm 6,500 mm
Stage Depth	Setting Line to back wall	6,200 mm
Stage width	Wall to wall	6,500 mm
House Curtain	Gold velvet. Motorised French action fixed tab track mounted to rear of proscenium.	
Floor	Polished wooden floor. Flat floor (no rake). No fixings are to be made to the floor. Care must be taken to prevent scratching and other damage to floor surface. Please check with venue staff if you are unsure.	
Floor loading	500kg point load 700 kg per square meter	
Loading Doors Square.	Double doors upstage center on South wall opening to Civic Square	
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 surfa without prior venue approval. All scenery should be free standing or use in house rigging points. 8 Eye bolt hooks are located along the top of the East and West walls.	
	*Please inquire with our Production Supervisor if you w	ish to use them
Access to Stage	Access to stage area is via the Main Hall. The stage area is at floor level.	

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.

The truss is 400mm Global Alloy Box Truss, powder coated to Dulux – 2066M to match the interior wall colour. The Truss grid is secured to 8 x (H1) vertical UC steel hangers which are attached and supported from the internal timber roof trusses.

Truss as specified:

16 x F44P square 6-way truss cube with half spigots on 2 faces

- 16 x F32-44 cube junction half spigots with M12 screw
- 8 x F44P square 1500mm box truss
- 4 x F44P square 2500mm box truss
- 12 x F44P square 3000mm box truss
- 4 x F44P square 3500mm box truss

Event Truss Live Load Rating

- 1.0KN/m (100Kg/m) UDL along box truss
- 3.0 KN (300Kg) Point Load at any point along box truss, but <u>NO</u> other load within 1.8m either side of point load.

Event 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.

See design plans – Drawing 140802-S01

* PLEASE CONSULT WITH THE PRODUCTION SUPERVISOR PRIOR TO ANY RIGGING, ALL RIGGING MUST BE UNDERTAKEN BY A QUALIFIED RIGGER

CURTAIN TRACK

The curtain track is fitted to the outside lengths of the static truss structure. The heavy duty Revpro 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

*Please note the Main Hall drapes are installed seasonally, please inquire whether you need them installed or not as they may incur extra costs to have them installed or de-installed.

STUDIO ONE GENERAL INFORMATION

Length	15,900 mm
Width	10,100 mm
Height	5,200 mm
Height to Grid	4,800mm
Floor	Polished hardwood floor. Flat floor (no rake). No fixings are to be made to the floor. Care must be taken to prevent damage to the floor surface. Please check with venue staff if you are unsure.
Floor loading	450 kg point load 500 kg per square meter
Grid Loading	Truss rails: Max 62kg/m UDL, 100kg Point load (IF BAR RAIL IS NOT LOADED) Truss rails: Max 51kg/m UDL, 86kg Point load (IF BAR RAIL IS LOADED) Bar rails: Max 11kg/m UDL, 40kg Point Load.
Loading doors	2 x double doors in east wall, access via main hall and Westbourne Grove, or stage double doors and civic square. 1 x double doors to main foyer, access via civic square.
Door Dimensions:	2,400 mm high x 1,800 mm wide.
Fixings	No fixings (including Gaffa or other tapes) shall be made to any wall, floor or other painted surface. All scenery should be free standing or use in house rigging points.
Acoustics	Studio One has been acoustically treated.
Blackout	This space is completely internal and receives no natural light, making 100% blackout possible.
Access	Entry to this space is via the Studio Foyer. The Studio Foyer is accessed via Civic square from High Street, or via the laneway from Westbourne Grove.
Emergency exits	Emergency exit is via door in North wall and down corridor to Westbourne Grove, or via studio foyer to Civic Square.

STUDIO TWO GENERAL INFORMATION

Length	10,750 mm
Width	7,250 mm
Height	4,300 mm
Height to Grid	4,100mm
Floor	Painted ply sheeting. Flat floor (no rake). No fixings are to be made to the floor.
Floor loading	450 kg point load 550 kg per square meter
Grid Loading	Max 18kg/m UDL, 26kg Point load.
Loading doors	Single door in south wall, access via main foyer and civic square.
Door dimensions:	2,650 mm high x 1,280 mm wide Double doors in east wall, access via Westbourne Grove and corridor.
Door dimensions:	2,000 mm high x 1,600 mm wide.
Fixings	No fixings (including Gaffa or other tapes) shall be made to any wall or painted surface. All scenery should be free standing or use in house rigging points where possible. The studio is fitted with picture rails for Art or Photographic exhibitions.
Blackout	The space can be blacked out using the blackout curtains on the North and West walls.
Access	Entry to this space is via the studio foyer. The Studio Foyer is accessed via Civic square from High Street, or via the laneway from Westbourne Grove. Alternative access is available from Westbourne Grove by special arrangement.
Emergency exit	Emergency exit is via double doors in the east wall then via corridor to Westbourne Grove, or through single door in south wall and via corridor to studio foyer.

MAIN HALL TECHNICAL DETAILS

Audio System Lighting System	4 x Quest QM350i wall mounted speakers 2 x Australian Monitor XA1400 Amplifiers 1 x RANE HAL-1 8x8 System DSP & Digital Mixer 2 x RANE DR-3 Control Panels (Northeast & South ends)
	1 x ETC ION Lighting Control Desk (2 x 20 Fader Panels) 4 x Ayrton Nandobeam S6 moving head wash 6 x ETC S4 LED Lustre – 15-30 Zoom Lens Tubes (4 x additional S4 Fresnel adaptors available) 6 x Infinity LED Fresnel 6 x Colourdash LED PAR-HEX 12
DMX Patch locations	2 x 5 pin DMX inputs located behind concealed panels at auditorium level 8 x 5 pin DMX outputs located behind concealed panels at auditorium level 4 x 5 pin DMX outputs located in the box truss
Dimmers	6 x LSC GEN12/13W GenVI 12ch x 13A Power Distribution Relay Dimmers 72 Switchable TruPower/dimmable channels * To avoid any potential damage to connected equipment, only authorized Northcote Town Hall
3 Phase power	 technical staff are permitted to program and activate dimmers. 6 x 5 pin 32amp outlets located behind concealed panels at floor level 3 x East wall, 3 x West wall 4 x 5 pin 40amp outlets located on the stage 1 x behind proscenium PS 1 x behind proscenium OP 1 x PS wall, 1 x OP wall 2 x 5 pin 32amp outlets located in bio box
Lighting Positions	6 x 6m 12 outlet circuit tubes SWL – 100kg UDL along box truss
House Lights	House Lights are dimmable via 8 button Cueserver control wall panel House lights can be operated also via lighting desk control. 3 x Chandeliers, 16 x Wall sconces. East and West walls 3 x down lights under balcony Decorative lighting inside the Proscenium arch.

STUDIO ONE TECHNICAL DETAILS

	Audio System 2 x Quest HPI-111 speakers 2 x Quest HPI-12S subwoofers 1 x Lab Gruppen C28.4 quad amplifier 1 x Xilica XP-2040 processor 1 x Allen & Heath QU16 16 channel digital mixing console
Lighting System	1 x LSC Mantra Lite Lighting Desk w/ 12 Channel Wing 6 x 1Kw Aria Fresnel 6 x Pro Shop Quad Par18 4 x Chauvet Slim Par Pro 3 x 600W Acclaim Profile 6 x LDR Tempo 650 Fresnel
DMX 512 Distribution	1 x continuous DMX 512 loop - DMX Patch points are 5 pin connectors All outlets must be either in use or patched into the loop Loop should be broken at the lighting desk only. 1 x 4-way D-Split DMX splitter located at ops position
DMX Patch locations	A DMX patch point is located on each wall of the studio behind concealed panels.
Dimmers	3 x LSC GenVI 12ch x 13A Power Distribution Wall-Mounted Dimmers 36 switchable TruPower/dimmable channels
	* To avoid any potential damage to connected equipment, only authorized Northcote Town Hall technical staff are permitted to program and activate dimmers.
Lighting Positions	5 x 8.1m fixed bars at 4,800 mm high (3000mm between LX bars) 10 x 10amp circuits per bar.
3 Phase Power	4 x 5 pin 40amp outlets (1 on each wall with DMX patch points)
Projection	1 x NEC M300W Projector (VGA, S-Video, Coaxial video, HDMI) 1 x 180" Motorized front projection screen with remote control
House Lights	House lights are operable from positions on the North, West and South walls. House lights are not dimmable. Hirers needing dimmable house lights will need to rig and operate them through the lighting desk

STUDIO TWO TECHNICAL DETAILS

Audio System	2 x RCF 310-A Speakers (on stands) 1 x Allen & Heath QU16 16 channel digital mixing console
Lighting System	1 x LSC Mantra Lite Lighting Desk 8 x Chauvet DJ EVE P-160 RGBW wash w/ barn doors
DMX 512 Distribution	1 x continuous DMX 512 loop - DMX Patch points are 5 pin connectors All outlets must be either in use or patched into the loop 1 x 4-way D-Split DMX splitter located at ops position
DMX Patch locations	A DMX patch point is located on each wall of the studio
Dimmers	1 x LSC GenVI 12ch x 13A Power Distribution Wall-Mounted Dimmers 12 switchable TruPower/dimmable channels
	*To avoid any potential damage to connected equipment, only authorized Northcote Town Hall technical staff are permitted to program and activate dimmers.
Lighting Positions	5 x 7m fixed aluminum circuit tube lighting bars at 4100mm high (3100mm between LX bars) 6 x 10amp circuits per bar
3 Phase Power	4 x 5 pin 40amp outlets. 1 on each wall with DMX patch points
Projection	1 x NEC M300W Projector (VGA, S-Video, Coaxial video, HDMI) 1 x Motorized Projection Screens (2.1m x 2.1m)
House Lights	House lights are operable from two positions, one on the South wall and one on the East wall. House lights are not dimmable. Hirers needing dimmable house lights will need to rig and operate them through the lighting desk.

CIVIC SQUARE GENERAL INFORMATION AND TECHNICAL DETAILS

Length	25,000 mm
Width	30,000 mm
Floor	Sections of gravel, asphalt, mosaic tiles and a feature wooden deck down the centre
Floor loading (Deck)	2kN (200kg) point load 5kPa (500kg) per square m. Vehicles are not permitted to drive on the timber deck.
Loading doors	Double barn doors opens to access Main Hall Loading Dock
Access	This is an open space with public access via High Street and Car access through James Street and Westbourne Grove. Trucks and cars generally do not have access beyond the asphalt*. Vehicles must not drive onto the wooden decking.
	*Please discuss with Production Supervisor if you require a vehicle beyond this point.
Emergency exit	Emergency exit is via the James Street Bollards with the emergency assembly point located on the James Street Car Park
3 Phase Power	2 x 5 pin 32amp outlets located East of the Barn Doors 1 x 3 pin 32amp outlet located on the south most lighting poll
Additional Power	2 x 15amp power point located on the two north light polls 1 x 10amp power point located on the north most light poll

Audio

Meyer Active PA System

4 x UPA-1P Loudspeakers 2 x UPQ-1P Loudspeaker 2 x 600-HP Subwoofers

2 x Meyer USW-1P

Digital Consoles and stage boxes

1 x Midas M32R Digital Mixing Console 1 x Midas DL32 Digital Stage Box

1 x Allen & Heath QU16 Digital Mixing Console 2 x Allen & Heath AB168 Audio racks

Processors

2 x DBX Drive Rack 260

Active Speakers

6 x Quest QM450a Speakers 6 x K&M Speaker Stands

Microphones / DIs

8 x Sennheiser G3 100W Wireless Receivers 2 x Sennheiser G3 500W Wireless Receivers 10 x Sennheiser G3 100W Wireless Handheld Microphones 6 x Sennheiser G3 100W Wireless Belt pack Transmitters 2 x DPA 4066 Omni Headset Microphones 4 x Rode Lavaliere Lapel Microphones (with microdot connectors)

5 x Shure SM58 Microphones

2 X Sure Beta 87c

1 x Shure Beta SM58a Microphone

6 x Shure SM57 Microphones

- 2 x Shure Beta SM57 Microphones
- 2 x Sennheiser E914 Condenser Microphones
- 2 x Sennheiser E904 Dynamic Cardioid Microphone
- 1 x Shure Beta 52A Dynamic Microphone
- 1 x Sennheiser MEG 14-40 Lectern Microphone
- 2 x Klarke Teknik DN200 Stereo DIs
- 4 x Behringer Mono Ultra-DIs
- 2 x Wirlwind Connect EDB1 DIs
- 1 x Radial USB Pro Stereo DI

Additional Lighting

12 x Chauvet DJ FreedomFlex H4 IP Battery LED Pars

- 8 x Chauvet DJ FreedomFlex H1 Battery Wash Lights
- 6 x Infinity LED Fresnel
- 2 x ETC S4 LED Lustre 15-30 Zoom Lens Tubes
- 4 x ETC Source 4 Jnr Profiles
- 3 x Selecon 1K PC
- 8 x Par 64s (MFL & NSP globes)
- 4x LDR Tempo 650w PC
- 4 x 600w Multi-pars
- 4 x Selecon 1000w Aroura Floods

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	4 x Lightsky Extreme 330W moving head spot
	1 x Unique 2.1 Water Based Haze Machine 1 x Brightlight 30inch / 75cm Mirror ball w motor
Lighting Accessories	
	1 x Jands 4PAK DMX Lighting desk
	3 x Jands 12 Channel Portable dimmer rack
	4 x ETC Lustre Source 4 Fresnel Adaptors 12 x H stands
	1 x 20M 32amp 3phase lead
	1 x 5M 32amp 3 phase lead
	1 x 32amp Distribution power board (6 x 10amp outlets & 3x 15amp outlets) 2 x 20M Weiland lighting looms with 4-way tails
Staging	
	2 x mobile carpeted folding units 1.2m x 2.4m
	Dual height 41cm – 61cm Step rise and guard rails & black wool valance
Pianoforte	1 v Vamaha CZ Crand Diana, Cancanyatany Carias
	1 x Yamaha C7 Grand Piano. Conservatory Series Piano tuning to be supplied by Northcote Town Hall only
Projection	1 x Barco RLM-W6 / 3 DLP (6000 Lumens) w HDMI/Ethernet extension kit
	1 x Barco RLD W Lens (Short Throw)
	1 x Hanging bracket
	1 x Stumpl Monoblox 64 Screen 16:9 (5008 x 2940mm) with Legs and drape 2 x Epson LCD H478B Projector (Wi-Fi compatible)
	1 x Epson EB-G7400U NL 4K (5000 ANSI Lumens)
	1 x TV One C2-2355 Vision Scaler
	1 x Roland V-40HD Vision Switcher
Computer	Apple iPad
Powered Lectern	
	1 x Lectern with in-built amplifier an 4x 4" drivers
	1 x Shure Condenser gooseneck microphone
Drapes	
	4 x Woolen drapes 3.2m wide x 4m drop
	6 x Uprights 2.4m -4m & baseplates/spigots/shot bags 5 x telescopic crossbars 1.8m – 3m
Rigging	6 x 30cm 250kg Spanset flat slings
	10 x 2T 1m soft slings
	6 x 2T 2m soft slings
	6 x 2T 3m soft slings
	4 x 780kg 1m steel wire rope slings 4 x 780kg 2m steel wire rope slings
	4 x 780kg 3m steel wire rope slings
	10 x 1.5T shackles
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E: <u>nthacevents@darebin.vic.gov.au</u> Details subject to change without notice – Revised April 2023– confirm all requirements prior to hire period 20 x 2T shackles 7 x 3.2T shackles 4 x 4.75T shackles 12 x Swivel Couplers 4 x scaff pipe joiners 2 x 1T hand hoist chain blocks

GENERAL EQUIPMENT

Elevation			
	1 x 14ft Platform ladder		
	1 x 12ft Platform ladder		
	1 x 12ft A frame ladder		
	1 x 6ft A frame ladder		
	1 x JLG 1930ES Scissor Lift		
	1 x UPRIGHT MX19 Scissor Lift		
	(Operators must be inducted for use	e by NTH staff and display competency as per Worksafe	
	regulations) NOTE: Log book must b		
	Working Height	7.8m	
	Platform height (max)	5.8m	
	Platform capacity (max)	227kg	
	Platform size	2.54M L x .72m W	
	Stowed Dimensions	1.75m x 0.76m x 2.13m (L x W x H)	
Furniture Stock			
	16 x Trestle Tables	1830mm x 760mm (L x W)	
	25 x White Oval Banquet Tables	1830mm x 1520mm (L x W)	
	6 x Brown Round Banquet Tables	1500mm (Diameter)	
	4 x White square Card Tables	760mm x 760mm (L x W)	
	350 x Blue Stackable padded chairs		
Seating Banks			
-	Mobile Elevated Seating Bank 1 use	d in Main Hall	
	Dimensions: 8m x 5m		
	Capacity:		
	With OPS Desk 81 = one row of seats on floor / 123 = four rows of seats on floor		
	Without OPS Desk 87 = one row of seats on floor / 129 = four rows of seats on floor		
	Mobile Elevated Seating Bank 2 used in Studio One		
	Dimensions: 6m x 4m		
	Capacity:		
		ts on floor / 87 = five rows of seats on floor	
		seats on floor / 92 = five rows of seats on floor	
		,	

DRESSING ROOM

There is one dressing room which services both Studio spaces.It is located on the West side of the building, in close proximity to both spaces.The room contains a wash basin and small bar fridge.A door in the North wall leads directly into Studio 2.A door in the East wall leads to a corridor and a door opposite opens into Studio 1.

Room Dimensions: 4600 mm x 4300 mm

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Makeup benches:	430 mm deep
Makeup Stations:	6

Toilets are the public toilets adjacent to the dressing room. Shower is located within accessible toilet

LAUNDRY

Laundry facilities are located next to the dressing room in an enclosed alcove outside the Men's toilet.

Laundry Equipment

1 x Miele Novotronic Domestic front loading Washing machine 1 x Miele Novotronic Domestic Clothes Dryer 1 x Laundry tub

Northcote Town Hall does not provide Laundry Detergent Northcote Town Hall does not provide an iron or ironing board.

Both seating banks can be used in bleacher mode

AIR CONDITIONING & HEATING

Studio 1 & 2 are heated and cooled via a reverse cycle climate control system. This system is programmed according to venue use and the thermostat cannot be manually adjusted.

The Main Hall is heated via a hydronic heating system located around the perimeter walls.

FOYER / BAR / KITCHEN DETAILS

Foyer			
	Dimensions:		
	Length	9300 mm	
	Width	6200 mm	
	Height	2600 mm	
Furniture			
	The foyer is furnished with ottoman style couches, coffee tables and round high-top bar tables. Foyer furniture may NOT be used on stage as props or set dressing.		
Bar			
	Northcote Town Hall is a Licensed Premises. The bar is operated by qualified bar staff at the Performing Arts Venues Coordinator and/or Team Leaders discretion. Bar Length 4700 mm		
	0	ains 2 x sinks and a built in cash drawer.	
		uble door refrigerator which is not available for hirer's use. This	
		is strictly for Northcote Town Hall Licensed premises bar stock.	
Kitchen			
	Eswood Com	mercial dishwasher	
	Stainless Ste	el benches with double sink	
	Stainless Ste	el shelving and drawers	
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Hand basin and automatic hand dryer Northcote Town Hall does not provide kitchen / cooking utensils 1 x Portable 2-Door Bromic Chiller Fridge – 895 Ltr 1115W x 770D x 2000H