

Monash University Performing Arts Centres

David Li Sound Gallery

Technical Specifications



Updated April 2021

STAGE:

The David Li Sound Gallery is an intimate flat-floor performance space specifically designed for acoustic and amplified music. The venue has various flexible configurations, with a range of seating options that can be combined with lighting and sound infrastructure to deliver a diverse range of drama and contemporary performance styles, as well as functions and catered events.

Stage Surface Dark Timber laminated floor panelling over concrete.
Note: There is no fixing using screws or nails to the stage surface.

Stage Dimensions 16m x 9.7m wall to wall

Setting Line Dependent on seating format.

Centre Line Dependent on seating format.

Auditorium

Seating capacity in Horseshoe Configuration 130

Seating capacity in End Stage Configuration 130

4 seats lost if control position is required in the room

Venue Rigging

48 OD Pipe outer surround of venue fixed 7.6m grid.

300mm Box Truss dead hung above stage for Venue use only

Truss Height: 7m to bottom chord

(See plan on page 3)

Drapery

Upon request at additional charge.

Access Equipment

Geni GR20 6M (working height 7.5m)

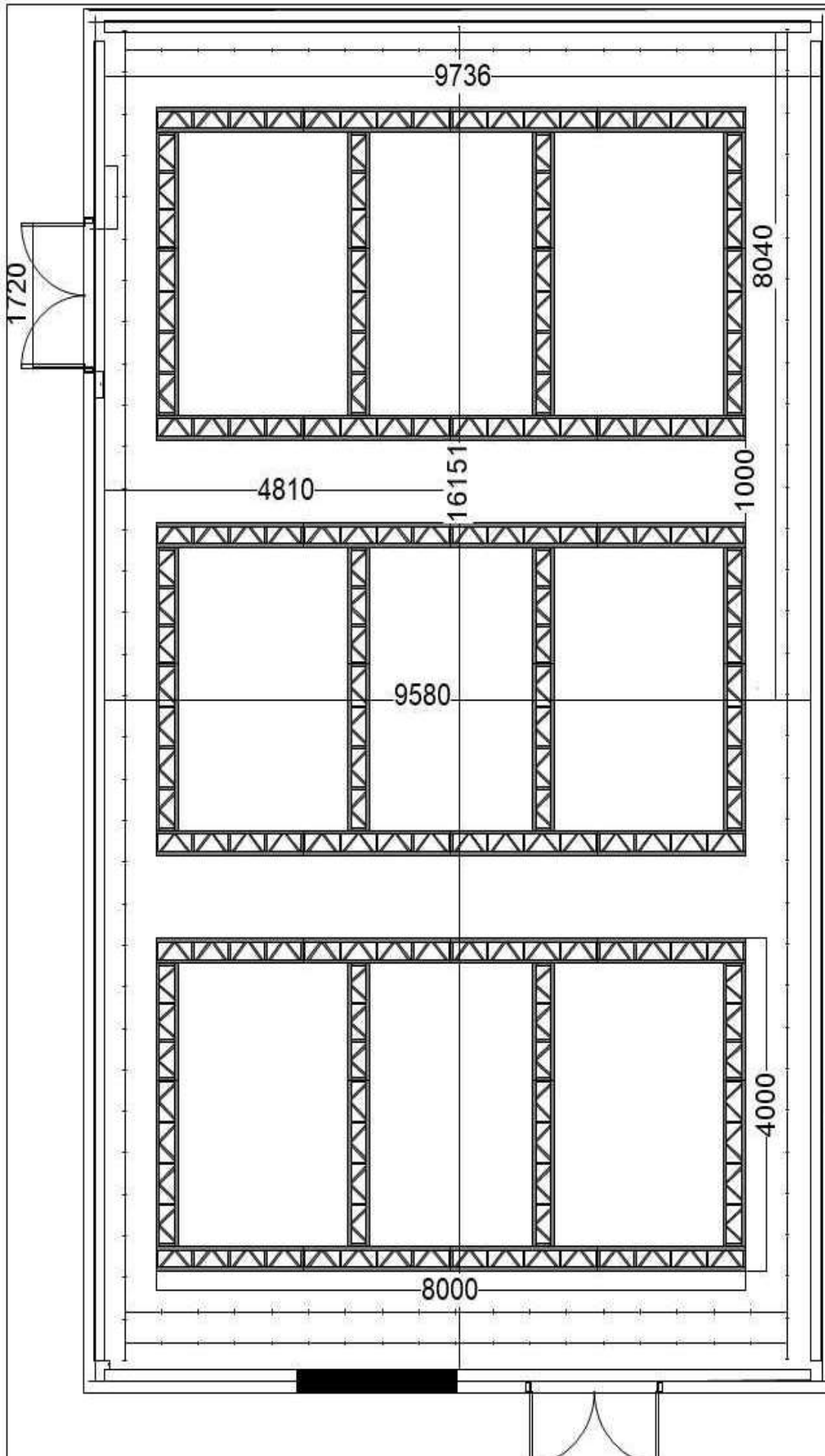
Staging Units

Item	Length	Width	Height	Total
Large Riser	2m	1m	300, 450, 600	8
Small Riser	1m	1m	300, 450, 600	1

Staging Accessories

Item	Total
Lectern	No
Conductor Podium	No
Music Stands	10
Musician Chairs	10

SOUND GALLERY FLOOR PLAN:



DIMENSIONS:

Gallery Length:

- 16.15m

Gallery Width:

- 9.73m

Room Centre:

- 8.04m x 4.81m

Truss Grids:

- 8.0m x 4.0m

Distance Between

Trusses:

- 1.0m

Door Width:

- 1.72m

NOTE:

All dimensions as drawn on plan are in millimetres (mm)

LIGHTING:

The standard lighting rig in the Sound Gallery supports performances in both Horseshoe and End-Stage configurations, incorporating silent multi-colour LED fixtures to optimise the excellent acoustics of the venue.

Lighting console ETC Ion XE 12k
Signal output 2 x DMX Outputs
Signal distribution sACN Pathport in control room to DMX tie lines in Gallery

Stage Bars 300mm Box Truss built as 3 x Rectangles above the stage area.
Fixed Grid (See diagram on previous page)

Total Dimmers 3 x 12 GenVI LSC

Lighting Patching In room - 132
Various locations

Stage Lighting Fixtures

Make	Model	Angle	Details/Accessories	Wattage	Total
ETC	Source Four Jr	25/50°		575	8
ETC	Lustr 2	26°	36° lens available	~171	4
ETC	D40	42°	Medium lens	~240	18
Apollo	Right Arm	19°	DMX Iris	750	2

House Lights

Make	Model	Angle	Details/Accessories	Wattage	Total
Chroma-Q	Inspire RGBW	42°	DMX Controllable, fixed position	100	24

House Light Control Lighting Console, Stage Manager's Desk, and Control Room.
Adjustment of fade times, intensity, and colour are only capable through the Lighting Console

Power 3 Phase Outlets
2 x 40 AMP located at either end of Venue.

Cabling

The Sound Gallery has a limited stock of 240v extension cables.

The Sound Gallery has a limited stock 5-pin DMX cables to accommodate the venue's standard lighting rig.

Any additional equipment will require additional cable stock to be sourced.
Please discuss with Technical Management prior to arrival.

Lighting Plan & Patch available upon request.

AUDIO:

The David Li Sound Gallery, with an emphasis on intimacy and excellent acoustics, is equipped with the Meyer Sound Constellation active acoustic audio system. The venue is ideal for a wide range of music offerings from chamber music through to experimental theatrical art performances.

Control Position: Dedicated auditorium mix position adjacent to control room window. *(This mix position may affect seated capacity and configuration. Please consult with technical management for further details.)*
Alternate mix position available in control room.

Control

DiGiCo SD11i (Stealth Core 2- Software Version 12.2.1280).
Faders 12 x 100mm touch-sensitive, motorised
Screens 1 x 15" (38cm) LCD high – resolution touch screen
Input Channels 48
Busses 24 + LR or LCR master
Matrix 8 x 8 matrix (additional to busses above)
Internal FX 6
Local I/O 16 x mic/line in, 8 Line out, 2x AES/EBU I/O (mono)
MADI interface 2 x 75 ohm BNC connectivity

Stage Rack DiGiCo D-Rack (fixed position Bio Box rack)
32 analogue in / 8 analogue out

Speakers

4 x MEYER UPM-1P (stands and hanging brackets)
2 x MEYER UMS-1P

Meyer Sound CONSTELLATION System

A unique feature of the David Li Sound Gallery is the Meyer Sound Constellation active acoustic enhancement system. Active Acoustic Enhancement (AAE) refers to a process where sound, captured using multiple microphones, is processed electronically and broadcasted back into the room via loudspeakers. Instantaneous changes altering various acoustic properties (i.e. reverberation time, reverberation length etc.) can be made to the system to suit a wide variety of musical performances.

The David Li Sound Gallery's acoustical properties can be altered to compliment the requirements of the performance. There are 16 microphone inputs and 67 loudspeaker outputs as part of the Constellation system in the Sound Gallery. These speakers are set out around the room and are positioned specifically to allow for a natural and even AAE experience. Please note that all positions and angles on these speakers have been specifically calibrated in set positions and these positions may not be altered or adjusted for any reason.

We are also able to route sound signals to specific loudspeakers around these zones where required. This function allows the system to expand its capability beyond just AAE, serving the needs for surround effect inputs or stage monitoring reinforcement.

For more information including system schematics, please contact Technical Management.

Microphones & Accessories

A limited stock of microphones, direct input boxes and microphone stands are available for use in the venue. Please contact the technical department for availability and further information.

Cable

The David Li Sound Gallery has limited stock of XLR microphone cables in various lengths. There is also a limited stock of various audio adapters and connectors. All external equipment that may require specific adapters or connectors (i.e. instrument leads) are to be supplied by the hirer.

Notes

Additional audio equipment required (e.g. Radio microphones etc.) may be available by prior arrangement with Technical Management at an additional charge.

Additional Facilities:

Grand Piano

Steinway C 2018

Additional charges apply, initial tune included. Additional tune(s) available upon request at additional cost

Warm Up Space

Upon arrangement with management, prior to event

AUDIO VISUAL

Projectors:

Type	Detail / Accessories	Total
EPSON EB-G7500UNL	6.5K Lumens Located in Control Room	1

Ops Position Control Room with designated projection cavity

Screens Fast fold Projection Screen 4.5m x 3m (dead hung upstage)
Available upon request. Additional charges apply.

Show Relay Camera

In-House Stage monitor camera splits to:

Stage Managers
Bio Box
Auditorium Sound Lock
Dressing Rooms
Green Room

Input Devices

Client to provide all input devices. All devices must be HDMI compatible.
Client must supply any adaptors or connectors required for input devices.

Cabling

David Li Sound Gallery has a limited supply of HDMI and SDI cable.
If specific lengths or high quantities of HDMI or SDI cabling are needed, this should be discussed with Technical Management before arrival in venue.

BACKSTAGE

Stage Managers Desk

Stage Manager's desk is located in the artist entrance with Show Relay Monitor, BOH paging, Comms anHouse
Light control

Talkback

Master Unit Riedel RSP-2318
Total headsets 2
Total Comms packs (wired) 2 x Riedel C3
Talkback patching located at various locations.

Paging / Show relay

Paging to the dressing rooms is available from the stage manager's desk.
Show relay is distributed to all dressing rooms and green room.

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details:
1	4	1	1	
2	1	1	1	
3	1	No	No	Available adjacent to room

Laundry / Wardrobe

Washing Machines	No.
Dryers	No.
Drying rooms	No.
Iron / ironing board	No.
Clothes racks	Yes.

Production Facilities

Tea / Coffee facilities	Yes.
Fridge / freezer	Yes.
Microwave	Yes.
Running water	Yes.

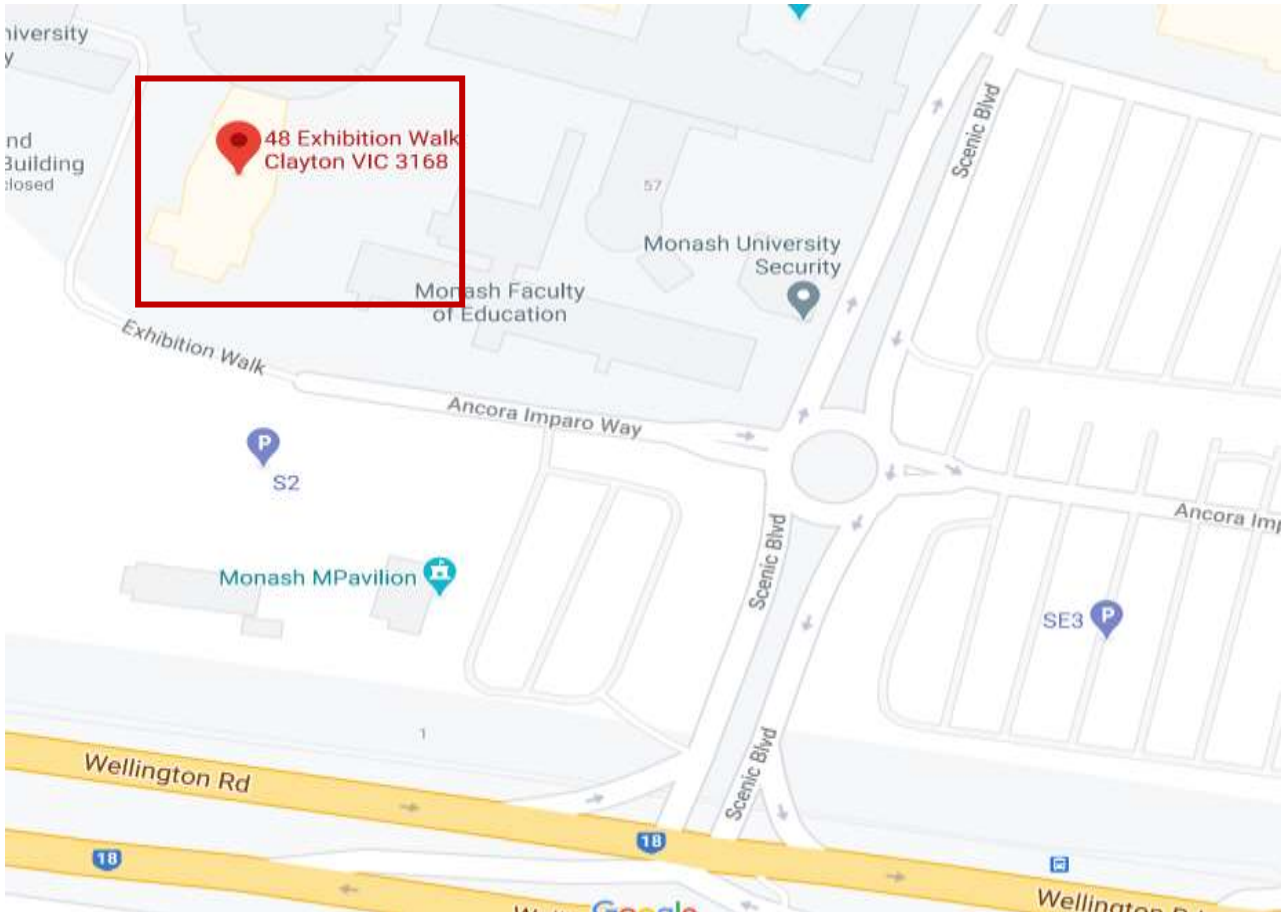
Stage Door Access Stage Door is located adjacent to the main foyer of the IPCPA building.
Access during bump-in/out is controlled by production company staff and not venue staff.

Loading Dock At ground level via pedestrian driveway past Alexander Theatre.
Sound Gallery does not have a dock lift to level trucks, vans or Utes.
Double door access ONLY at 1.8m wide.

VENUE INFORMATION:

Venue Address:

Ian Potter Centre of Performing Arts
Monash University Clayton Campus,
48 Exhibition Walk, Clayton 3800 VIC.



Technical Manager:

Matthew King.

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Website:

<https://www.monash.edu/performing-arts-centres/>