

TECHNICAL SPECIFICATION

COSTA HALL

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VENUE OVERVIEW

In a remarkable feat of Architecture and Engineering, Deakin University has converted Geelong's old wool stores into a modern inner city campus site, which also contains a state of the art 1,500 seat concert auditorium. This grand space now provides Geelong with a venue able to hold large-scale concerts, conference meetings and lectures. Only a ten minute stroll from GPAC, The Deakin University Waterfront, Costa Hall is a perfect venue for concert style entertainment producers and conference organisers.

RIGGING INFRASTRUCTURE

GENERAL

Following a recent review of Load Bearing capacity of the Costa Hall Trussing system, it is recognised that there are significant limitations on the loads (both live & distributed) that may be imposed on the truss. The information provided below regarding Rigging Points & the Overhead Truss System must be strictly adhered to. Management reserves the right to refuse any unsafe work practises regarding the load/s stipulated below.

RIGGING POINTS (AUDIO)

4 points across the Stage with a WLL of 600Kg each
1.5m between each point with a span of 15m between Stage Left and Stage Right points

OVERHEAD TRUSS SYSTEM (LIGHTING & STAGING)

LX1 UDL of 25Kg/m
LX2-4 Truss point loading of 120Kg WLL at 4 points across the truss **OR** UDL of 75Kg/m

FIRE SAFETY

Neither Pyrotechnics nor the use of Naked Flame are permitted in this venue. Additionally, all scenery and staging elements must be adequately flame proofed.

ELECTRICAL SAFETY

All electrical equipment must display a current Test Tag.

AUDITORIUM SEATING

Capacity	1503
With orchestra lift as a thrust stage or orchestra pit	1333
Stalls	868
With orchestra lift as a thrust stage or orchestra pit	698
Balcony	328
Choir Stalls	81
Side Balconies	113

PRODUCTION DESK POSITIONS

House seating can be removed to facilitate production equipment and operation. Any removal of seating must be confirmed prior to tickets going on sale.

Removable seating is only available in the following positions:
Rear stalls (Rows U16-27 & Row T16-27)

ACCESS FOR SCENERY

A ramp leading up to the dock door is off Cunningham Street on the eastern side of the building.

Ramp max. vehicle height 4.4m

Scenery Dock Doors: 0.35m above Ramp level

Scenery Dock Doors:

height - 2.65m
width - 3.6m

Scenery Dock to Stage:

height - 2.65m
width - 2.2m

PARKING

Parking is not available to hirers at the Costa Hall. (On street & private parking is available around the venue)

DIMENSIONS

PROSCENIUM

Nil

STAGE DEPTH

Front edge of stage to upstage sliding panels 11.7m (standard position)

Front edge of forestage to sliding panels 15.2m (a loss of 3 rows of seating)

Crossover sliding doors to rear wall 3.8m (ceiling height 2.4m in this area)

STAGE WIDTH

Width at front edge of stage 22m

width at downstage acoustic panels 19m

Width at centre stage acoustic panels 18m

Width at upstage acoustic panels 17m

Width at rear sliding panels 16m

Acoustic panels pivot on a central axis

STAGE SURFACE

Rake - Nil

Material – Tongue Oiled Timber (matt finish)

Wings - ply-cover over flush with stage surface painted flat black

All flush

Stage floor SWL 765kg/m²

STAGE HEIGHT

Variable, grid suspended off four chain motors.. Maximum out dead 8m

STAGE TRAP

Nil

ORCHESTRA PIT

Electrically operated acme thread screws may be used in a number of ways.

(1) As a forestage

As additional 3 part rows of seating. (standard position)

Rows: A 9 to 34./ B 10 to 34./ C 9 to 34.

As an orchestra pit. (area in total 13.8m x 7.3m)

As a platform at any position between forestage and pit position

Width: 13.9m x 3.5m. Understage area: 13.8m wide x 3.8m.deep x 2.25m height

STAGE MACHINERY

FLY BARS

Nil

ORCHESTRA REFLECTION PANELS

Timber acoustic panels suspended above stage 9 in total

Timber acoustic panels suspended in stalls 1op and 1prompt

Rotating timber acoustic panels OP and Prompt 3 per side

Panels above stage winch adjustable to various heights and angle

ACCESS EQUIPMENT

JLG 20DVL – self propelled elevating work platform

STAGE DRAPES

LEGS, BORDERS, TABS

The venue has no masking in its standard configuration.

Drapes may be hired at additional cost.

CYCLORAMA

The venue has no Cyclorama in its standard configuration.

A CYC may be hired at additional cost.

SCRIMS

Nil

HOUSE TABS & HOUSE TAB BORDER

Nil

STAGE MANAGEMENT CONTROL FACILITIES

The Stage Manager's Control system may be operated from DSPS or DSOP.

The console features:

Paging and programme relay to all backstage areas

Audience recall chime switch

Talkback communication to all production areas

(1 x Clear-Com MS-232 2-channel Main Station)

LED real time/stop clock

Dimmable desk lamps

CCTV monitoring of stage is available at both the DSP and DSOP Control positions. It is also available at the following locations:

Green Room

Stage Door

Foyer (Adjacent to Doors 1, 2 & 3)

SOUND FACILITIES

CABLING INFRASTRUCTURE

32 channel multicore, rear stalls to orchestra pit to audio rack stage prompt

XLR connectors are used throughout

BNC runs are also available

AUDIO POWER

1 x 30 amp 5 pin circuit is available for audio.

A second 30 amp supply is available upon request (additional charges apply)

LOUDSPEAKER SYSTEM

The in house system is primarily for speech reinforcement. It is also capable of basic replay (ie. CD Playback, etc) It is not suitable for amplification for large scale events.

A larger system is available on request and subject to additional cost.

LIGHTING FACILITIES

MAIN LIGHTING CONTROL DESK

Strand 300 Genius Pro Console (OS v2.8.6) C/w 250 Channels, Tracker software, one monitor, keyboard and mouse

DMX RETICULATION

Two (2) runs of DMX are available to 12 areas further detailed on the lighting plan

Run C – Control

Run D – Dimmers

DIMMERS

Digital dimmers:

8 x Jands GP 12 packs @ 2.4kw

5 x Jands HP 6 packs @ 6 kw

2 x LSC Isolated Data Splitters DMX 512

Total digital dimmers: 126

TOTAL AVAILABLE DIMMERS: 126

LIGHTING POSITIONS

5 x positions front of house (accessible via catwalk)

Stage truss on 4 x chain motors, max height 7.5m (refer to Rigging Infrastructure for Load Specs)

Truss measures 11.4m x 14m (refer to drawing specs)

LUMINAIRE ALLOCATION

18 x 750w Profiles ETC Source 4 Ellipsoid 10°

6 x 2kw Profiles Selecon Arena Zoomspots

12 x 2kw Fresnels + Barndoor

40 x 1kw par 64 MFL

2 x 1.2kw Performer Selecon HMI Followspots

LIGHTING POWER

Catwalk- 12 x 40 amp 5 pin

Followspot 2 x 40 amp 5 pin

Stage 2 x 40 amp 5 pin

Stage 1 x 160 amp

Foyer 1 x 40 amp 5 pin

Numerous 15 and 20 amp circuits throughout building

Refer standard lighting layout for additional information

PROJECTION FACILITIES

The Venue has no fixed projection arrangements, however the Technical Department can tailor a package to suit your needs from its wide range of projection options.

OUTSIDE BROADCAST FACILITIES

Sealed ports for cable runs onstage to OB van at dock

DRESSING ROOMS & FACILITIES

DRESSING ROOM – NUMBERS AND FACILITIES

ROOM NO.	BASINS	W.C's	SHOWERS	MAKE-UP MIRRORS
Female	2 + Disabled	3 + Disabled	1	3
Male	2 + Disabled	3 + Disabled	1	2
1	1	1	1	1
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1

The venue has no onsite washing/drying facilities.

Also available:

1 x Ironing Boards

1 x Steam Iron

ADDITIONAL EQUIPMENT

GPAC can supply a wide range of additional equipment that is not fitted as standard (subject to additional charges). Please contact the Technical Department for further information.