

Hewitson Theatre at STARplex
TECHNICAL SPECIFICATIONS

STARplex at Trinity College

Hewitson Theatre

Booking and Hire Arrangement and Client Rules and Regulations

VENUE MANAGEMENT

Enquiries/Bookings:

Bookings Team

bookings@starplex.com.au

CENTRE MANAGEMENT

Reception:

STARplex Reception

enquire@starplex.com.au

(08) 8522 0622

Website

starplex.com.au/theatre

PRODUCTION INFORMATION

ACCESS TO THE VENUE Backstage

Access to the Venue is via double (fire exit) doors from the side carpark. This carpark allows access through 4 side doors into the auditorium, and offers truck load-in.

From these side doors, there is a 20m push onto the stage, up a 10m large ramp.

Load in (direct to stage level) is available via the backstage dock exit doors.

Early load in is encouraged during hot weather.

ACCESS TO THE VENUE House

Public (House) access can be through either 2 Front of House doors (located inside the STARplex Centre) or via the 4 side carpark doors. We recommend a combination (using all 6 doors) is used for large shows.

ROOM MODES

Theatre Mode	- CAPACITY 1,219 seats
Half Theatre Mode	- CAPACITY 893 seats + Bar/Merchandise
Cabaret Mode	- CAPACITY 550 seats (at 55 round tables)
Cocktail Mode	- CAPACITY 1,000 + Bar + Food Service
Hall Mode	- CAPACITY 4,000 (extended into Stadium)

Please note: The above capacities can be reduced to cater for varied ticket sales / settings by the use of Full Wool upright curtaining

FOYER AREAS

STARplex has a main common or foyer space, which is used as a waiting/foyer area. The main foyer/common includes:

Café	- For pre and post show food and beverages (non-alcoholic)
The Mezzanine	- Overlooking the STARplex Common and the Café, seats 30 at tables, 45 in theatre, 55 cocktail
Theatre 'Foyer'	- Corridor area adjacent the main Theatre Entry doors

The option to have a foyer area created inside the Hewitson Theatre (utilising tier 4) is possible. This uses a push-up pole/drape system. If you are interested in this, please enquire separately for additional charges and photos of this setup.

CARPARKING

Carparking is located on the North (Greening Drive) and South (Trinity Drive) sides of the Theatre.

The Northern carpark is the main parking and is used for most Theatre Events. The Southern carpark is in use for the whole complex and is generally used as Theatre 'overflow' parking.

CATERING

Catering for your event, big or small, can be organised through the Hewitson Theatre Coordinator. Please ensure adequate notice is given for large events (i.e. parties, weddings, etc.). We encourage use of Vintage Chef Co (VCC), the internal caterer/café operator at STARplex.

AUDITORIUM INFORMATION

AUDITORIUM SEATING

The Theatre includes a variety of multi-purpose room “modes”. To accommodate these varying modes, we have the following seating available:

- 250x Padded Black and Red Chairs
- 950x non-padded Grey Chairs

In theatre mode, the padded chairs are used in the front-most sections of the auditorium, with the grey chairs filling the remaining sections.

AUDITORIUM TABLES

To accommodate the various room “modes”, the Theatre has the following:

- 36x 1.8m Round Cabaret Tables
- 20x 1.8m x 0.9m Trestle Tables

AUDITORIUM LIGHTING

The auditorium is filled with 2 types of lighting. And is accompanied by safety lighting. The Hewitson Theatre Auditorium is capable of a full pitch Blackout by arrangement with the Theatre Coordinator.

- Dimmable Halogen / LED Auditorium House Lighting
- Fluorescent / LED Batten Auditorium Work Lighting
- Dimmable LED-Illuminated Step Tread Lighting
- LED Wall Path Lighting

AUDITORIUM DRAPERY

The auditorium features black curtaining across the rear curtain, full height curtaining on the side walls of tiers 3 & 4 and half wall curtaining for tiers 1 & 2. The tier 3, 4 & rear wall curtains are on tracks and can be moved as required.

DANCEFLOOR

The Dancefloor is fitted at the stage-end of the Auditorium, measuring 11.7m in width and 7.25m in depth

AUDITORIUM DIMENSIONS

Apron to Rear Auditorium Wall: 31m

Rear of Auditorium – Southern (left) wall to Northern (right) wall: 32m

Front of Auditorium – Southern (left) wall to Northern (right) wall: 24m

AUDITORIUM TIERS

The tiered style of the auditorium allows the Hewitson Theatre to cater to a multitude of events and offer various layouts.

The Theatre has 4 tiers, each 180mm higher than the one before it.

The tiered design allows for cabaret tables or theatre style seating.

AUDITORIUM BAR

Using the Half Theatre, Cabaret, or Cocktail “Modes”, the Hewitson Theatre Auditorium can easily accommodate a bar area.

The bar is operated by trained and experienced Hewitson Theatre Staff that have appropriate RSA and Responsible Persons qualifications.

STAGING & DRESSING ROOM

STAGE DIMENSIONS Mainstage and Apron

The Hewitson Theatre Stage boasts a wide main stage and large wing space.

Main Stage Width: 16.98m

Main Stage Depth: 7.79m

Apron Depth: 2.26m (380mm lower than the main stage)

STAGE DIMENSIONS Wings

Prompt Side Wing (ramp access from auditorium):

Wing Width (Stage to Side Wall): 8m

Wing Depth: 7.79m

Opposite Prompt Side Wing (stair access to green/dressing room):

Wing Width (Stage to Side Wall): 4m at narrowest point

Wing Depth: 7.79m

CYCLORAMA WALL

The rear wall, used as a cyclorama for lighting purposes is: 17.08m wide x 5.80m high

STAGE DRAPERY

- Black 100% Full Wool Fire-Resistant Front-of-House Curtain
- Black 100% Full Wool Fire-Resistant Rear Cyclorama Curtain
- 4x Black Poly/Cotton 3m x 6m Stage Legs

ADDITIONAL STAGING

The Hewitson Theatre has 18 ProStage Rostra pieces for multipurpose use throughout the stage and auditorium.

The pieces have black skirts to suit and are each 2.44m x 1.22m and give a rise of .38m

Common Use-cases

- Build-out the main stage onto the apron (giving a deeper mainstage)
- Added height for stage bands
- Added height for videography (in the auditorium)

STAGE EQUIPMENT

- 2x Free-Standing Wooden Lecterns
- 1x Yamaha Electric Amplified Baby Grand Piano
- 1x Kawai Electric Amplified Digital Piano

GREENROOM / DRESSING ROOMS

The Hewitson Theatre has a large, downstairs Greenroom space which offers large bench/mirror spaces. It also features smaller changing booths with personal mirror for privacy. This room features a small sink with drinkable water, a "stage feed" of picture and sound and attached amenities. An additional greenroom space (approx. 4.5m x 7m) can be opened up to create more changing space if required, with this additional space also offering stage picture and a mobile changing/dividing screen.

PROP STORE

A side room located on Auditorium level is often used as a Prop Store or secondary Greenroom Space.

TECHNICAL DETAILS

POWER Supply

The Hewitson Theatre is equipped with a variety of supply power, which can be used for Stage Lighting, additional audio, large supply, etc.

- 5x 40A 3-Ø (3-phase) sockets (in P-side Store)
(4x Used for Lighting Dimmers)
- 2x 40A 3-Ø (3-phase) sockets (in OP-side Wing)
- 1x 15A socket (in P-side Store)

POWER Distribution

- 4x LSC i-PAK Dimmers (12 x 2.4k channels)
- 1x Jands FP12-WM Dimmer (12 x 2.4k channels)
- 1x Jands FPX Dimmer (12 x 2.4k channels)

- 1x LSC Delta Distribution Box (12 x 2.4k channels)

POWER Patch Points

- 48x Permanent Patch Points (on 4x LX Bars)
2x Front of House Bars
2x Stage LX Bars

- 30x Temporary Patch Points (on stage)
1x Upstage Lighting Truss
Used for specials

COMMUNICATION Talkback

The Hewitson Theatre is fitted with a Creative Audio ConcertCom Talkback System, with the following specifications:

- 2x Wall Packs (1x Greenroom, 1x Front of House)
- 5x Belt Packs (3x Bio box, 1x P Wing, 1x OP Wing)
With the ability to be altered and run anywhere in the auditorium

VIDEO / DATA Audio Visual

STARplex Hewitson Theatre uses the HDMI standard for all audio-visual requirements.

The Theatre's visual and projection systems are made up of the following:

- 2x Projector Screens – 1 each side of the stage, 3.5m across
- 2x EPSON EMP8300 – 5000 lumens, 1920x1080 pixels video projectors
- 2x Samsung LCD Monitors (for backstage vision)
- 1x HDMI Input Switcher (with 9x inputs, 2x outputs)
- 1x Laser HD008 DVD Player
- 1x AWA HD Set top Box
- 1x Lenovo ThinkCentre Desktop PC with Dual Monitors (Windows 10)

4 x SDI video feeds from Prompt Side of stage rack to Control/Operations point. Standard rig utilises 1x of these lines for BOH stage feed & 1x for side stage video inputs.

2 x CAT6a lines from the Control/Operations point to the P side tech room

2x CAT6a lines from the P side rack on stage to the P side tech room.

These lines can be patched together to create 2x direct runs from the Control/Operations point to P side of stage.

STAGE LIGHTING

CONTROL

The Hewitson Theatre offers a wide range of different conventional and intelligent lighting systems.

The system is controlled by a main lighting desk.

- 1x Chamsys MagicQ MQ70 Lighting Control Console plus external Touchscreen Control Display
- 1x Event Lighting SPLIT228RDM DMX Splitter (2x 5-pin inputs, 8x optically isolated 5-pin outputs)
For DMX runs to:
Dimmers; Front of House LED; Stage LED; Wireless DMX.”
3x Output remain unused as standard to scale for touring / large venue build events

INTELLIGENT LIGHTING

- 2x Event Lighting M1S190W 190W LED Moving Head Spot
- 6x ShowPro LED EProfiles FC RGBAL (with 15-30° lens)
- 6x LEDPro101 LED Profiles RGBW (with 15-30° lens)
- 20x Event Lighting 12x12 LED Quad Pars
- 6x Event Lighting 5x8 LED Pars

CONVENTIONAL Profile Lights

- 4x 750w Dortron 15-30° Profile Spots
- 8x 575/750w Dortron 15-30° Profile Spots
- 4x 1k Prolite PR10PC Profile Spots
- 4x 650w Strand Prelude 22°-40° Profile Spots
- 8x 500w Strand P-23 Profile Spots
- 1x 500w Strand P-23N Profile Spot
- 2x 650w Prolite PR7MT 15°/25° Profile Spots
- 2x 650w Prolite PR7MWT 22°/44° Profile Spots
- 1x 650w Selecon Acclaim 22°-44° Profile Spot

CONVENTIONAL Wash Lights

- 10x 1k/1.2k Prolite PR10F Fresnels (with Barn doors)
- 12x 575w Dortron Multipars (with Barn doors)
- 4x 1.2k FAL Fresnels (with Barn doors)
- 4x 650w Acme Fresnels (with Barn doors)
- 4x MFL Par64 Cans (120v)
- 4x Acme Par56 Cans (240v)

CONVENTIONAL Misc.

- 4x 1k Prolite Cyclorama Units (RGBA)
- 2x 500w Aust Flood Lights
- 2x Geni Mojo Colour Changers
- 1x 24" Mirror Ball + Motor

STANDARD RIG

- Cyclorama: 4 colour wash (RGBA)
- Stage: LED Colour Wash (RGBA-W-UV)
Full Conventional Upstage Wash
Full Conventional Midstage Wash
- Front of House: LED Downstage Colour Wash (RGBA-W-UV)
Full Conventional Downstage Wash
6 LED Profile Spots on Apron (RGB-W)

Specials are available on request with advanced notice
Mirror ball available on request with advanced notice

THE LIGHTING RIG IS TO BE RETURNED TO STANDARD AT THE COMPLETION OF AN EVENT, AT THE HIRER'S COST

AUDIO SYSTEM

Our audio systems at the Hewitson Theatre are fully modern, and digital systems.

CONTROL

- 1x Allen & Heath Avantis Digital Audio Console – 64 channels
- 2x EAW UX8800 Digital Processors
- 1x ART 418 8-channel Line Mixer

PATCHING

- 1x Allen & Heath GX48 Stage Rack (48-in by 16-out patch)
- 1x Allen & Heath DX168 Stage Box (16-in by 8-out) for additional inputs/outputs on stage
- 1x Audinate Dante Card 64x64

POWER & AMPS

- 1x Powersoft DIGAM LQ2804 Digital Amp
- 2x Powersoft DIGAM LD3004 Digital Amp
- 1x Powersoft DIGAM LD1404 Digital Amp
- 1x Powersoft DIGAM Q4004 Digital Amp
- 1x QSC GX3 Amp

SPEAKERS Front of House

- 2x Meyer ULTRA-X40 Active (FOH Main) Loudspeakers
- 3x Quest Audio HPI25 Compact (Lip Fill) Loudspeakers
- 3x Quest Audio HPI111 Compact (Half-room Delay) Loudspeakers
- 2x DAS Sub218 1000w Sub-bass Speakers

SPEAKERS Foldback

- 2x EAW VR21 Speakers (Stage Side fill)
- 6x EAW VRM12 12" Passive Foldback Wedges
- 4x DAS PF012 15" Passive Foldback Wedges

CABLING

- 1x 1m Neutrik Speakon Cable
- 1x 3m Neutrik Speakon Cable
- 1x 5m Neutrik Speakon Cable
- 2x 9m Neutrik Speakon Cable
- 3x 10m Neutrik Speakon Cable
- 2x 12m Neutrik Speakon Cable
- 2x 15m Neutrik Speakon Cable

Assorted 3-pin XLR Cabling

DIRECT INPUT BOXES

- 5x Behringer DI100 Boxes
- 4x Behringer DI120 Twin Boxes

NB: Guitar/Instrument Patch cables must be supplied by the hirer.

AUDIO SYSTEM CONT.

MICROPHONES Wireless

STARplex offers a variety of different microphones, both wireless and wired

- 8x Audix R42 OM5 UHF Handheld Mics
- 7x Audio-Technica System 10 2.4GHz Handheld Mics

MICROPHONES Lectern / Podium Mics

- 1x Audio-Technica U857QL Lectern Mic
- 1x Audix ADX218 Lectern Mic

MICROPHONES Dynamic Mics

- 2x Audix OM3 Dynamic Vocal Mics
- 1x Audix OM5 Dynamic Vocal Mic
- 1x Audix D6 Dynamic Kick-drum Mic
- 2x Audix i5 Dynamic Mics
- 2x Audix D2 Dynamic Instrument Mics
- 1x Audix D4 Dynamic Instrument Mic
- 3x Shure SM58 Dynamic Vocal Mics
- 2x Shure SM57 Dynamic Vocal Mics
- 2x Shure Prologue Dynamic Vocal Mics
- 2x Behringer XM-1800 Dynamic Vocal Mics
- 1x JTS NX-2 Dynamic Bass Instrument Mic
- 1x JTS PDM-57 Dynamic Instrument Mic

MICROPHONES Condenser Mics

- 8x ISK CM-20C Condenser Mics
- 8x Audix F15 Condenser Mics
- 3x Shure 16A Condenser Mics
- 4x JTS CX-505 Percussion Condenser Mics
- 2x Rode M3 Condenser Mics

MICROPHONES Overhead Mics

- 3x Audix ADX40 Overhead Condenser Mics

THE AUDIO PATCH IS TO BE RETURNED TO STANDARD AT THE COMPLETION OF AN
EVENT, AT THE HIRER'S COST