

Hewitson Theatre at STARplex

TECHNICAL SPECIFICATIONS



STARplex at Trinity College

Hewitson Theatre and Function Centre

Venue Specifications and standard technical operations

Venue Management:

Theatre and Bookings Coordinator:

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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 1,232 seats
Half Theatre Mode	- CAPACITY 906 seats + Bar/Merchandise
Cabaret Mode	- CAPACITY 500 seats (at 50 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, which is used as a waiting/foyer area. The main common includes the following:

Café	- For pre and post show food and beverages (non-alcoholic)
Conference Room	- Overlooking the STARplex Common and the Café, seats 50 at tables, 80 in theatre, 80 cocktail
Theatre Foyer	- Corridor leading to the main Front of House Theatre doors
Common	- Seating and waiting space for pre and post show

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

There is no in-house catering or catering space in the Theatre. External catering can be arranged through the Theatre Coordinator.

We encourage patrons to make use of the Café in the STARplex common.

ADVERTISING

Advertising spots are available and run on Screens throughout the STARplex complex. Enquires can be made through the Theatre Coordinator.

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:

- 30x 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

- Black 100% Full Woollen Rear Curtain
- Blue Poly/Cotton Mid-Room Curtain

DANCEFLOOR

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

AUDITORIUM TIERS

The tiered style of the auditorium allows the Hewitson Theatre to cater to a multitude of events, and offer various different layouts. The Theatre has 4 tiers, each 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 run 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 Depth: 7.79m

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

Wing Depth: 7.79m

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

The Hewitson Theatre has a large, downstairs Greenroom space which offers large bench/mirror space. The Greenroom has 1 large offshoot dressing rooms that allows for a separation of change spaces. The Greenroom also has male and female amenities.

DRESSING ROOMS

There additional dressing room, adjacent the Greenroom.
Approx. 4.5m x 7m

PROP STORE

An additional 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 Acer Veriton PC with Dual Monitors (running Windows 8.1)

STAGE LIGHTING CONTROL

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

The system is controlled by 1 main lighting desk.

- 1x LSC Maxim XXL 60/120 Lighting Control Desk including PatPad and Control Display
- 1x N-Tech DMX Splitter (5-pin in, 4x 5-pin out)
For our 4 DMX runs:
 - 1x Run for P-Side Dimmers
 - 1x Run for OP-Side Dimmer
 - 1x Run for Front of House LX Bars
 - 1x Run for Stage LX Bars

INTELLIGENT LIGHTING

- 6x ShowPro LED EProfiles FC REBAL (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° Profiles
- 8x 575/750w Dortron 15-30° Profiles
- 4x 1000w Prolite PR10PC Profile Spots
- 4x 652w 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 1200w Prolite PR10F Fresnels (with Barn doors)
- 12x 575w Dortron Multipars (with Barn doors)
- 4x 1000w FAL Fresnels (with Barn doors)
- 4x 650w Acne Fresnels (with Barn doors)
- 4x 120volt MFL Par64 Cans
- 4x 240volt Acme Par56 Cans

CONVENTIONAL Misc.

- 4x 1000w Prolite Cyclorama Units (RGBA)
- 2x 500w Aust Flood Lights
- 2x Geni Mojo Colour Changers
- 1x 24" Mirror Ball + Motor

STANDARD RIG

- Cyclorama:
Stage: 4 colour wash (RGBA)
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

CONTROL

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

- 1x Allen&Heath iLive-176 Digital Audio Console
- 2x EAW UX8800 Digital Processors
- 1x ART 418 8-channel Line Mixer

PATCHING

- 1x Allen&Heath iDR-64 Mix Engine (64-in by 32-out patch)
- 1x 15m 12-channel Multicore Stage Box
- 1x 50m 28-channel in, 4-channel out Multicore Stage Box

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 Ebony LD200 Hearing Loop Driver

SPEAKERS Front of House

- 2x EAW AX396 Front of House Speakers
- 2x EAW AX296 Delay Speakers
- 2x DAS Sub218 1000w Sub-bass Speakers

SPEAKERS Foldback

- 2x EAW VR21 Speakers (Stage Sidefill)
- 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
- 1x 10m Neutrik Speakon Cable
- 2x 12m Neutrik Speakon Cable

Assorted 3-pin XLR Cabling

Assorted 6.35mm Instrument Patch Leads

DIRECT INPUT BOXES

- 1x Countryman Type 85 DI Box
- 3x Behringer DI100 Boxes
- 4x Behringer DI120 Twin Boxes
- 1x Leem DI Box

AUDIO SYSTEM CONT.

MICROPHONES Wireless

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

- 7x Audio-Technica System 10 2.4GHz Handheld Mics
- 4x Audio-Technica System 10 2.4GHz Headset 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-1800s Dynamic Vocal Mics
- 1x JTS NX-2 Dynamic Bass Instrument Mic
- 1x JTS PDM-57 Dynamic Instrument Mic

MICROPHONES 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

- 6x 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