



## Notre Dame des Missions Performing Arts Centre

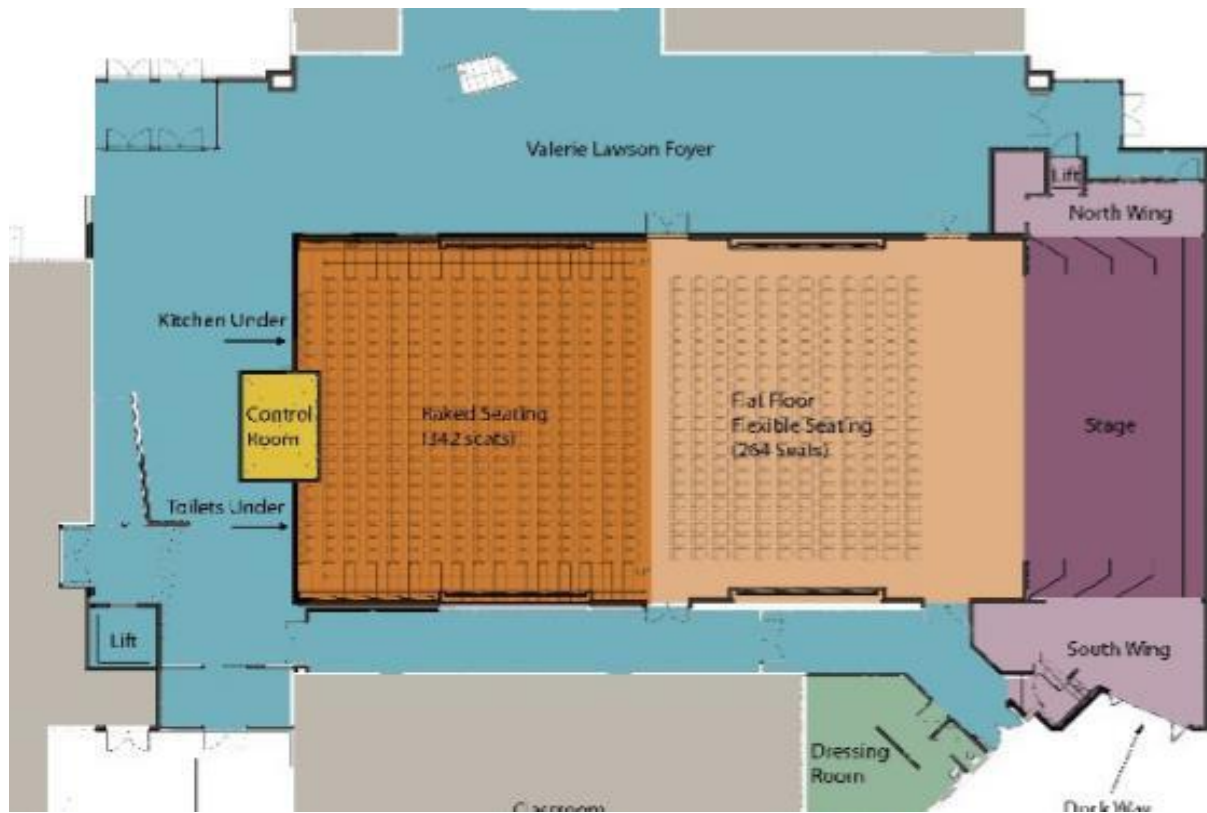
Set in the grounds of Sacred Heart College in the centre of Lower Hutt, the Notre Dame des Missions Performing Arts Centre is a fully functional performance space available for in school use and also for hire to the Lower Hutt community. Designed by OPUS Architects and completed in February 2013, the venue comprises an auditorium seating 540 people, full back-of-house and service facilities, including a caterer's kitchen, access to green rooms and beautifully appointed foyer spaces.

It also offers a technical infrastructure in line with most commercial performance venues including theatrical lighting, audio visual and wireless internet capabilities.

### **1. Site**

The Notre Dame des Missions Performing Arts Centre is located in the centre of the Sacred Heart College Campus.

## 1.1 Floor plan:



## 1.2 Foyer spaces:

The PAC consists of split foyer spaces on the Northern and Eastern side of the auditorium, which serve as a pre-function gathering area and are large enough to provide amenity for the provision of food/drink, or even trade show displays and have full egress between the PAC and other areas (e.g. green room and back of house facilities).

The foyer spaces are temperature controlled open plan pre-event meeting spaces and can be set up fully seated, as breakout rooms or even as a café style reception area.

**The Lawson Foyer** space provides a ticket booth, a fully featured caterer's kitchen and servery.

## 1.3 Auditorium

The PAC auditorium is a multifunctional space suitable for a range of uses and is effectively a very modern, fully equipped theatre based on the classic design you would expect to find in any Opera House, but on a slightly smaller scale. This makes it very versatile for a number of uses from lecture theatre to conference presentations and full theatre and musical concert performances.

The choice of all elements installed here can only be described as the very latest equipment available and only top quality brands known to this industry have been chosen for the fit out with absolutely no expense spared in its design.

Its general layout consists of a proscenium arch end-on stage with large wing areas to enable performers to egress both sides of stage

A fly-floor with a winch system that consisting of six separate lighting and rigging bars. These hold both pre-set theatrical woollen drape legs along with various Selecon Stage Luminaires including 8x PC 2kw floods with Barndoors, 4x Profile 2k spots, and even 10 high quality, full colour LED par-cans all flown, and all connected via way lines back to the house dimmers.

A Unistrut tab track sits one metre from the back wall still allowing performers to cross from one side to the other completely out of view behind the heavyweight woollen drape line reveal that can open and close by hand with ease from the prompt side backstage.

A fully equipped technical control room sits high up at the rear of the auditorium seating. This room houses all the main controls for the theatre, from house lighting, to the sound and stage lighting control desk. The main CAT6 Ethernet Network Patch Bay and routers for sending control data to all the various data panels and also located here making it easy to send all the control data and show content around the venue, to the Projectors, Lighting Dimmers and directly connects with the stage itself and other handy points around the venue.

**The Auditorium is licensed to hold up to a maximum of 540 people.**

**The Auditorium Seating** comprises two separate levels

**One** is a raked seating bank of 342 seats (22 seats per row)

**The second** is a very flexible seating layout on the flat floor area in front of the stage effectively covering the front half of the auditorium.

The flexible seating is a connecting bar system allowing a range of seating layouts and lives in the standard parallel configuration just like the other half of the room or perhaps you want to consider a performance '**in the round**' or even a **catwalk room setting** that allows the seats to rotate to a **side on configuration**.

This seating can also be completely removed revealing a huge area for general admission **concert style standing** area, or whatever your need for this space requires.

The proscenium has a Matai Wood Fascia, recycled from the old SHC hall flooring timber.

This complements the acoustically engineered auditorium that also includes in its design, large baffle panels to aid in tuning the auditorium and full hearing aid loop is also in place to provide top tier acoustic capacity.



#### 1.4 Technical Control Room

The Technical Control Room sits high up at the rear of the auditorium.

Access to the control room is via the stairs adjacent to the raked seating.

The technical control room provides the main control for all theatrical systems including House Lighting Control, Theatrical Lighting, Audio systems and the A/V & Data Projector System.

The layout is spacious and is based around a wall-to-wall solid work bench on which the **Theatrelight 48 channel Scenemaster Lighting control desk** and the latest **Behringer X32 sound console** sits with ample working space either side for other operators or computer stations that are generally used to serve show content etc.

The view of the stage from this control room is unobstructed and the sliding glass windows can close to provide a more soundproof operator environment. **This is a well-appointed comfortable working environment, a spacious modern control room that matches the rest of the facility.**

## 2. Technical Infrastructure

### 2.1 Lighting Control

The current lighting infrastructure consists of a 'house lighting bank' and 'theatrical lighting'.

**House Lighting** supplied with the auditorium hire

The auditorium has both fluorescent strip lights and dimmable halogen downlights controlled via two detailed lighting touchscreen modules. One is on the prompt side stage wing (Stage Managers Position) and the other is in the technical control room right next to the lighting operator.

LED strip lighting is also installed under the handrails on either side of the raked seating block in the rear half of the auditorium. These provide more than adequate, but subtle illumination of the stairs even when the theatre is in a general black out lighting state (show-mode).

**Theatrical lighting onstage** supplied at a charge of \$100

The stage lighting bars, waylines and dimmers provide for a maximum of 48 lamps which enables a basic stage wash in white and specials where required. The backstage dimmer room includes a professional patch bay that plugs from the dimmers directly to the fly bars.

**4x 1535 1000-watt Pacific profiles**

**8x 1200w PC with barn doors as stage wash**

**Front Lighting Truss** included in this \$100 charge

There is a 400mm professional aluminium box truss spanning the full width of the stage area flown via 2x 1-Ton chain motors situated 15 meters out in front of the proscenium arch. This provides ample front lighting fixtures for the stage and has plenty of room with additional waylines and sufficient weight loading to allow many more lights or projectors when required.

**4x 1535 1000-watt Pacific profiles**

**2x 1200w PC with barn doors as stage wash**

The current theatrical lighting infrastructure includes a Theatrelight 48 Channel Scenemaster control desk, 2 x 12 way Digital Dimmer Packs, plus the light fittings mentioned above. The result and the standard lighting package on offer will give you

- 1 Full stage wash in open white
- 2 Profile spots to allow a lectern or MC position to be well lit from the front left and right with key light from behind

**Everything referred to above is included in the standard stage lighting on offer for \$100.**

However, when you have the need for more than just this basic two lighting environments, full colour frames can be fitted on all the house lights and can be changed to a single colour if you choose to use lighting Gels. These are available for purchase from our in house provider AV Services Ltd (AVS) or you may choose to provide this yourself.

If you need for more than just one colour, AVS we can offer this by using our full colour LED cans and the ability to control these for an additional charge.

**LED Par cans 10 separate units supplied for just \$200 per event**

10x modern full colour LED Par Cans (Red ,Green, Blue & White) flown onsite which can be fully controlled by the house lighting desk to provide either individual colour choices for each unit or all can be set to produce the same colour at once.

**AVS technicians are more than happy to point, focus and colour the lighting for you.**

AVS technicians will also programme the lighting desk and operate the lighting during rehearsals and the show should your event require this level of detail.

AVS Lighting Technicians are available to help in any way for just \$65 per/hour.

Any requirements to move the stage lighting from the basic pre-set positions can only be delivered by the venue lighting technician.

***Please Note: Lowering of the stage fly bar winches or chain motors connected to the front truss, can only be executed by a qualified Lighting Technician with the correct rigging accreditation.***

## **2.2 Audio and AV**

**The in house JBL line array, sound system, is available for use at a charge of \$100 per event**

For this charge, we provide one cabled Microphone on a stand, along with the speakers, amps and mixing desk that provide full coverage of the auditorium with ease.

This in house Public Address System is fully capable of far more than just the spoken word, as it is an absolutely state-of-the-art voice and accompanying music reproduction system, delivering true high fidelity, top of the line audio with volume and clarity that will surprise most users. However, this does have its limitations.

**For example:** it is not capable for use as a full concert band system.



### 2.3 Sound System Details

The very latest **Behringer X 32 Digital mixing console** is located in the Technical Control Room and controls the entire system allowing for all the reverb, delay compression and limiting to each of the 36 input channels.

The inputs link to the desk via CAT6 Ethernet cables from the OP side of the stage where a single Clarke Technic digital snake and patch bay is located (16 inputs and 8 returns). More multicore input cable systems are available on request.

The amplifiers are located at the same OP side of the stage directly under the multicore patch bay and have all the speaker processing, compression and limiting built into the amps themselves.

The amps feed to a **pair of JBL CBT701 Line Array loudspeakers and CBT701E** additional speaker cabinets all mounted on the stage proscenium.

A single wired Microphone on a stand and an iPod style (mini-jack) cable is provided with the base package but there are many additional add on devices available and we have listed just a few common items below:

### 2.4 Additional sound equipment available for hire in-house

Hand Held Wireless Radio Microphones	\$65.00
Lapel Wireless Radio Microphones	\$65.00
Shure Gooseneck Lectern or conference table microphones	\$30.00
Microphone stands (Full Size Short Boom or table style)	\$15.00
Shure Wired SM58 / SM57 Microphones	\$30.00
Foldback Speakers JBL Eon G3 15" & Horns with all cables provided	\$250.00
JBL Powered 18" Sub-Woofer	\$80.00
Standard Black Basic Lectern	\$50.00
D.I Box (direct input interface) for use when linking guitars or PC audio	\$25.00
Laptop PC, full spec late model PC loaded with current Microsoft Office Suite	\$120.00

AV Services Ltd have every conceivable sound device you may require for your event.

## 2.5 AV Projection & Display devices

The PAC has a pair of very bright (5000 ANSI Lumen) roof mounted Mitsubishi 7100 Digital Projectors along with fully motorised 10x6.5 ft screens on either side of the proscenium.

**The charge for the two professional flow projectors and screens is \$200 per event**

The input signal to these is via the CAT6 TX/RX way lines located in the Technical Control Room or we can link your PC at the side of stage.

*There is some technical assistance required in order to achieve this.*

You may choose to have separate images sent to these displays from two computers simultaneously, or we can make the one PC appear on both screens.

We can also supply a camera feed of the presenter onto one or both screens if you want the presenter or the stage performers to appear live, in real time (imag).

"I-Mag" or "Image Magnification" requires both a camera and operator to achieve this and will allow you to professionally record the event at the same time if you require this service. We would feed the audio directly off the sound desk giving a result similar to any Broadcast quality level recording.

*If the thought of all this technology is starting to scare you, then just consider using our in house provider, A V Services.*

## 3. To Make a Booking

To make a booking, to arrange a site visit or if you have any enquiries regarding the Notre Dame des Missions Performing Arts Centre at Sacred Heart College, please contact:

Notre Dame des Missions Performing Arts Centre Administrator, at the following email address:-

[pacadmin@sacredheartcollege.school.nz](mailto:pacadmin@sacredheartcollege.school.nz)

*Effective date of document: 12 September 2019*