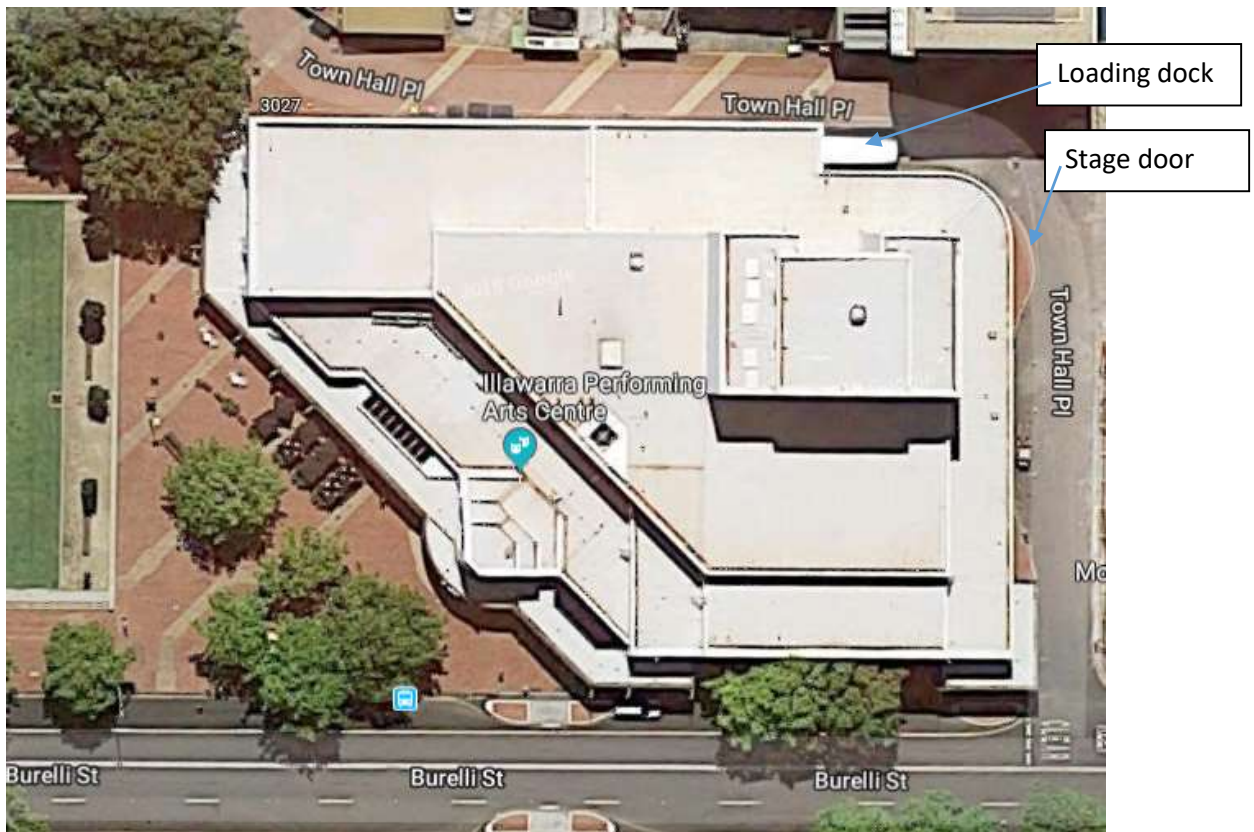


ILLAWARRA PERFORMING ARTS CENTRE IMB THEATRE

VENUE INFORMATION

IPAC is located in central Wollongong and hosts two performance spaces and one studio/rehearsal space.



Pip Rigter, Production and Technical Manager
prigter@merrigong.com.au

Elly Turner, Head of Audio
eturner@merrigong.com.au

Taryn Brown, Head of Lighting
tbrown@merrigong.com.au

AUDITORIUM

The IMB Theatre has 515 seats. Rows “A” – “C” are level seating (i.e. not raked), Row “A” being closest to the stage. Row “G” is on entrance level and is the only row that does not require access via the stairs.

If the Orchestra Pit or Forestage Thrust is to be used, then total capacity is 30 SEATS LESS. (“A” & “B” Rows are positioned on the Pit at Auditorium level when Pit/Thrust is not in use)

If Sound desk is to be located in Auditorium, then the total capacity is 11 SEATS LESS. (This is typically “R16” – “20” & “S16” – “21”)

STAGE SPECIFICATIONS

Brief Stage Description

Unraked Proscenium Theatre, optionally the orchestra pit can be raised to the stage level to accommodate a forestage thrust.

Electro Mechanical Lift. Control point located prompt side stage wall.

Lift floor contains 3 traps for lighting, audio & power outlets.

Stage Dimensions

Proscenium

Width	11.80 meters
Height	7.00 meters

Stage

Width	20.10 meters	(OP Wall to counterweight Frame)
Depth	11.75 meters	(Setting line to back wall)
	10.60 meters	(Setting line to last set of lines)
	0.80 meters	(Setting line to edge of forestage)

Orchestra

Width	10.75 meters
Height	3.00 meters
Load Rating	7.50 tonne

operating height

Stage level to Auditorium	0.850 meters
Stage level to Pit Level	3.00 meters
And at any intermediate level	

Orchestra pit (Trapezoid in Shape)

The Pit area can accommodate up to 30 musicians in comfort. The width at the front is 10.75 meters.

The width of rear is 14.50 meters. The depth at the deepest point is 5.50 meters

Stage Floor Surface

Hardboard nailed to Tallow Wood, full width, no level change, no rake. Load rating 7.5 kpa

Forestage Access (Juliet's)

Doors either side of proscenium arch. 1 meter wide x 2.1 meters high.

STAGE ACCESS

Scenery

Loading Dock is situated at the back of the venue (Northern Side). Access is available via Town Hall Place, off Burelli Street.

Direct from scenery/loading dock, via acoustic sliding doors Width 2.80 meters Height 6.90 meters Diagonal 7.50 meters

Personnel

Stage Door is situated on the eastern side of the building off Town Hall Lane.

Restrictions / Obstructions

Access to the loading dock is difficult due to sharp 90° turn required from Town Hall Lane. Please call before arrival and for further information.

FLY TOWER DETAILS

Dimensions

From stage level to underside of:

Level 1	7.75 meters	(3 sides of stage - OP, Rear Wall, PS)
Level 2	10.80 meters	(3 sides of stage - OP, Rear Wall, PS)
Level 3	14.75 meters	(PS only)
Grid Height	17.65 meters	
Width	16.75 meters	between fly galleries (Bridge to Bridge)

Standard Batten

Length	15.40 meters
Construction	Ø48 mm O.D pipe

STAGE MACHINERY

Fire Curtain

Semi rigid sheet steel with electric winch.

House Curtain

Red Velvet, Single purchase counterweight set operated from PS corner. Line situated 250 mm US from setting line.

False Proscenium

Teaser, 15.40 m wide by 3.50 m drop, black Tormentors, 2.00 m wide by 8.40m drop, black.

COUNTERWEIGHT-SYSTEM

- ☒ 50 single purchase 5 line counterweight sets, operated from stage level PS.
- ☒ 400 kg cradle capacity with 4 extension cradles for an additional 200 kg. Total Rated Mechanical Capacity for any one line is 600kg.
- ☒ 16.80 m batten travel (from grid to floor)
- ☒ Line No 1, 500 mm upstage of setting line
- ☒ All lines at 150 mm centers, except those adjacent to structural steelwork
- ☒ Panorama battens parallel to fly galleries

CHAIN MOTORS, WINCHES AND CONTROL

- ☒ 4 x LiftChamp 500kg Chain hoist with with BCHC8 controllers, 20 meters chain, speed at 4 meters per min. These hoists have double brakes and limits for safe rigging within a public space, according to the VLP Standards.

CURTAIN TRACK

- ☒ 1 manually operated curtain track 16.00 meters in length, french action.

STAGE DRAPERY

Type	Material	Colour	Width	Height	Quantity
Leg	Wool	Black	5.00 meters	8.00 meters	5 (pairs)
Leg	Wool	Black	6.50 meters	8.00 meters	1 (pair)
Border	Wool	Black	15.4 meters	3.80 meters	6
Tab	Velour	Black	8.3 meters	8.40 meters	1 (pair)
Curtain	Wool	Black	9.0 meters	8.40 meters	1 (pair)
Gauze	Cotton	Black			1
Cyclorama		White			2

ACCESS EQUIPMENT

Elevated Work Platform

JLG 30AM Lifter Working Platform height 9.09m

EWP Restrictions

Outriggers must be in and wound down to ascend and must remain in at all times, while in operation. One Merrigong staff member must be in the area at all times the EWP is in use. EWP only to be used by trained personal.

STAGE LANTERNS

PROFILES				
MAKE	MODEL	DETAILS	WATTAGE	TOTAL
ETC	Source 4	Angle: 19°	750w	10
ETC	Source 4	Angle: 26°	750w	10
ETC	Source 4 Zoom	Angle: 15°-30°	750w	20
ETC	Source 4 Zoom	Angle: 25°-50°	750w	10
ETC	Source 4 JR Zoom	Angle: 25°-50°	575w	26
Selecon	Pacific	Angle: 12°-28°	1000w	20
ETC	Source 4 Lustr Series 2	Angle: 26°		10
ETC	Source 4 Lustr Series 2	Angle: 36°		10
ETC	Source 4 Lustr Series 2	Angle: 19°		6
FRESNEL'S				
Selecon	Rama	All have barndoors	1200w	49
Selecon	Arena	All have barndoors	2000w	12
PAR CANS				
	Par 64	Angle MFL, NSP, VNSP	1000w	40
CYC				
Altman	Spectra CYC	200 RGBA	200W	10
FOLOWSPOTS				
Robert Juliat	Topaze1200		1200w	2
MOVERS				
MH7	Hybrid			10
ADDITIONAL STOCK				
James Thomas	4-Way Molefay	Par 36		10
	Parnel	MFL/NSP/VNSP	600w	2
Look Solutions	Unique 2	Hazer		2
Jem	ZR12	Smoke Machine		1
Martin Atomic	Strobe		3000w	3

LIGHTING

Lighting Control

- 1 x ETC Gio (1000 control channels)
- 1 x 40 submaster fader wing
- 1 x Riggers iPad running OSCrfr

Dimmers

216 x 2.4kW LSC Teko Channels

24 x 5kW IDS Channels

- 3 extra roving 2.4kW LSC Teko 12 way dimmers available

Patch

349 circuits are distributed throughout the theatre & are fully patchable via a main patch panel in the dimmer room, situated on level 3 between our 2 venues. Approx 10 – 15 from OP fly gallery level 1.

DMX & Power Distribution

1 x LSC 10-way (6 x 5pin 4x3pin)

1 x Jands DD8 (8 X 5pin)

1 x Pathport Octo 8 x 5pin (up to 8 universes over Ethernet via sACN)

2 x Roving power distribution racks

4 DMX Patches run between OP Fly floor and Bio Box

2 DMX Patches run between OP Fly floor and Dimmer Room

3 DMX Patches to floor OP & P DS (back of Pros wall) and one US OP (On upstage wall)

LIGHTING PATCH OUTLETS

Lighting Patch outlets are situated in the following positions:

FOH Lighting Bridge 1

Patch outlets	4 x 20 amp, 26 x 10 amp
Throw from centre of bridge to setting line	8.00 metres
Bridge length	16.00 metres
Angle at setting line	68 degrees

FOH Lighting Bridge 2

Patch Outlets	4 x 20 amp, 26 x 10 amp
Throw from centre of bridge to setting line	9.40 metres
Bridge length	17.50 metres
Angle at setting line	44 degrees

FOH Lighting Bridge 3

Patch outlets	4 x 20 amp, 26 x 10 amp
Throw from centre of bridge to setting line	12.50 metres
Bridge length	15.60 metres
Angle at setting line	36 degrees

BOX BOOMS / PERCHES

Proscenium Booms PS & OP

Patch outlets (per side) 2 x 20 amp, 13 x 10 amp.

Throw to setting line at centre of stage is 6.00 metres. Angle at setting line up to varying degrees, speaker hangs may affect sightlines/shots from this position.

If necessary please discuss with Merrigong's Technical Manager.

Box Booms PS & OP

Patch outlets (per side) 2 x 20 amp, 8 x 10 amp

Will comfortably house 3 Profiles (Harmony/Cantata/Pacific)

Throw to setting line at centre of stage 12.00 metres. Angle at setting line up to 60 - 68 degrees

Forestage (Juliets)

Patch outlets per side 2 x 20 amp, 3 x 10 amp

FLY GALLERY PATCHING

PS Fly Gallery

No 1 2 x 20 amp, 18 x 10 amp

No 2 2 x 20 amp, 18 x 10 amp

No 3 10 x 20 amp

Op Fly Gallery

No 1 2 x 20 amp, 18 x 10 amp

No 2 2 x 20 amp, 18 x 10 amp

No 3 2 x 20 amp, 18 x 10 amp

No 4 2 x 20 amp, 18 x 10 amp

Grid

DS PS 2 x 20 amp
3 x 10 amp

FLOOR WELL

PS Floor Traps

No 1 (DS), 1 x 20 amp, 4 x 10 amp

No 2, 5 x 10 amp

No 3, 5 x 10 amp

No 4, (US) 5 x 10 amp

Op Floor Traps

No 1 (DS) 5 x 10 amp



No 2, 5 x 10 amp

No 3, 5 x 10 amp

No 4 (US) 1 x 20 amp, 4 x 10 amp

Front Of Stage (DS)

OP Side (In Trap at Front of Stage) 3 x 10 amp

PS Side (In Trap at Front of Stage) 3 x 10 amp

Substage Panel 2 x 20 amp, 2 x 10 amp

Orchestra Pit

PS Floor Trap 1 x 20 amp, 1 x 10 amp OP Floor Trap 1 x 20 amp, 1 x 10 amp

PS Floor Trap 1 x 20 amp, 1 x 10 amp OP Floor Trap 1 x 20 amp, 1 x 10 amp

Control Room

2 x 20 amp, 2x 10 amp

Rear of House PS

1 x 20 amp, 2 x 10 amp

Rear of House OP

1 x 20 amp, 2 x 10 amp

AUDIOVISUAL FACILITIES

Projectors

1 x Christie DWU555-GS

Lens available

1 x 0935-1.22 Zoom G

1 x 2.9-5.5 Zoom G

Projection Screen

Rear project: 16:9 (16ft x 9ft)

Front project: 16:9 (16ft x 9ft)

Front project: 4:3 (16ft x 12ft)

AUDIO FACILITIES

Audio operating position – Located in the Tech Box or Auditorium

It is assumed all Audio operation is from the tech box, please confirm in advance if the Auditorium position is required, as the seats need to be taken off sale.

Speakers FOH

Left and Right hang of Meyer Line Array System – designed for full coverage of the room.

6 x Leopard line array elements per side

1 x Lina line array elements per side (as front row in fills)

1 x per side (as front row in fills)

2 x LIF-900 Active subwoofer element per side (currently sitting in grid)

Meyer Galaxy 816 Digital Processor

Mixer

1 x Midas PRO2 Digital Audio Console, with 1 x DL251 I/O rack with 48 inputs and 16 outputs. 2 x 100m. cat 5 reels to I/O to console from stage

Microphone Outlets

Stage (In-floor wells P & OP wings) 20 total

Orchestra pit (In-floor wells P & OP of Pit) 16 total

Bridges/fly galleries 4 total

Auditorium (Floor well centre of Auditorium) 2 total

Outboard Equipment

All "Outboard" is now inboard and included on console.

ADDITIONAL AUDIO

Supply is subject to availability, additional cost to hirers

Spot / Fold back Speakers	
Qty	Description
8	EV xw12A with 4 x Q99 Amps
4	FBT Jolly's
2	JBL PRX715
2	JBL PRX735
2	JBL EON610
Microphones	
6	Shure SM 58 Vocal Microphone
3	Shure SM 57 Instrument Microphone
3	Shure Beta58a Vocal Microphones
2	Shure Beta57a Instrument Microphone
4	Sennheiser MEB114B Boundary Mic
2	Audio Technica MB1K/C Switched Mic
1	Audio Technica 857 Gooseneck Lectern Mic
1	DPA 4099p Piano Mics - Stereo Pair
2	Beyer Dynamic Tgi 53c
5	Beyer Dynamic Tgi 57c
1	Beyer Dynamic M88 Kick Drum Mic
4	Sennheiser e614
2	Sennheiser e906 Guitar Mic
6	Audio Technica 8033a Pencil Condensers
4	Audio Technica Pro45 Drop Mics
1	Shure Beta 87 Vocal Mic
Direct Injection Box	
4	Klark Teknik DN100
1	Klark Teknik DN200
2	Radial USB DI
1	Radial ProD2
Radio Microphones	
2	Shure QLXD handheld System with SM-58 head
1	Shure ULX-P4 Bodypack transmitter with DPA 4066 to suit above receiver
7	Sennheiser G3 Radio Mic Systems with Handheld and Bodypack System (Rack mounted with paddle aerial distributor) and JAG imx6a headsets

STAGE MANAGEMENT EQUIPMENT

BOH paging

Back of house paging system to all dressing rooms, green room, technical offices and loading dock. Priority over-ride of dressing room volume control and show relay for stage management page. Paging microphone located Prompt Corner.

CCTV

Colour CCTV Feed to Prompt Corner (camera located in front of Bio Box off overhead gantry) – 34cm Colour TV mounted above SMD

Communications

6 x Clearcom Belt Pack Units with Clearcom Headsets

5 x Clearcom Freespeak Wireless Comms Bletpacks available on request.

Aerial system is distributed for even coverage of backstage areas.

Comms Patch outlets located:

Stage dip traps (OP & PS)

PS side on fly rail

Prompt Corner/SMD

Bio Box

FOH Bridge 3 – Follow spot position

Auditorium (Row G – PS)

Auditorium (Centre Auditorium – Production Desk Position)

Fly Galleries 1,2 & 3 (OP & P)

Dimmer Room

Technical Office

Green Room

DRESSING ROOMS

- ☑ All dressing rooms have wash basin, toilet & shower facilities ☑ No 1, 2, 3, & 4 adjacent to stage, IMB Theatre, 4 artists each
 - ☑ No 5 first floor, IMB Theatre, 27 artists
 - ☑ No 6 first floor, IMB Theatre, 28 artists
 - ☑ A further 2 dressing rooms (6 artists each) may be available by request
- Separate male and female change rooms are also provided for technical staff

STOCK ROSTRA

- ☑ Fully adjustable units, 1.0 meters by 2.0 meters, with height adjustable in 300mm increments to 900mm* (*At additional cost to hirer)

ORCHESTRA EQUIPMENT

- ☑ 1 x Conductor's score stand, adjustable
- ☑ 16 x Orchestra music stands, adjustable
- ☑ 30 x Black Padded Orchestra chairs

GENERAL INFORMATION

Greenroom

A green room is available. It is located upstairs and available to all hirers in the building. The green room is a shared space between hirers of the Bruce Gordon Theatre and the IMB Theatre + any other visitors. It also houses staff offices. Please note – there is to be no changing in the greenroom or bathrooms. There is a kitchen with hot water and fridge available.

Laundry facilities

Basic laundry facilities are available with prior arrangement. 1 x washing machine & 1 x dryer are available. An iron, ironing board & clothes steamer are also available.

Smoking

The Arts Precinct (including IPAC, the Art Gallery and Wollongong Town Hall) is a smoke free zone. By law, smoking can only take place in designated smoking areas.

Technical Staff

Merrigong Theatre Company requires a min of 2 x technical staff members to be present when the Hirer is in the venue. Additional staff may be requested by the Hirer or as dependent on production requirements.

Duty Technician

The Duty Technician holds ultimate responsibility for all Hirers whilst in the venue. They cannot take a show role as they need to be available to attend to matters as they arise.

Award Conditions

All technical staff at Merrigong Theatre Company work under the Live Performance Award 2010. The Duty Technician will ensure staff take adequate breaks and conditions are met. Extra charges will occur for missed meal breaks and overtime hours.

Workplace Health and Safety

The Hirer shall ensure safe work practices are adhered to by their staff/volunteers and defer to the venue staff if there is a question of safety and/or damage to the venue or equipment.

All visiting Hirers must undergo a venue specific induction in regard to fire evacuation and workplace health and safety. A copy of the Fire Evacuation Safety Procedures are available on request. It is a requirement that closed shoes must be worn on stage during site inspections, b/in and b/out.

All electrical equipment entering the building must carry the appropriate test and tag documentation. Every Hirer must provide Merrigong Theatre Company with appropriate risk assessment documentation.

Height Safety

Height Safety equipment as required is provided as part of the venue hire. Hirer staff must be inducted if its use is required and must be used under supervision from a Merrigong Theatre Company employee. There is no access to the catwalks without a Merrigong Theatre Company employee present.

***Please provide a risk assessment for your event.
A generic risk assessment for standard BOH activities can be found on our website.
www.merrigong.com.au***