

TECHNICAL SPECIFICATIONS





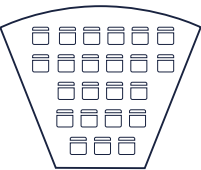
VENUE OVERVIEW

Sydney Coliseum Theatre is located at West HQ, 55 Sherbrooke St, Rooty Hill, NSW 2766.

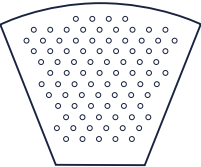
Our venue is a multi-mode theatre of premium appointment and facilities. The retractable stalls seating enables a range of operating modes to accommodate theatrical, concert and cabaret style audiences.

CONFIGURATION

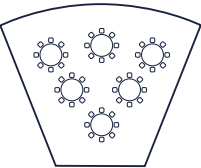
THEATRE
2000



CONCERT
2200



BANQUET
550



THEATRE



CONCERT



BANQUET





LOCATION

The Sydney Coliseum Theatre, West HQ is conveniently located in the Greater Western Sydney's (GWS) expanding cultural, sporting and commercial destination, West HQ.

West HQ is the leading destination for entertainment, fitness, lifestyle and accommodation located in the evolving region of Greater Western Sydney. The destination is home to the 4 and a half star Novotel Sydney West HQ, the Olympic-standard Sydney Gymnastic and Aquatic Centre, Sydney West Sports Medicine, One 55 Fitness, the iconic Rooty Hill RSL and Zone Bowling. Theatre patrons can enjoy a variety of dining options at West HQ including Chu by China Doll, Pizzaperta by Stefano Manfredi, Steak & Oyster Co by Sean Connolly, Chur Burger and Gelatissimo. The 8 hectare precinct will also welcome a 5 star Pullman Hotel in 2021 providing guests with a luxury accommodation option.

West HQ is a popular destination for professional athletes given its close proximity to Sydney Motorsports Park, Blacktown Sports Park and football stadiums. The precinct is located close to the popular tourist destinations of Western Sydney Parklands, Wet n Wild, Featherdale Wildlife Park and the future site of Sydney Zoo whilst a major shopping centre is within walking distance.

Offering convenience, variety and ample amenities, West HQ is the ideal base for cast, crew and patrons.

PUBLIC TRANSPORT

The venue can also be easily accessed by train from the Central Station and Parramatta via the main Western Line, with the Rooty Hill train station a 6-minute walk to the theatre. Regular bus and taxi's services are also available and easily accessible.



6 MIN WALK



AT DOORSTEP



21 MIN FROM FUTURE AIRPORT

THE SYDNEY COLISEUM THEATRE,
WEST HQ IS 16 – 25 MINUTES FROM
MAJOR GWS CITIES AND LANDMARKS





THEATRE OPERATIONS

Sydney Coliseum Theatre, West HQ offers best in market technical and a premium customer service philosophy making it a venue of choice for producers and performers.

TICKETING

The venue's exclusive ticketing partner is Ticketek. The venue also has a full service box office on site and customer can also purchase from existing Ticketek Box Offices at other locations.

The venue ticketing agreement is an exclusive appointment basis, therefore hirers will not be permitted to self-ticket their events. Limited allocations to third party sellers will be considered at the discretion of venue management.

RISK MANAGEMENT

All incoming productions, shows and events must provide the Technical Operations Manager with complete risk assessment of the event detailing the type of event, the duration and any risks regardless of how minor they may be.

We use a three-tier risk matrix and is up to the hirer to determine what level of risk applies to their event. Risk Assessment forms will be sent as an attachment to the venue contract.

As a guide the following interpretation is given for each tier.

- Tier 1 is for complex stage or event productions that utilize large sets and or moving parts
- Tier 2 is generally for concerts, musical or corporate events that are based on a touring model
- Tier 3 is for small events including local concerts, wedding and functions



VENUE ACCESS

Artist, crew and production vehicle access is in a secured and safe location close to stage door entry. Stage loading is carried out on a single level directly from the loading dock located at the rear of the venue via the secure parking area.

STAGE ACCESS

Stage access is via a sound lock door set upstage PS and OP side from the backstage and dressing rooms and DS OP from the Loading Dock and Scenery Storage areas.

FORESTAGE ACCESS

Forestage access is via a sound lock door set downstage in the Proscenium Wall PS and OP side through doors to the Forestage.

AUDITORIUM ACCESS

Auditorium access is via a sound lock door set downstage in the Proscenium Wall OP and via a backstage corridor on PS.

LOADING DOCK

Stage access is via a loading dock at the upstage OP side of the theatre and via the Scenery Assembly and Storage area to the Stage through large acoustic doors in the wall OP.

FACILITIES

Featuring ample dressing, crew and orchestra rooms and production offices, Sydney Coliseum Theatre will provide producers and promoters with comfortable, stylish and practical amenities.

DRESSING ROOMS

All Dressing Rooms have access to Toilet, Shower and Hand Basin facilities.

BASEMENT

- Crew Room
- Orchestra
- Band Change Room
- Storage
- Conductor Change Room
- Office

STAGE LEVEL

- 2 x 1 Person (Star) Dressing Rooms
- 2 x 2 Person Principal Dressing Rooms
- 3 x 4 Person Dressing Rooms
- Stage Door Reception and Security
- First Aid
- Wardrobe Room and Laundry – includes 2 x Washers & 2 x Dryers
- Green Room with Kitchenette

LEVEL ONE

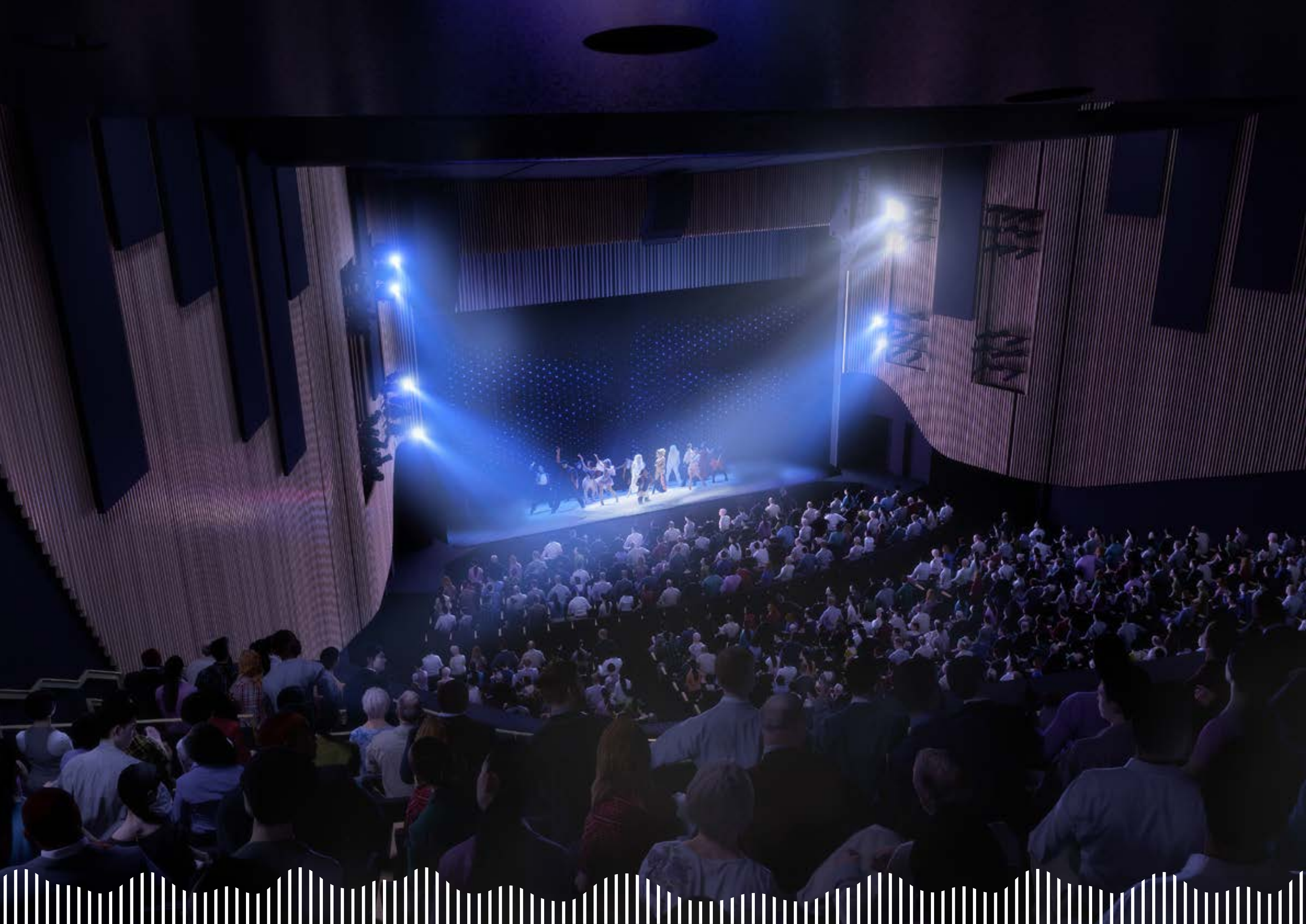
(through loading dock to stairs at side of auditorium)

- Touring Technical Staff Office – includes phone lines and fax / Data points
- Touring Company Office – includes phone lines and fax / Data points
- Sydney Coliseum Theatre Admin Staff Office
- Sydney Coliseum Theatre Operations Staff Office

LEVEL TWO

- 2 x 18 Person Dressing Rooms
- 2 x 24 Person Dressing Rooms
- Stage Management Office
- Rehearsal Studio (14 x10m) with Mirror wall and Ballet Barre and sound system. (Available on request for additional hire. Subject to availability)





STAGE FLOOR

- The stage floor is flat (no rake)
- The stage floor is a demountable timber floor to the acting area
- 16.8m wide x 12.3m deep from upstage of proscenium wall
- The stage floor is 38mm structural ply covered with 9.5mm Weathertex
- Stage Floor surface is painted Stage Black

STAGE DIMENSIONS

Sydney Coliseum Theatre comparable in dimensions to the major commercial theatres of Australia making it an exciting new destination for a wide variety of productions.

PROSCENIUM

Height	9.0m
Width	15.0m

STAGE DEPTHS

Plaster line to last flying line	12.0m
Plaster line to rear wall of rear stage	14.7m
Plaster line to edge of forestage	1.2m
Forestage edge to downstage edge of forestage/ Orchestra lift	3.88m

WINGS

Proscenium Arch to PS side wall	9.0m
Proscenium Arch to PS fly rail (narrows to 6.4m at +8.5m from setting line)	8.0m
Proscenium Arch to OP side wall	9.4m
Centre Line to OP side wall	16.9m
Distance between PS and OP fly floors	26.5m

STAGE HEIGHTS

Stage to underside of grid	23.5m
Stage to underside of fly galleries (clear)	10.5m
Stage to orchestra pit floor	2.6m
Stage to auditorium floor	1.0m





STAGE MANAGER DESK

An industry standard Stage Manager Desk (SMD) is provided with facilities for:

- Paging and program relay to all relevant backstage areas
- Headset Communications to all production areas
- CCTV monitor for Stage View Camera
- CCTV monitor for Conductor View Camera
- Worklight Control Panel
- House Light Control Panel
- Full Specification TBC

STAGE NOTES

Sydney Coliseum Theatre is fully optioned out with sound, lighting, stage risers and technical staff available for hire on request. Equipment additional to the house systems can be sourced on request and at hirer cost.

ORCHESTRA PIT

The orchestra pit area is situated on the Forestage/Orchestra Lift and undercut under the forestage overhang.

The Orchestra Lift is 16m wide by 3.88m at the centre.

If a pit is not required the Forestage/Orchestra lift can be set at auditorium level or stage level as a thrust stage. The pit rail can then be removed.

Access to the Orchestra Pit is via a ramp from the Basement or via stairs from stage level DS OP.

ORCHESTRA EQUIPMENT

82 music stands and dimmerable sconces and standard 4 leg chairs available.

FORESTAGE RIGGING SYSTEM

There is a system of 6 x Rigging Beams over the Forestage for speaker, truss and temporary scenic rigging, on rated rigging through slots in the forestage ceiling.

A Chain Motor system is provided to suspend the audio system using 6 x 1 tonne D8+ Chain Hoists with a Chain Hoist Control system.

A Forestage 300mm Square Box Truss 12m long and D8+ Chain Motors is provided.

Any rigging calculations are to account for loadings described within structural loading plans and fly system documentation.

STAGE DRAPES

A House Curtain of Bronze Velvet with a lightproof backing is provided on the House Curtain Line (Line #2).

The theatre is equipped with a stock of borders, legs, tabs and side masking:

Velour House Curtain pair 11.3m w x 11m h (100% fullness)	1
Black Wool False Proscenium Border 20m w x 4m h (0% fullness)	1
Black Wool False Proscenium Legs hard 3m w x 10m h (0% fullness)	1
Black Wool Border 20m w x 6m h (0% fullness)	4
Black Wool Border 20m w x 4m h (0% fullness)	4
Black Wool Legs pair 4.5m w x 11m h (0% fullness)	8
Black Wool Tabs pair 11m w x 11m h (75% fullness)	2
Black Wool Drop/Smother 20m w x 11m (0% fullness)	1
Black Wool Side Panorama Legs PS & OP pair 2m w x 11m h (0% fullness)	6
White Filled Cloth Cyclorama Cloth 20m w x 11m h	1
Black Sharkstooth Scrim 20m w x 9m h	1

COUNTERWEIGHT FLYING SYSTEM

The fly system is a single purchase counterweight fly system situated on the PS side of the stage and can be operated at stage level or 1st fly floor level.

The fly system is manually operated, with the exception of the two motorised panorama bars.

Number of counterweight line sets 80 (including H/C line)	80
Number of Panorama line sets (2 Motorised)	2
Batten length	22m
Batten material	RHS 75mm x 50mm
Batten spacing	150mm
Batten drift	22m
Pick-ups per Batten	6
Pick-up centres	3.5m
Number of slave cradle extenders	6
Load capacity of slave cradle extenders	250kg
Cradle load capacity	500kg
Tab Track (Motorised) for House Curtain with Control system	1
Tab Tracks for Mid and Rear Tabs	2

The Flying system is subject to a total WLL limit of 22,500kg, with additional lifting capacity of 15,000kg across grid floor. Any rigging calculations are to account for loadings described within structural loading plans and fly system documentation.





STAGE LIGHTING

The main Theatre Control Room is situated at rear of the (fixed) Stalls seats.

FOH LIGHTING DISTANCES TO PLASTER LINE

No.1 Lighting bridge	18.5m @ 48°
No.2 Lighting bridge	26.5m @ 36°
Followspot room (rear wall of balcony)	41m @ 24°
Balcony front	31m @ 20°

LIGHTING CONTROL

Grand MA3 – Light

DMX (PROVISIONAL)

A DMX Data via Pathport S.ACN or Artnet network is installed throughout the theatre, alongside 5-pin DMX

POWER

Two x 200 Amp per phase power supplies are available in the PS Wing for touring lighting systems

30 x LSC – APS 12ch x 10a advanced power distribution

LANTERNS

All luminaries are LED

Profile HP with combination of lens	34
Profile HP	34
Fresnels with manual zoom and barndoors	34
Fusion Par H X11 wash lights	48
iLED stage blinders P200 RGBW	8
iLED Cyc2 RGBAL	10

FOLLOW SPOTS (PROVISIONAL)

Robert Juliett Victor 1800W MSR - 7 to 14.5	2
---	---

LIGHTING BARS (PROVISIONAL)

Jands JLX PRO in 6m lengths with power and data looms sufficient for 6 x 18m long lighting bars

AUDIO SYSTEM

Featuring Hyperreal sound, Sydney Coliseum Theatre offers productions and audiences a spectacular experience to remember.

CONTROL ROOM

The control room is situated in the centre rear of fixed stalls with opening glass windows

AUDIO POWER

Audio Power (Green Power) outlets wired directly from the Audio Distribution Board are located throughout the theatre

SOUND MIXING POSITION

Theatre Mode	Situated directly in front of control room in the rear two rows (removal of up to 24 seats required)
Concert/ Banquet Mode	Situated directly in the central cross aisle at the rear of the retractable seating

MICROPHONES

Shure Beta 52a	2
Shure Super 55	1
Shure SM57	10
Shure Beta 57a	2
Shure Beta 58A	12
Shure SM81	2
Shure Beta 87A	3
Shure Beta 91a	2
Shure Beta 98 (w/drum mounts)	4
Shure MX418C (lectern)	2
Shure KSM 27	2
Shure KSM 137	2
Sennheiser e604	4
AKG D112	1
Neumann KM184 (stereo set)	1
Radial J48 Active DI	12

LOUDSPEAKER SYSTEM

L-Acoustics Loudspeaker System	
L-ISA Hyperreal sound KARA modular WST line source hung in 5 rows across the proscenium	50
L-Acoustics KS28 subwoofers centre flown	6
L-Acoustics X8 under balcony fill	4
L-Acoustics X8 forestage fill	5





COMMUNICATION SYSTEM

Green-Go Digital Communication System

GGO-BPX 32 Ch wired belt pack V4	8
GGO-WBPX Wireless belt pack V4	8
GGO-WAA Wireless active antenna	2
Single headsets	8
Dual headsets	8

MICROPHONES STANDS

K&M 210/2 Boom – Black	6
K&M 210/9 Telescopic boom – Black	6
K&M 259 Short telescopic boom – Black	12
K&M 260 Straight round base – Black	6

CABLES

5m Klotz My206 with Neutrik connectors	20
10m Klotz My206 with Neutrik connectors	40
15m Klotz My206 with Neutrik connectors	10

FOH MIXING CONSOLE

Digi-Co SD12 digital mixing console 72 Input Channels	1
---	---

SOUND RACKS

ER391: Situated in the control room (rear of Stalls) with the following:

- DSP & Paging system amplifiers
- L-Acoustics L-ISA processor
- Microphone patch panel
- Speaker patch panel

ER101: Situated on Prompt Side with the following:

- Digi-Co SD Rack Stage Box (56 Inputs /24 Outputs)

STAGE MULTI-CORES

20m Klotz K08LM4E020 multipin cable	2
30m Klotz K08LM4E030 multipin cable	1
10m Klotz K08LM4E010 multipin cable	1
6m Klotz Y08LBV1E06 - 8 Ch multipin fan 4 outs with M/XLR	
Klotz ST0808ME detachable 8 Ch stage box - Parallele M/F XLR	4

ADDITIONAL EQUIPMENT

AVAILABLE FOR HIRE

DIGITAL MIXING CONSOLE

Digi-Co SD12 digital mixing console	1
-------------------------------------	---

MOVING LIGHTS

Ayrton Levante-MS LED moving wash lights	10
Ayrton Mistral LED moving profile lights	16

IN-EAR MONITOR SYSTEM

Shure PSM 1000 dual ch wireless transmitters 626 – 698MHz	3
Shure PSM 1000 body pack receivers 626 – 698MHz	8
Shure PSM PA421B antenna combiner 4:1	1
Directional wideband wransmit antenna: 470 – 952 MHz	1
Shure SE535 stereo in-ear clear earphones	12

PIANO

Yamaha DCFX Concert grand piano	1
---------------------------------	---

WIRELESS MICROPHONE SYSTEM

Shure Axient Digital quad ch receiver 470 – 636MHz	1
Shure Axient Digital dual ch receiver 470 – 636MHz	1
Shure UA874WB active directional antenna UHF 470 – 900MHz wideband	2
Shure Axient Digital handheld transmitters with Beta 58a capsules	6
Shure Axient Digital bodypack transmitters 520 – 636MHz	6
Shure MX 150 Lavalier microphone	6
Shure KSM9 interchangeable capsules	2
Recharge system for Shure Axient Digital and PSM 1000 series included	

ORCHESTRA EQUIPMENT

STANDS / ROSTRUM

Rat Stands – 69Q13 Jazz music stand	40
Rat Stands – RAT-90Q2 Performer 3 music stand	42
Rat Stands – 57Q1 Opera conductors stand	1
Rat Stands – RAT-120Q01 Conductors rostrum 1m (W) x 1m (D) x 200mm (H)	1
Rat Stands – RAT-41Q10 & RAT-41Q-RX Wireless DMX transmitter/receiver	1

TRUSSING

Global F44 2m Truss with spigots, pins & clips	6
Global F44 3m Truss with spigots, pins & clips	6
Global F44A42 420mm x 420mm top plates /spigots, pins & clips	6
Global F44 900mm x 900mm Steel base plates/half-spigots & pins	6
Defender M85200 mini 3 ch cable crossover	6

SCONCES

Rat Stands – RAT-73Q06 LED Clip light with PSU / DMX controllable	50
Rat Stands – RAT-89Q1 LED clip light	40
Rat Stands – RAT-73Q70 Double trio LED clip light	1

STAGE DECKS

Basicline Stage deck 2m x 1m black coated finish	20
Basicline 300mm & 600mm legs	40 each
Basicline leg clamp	30
Basicline 970mm skirt plate with velcro	20
Basicline 330mm caster legs	16
Global stairs for 900mm stage inc. 150 /300 / 450 / 600 / 750mm elements	2
Global Performer 1.2m x 2.4m stage deck black cofinish	16
Global Performer 1200mm velcro skirting plate	16
Global Performer LED clamp	6
Global Performer black stage skirts 7.2m x 300 / 600 / 900mm	6 each

ADDITIONAL INFORMATION

Sydney Coliseum Theatre looks forward to assisting you with a seamless event production with a venue well appointed with a range of additional benefits.

HEARING ASSISTANCE

An industry standard IR Hearing Assistance system is provided details to follow.

OUTSIDE BROADCAST

Technical connection point is provided adjacent to the Loading Dock and OB Van parking area.

PARKING AND TRUCK ACCESS

There are 15 artist & crew allocated parking bays available for each performance.

Access is via a boom gate.

Adequate space is available for a semi-trailer to reverse into the loading dock area.

On bump in days there will be enough space to hold 4 semi-trailers.

INTERNET ACCESS

Broadband Wireless & Cable Internet access is available in certain areas (Charges apply).



