

GRAND AUDITORIUM

TECHNICAL INFORMATION

STAGE FACILITIES

PROSCENIUM

- Architectural proscenium: 17.66m wide X 12.00m high
- Stage lighting bridge and tower panels are 1.22m upstage of the proscenium, can adjust opening down to a minimum of 14.20m wide. A hard flat header attached in front of the lighting bridge would be moved up and down together with the lighting bridge from 12.00m high to 0.50m as required.

STAGE DIMENSIONS

WIDTH

- | | |
|-----------------------------------|---------------|
| • Centre line to stage right wall | 20.96m |
| • Centre line to stage left wall | 19.98m |
| • Between fly floors | 20.48m |

DEPTH

- | | |
|---|---------------|
| • Rear of proscenium to upstage limit of grid | 18.50m |
| • Rear of proscenium to cyclorama # bar 66 | 17.59m |
| • Rear of proscenium to forestage stage edge on centre line | 2.65 m |
| • Rear of proscenium to orchestra pit 1 edge on centre line | 5.30m |
| • Rear of proscenium to orchestra pit 2 edge on centre line | 7.06m |

HEIGHT

- | | |
|---|---------------|
| • House floor to stage height | 0.90 m |
| • Clear under fly floors (stage left) | 9.03m |
| • Clear under fly floors (stage right) | 9.07m |
| • Clear under grid | 29.50m |
| • Maximum counterweight bar flying height | 28.00m |

STAGE

- Surface – Hardboard, flat, no nails or screws allowed. All individual 1m x 1m boards from 2.7m up stage of the house curtain can be used as trapdoors.
- Under stage – level -1 3m height, level-2 6m height

REAR STAGE

- Opening **19.98m width x 7.85m high**
- Depth **8.50m**
- There are 4 electric bars with max loading 300 kg each.

FLYING SYSTEM

- Double purchase counterweights **32 sets**
- Electric sets (computerized) **34 sets**
- Fly bars-motorized winch (Cyclorama) **1 sets**
- Bars centres (generally) **0.20m**
- Bars Length **19.0m**
- Electric Motorized Bars MAX loading **450kg**
- Manual Operation Bars MAX loading **300kg**
- Those rigged with American iron frame bars MAX loading **300kg**
- House curtain (Draw only) – Variable speed electric
- Stage lighting bridge – Fixed speed electric
- Side Bars – one each side running from down to up stage, 16 m length, manual winch, manual, MAX loading
- Flexible Chain Hoists – Fixed speed electric **300kg**
MAX loading **6 nos**
500kg

Remarks:

- ❖ ***Bars rigged with Acoustic Ceilings and the House Curtain are not available at any time. Please see our Hanging Plot.***

SIDE STAGE

- Stage Left: **10.00m width x 20.50m depth x 9.03m high**
- Stage Right: **12.50m width x 20.50m depth x 9.07m high**
Many Acoustic Panels are stored at this area

GET-IN

Double doors with 5.47m wide x 4.10m high at rear stage on stage floor level

ORCHESTRA PIT

- Total area is about 75 sq m
- Depth 4.40m maximum

GENERAL SET-UP

The Grand Auditorium operates on a 'bare-walls' touring policy. That is, all equipment are normally set-up and struck within the booking period. Hirers are reminded to allow sufficient preparation time to hang theatre masking, sceneries, and rig all overhead stage lighting.

STAGE EQUIPMENT

- | | |
|---------------------------------------|-------------------------|
| • Black masking | |
| ▪ Legs | 10 pairs x 3.5m x 14.5m |
| ▪ Border | 10 pieces x 19m x 4m |
| • Black gauze | 1 piece x 19m x 10.6m |
| • White gauze | 1 piece x 19m x 10.6m |
| • Black back drop | 1 piece x 19.5m x 14.5m |
| • White colour back projection screen | 1 piece x 12m x 14.5m |
| • Black merely tiles | 1 pair x 20m x 18 m |
| • Green stage carpet | 3 pieces x 3m x 12m |
| • Genie working platform | 1 x 11m height max. |

PLATFORM EQUIPMENT

- | | |
|--------------------|---|
| • Orchestral riser | 50 x 1m x 2m (adjustable heights at 0.2m, 0.4m, 0.6m, 0.8m, 1m) |
| • Choir Riser | 7 x 1.36m x 3 tiers, can add to 4 tiers |

MUSICAL INSTRUMENTS (Common to 2 Auditoria)

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|---|-------|
| • Concert grand piano (Steinway & Sons) | 2 nos |
| • Timpani (4 units: 23", 26", 29", 32") | 1 set |
| • Yamaha Upright Piano | 2 nos |

LIGHTING FACILITIES

LIGHTING CONSOLE

MA2 light console with 6 line dmx output, set in Light Control Room at rear of Stalls

DIMMERS (*Dimmer Room level 4 above rear upper stalls*)

- 192 x 3kw
- 60 x 5kw
- 8 x 12 portable boxes x 3kw

LIGHTING LANTERNS

• Fresno	(Common to both theatres)				
•	Europe	F201	2kw	12°/61°	50 units
	Europe	F101	1.2kw	13°/59°	50 units
• Plano Convex	(Common to both theatres)				
	Europe	PC C101	1.2 kw	10°/65°	40 units
	Europe	PC C201	2kw	5°66°	50 units
• Profile	(Common to both theatres)				
	(All profiles are equipped with A size Gobo holders)				
	Europe	DW105	1.2kw	15°/38°	60 units
	ETC	source four zoom	750w	25°/50°	50 units
	ETC	source four zoom	750w	15°/30°	50 units
	(Fixtures are permanently fixed on the FOH bridges and FOH sides of the Grand Auditorium)				
	Europe	DS205	2kw	13°/36°	38 units
	Europe	DN205	2kw	10°/22°	40 units
• Par 64	(Common to both theatres)				
	CP 61		1kw		70 units
	CP 60		1kw		40 units
	CP62		1kw		60 units
• LED	(Grand Auditorium only)				
	ETC	Desire D60 Lustr+			40 units
		(Len: very narrow /			

narrow / medium / wide)

ETC	Source Four Led Series 25° /50°	25 units
	2 Lustr	

(Common to both theatres)

ETC	Source Four Led Series 2 Lustr 15° /30°	23 units
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ETC	Source Four	
	Led Series 2 Lustr Fresnel 15° /50°	32units

• **Cyclorama Flood (Common to both theatres)**

ACP	1004C-HRS	1.25kw	16 units
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• **Ground Row (Common to both theatres)**

Fill Light	LF1000 GR/F	1kw	13 units
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• **Follow Spot (Grand Auditorium only)**

Located in level 2 Front of House stage left and stage right translation rooms

Rober	ARAMS HMI	2.5kw	3 units
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ADDITIONAL LIGHTING EQUIPMENT

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|--|-----------------------------|
| • Stands (single head) | 8 x 12kg loading |
| • Light trees: each equipped with 3 arms | 6 sets x 3.3m height |
| • Lighting towers: each can rig 4 lighting equipment | 18 units |
| • Smoke Machine Smoke Factory Captain D. | 4 units |
| • Le Maitre M.V.S. | 4 units |
| • Strobe Light 1000w | 3 units |
| • PANI Halogen Projector 2500w | 6 units |

Extra 400 A three-phase electrical power supply (one at the rear of the stage right, one at the rear of the stage left)

- ❖ *If only booking 4 hours for light focus and plotting sessions, hirer will be provided with simple white lighting only from available hung equipment.*
- ❖ *Equipment available does vary slightly according to repair, maintenance, etc. Check with Senior Stage Manager for any changes.*
- ❖ *Productions with a Lighting Designer should contact the Senior Stage Manager for specialist pool equipment details and list.*
- ❖ *Please prepare your fixture library when using hirer's own light console.*

SOUND FACILITIES

SOUND SYSTEM

Dual-channel speaker arrays hanging on both sides, Centre cluster system array will be set on request.
Outlets for portable loudspeakers in stage area.

SPEAKER

L-Acoustics KUDO

SOUND CONSOLE

Digidesign D-show Profile System, set in control room locate at rear stalls

MICROPHONE INPUTS

- 48 in stage house
- 32 on pit wall
- 40 outlets under no 1 Seat at the last row of Stall

OUTBOARD DEVICE (Permanently installed):

1/3 octave band parametric equalizers (house L, R and cluster)	4 channels
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MICROPHONES (Common to 2 Auditoria)

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|---------------------------------|---------------|
| • SHURE 58 Beta | 4 nos |
| • SHURE SM58 | 4 nos |
| • SHURE 57 Beta | 4 nos |
| • SHURE SM57 | 6 nos |
| • Neumann KM184 | 10 nos |
| • AKG CK98 | 4 nos |
| • AKG 414 | 4 nos |
| • SHURE 87 Beta | 4 nos |
| • CROWN PCC 160B | 8 nos |
| • Wireless Microphone (GA only) | 8 nos |

SPEAKER / MONITOR

- | | |
|--|--------------|
| • L Acoustic 112P | 6 nos |
| • LAcoustic 108P (Common to 2 Auditoria) | 4 nos |

MUSIC PLAYBACK / RECORDING (Permanently installed)

• Cassette Tape Player / Recorder	2 nos
• CD Player / Recorder	1 nos
• Mini-Disc Play / Recorder	2 nos
• DAT Player / Recorder	2 nos

COMMUNICATIONS

Stage managers control desk; Intercom system; CCTV system; Paging system

SIMULTANEOUS INTERPRETATION

• PHILIPS LBB Simultaneous Interpretation System	5 channels (languages)
• PHILIPS LBB3433/10 & LBB 3017/00 (Common to 2 Auditoria and Conference Rooms)	200 sets

AUDIO/VISUAL

• SANYO PLC-XF31 LCD Projector (5500lumens) For subtitle only	1 nos
• DVD/VCD Player	1 nos

DRESSING ROOMS (Share with the Small Auditorium)

Level minus 1	2 x 20 persons
Green Room	1 no
Level 0	2 x 20 persons
Level 0	4 x 3 persons
Level 0	4 x 5 persons
Level 0	9 x 1 persons

RUNNING WARDROBE(Share with the Small Auditorium)

Washing machines, Sewing machines, Dryers, Irons & Boards

REMARKS:

- ❖ *Should any changes in availability of equipments occur after the date of booking confirmation, user will be notified by the MCC Stage Manager.*
- ❖ *The MCC cannot guarantee the availability of equipments on the required time and date, but will always use its best efforts to ensure that the needs of the user are met.*
- ❖ *Should any substitute / additional equipment be required, user may arrange for its own supplier to the equipments.*