



technical brief

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CONCERT HALL

STAGE	BACKSTAGE
<p>SEATING CAPACITY</p> <p>Total Capacity of the house 1,628 seats Total Capacity including audience seating in Choir Stalls 1,825 seats</p> <p>Seating Capacity Reductions: Forestage Lift (rows A-C + D) 94 + 28 seats Sound Cockpit (seats: U17-23; V17-21; W18-20) 15 seats</p> <p>FEATURES</p> <p><u>Floor</u> Polished Tasmanian Oak tongue & groove. The use of any stage fasteners (screws, nails, etc.) is strictly prohibited.</p> <p><u>Semi-circular Orchestra Platform (Stage)</u> 27.1m (w) at DS edge x 12m(d)</p> <p><u>Deployable Orchestra Riser System</u> 0.15m, 0.3m, 0.45m, 0.6m (Fixed Heights)</p> <p><u>Gallery Seating Lift</u> <u>Forestage Lift</u> 2m max lift height 94 seats, 18m (w) x 4m (d) <i>For use as auditorium seating, platform extension or orchestra pit.</i></p> <p>Acoustic Features Acoustic Canopy System, Reverberation Chambers, & Acoustic Draperies.</p> <p>MUSICAL INSTRUMENTS</p> <p>Pipe Organ <i>Klais Orgelbau, 61 Stops (4740 Pipes)</i></p> <p>Piano Inventory: 3 X Steinway D (9') Concert Grand 1 X Steinway B (7') Grand 1 X Steinway A (6') Grand 1 X Yamaha S6 (6') Grand 7 X Yamaha U5 Upright</p> <p>Use of pianos is subject to availability, therefore prior arrangement is essential. Esplanade's resident piano technician must tune all pianos before every public performance. Tuning Rates available upon request</p> <p>RIGGING SYSTEM</p> <p>Type: 16 Point Hoists. Permanently mounted in Attic. Distribution: Movable Pick-up points over platform area (prior consultation required)</p> <p>Type: 12 Chain Hoists. Permanently located in Attic. Distribution: Locatable over platform area (prior consultation required)</p> <p>Draperies A black wool serge cyclorama is available for use on the Cyclorama Truss only.</p>	<p>LOADING DOCK</p> <p>Accessed from Raffles Avenue. The Concert Hall platform is directly accessed via loading dock doors backstage.</p> <p>Loading Dock Entrance Clear Height 4.2 m Dock Height from floor 1.2 m Loading Bay Openings (x2) 1 x 6.3m (w), 2.8m (h) 1 x 2.4m (w), 2.4m (h) 1 x 3.4m (w), 2.7m (h) Loading Door to platform Concert Hall Doors 1.9m (w), 2m (h)</p> <p>CONCERT HALL LOUNGE</p> <p>Location Level One, upstage of the orchestra platform</p> <p>DRESSING ROOMS</p> <p>Each is equipped with make-up mirrors and tables, full length mirrors, telephones, sinks, toilets and showers with hot and cold running water, audio monitoring and paging systems.</p> <p>On Level 1 (Platform Level)</p> <p>1 no. Production Office 1 no. Suite (Lounge & Dressing Room) (x1 Yamaha Upright U5 piano) 3 nos. Dressing Room Single occupant 2 nos. Dressing Room Can accommodate up to 4 persons, with 2 make-up stations</p> <p>On Level B1 (Below Platform Level)</p> <p>10 nos. Orchestra Dressing Room Can accommodate up to 6 persons, with 3 make-up stations</p> <p>Others may be available upon request, subject to users' requirements in the other venues.</p> <p>(Note: The following facilities are shared with other performing venues.)</p> <p>ARTIST LOUNGE</p> <p>Location Level One Facilities Available to Concert Hall cast & crew only.</p> <p>GREEN ROOM</p> <p>Location Basement One Facilities Vending machines. Available to cast, crew & Esplanade staff</p> <p>WARDROBE</p> <p>Location Basement One Facilities Wardrobe maintenance room, Wig maintenance room, Laundry room with 2 washers & 2 dryers.</p> <p>All wardrobe equipment shall be operated by Esplanade staff.</p>

LIGHTING	SOUND
<p>LOCAL POWER SUPPLY 230 Volt single phase, 50 Hz</p> <p>ADDITIONAL POWER The following power distribution draws from a single, 400 Amp, 3-phase source. The sum of all individual connections, on stage right, stage left, and under-stage, must not exceed 400 Amps, in total.</p> <p>Upstage Stage Left 1 x 200 Amp 3-phase (to bus bars) 1 x 160 Amp PowerLocks 1 x 125 Amp 3-phase+N+E, 5-pin, CEEForm</p> <p>Upstage Right 1 x 400 Amp 3-phase (to bus bar) 2 x 160 Amp PowerLocks 2 x 125 Amp 3-phase+N+E, 5-pin, CEEForm</p> <p>Under-stage 1 x 160 Amp PowerLocks 1 x 125 Amp 3-phase+N+E, 5-pin, CEEForm</p> <p>An additional, separate, 600 Amp, 3-phase distribution (to bus bar) is available, in the rear stage area, approximately 15m from stage right platform entrance.</p> <p>Power connections, to isolators, are subject to inspection by a Licensed Electrical Worker (LEW). ELCB + overload protection to be provided by hirer</p> <p>STANDARD RIG A standard pre-focused repertory lighting rig exists. All expenses related to varying, removing and restoring the House Rig are to be borne by the user.</p> <p>CONSOLE grandMA 2 Light with playback wing DIMMERS 458 x 3.3kW dimmers 166 x 5.5kW dimmers 124 x 4.6kW non-dimmed outlets</p> <p>CONNECTOR TYPE 16 Amp, CEE17</p> <p>EQUIPMENT A selection of 750W Source 4 and 600W SL profiles is provided, along with various fresnels, Source 4 PARs, complemented by Martin TW1s and Vari*lite VL1k and VL3000 spots & washes.</p> <p>FOLLOWSPOTS 4x RJ Cyrano 2.5kW HMI 3/8° (Medium throw)</p>	<p>ADDITIONAL POWER Situated Mid Stage Left (Prompt side) 230 Volt 50 Hz 125 Amps CEE17 outlets</p> <p>MIXERS Control Room: Stagetec Crescendo digital console Cockpit : Digico SD7</p> <p>On an elevator wagon, located at the off-centre rear of the Stalls. Front Width 3 m Rear Width 3 m Depth 2.5 m 15 seats need to be removed</p> <p>Monitors: Digico SD7 This console is shared across all venues in the centre. Prior arrangement is required.</p> <p>PLAYBACK Basic supply of Compact Disc Players</p> <p>MICROPHONES & MIC STANDS An assortment of microphones and radio-microphones is available. List upon request as microphones are shared across all venues.</p> <p>Wireless miniature microphone capsules are available on request and rental charges apply.</p> <p>Any microphones that cannot be catered for are to be brought in by the hirer.</p> <p>FOH SPEAKERS d&b audiotechnik C7/C4 installed systems comprising of Left, Centre, Right Main Clusters and Fill Systems.</p> <p>COMMUNICATIONS Stage Manager's desk, Cuelights & Accessories, Intercom & Accessories, Video Cameras & Accessories, Video Monitors & Accessories, Assisted Listening system.</p>