



technical brief

The Esplanade Co Ltd 1 Esplanade Drive Singapore 038981
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www.esplanade.com



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:</p> <p>Forestage Lift 94 + 28 seats (Stalls Rows A-C + D) Sound Cockpit 15 seats (Stalls U17-23; V17-21; W18-20)</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> 2m max lift height</p> <p><u>Forestage Lift</u> 94 seats, 18m(w) x 4m(d) <i>For use as auditorium seating or stage extension.</i></p> <p>ACOUSTIC FEATURES</p> <p>Acoustic canopy system, reverberation chambers, and acoustic draperies.</p> <p>MUSICAL INSTRUMENTS</p> <p>Pipe Organ <i>Klais Orgelbau</i>, 61 stops (4740 pipes)</p> <p>Pianos:</p> <p>3x Steinway D (9') Concert Grand 1x Steinway B (7') Grand 1x Steinway A (6') Grand 1x Yamaha S6 (6') Grand 7x Yamaha U5 Upright</p> <p>Use of pianos is subject to availability; therefore, prior arrangement is essential.</p> <p>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 4.2m Dock height from floor 1.2m Loading Bay openings (x2) 1x 6.3m(w) x 2.8m(h) 1x 2.4m(w) x 2.4m(h) Loading door to platform 1x 3.4m(w) x 2.7m(h) Concert Hall doors 1.9m(w) x 2m(h)</p> <p>DRESSING ROOMS</p> <p>Each is equipped with make-up mirrors and tables, full-length mirrors, sinks, toilets and showers with hot and cold running water, audio monitoring and paging systems.</p> <p><u>On Level 1 (Platform Level)</u></p> <p>1x Production Office 1x Suite Lounge & Dressing Room, with x1 Yamaha Upright U5 piano Single occupant Accommodates up to 4 persons, with 2 make-up stations</p> <p>3x Dressing Room 2x Dressing Room</p> <p><u>On Level B1 (below Platform Level)</u></p> <p>8x Orchestra Dressing Room Accommodates 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>CONCERT HALL LOUNGE</p> <p>Location Level 1 Available to Concert Hall cast & crew only.</p> <p>The following facilities are shared with other performing venues:</p> <p>GREEN ROOM</p> <p>Location Level B1 Facilities Vending machines, dining area Available to all cast, crew and staff working at Esplanade.</p> <p>WARDROBE</p> <p>Location Level B1 Facilities Wardrobe maintenance room, wig maintenance room, laundry room with 2 washers & 2 dryers All wardrobe equipment shall be operated by Esplanade staff.</p>



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CONCERT HALL (cont'd)

LIGHTING		SOUND	
LOCAL POWER SUPPLY	230 Volt single-phase, 50 Hz	ADDITIONAL POWER	
CONNECTOR TYPE	16 Amp Cee17 and powerCON® TRUE1	Situated Mid Stage Left (Prompt side)	230 Volt 50 Hz
ADDITIONAL POWER		125 Amps CEE17 outlets	
<p>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><u>Upstage Stage Left</u> 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><u>Upstage Right</u> 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><u>Under-stage</u> 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 standard rig are to be borne by the user.</p> <p>CONSOLE GrandMA3 Light</p> <p>POWER SWITCHING LSC Unity 16A switch module (Relay Circuits only)</p> <p>EQUIPMENT The venue features a selection of automated LED Profile and Wash Fixtures and pre-focused LED pars.</p> <p>FOLLOWSPOTS 4x RJ Cyrano 2.5kW HMI 3/8° (Medium throw)</p>		<p>MIXERS <u>Control Room</u> Yamaha QL1</p> <p><u>Cockpit</u> Digico SD7 Quantum On an elevator wagon, located at the off-centre rear of the Stalls. Front width 3m Rear width 3m Depth 2.5m 15 seats need to be removed (Stalls U17-23; V17-21; W18-20)</p> <p><u>Monitors</u> Digico SD7 Quantum This console is shared across all venues in the centre. Prior arrangement is required.</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 installed systems comprising of Left, Centre, Right Main Clusters and Fill Systems (KSL, XSL, AL speakers).</p> <p>COMMUNICATIONS Stage Manager's desk, cuelights & accessories, intercom & accessories, video cameras & accessories, video monitors & accessories</p>	