



# technical brief

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## THEATRE STUDIO

STAGE	BACKSTAGE																																																		
<p><b>ADAPTABLE SEATING CONFIGURATION</b></p> <p>Possible seating configurations &amp; capacity:</p> <table> <tr> <td>End-stage</td><td>220 seats (Default setting)</td></tr> <tr> <td>Thrust stage</td><td>160 seats</td></tr> <tr> <td>Transverse</td><td>160 seats</td></tr> <tr> <td>In-the-round</td><td>160 seats</td></tr> </table> <p><b>FEATURES</b></p> <table> <tr> <td>Floor</td><td>Black Weathertex stage floor</td></tr> <tr> <td>Room Dimensions</td><td>17.6m (w) x 19.4m (d)</td></tr> <tr> <td>Typical performance space in End-stage configuration</td><td>10.0m(w) x 8.3m(d)</td></tr> </table> <p>Dance Floor Black Harlequin Cascade (available upon prior arrangement)</p> <p><b>MUSICAL INSTRUMENTS</b></p> <p>Piano Inventory:</p> <table> <tr> <td>3 X Steinway D (9')</td><td>Concert Grand</td></tr> <tr> <td>1 X Steinway B (7')</td><td>Grand</td></tr> <tr> <td>1 X Steinway A (6')</td><td>Grand</td></tr> <tr> <td>1 X Yamaha S6 (6')</td><td>Grand</td></tr> <tr> <td>7 X Yamaha U5</td><td>Upright</td></tr> </table> <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><b>RIGGING SYSTEM</b></p> <table> <tr> <td>Grid</td><td>Fixed 48mm O/D pipe grid set @ 1m &amp; 2m centres.</td></tr> <tr> <td>Height from stage floor</td><td>5.54m (lower pipes) / 5.6m (upper pipes)</td></tr> </table> <p>The suspension of any equipment other than in-house stock is subject to prior approval.</p> <p>Draperies Black wool serge surround on traveler tracks. Black wool serge legs.</p>	End-stage	220 seats (Default setting)	Thrust stage	160 seats	Transverse	160 seats	In-the-round	160 seats	Floor	Black Weathertex stage floor	Room Dimensions	17.6m (w) x 19.4m (d)	Typical performance space in End-stage configuration	10.0m(w) x 8.3m(d)	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	Grid	Fixed 48mm O/D pipe grid set @ 1m & 2m centres.	Height from stage floor	5.54m (lower pipes) / 5.6m (upper pipes)	<p><b>LOADING DOCK</b></p> <p>Accessed from Raffles Avenue. The Theatre Studio is accessed via a cargo lift to Level 4. Load-in is restricted by the size of the cargo lift as well as the double doors leading to the venue.</p> <table> <tr> <td>Loading Dock Entrance from street</td><td>4.2m</td></tr> <tr> <td>Loading Dock Height</td><td>1.13m</td></tr> <tr> <td>Double Doors to Studio</td><td>1.7m(w), 2m(h)</td></tr> <tr> <td>Cargo Lift</td><td>2.9m(w), 3.9m(l), 2.6m(h)</td></tr> <tr> <td>Entrance to Lift</td><td>2m(w), 2.1m(h)</td></tr> </table> <p><b>DRESSING ROOMS</b></p> <p>Each is equipped with Make-up mirrors and tables, full-length mirrors, telephones, audio monitoring and paging systems. Shared unisex toilets and showers are located along the adjacent corridor.</p> <p>On Level 4</p> <table> <tr> <td>3 no. Dressing room</td><td>2 persons</td></tr> <tr> <td>1 no. Dressing room</td><td>1 persons</td></tr> </table> <p>(Note: The following facilities are shared with other performing venues.)</p> <p><b>GREEN ROOM</b></p> <table> <tr> <td>Location</td><td>Basement One</td></tr> <tr> <td>Facilities</td><td>Vending machines. Available to cast, crew &amp; Esplanade staff</td></tr> </table> <p><b>WARDROBE</b></p> <table> <tr> <td>Location</td><td>Basement One</td></tr> <tr> <td>Facilities</td><td>Wardrobe maintenance room, Wig maintenance room, Laundry room with 2 washers &amp; 2 dryers.</td></tr> </table> <p>All wardrobe equipment shall be operated by Esplanade staff.</p>	Loading Dock Entrance from street	4.2m	Loading Dock Height	1.13m	Double Doors to Studio	1.7m(w), 2m(h)	Cargo Lift	2.9m(w), 3.9m(l), 2.6m(h)	Entrance to Lift	2m(w), 2.1m(h)	3 no. Dressing room	2 persons	1 no. Dressing room	1 persons	Location	Basement One	Facilities	Vending machines. Available to cast, crew & Esplanade staff	Location	Basement One	Facilities	Wardrobe maintenance room, Wig maintenance room, Laundry room with 2 washers & 2 dryers.
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<p><b>LOCAL POWER SUPPLY</b></p> <p>230 Volt single phase, 50 Hz</p> <p><b>CONNECTOR TYPE</b> 16 Amp, CEE17</p> <p><b>STANDARD RIG</b></p> <p>There is no standard lighting rig in the black box venue. Each production must set up its own lighting rig, and all expenses for setup and strike must be covered by the user. House lights are part of the infrastructure and cannot be removed.</p> <p><b>CONTROL</b> DMX 512 over sACN</p> <p><b>CONSOLE</b> GrandMA 3 compact XT</p> <p><b>POWER SWITCHING</b></p> <p>RIGSWITCH 24 (230V) 10 amps (Relay Circuits only)</p> <p><b>EQUIPMENT</b></p> <p>The venue includes a selection Robe Painte wash and profile fixtures, ETC Source4 LED Series 3 LUSTRE X8 fixtures with 19°, 26°, and 36° lenses, Robert Juliat 315LF Sully 4C units, and VariLite VL800 Eventpar RGBW units.</p>	<p><b>MIXER</b></p> <p>Digico SD12-96</p> <p><b>MICROPHONES &amp; MIC STANDS</b></p> <p>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><b>SPEAKERS</b></p> <p>Installed assorted L-Acoustics systems.</p> <p><b>COMMUNICATIONS</b></p> <p>Stage Manager's console, Cuelights &amp; Accessories, Intercom &amp; Accessories, Show Relay Cameras &amp; Accessories, Show Relay Monitors &amp; Accessories.</p>																																																		