

## TECHNICAL BRIEF & INCLUSIONS

Suntec Singapore's Engage Theatres are designed to create an **immersive, upgraded experience** for all guests and a **plug-and-play all-inclusive** solution for organisers.

Our **Engage Experts** seamlessly combine crystal-clear sound, expansive visual displays and customised lighting to create the **'front-row experience'** for every guest and occasion.

For your next conference, meeting, award ceremony, corporate dinner or concert, **upgrade to Engage**.



### Engage Theatre Inclusions:

#### FRONT-OF-HOUSE

Engage hall  
Flexible seating / layouts  
Stage  
Furniture & linen  
Registration counters  
Touchpoints  
Carpeting  
High-speed Wi-Fi  
General cleaning & hygiene  
Air conditioning

#### BACKSTAGE

Green rooms  
Loading bays  
Freight elevators  
Truss and drapes  
Power supply and utility charges

#### AUDIO

Speakers  
Microphones  
Wireless headsets  
Mixers

#### VISUAL

Digital canvas [LED wall]  
Projectors and screens  
Presenter equipment  
Switcher

#### LIGHTING

Stage lighting  
Immersive hall lighting  
Cameras  
Streaming  
Special effects

#### ENGAGE EXPERTS

All required technical manpower

## TECHNICAL BRIEF – All Included in Special Offers

FRONT-OF-HOUSE	BACKSTAGE
<p><b>ENGAGE 1 HALL</b>            1,890 sqm with 7.8m ceiling height</p> <p><b>FLEXIBLE SEATING / LAYOUTS</b>            780 guests - Banquet Seating            1,428 guests - Theatre Seating            630 guests - Cluster Seating            924 guests - Classroom Seating</p> <p><b>STAGE</b>            The main stage dimensions are 40ft (L) x 24ft (W) x 4ft (H).            Step rises are placed at either side of the stage</p> <p><b>FURNITURE &amp; LINEN</b>            Conference furniture and table linen are included. Add-on chair covers may be ordered when required.</p> <p><b>REGISTRATION COUNTERS</b>            2 Registration Counters at the entrance to the Engage Theatre are included.</p> <p><b>TOUCHPOINTS</b>            1 Touchpoint at the entrance to the Engage Theatre are included.</p> <p><b>CARPETING</b>            Dark blue carpet tiles are installed across the entire Engage theatre.</p> <p><b>COMPLIMENTARY HIGH-SPEED WIFI</b>            The high-speed Wi-Fi network is provided complimentary, across the entire Centre.</p> <p><b>UTILITY PIT &amp; TRENCH SYSTEM</b>            In-floor trenches are provided, across the hall, for all utilities.</p> <p><b>GENERAL CLEANING &amp; HYGIENE</b>            Our housekeeping team ensures all cleaning and hygiene checks are conducted periodically.</p> <p><b>AIR CONDITIONING</b>            For the comfort of all guests, air conditioning is included during event hours. Ambient temperature of 24°C is maintained across the engage theatres.</p>	<p><b>GREEN ROOMS</b>            1 green room of size 5m x 2.5m x 2.4m is located directly behind the Digital Canvas and easily accessible to performers, presenters or VIPs.</p> <p>Each room is equipped with one set of the following:</p> <ul style="list-style-type: none"> <li>- Dressing table with lights and mirror</li> <li>- Standing mirror with lights</li> <li>- 24" monitor for video relay</li> <li>- Clothes rail</li> <li>- Mini fridge provisioned with Suntec bottled water</li> <li>- Sofas [2-seater and single-seater]</li> <li>- Glass coffee table</li> <li>- 4-gang extension</li> <li>- Floor standing lamp</li> <li>- Floor standing fan</li> <li>- Floor rug</li> <li>- Standing clothing steamer</li> </ul> <p><b>LOADING BAYS &amp; FREIGHT DOORS</b>            Accessible from Nicoll Highway, dedicated loading bays are made available on level 4, for users of the Engage Theatres. These loading bays offer parking for 40ft containers with a minimum height clearance of 4m. Freight doors [4860mm(W) x 4000mm(H)] allow trucks to drive into the hall for loading and unloading.</p> <p><b>FREIGHT ELEVATORS</b>            3 freight elevators are available to access the halls.</p> <p><b>TRUSS &amp; DRAPES</b>            28m of stage trusses with chain hoists and fire-retardant black drapes [for console and back of house segregation] are included.</p> <p><b>POWER SUPPLY</b>            230 Volt single phase, 50 Hz. Electricity supply from all pre-installed audio-visual &amp; lighting [AVL] equipment in the Engage Theatres is included.</p>
<p><i><b>All-Inclusive, Plug-and-Play</b></i></p>	

## TECHNICAL BRIEF – All Included in Special Offers

AUDIO	LIGHTING
<p><b>SPEAKERS</b>            Full range speaker audio setup consisting of 10 rigged line array speakers coupled with tops, subs, monitors and front fills. 2 units of stage monitors with foldback speakers. Performers may bring in their own mixer and engineer to hook up to our system.</p> <p><b>MICROPHONES &amp; MICROPHONE STANDS</b>            An assortment of Shure handheld, gooseneck and lapel microphones with belt packs are available. Capable of delivering crystal-clear sound without any external frequency interruption.</p> <p><b>WIRELESS HEADSETS</b>            6 headsets with belt pack for live communication between the production team.</p> <p><b>MIXERS</b>            Midas M32 Digital Audio Mixer has 32-channels capable of controlling the audio system throughout the halls including microphones. It also all the audio setup hung throughout the halls – perfect for conferences, meetings or concerts. Front-fills and speaker monitor wedges placed in front of stage for speakers/presenters. Artists/performers can bring in their own presets to connect with our system.</p>	<p><b>STAGE LIGHTING</b>            Stage is equipped with 3 lines of overhead truss with an assortment of blinders, LED movers, and wash lights strategically set up for ambient, front wash and back wash.</p> <p><b>IMMERSIVE HALL LIGHTING</b>            45 programmable LED moving heads installed across the entire ceiling. Centrally controlled by Avolite Quartz lighting console allowing for a full range of customisation.</p> <p><b>CAMERAS</b>            3 units of 4K Panasonic camcorder on tripods strategically placed to capture walk-in and stage shots. Cameras come with controller included (excluding SD cards).</p> <p><b>STREAMING</b>            Streaming via the Centre's public network is included (bandwidth strength dependent on Centre-wide usage density). Add-on dedicated high speed LAN connection available for clients with high-capacity streaming needs.</p> <p><b>SPECIAL EFFECTS</b>            Add-on special effects are available</p>
VISUAL	ENGAGE EXPERTS
<p><b>DIGITAL CANVAS</b>            21m x 4m LED wall [Pitch2.5mm] equipped with NovoStar UHD Jr processors and a backup system for high-reliability.</p> <p><b>PROJECTORS &amp; SCREENS</b>            2 sets of 10K Laser Projectors with 2 sets of 16ft x 9ft rigged projector screens for feed around the sides and back of the halls.</p> <p><b>PRESENTER EQUIPMENT</b>            Laptop with Microsoft Office provided with 3 sets of 65" comfort monitor with foldback stands and D'San PerfectCue wireless clicker.</p> <p><b>SWITCHER</b>            Barco E2 multi-media broadcast switcher that controls all the visual feeds within the hall including video and projections.</p>	<p><b>TECHNICAL MANPOWER</b>            All required engage experts are included:</p> <ul style="list-style-type: none"> <li>- Client Liaison</li> <li>- Sound Engineer [A1]</li> <li>- Sound Assistant [A2]</li> <li>- Lighting Programmer/Designer</li> <li>- Visual Switcher Operator [E2]</li> <li>- Camera Director or / vMix Streaming Operator</li> <li>- Camera Operator</li> </ul>
	<p><b>All Technical Manpower Included</b></p>



## INCLUSIONS – All Included in Special Offers\*

CATEGORY	ITEM	ITEM CODE	TECHNICAL LIST	QUANTITY
AUDIO	Speakers & Amplifiers	Z10	RCF HDL20A Line Array	10 Units
		Z11	RCF Double 18" Subwoofers	4 Units
		Z12	EV ZX5 Stage Monitors [Foldback Speakers]	2 Units
	Microphones	B11	Shure ULXD Wireless Handheld Microphone	4 Units
		B09	Shure MX185 Lapel Microphone with Beltpack	4 Units
		B13	Gooseneck Microphone	2 Units
	Mixers	Z25	Wireless Headsets for Comms team	6 Units
		Z13	Midas M32 Digital Audio Mixer	1 Unit
	Connectors	Z14	Connecting Cables & Accessories	1 Unit
VISUAL	Digital Canvas [LED Wall]	Z01	P2.5mm LED Wall 21m by 4m	1 Unit
	Projectors & Screens	Z02	10K Laser Projectors with 16ft x 9ft Screens	2 Units
	Presenter's Equipment	H01	Laptop comes with MS Office	2 Units
		Z03	65" TV with foldback stand [Comfort Monitor]	3 Units
		Z04	D'San Limitimer [Speaker Timer]	1 Unit
		Z05	D'San PerfectCue Wireless Clicker	1 Unit
		Z07	Barco E2 Multi-Media Broadcast Switcher	1 Unit
	Video Production Equipment	C10	ATEM Mini HDMI Switcher	1 Unit
		Z08	vMix Pro System for Camera Switching and Streaming	1 Unit
		Z09	4 Port LAN Switch for Streaming	1 Unit
	Cameras	Z06	4K Panasonic Camcorder with Tripod Stand	3 Units
	Streaming	-	Via Suntec Singapore's public network	1 connection
	Connectors	Z14	Connecting Cables & Accessories	1 Unit
	Special Effects*	K08	Add-on Smoke Machine	-
		K07	Add- on Haze Machine	-
		-	Add-on Fog Machine	-
		Z43	Add-on Laser Machine	-

\*Special Effects for Engage 1 are add-ons, not included in the special offers.

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CATEGORY	ITEM	ITEM CODE	TECHNICAL LIST	QUANTITY
<b>LIGHTING</b>	Theatrical Lighting	Z16	Liro aura Wash	8 Units
		Z17	GTD LMZ 1537	4 Units
		Z18	Liro 400 BSW	4 Units
		Z19	RGB LED ParCan Lights	6 Units
	Audience Blinder	Z21	Molefay 4 Cell Blinder	6 Units
	Lighting Control	A04	Avolites Quartz Lighting Console	1 Unit
	Audience Blinder	Z23	Connecting Cables & Accessories	1 Unit
<b>ENGAGE EXPERTS</b>	Technical Manpower	Z27	Client Liaison	1 Personnel
		M04	Sound Engineer [A1]	1 Personnel
		M05	Sound Assistant [A2]	1 Personnel
		M06	Lighting Programmer/Designer	1 Personnel
		M11	Visual Switcher Operator	1 Personnel
		M08	Camera Operator	2 Personnel
		M09	Camera Director or / vMix Streaming Operator	1 Personnel

Engage Theatre services and technical support  
are brought to you exclusively by  
**Suntec Singapore**  
in collaboration with  
**Unearthed Productions**