

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

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Version: 22072204 | Page 1 of 5

FRONT-OF-HOUSE	BACKSTAGE
<p>ENGAGE 2 HALL 3,890 sqm with 7.8m ceiling height</p> <p>FLEXIBLE SEATING / LAYOUTS 3,767 guests - Theatre Seating 1,372 guests - Cluster Seating 2,099 guests - Classroom Seating 1,360 guests - Banquet Seating</p> <p>STAGE The main stage dimensions are 64ft (L) x 16ft(W) x 4 ft (H). Step rises are placed at either side of the stage</p> <p>FURNITURE & LINEN Conference furniture and table linen are included. Add-on chair covers may be ordered when required.</p> <p>REGISTRATION COUNTERS 2 Registration Counters at the entrance to the Engage Theatre are included.</p> <p>TOUCHPOINTS 2 Touchpoints at the entrance to the Engage Theatre are included.</p> <p>CARPETING Dark grey axminster plush carpeting is installed across the entire Engage theatre.</p> <p>COMPLIMENTARY HIGH-SPEED WIFI The high-speed Wi-Fi network is provided complimentary, across the entire Centre.</p> <p>UTILITY PIT & TRENCH SYSTEM In-floor trenches are provided, across the hall, for all utilities.</p> <p>GENERAL CLEANING & HYGIENE Our housekeeping team ensures all cleaning and hygiene checks are conducted periodically.</p> <p>AIR CONDITIONING 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>GREEN ROOMS 2 green rooms of size 5m x 2.5m x 2.4m each, are 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: - Dressing table with lights and mirror - Standing mirror with lights - 24" monitor for video relay - Clothes rail - Mini fridge provisioned with Suntec bottled water - Sofas [2-seater and single-seater] - Glass coffee table - 4-gang extension - Floor standing lamp - Floor standing fan - Floor rug - Standing clothing steamer</p> <p>LOADING BAYS & FREIGHT DOORS 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>FREIGHT ELEVATORS 3 freight elevators are available to access the halls.</p> <p>TRUSS & DRAPES 86m of stage trusses, 32 chain hoists and 60m of fire-retardant black drapes (for console and back of house segregation) are included.</p> <p>POWER SUPPLY 230 Volt single phase, 50 Hz. Electricity supply from all pre-installed audio-visual & lighting [AVL] equipment in the Engage Theatres is included.</p> <p style="text-align: center;">All-Inclusive, Plug-and-Play</p>

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AUDIO	LIGHTING
<p>SPEAKERS Full range speaker audio setup consisting of 20 rigged line array speakers coupled with 8 subs, 6 monitors and 4 front fills. Performers may bring in their own mixer and engineer to hook up to our system.</p> <p>MICROPHONES & MICROPHONE STANDS An assortment of Shure handheld, headworn with belt packs and gooseneck microphones are available. Capable of delivering crystal-clear sound without any external frequency interruption.</p> <p>WIRELESS HEADSETS 6 headsets with belt pack for live communication between the production team.</p> <p>MIXERS Yamaha QL5 audio mixing console has 32-channels capable of controlling the audio system throughout the halls including microphones. It also controls the L-Acoustic A-series audio setup hung throughout the halls – perfect for conferences, meetings or concerts. Artists/performers can bring in their own musical instruments to connect with our system.</p>	<p>STAGE LIGHTING 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>IMMERSIVE HALL LIGHTING More than 200 LED moving heads installed across the entire ceiling. Centrally controlled by Avolite D9 lighting console allowing for a full range of customisation.</p> <p>CAMERAS 3 units of 4K Panasonic cameras strategically placed to capture walk-in, audience shots and stage shots. (Recordings are uploaded online, excludes SD cards).</p> <p>STREAMING Streaming via the Centre’s public network is included (bandwidth strength dependent on Centre-wide usage density). Shared high speed connection available for clients with high-capacity streaming needs.</p> <p>SPECIAL EFFECTS Smoke machines, haze machines and laser machines are included</p>
VISUAL	ENGAGE EXPERTS
<p>DIGITAL CANVAS 45m x 5m LED wall [Pitch2.5mm] equipped with Novastar H9 processors and a backup system for high reliability. Live camera feed is only recommended at the further ends on the LED wall due to the proximity between the LED and presenter on stage. Please note there will be a 6-8 millisecond delay between audio and live feed. This delay is within the industry standards.</p> <p>PROJECTORS & SCREENS 4 sets of Panasonic 21K DLP Projector with Flybar with 4 sets of 20ft x 11ft projector screens for feed around the sides and back of the halls.</p> <p>PRESENTER EQUIPMENT Laptops with Microsoft Office provided with 6 sets of 55” comfort monitor with foldback stands and D’San PerfectCue wireless clicker.</p> <p>SWITCHER E2 Barco seamless switcher that controls all the visual feeds within the hall including video and projections.</p>	<p>TECHNICAL MANPOWER All required engage experts are included:</p> <ul style="list-style-type: none"> - Client Liaison - Sound Engineer [A1] - Sound Assistant [A2] - Lighting Programmer/Designer - Visual Switcher Operator [E2] - Millumin Video Playback Operator - Camera Director - 2 x Camera Operator <div style="text-align: center; background-color: #4a4a9a; color: white; padding: 20px; margin-top: 20px;"> <p><i>All Technical Manpower Included</i></p> </div>

INCLUSIONS – All Included in Special Offers

CATEGORY	ITEM	ITEM CODE	TECHNICAL LIST	QUANTITY
AUDIO	Speakers & Amplifiers	Z37	L-Acoustics A15 Wide Speakers	12 Units
		Z38	L-Acoustics A15 Focus Speakers	12 Units
		Z39	L-Acoustics KS21 Subwoofer	12 Units
		Z12	L-Acoustics X12 Side Fill / Stage Monitors	10 Units
	Microphones	B11	Shure ULXD Handheld Wireless Microphone	4 Units
		B09	DPA 4488 Headset Microphone with Shure Beltpack	4 Units
		Z36	Shure UA874WB Wireless Antenna Fin	2 Units
		B13	Sennheiser ME36 Gooseneck Microphone	2 Units
	Mixers	Z25	Wireless Headsets for Comms team	6 Units
		B04	Yamaha QL5 Audio Mixing Console	1 Unit
Connectors	Z14	Connecting Cables & Accessories	1 Unit	
VISUAL	Digital Canvas [LED Wall]	Z28	P2.5mm LED Wall [45 Metres x 5 Metres]	1 Unit
	Projectors & Screens	Z29	20ft x 11ft Projection Screen [Rigged]	4 Units
		Z30	Panasonic 21K DLP Projector with Flybar	4 Units
	Presenter's Equipment	C03	55" Foldback TV [Comfort Monitor]	6 Units
		H01	Playback Laptop with MS Office	3 Units
		Z05	D'San PerfectCue Wireless Clicker	1 Unit
	Video Production Equipment	C13	E2 Barco Seamless Switcher	2 Units
		-	Mac Studio with Millumin [Video Playback]	2 Units
		Z32	Fibre Optic Transmitter & Receiver	10 Units
		Z34	Blackmagic Hyperdeck Recorder	1 Unit
		C10	ATEM Extreme HDMI Switcher	1 Unit
	Cameras	Z06	4K Panasonic Camera with Tripod Stand	3 Units
		-	Via Suntec Singapore's public network	1 Connection
	Streaming	Z14	Connecting Cables & Accessories	1 Unit
	Connectors	K08	Smoke Machine	2 Units
	Special Effects	K07	Haze Machine	2 Units
Z43		Laser Machine	4 Units	
-		DMX Splitter	7 Units	

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CATEGORY	ITEM	ITEM CODE	TECHNICAL LIST	QUANTITY
LIGHTING	Theatrical Lighting	Z17	GTD LMZ 1537	8 Units
		-	GTD 380n Beam	16 Units
		Z18	Liro BSW 400	16 Units
		A06	Moving Heads Beam/Spot/Wash [Mixed]	200 Units
	Audience Blinder	Z21	Molefay 4 Cell Blinder	16 Units
	Strobe Lighting	Z40	Atomic LED Strobe Lights	8 Units
	Lighting Control	Z42	Avolite D9 Lighting Console	1 Unit
Connectors	Z14	Connecting Cables & Accessories	1 Unit	
ENGAGE EXPERTS	Technical Manpower	-	Client Liaison	1 Personnel
		M01	Sound Engineer [A1]	1 Personnel
		M02	Sound Assistant [A2]	1 Personnel
		M03	Lighting Programmer/Designer	1 Personnel
		-	Visual Switcher Operator [E2]	1 Personnel
		-	Millumin Video Playback Operator	1 Personnel
		M06	Camera Operator	2 Personnel
M07	Camera Director	1 Personnel		

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

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Version: 22072204 | Page 5 of 5