

# Technical Specification (Studio Theatre)

## TECHNICAL INFORMATION

### **STUDIO THEATRE**

#### SEATING CONFIGURATION

The standard seating provides 200 seats on a retractable automated system. Retracting or adding number of seats is subject to venue management's discretionary approval. All related costs of reconfiguration from standard seating will be borne by the venue hirer.

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\*End-thrust mode

Standard Seating: 200

Max Seating: 220

#### STAGE SPECIFICATIONS

Floor composition: 6mm moisture resistant MDF over 2 layers of 18mm plywood and 50mm semi sprung battens

Performance Area (Standard Seating): 12.8m(W) x 6.5m(H) x 10.5m(D)

Stage maximum laden weight load: 7kN/m<sup>2</sup>

Stage Floor to Beam: 6.65m(H)

Stage Floor to Lighting Pipe: 7.7m(H)

#### ELECTRICAL SPECIFICATIONS

Local Electrical Power Supply: 400 volts, 3 phase, 50 Hz & 230 volts, Single phase, 50 Hz

Available Power Output @ Stage Right: 32amp, 63amp & 125amp 3 phase

Available Power Output @ Stage Right:

General Usage: 3 x 63amp & 1 x 125amp 3 phase

Sound Usage (Technical Earth Power): 1 x 63amp 3 phase | 1 x 32amp & 1 x 63amp Single phase

Available Power Output @ Grid:

General Usage: 1 x 16amp, 1x 32amp & 1 x 63amp 3 phase

Dimmable Output: 3kw Strand EC21 Dimmer Modules

Non Dimmable Output: 3kw Strand EC21 Non-Dimming Modules

## TECHNICAL INFORMATION

### **STUDIO THEATRE**

#### STAGE MANAGER'S DESK

Equipped with intercom, backstage & FOH paging system and video monitor selector.

#### INTERCOM SYSTEM

Wired Clear-Com Intercom system that links stage manager's desk, side stage, control area, along with wireless Clear-Com Intercom system.

#### DRESSING ROOM SPECIFICATIONS

Each dressing room is equipped with:

Audio & video stage relay systems

Paging system (from Stage Manager's desk @ Mezzanine Control Area)

Shower facilities, washrooms & tabletops with mirrors and vanity bulbs.

Access to the dressing rooms is via backstage only.

Common male & female toilets can also be found along dressing room corridor.

No. of Dressing Rooms: 2

#### LOADING BAY

The loading bay can be accessed from Kirk Terrace via Prinsep Street.

Loading access to the Drama Theatre is through a passageway door\* to a cargo lift and then through another passageway to the backstage doors.

Loading Access Dimensions:

Entrance to Loading Dock: 8m(W)

Loading Area: 9m(W) x 5m(H)

Elevated Dock: 5m(W) x 1.3m(H)

Passageway Doors: 2.8m(W) x 2.9m (H)\*

Passage Way: 2.2m(W) x 2.9m (H)

Cargo Lift: 2.9m(W) x 2.5m(H) x 3.1m(D)

Maximum Laden Weight Load: 5kN/m<sup>2</sup>

## DEPARTMENTAL INFORMATION

### **STUDIO THEATRE**

At SOTA, we are able to accommodate changes to the house audio, lighting, staging and/or video plots, within reason. However, prior approval must be obtained from either the production coordinator and/or venue manager with plans submitted before production meeting. Expenses related to setting up and reinstating of the venue will be borne by the hirer.

If the production requires equipment and/or instruments outside of SOTA's inventory, the hirer may engage an external contractor to provide them. All charges related to extra equipment will be borne solely by the hirer.

SOTA does not take any responsibility for external contractors' rented equipment operation, malfunction or damage which may occur during usage within the venue. Hirer must have an operator or representative from the external contractor to manage their equipment.

## DEPARTMENTAL INFORMATION

### **STUDIO THEATRE**

#### AUDIO SYSTEM SPECIFICATIONS

A standard pre-rigged, aligned and pre-tuned audio configuration exists.

All expenses related to reinstating the standard rig from any amendments will be borne by the hirer.

<b>Item</b>	<b>Description</b>	<b>QTY</b>
Audio Mixer	Yamaha CL 5 with Yamaha Rio 3224-D <ul style="list-style-type: none"> <li>- 40 mono, 8 stereo inputs</li> <li>- 24 mix out, 8 matrices</li> </ul>	01
FOH Loudspeakers	Main PA(L/R): Yamaha DZR D12 Subwoofers: Yamaha DXS XLF 18 Front Fill: Yamaha DZR D10	04 02 02
CD Playback	Denon DN4500	01
CD Recorder	Tascam SSCDR200 (USB thumbdrive available)	01

#### AUDIO INVENTORY

<b>Item</b>	<b>Description</b>	<b>QTY</b>
Wireless Mic System	SHURE UR4D+ Wireless Receivers*	08
Handheld Transmitters	SHURE UR2 Handheld Transmitter w/ SM58 Capsule	08
Bodypack Transmitters	SHURE UR1 Bodypack Transmitter	08
Wireless Lavalier Mics	SHURE WL184 Lavalier	04

*\*Please note that any combination of up to 08 wireless mics may be used at any one time.*

## DEPARTMENTAL INFORMATION

### VENUE WIDE INVENTORY

All items from the venue wide inventory are subject to availability.

Charges may apply to certain items.

Prior arrangement and confirmation is required.

### AUDIO

<b>Item</b>	<b>Description</b>	<b>QTY</b>
Countryman E6	Wireless Earset Mic	12
Countryman B3	Lavalier Mic	06
Shure SM58	Dynamic Vocal Microphone	15
Shure SM 58 S	ON/OFF Switch	05
Shure SM57	Dynamic Instrument Microphone	12
Shure Beta 98D/S	General Instrument Microphone	10
Shure Beta52	Dynamic LF Microphone	02
Shure SM81	Condenser Microphone	10
Shure UR3	Microphone Plug-on Transmitter	06
Sennheiser MD-421	Dynamic General Microphone	04
Sennheiser E608	Dynamic Microphone (for Saxophone)	02
AKG C414	Condenser Microphone	08
AKG C451-B	Condenser Microphone	02
AKG C411 PP	Contact Mic	10
Neumann KM 184 MT	Condenser Microphone	08
Crown PCC-160	Boundary Microphone	06
Audio Technica ATU857Q	Lectern Microphone	04
Audio Technica ATU857QL	Lectern Microphone (Long)	01
Audio Technica AT8615RS	Microphone Desk Stand	05
Yamaha DZR' 12	Monitors	08
Yamaha DZR' 10	Monitors	06
K&M 25600	Telescopic boom arm microphone stand	30

<b>Item</b>	<b>Description</b>	<b>QTY</b>
K&M 259	Low-level telescopic microphone stand	20
K&M 232	Table microphone stand	13
Jamstands	Round Base Mic Stand	06
Ultimate Support	Triangular Mic Stand	06
K&M	Heavy Duty Speaker Stand	04
BSS AR133	Mono DI Box	10
Radial Pro AV2	Stereo DI Box	05
Radial Pro AV1	Mono DI Box	07
DSAN LSP1	Mono Laptop PC Port	03

## DEPARTMENTAL INFORMATION

### **STUDIO THEATRE**

#### LIGHTING SPECIFICATIONS

The venue does not come with any pre-rigged lighting fixtures.

All expenses related to rigging and reinstating the empty rig will be borne by the venue hirer.

<b>Item</b>	<b>Description</b>	<b>QTY</b>
Lighting Console	GrandMA 2 Light Console with 3 universes	01
House Light Control	Strand Integrated Touch Screen Panel	02
Dimmable Output	3kw Strand EC21 Dimmer Modules <ul style="list-style-type: none"> <li>- Stage Level: 30 units</li> <li>- Mezzanine Level: 22 units</li> <li>- Grid Level: 108 units</li> </ul>	160
Non Dimmable Output	3kw Strand EC21 Non-Dimming Modules <ul style="list-style-type: none"> <li>- Stage Level: 06 units</li> <li>- Grid Level: 14 units</li> </ul>	20
Control Protocol	DMX 512	
Connector Form	16amp, CEE17	



## DEPARTMENTAL INFORMATION

### **STUDIO THEATRE**

#### LIGHTING FIXTURES

<b>Description</b>	<b>Total</b>
ETC Source Four 750W Profile 10°	08
ETC Source Four 750w Profile 19°	12
ETC Source Four 750w Profile 26°	12
ETC Source Four 750w Profile 36°	12
ETC Source Four 750w Zoom Profile 15° - 30°	10
Selecon 1.2kw Fresnel with Barndoor	16
Par 64 Pro 1kw Parcan with CP62 lens	30
Selecon Hui 1kw CYC 4-Cells Flood	06
Clay Paky Alpha Wash	05
Clay Paky Alpha Spot	05
Le Maitre Haze Machine	01

## DEPARTMENTAL INFORMATION

### VENUE WIDE INVENTORY

All items from the venue wide inventory are subject to availability.

Charges may apply to certain items.

Prior arrangement and confirmation are required.

### LIGHTING

Item	QTY
Selecon 1.2kW Fresnel with Barndoor	12
ETC Source Four 750w Profile 10°	05
ETC Source Four 750w Profile 19°	04
ETC Source Four 750w Profile 26°	16
ETC Source Four 750w Profile 36°	10
ETC Source Four Lens Tube 50°	14
ETC Source Four Zoom 750w Profiles 15° - 30°	20
ETC Iris	20
ETC Source Four 750w PARnel with Barndoor	24
ETC Source Four Lustr Engine with 25° - 50° Zoom Lens <i>(ONLY interchangeable with CYC lens attachment with Barndoor)</i>	12
ETC Profile Four Lustr Engine with 15° - 50° LED Fresnel Adaptor with Barndoor	20
ETC LED ColorSource CYC	24
Par 64 1kw Parcan with CP62 lens	30
Par 64 1kw Parcan with CP61 lens	30
Selecon Hui 1kw CYC 4-Cells Flood	04
Le Maitre MVS Haze Machine	01
Le Maitre G300 Smoke Machine	02
Gobo Holder A size	20
Gobo Holder B size	20

A wide variety of Apollo Gobos and Lee & Rosco Colour filters are available for selection, subject to availability. Please make prior arrangements. Charges may apply.

## DEPARTMENTAL INFORMATION

### **STUDIO THEATRE**

#### STAGING SPECIFICATIONS

<b>Item</b>	<b>Description</b>	<b>QTY</b>
Hoist System	Rolling Beam & Trolley Unit	18
Rigging	Single Pulleys for Grid or Head Steel Mounting	20
Ropes	20m Rigging Rope	08
	30m Rigging Rope	04
Chain Hoist	Verlinde 250kg w/ 8 Channel Control	06
Perimeter Drapes	8m(W) x 5.8(H)	02
	2.2m(W) x 5.8(H)	08
Curtain Track	Double Rail Curtain Tracks	

## DEPARTMENTAL INFORMATION

### VENUE WIDE INVENTORY

#### STAGING

<b>Item</b>	<b>Description</b>	<b>QTY</b>
Chain Hoist	Chainmaster BGV-D8 500kg	06
Stage Weights	12.5kg	50
Hard Masking Type A	1.3m(W) x 4.5m(H)	04
Hard Masking Type B	1.3m(W) x 2.86m(H)	04
Hard Masking Type C	2m(W) x 2.86m(H)	02
Dance Mat	Dance mat: Lemark 15m (L) x 2m (W) 2.0mm Black semi-cushioned floor mat	12 Rolls

#### TRUSS INVENTORY

<b>Item</b>	<b>QTY</b>
3m Truss	10
2.5m Truss	10
2m Truss	10
1.5m	10
1m	10
0.5m	10
Corner block	10

## DEPARTMENTAL INFORMATION

### **STUDIO THEATRE**

#### VIDEO & PROJECTION SPECIFICATIONS

As part of the default configuration, a pre-rigged & aligned to centre-stage projector exists.

Costs related to rigging and dismantling the screen will be borne by the hirer.

<b>Item</b>	<b>Description</b>	<b>QTY</b>
Projector	Panasonic PT-RZ120 (front throw)	01
Lenses	Projection Zoom Lens, ET-DLE 350 (standard screen)	01
	Projection Zoom Lens, ET-DLE 150 (wide angle)	01
Projection Screen	AV Stumpfl 14ft(W) x 7ft(H) <i>approx. 4.2m(W) x 2.1m(H)</i>	01
Video Playback	Denon DBP 2010 Blu-Ray Player	01

#### VIDEO & PROJECTION INVENTORY

Video Switcher	ATEN 8x8 True 4K HDMI Matrix Switch (VM0808HB) - 08 x HDMI Input - 08 x HDMI Output	01
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