

# Victoria Concert Hall Technical Specifications



9 EMPRESS PLACE #02-01  
SINGAPORE 179556

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## STAGING TECHNICAL SPECIFICATIONS

### CONCERT HALL

Total Seating Capacity	673 seats
Stall Seating Capacity	538 seats
Circle Seating Capacity	135 seats
Wheelchair Space	Stalls Row A1-A4, A20-A23 Stalls Row B1-B4, B21-B24 (8 seats for 4 wheelchairs)

### LOADING AREA (via Victoria Theatre)

The Loading Area is on Empress Place accessed by OLD PARLIAMENT LANE and CONNAUGHT DR. The Theatre's Side Stage Right area is accessed via the Loading Bay

Dock Height from road	1.26m
Loading Bay door Opening	Width 3.4m, Height 4.02m
Loading Door to Theatre Stage Roller Shutter	6.16m
Roller Shutter	Width 3.03m, Height 3.78m
Cargo Lift (Shared)	
Height	2.2m
Width	2m
Depth	3.1m
SWL	4,000kg

### STAGE SPECIFICATIONS

#### **Floor**

Parquet floor	
Loading of Stage Floor	7.5kN/m <sup>2</sup>

#### **Main Stage**

Main Performance Area	19.08m (width) by 9.56m (depth)
Height of Apron	0.96m

#### **Depth from Downstage edge (Setting Line) to:**

Rear Stage wall	9.56m
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#### **Width from Centre line to:**

Stage Left Door (PS)	9.64m
Stage Right Door (OP)	9.45m

### STAGE RISER SPECIFICATIONS

- Default riser set-up. (Please see attached plan)
- Stage riser layout can be modified to Hirer's need.
- Extra man hour and manpower are needed to make the modification.
- All cost incurred to modify and reset to default layout, will be borne by hirer.

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## **RIGGING SPECIFICATIONS**

### **Operation**

Control

Stage Technologies  
(MMP – Mobile Maintenance  
Panel)

Location

Control Panel Point @ DS  
(OP/PS)

### **Fly Linesets**

Quantity

6 –Electric (Lx) Protrac bars

Bar Length

LX 1 ~ 5 are 13.85m long

Lx 6 is 11m long

50mm (diameter)

Maximum Capacity

420kg (UDL)

330kg (UDL) Lx bar 6

Speed

Fixed speed - 0.095m/sec

Maximum Fly bar Height

10m

Quantity

4 - Acoustic reflector bars

Dimension

14m (Length)

60mm (diameter)

Maximum Capacity

420kg (UDL)

Speed

Single speed 0.095m/sec

Maximum Fly bar Height

10m

***All overhead elements must be rigged with rated equipment and fitted and installed by qualified personnel. Rigging Certificate must be presented to Victoria Theatre Management prior to rigging work commencing.***

### **Chain Hoist**

Quantity

4 – Chain Master Hoist

Maximum Capacity

1000kg

Speed

Single Fixed Speed

## **PLATFORM LADDER**

Aluminium Step Ladder with Platform

1 unit of INDALEX PROP9/6

Maximum Height / Platform Height

2.7 m / 1.8 m

## **WORK PLATFORMS**

Electricity operated one-man elevated working platform

1 unit of Genie 30s

Maximum height

9.41m (Platform height)

## CONCERT HALL LIGHTING TECHNICAL SPECIFICATIONS

### **PRODUCTION LIGHTING**

Upgrades and other design changes may alter venue specifications over time. This information is subject to change, without notice. Hirers are urged to ensure they are in possession of the most recent documentation. Specific requirements must be verified on a show-by-show basis

### **EQUIPMENT SET UP & OPERATION**

All in-house equipment will be operated by Victoria Concert Hall staff, Concessions to this practice may be granted, under special circumstances, through prior consultation. All hired equipment will be setup under the direction of visiting personal but may be operated by either party.

### **ELECTRICAL SAFETY**

All electrical equipment, brought on site, is expected to conform to local codes, be of good quality and good repair. Suspect equipment may be subjected to an Electrical Safety Test and the Victoria Concert Hall reserves the right to disallow its use

### **POWER SUPPLY**

Local Power Supply 50 Hz	220 - 240 volt, single phase,
Standard stage fixture connector General Power Outlet (GPO)	16A Ceeform CEE17 13A UK type
Additional Power 32A,	125A split to 2 x 63A & 2 x  (all 4P+E)

### **DATA DISTRIBUTION**

Interface	DMX 512A
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### **CONSOLE**

Computerized Lighting Control	Grand MA 2 UltraLite
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### **HOUSE & WORK LIGHTS**

ETC Paradigm

### **DIMMERS**

MA Lighting dimMA

# Victoria Concert Hall Technical Specifications

## **BASIC RIG**

A basic pre focused orchestra rig exists. Any change is subject to prior agreement and possible charges for restoration. Please peruse the standard rig plan which consists of:

Profile/ Leko	ETC Source 4 fixed spot, 750w 14°	2
	ETC Source 4 fixed spot, 750w 19°	2
	ETC Source 4 fixed spot, 750w 26°	1
	Robert Juliat 611 11° to 26° 1Kw zoom	10
PAR	ETC Source 4 Par MFL	51
Fresnels	Robert Juliat 310HF 1.2w Fresnel, with Barndoors	4
Moving Fixtures	*Martin Mac 700 Profile	4
	*Martin Mac 700 Wash	4
	*Martin Mac TW1	4
	*Varilite VL1100 TID (without gobos)	5

## **Spare fixtures available**

Profile/ Leko	ETC Source 4 fixed spot, 750w 14°	4
	ETC Source 4 fixed spot, 750w 19°	4
	ETC Source 4 fixed spot, 750w 26°	5
	ETC Source 4 fixed spot, 750w 36°	4
	Robert Juliat 611 11° to 26° 1Kw zoom	2
Fresnels	Robert Juliat 310HF 1.2w Fresnel, with Barndoors	5

## **MOVING LIGHT CHARGES**

***\*\$15.00 daily charge per Martin mac700 or \$75.00 weekly charge per Martin Mac700***

***\*Charge applicable only when fixtures are used***

***\*Martin TW1s & VL1100s are not chargeable***

## **SUPPLIED ACCESSORIES**

Iris for ETC Fixed Spot	8
B size Gobo Holder	8

Please take note:

1. Usage of spare fixtures will be subject to additional set up cost and time. Please discuss during the production meeting
2. Moving lights have fans inbuilt for cooling. These have a slight noise that may not be ideal for your performance. Please discuss during the production meeting.

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VT LIGHTING COLOUR LIST					
Rosco	02	BASTARD AMBER	Rosco	114	HAMBURG FROST
Rosco	04	MEDIUM BASTARD AMBER	Rosco	119	LIGHT HAMBURG FROST
Rosco	07	PALE YELLOW	Rosco	132	QUARTER HAMBURG FROST
Rosco	21	GOLDEN AMBER	Rosco	305	ROSE GOLD
Rosco	26	LIGHT RED	Rosco	318	MAYAN SUN
Rosco	67	LIGHT SKY BLUE	Rosco	339	BROADWAY PINK
Rosco	78	TRUDY BLUE	Rosco	363	AQUAMARINE
		<b>LEE EQUIVALENT</b>			<b>LEE EQUIVALENT</b>
Rosco	02	Lee 162	Rosco	67	Lee 352
Rosco	04	Lee 004	Rosco	78	Lee 366
Rosco	07	Lee 007	Rosco	305	Lee 151
Rosco	21	Lee 021	Rosco	318	Lee 008
Rosco	26	Lee 26/106	Rosco	339	Lee 128
Lee	009	PALE AMBER GOLD	Lee	143	PALE NAVY BLUE
Lee	013	STRAW TINT	Lee	147	APRICOT
Lee	020	MEDIUM AMBER	Lee	161	SLATE BLUE
Lee	036	MEDIUM PINK	Lee	174	DARK STEEL BLUE
Lee	048	ROSE PURPLE	Lee	181	CONGO BLUE
Lee	058	LAVENDER	Lee	200	DOUBLE C.T BLUE
Lee	061	MIST BLUE	Lee	201	FULL C.T BLUE
Lee	068	SKY BLUE	Lee	202	HALF C.T BLUE
Lee	071	TOKYO BLUE	Lee	203	QUATER C.T BLUE
Lee	079	JUST BLUE	Lee	204	FULL C.T. ORANGE
Lee	104	DEEP AMBER	Lee	205	HALF C.T. ORANGE
Lee	105	ORANGE	Lee	228	BRUSHED SILK
Lee	106	PRIMARY RED	Lee	232	SUPER CORRECTION W.F GREEN
Lee	120	DEEP BLUE	Lee	281	THREE QUARTER C.T. BLUE
Lee	124	DARK GREEN	Lee	363	SPECIAL MEDIUM BLUE
Lee	126	MAUVE	Lee	442	HALF C.T. STRAW
Lee	132	MEDIUM BLUE	Lee	443	QUARTER C.T. STRAW
Lee	134	GOLDEN AMBER	Lee	728	STEEL GREEN
Lee	136	PALE LAVENDER			

## VICTORIA CONCERT HALL SOUND TECHNICAL SPECIFICATIONS

### System & Inventory List

#### MIXING POSITION

1. Stage Manager's Desk (SMD) at Stage Right – For simple playback and Emcee microphone operations.
2. Front of House mixing position is situated rear of audience stall seating – For enhanced mode performances in the Victoria Concert Hall.

#### MIXING CONSOLE

Digital Live Mixing Console	
Allen & Heath IDR-8 (SMD)	01
with PL-6 Fader Plate (SMD)	01
Digico SD9 (FOH)	01

#### PLAYBACK

Tascam CD-500B (SMD)	02
Tascam CD-500B (Playback Rack – FOH)	02

***\*If CD or Laptop Playback is extensively utilized for performance or cues, hirer should provide their own Playback Operator. Technical crew may be called in to operate this task and is additional manpower to the show call. A detailed and accurate cue sheet should be provided along with a script or run-down. Please see attached Cue Sheet for Referral or Usage.***

#### STANDARD RIG

A standard sound rig exists.

All expenses related to varying, removing and restoring the House Rig are to be borne by the user.

Flown Array Left and Right	03 X d&b Q1
Flown Array Left and Right	01 X d&b Q7
Front Fills	08 X d&b 4S
Delay speakers	06 X d&b E5

#### MICROPHONES & MIC STANDS

Although Victoria Concert Hall provides a standard quantity of microphones and transducers, additional units may be requested subject to availability as they are shared among venues. The hirer should bring in any microphone that cannot be catered for.

# Victoria Concert Hall Technical Specifications

## Dynamic Microphones

Sennheiser MD421	04
Shure SM58	04
Shure SM57	06
Shure Beta 52A	01

## Condenser Microphones

Audio Technica AT8668	02
Audio Technica U857Q	02
AKG C414 XL II	04
Neumann KM184	04
Shure Beta 87A	04
Shure Beta 98H	04
Shure KSM9	06
Schoeps MK4	04
Schoeps MK41	04

## Direct Injection Box

BSS AR-133	02
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## SHURE UR4D RF SYSTEM

### **Frequency Range**

Shure L3E 638 – 698 MHz	
Shure UR4D Receivers (SMD)	02 channels
Shure UR2/KSM9B Handheld Transmitters (SMD)	02
Shure UR4D Receivers	12 channels
Shure UR2/KSM9B Handheld Transmitters	04
Shure UR1M Bodypack Transmitters	10
Countryman WCE6 Omnidirectional Earset Microphones	10

***\*Only Duracell Batteries are specified for use with the Shure Wireless System***

***\*Only 3M Transpore, Blenderm and Leukoplast surgical tape are allowed for use with the wireless microphones***

***\*Charges for head-worn or ear/head-set Microphones are as follows***

- \$45.00 daily rate (up to 3 days)
- \$135.00 weekly rate

## EXTERNAL WIRELESS SYSTEMS

***\* Do consult Technical Production where additional hired RF units are required as these should not conflict with the ones provided by the Victoria Concert Hall.***

***\*Where external RF systems are brought in, hirers are to provide an RF operator.***

## DISTRIBUTION & OTHER FEATURES



# Victoria Concert Hall Technical Specifications

## **COMMUNICATIONS**

Stage Manager's Desk (Stage Right)

Production Video Monitor  
Cue Light Master Station  
Paging System  
Intercom Master

Cue Lights and Accessories

Up to 04 discreet Out Station Units

Intercom and Accessories

Clearcom System  
Ring Intercom Beltpacks  
Heavy-duty single ear headsets  
Lightweight single ear headsets  
Speaker Stations

***\* All Essential Sound, Lighting, Fly and Followspot operators are provided with Intercom Sets.***

## **PAGING AND RELAY**

Paging System

Paging System for Dressing Rooms and Corridors

Audio Show Relay

Show Relay is routed to dressing rooms and Corridors

***\*The provision of conductor cameras is subject to availability as they are part of a shared inventory among venues.***

# Victoria Concert Hall Technical Specifications

Show Title: \_\_\_\_\_

Cue No.	Cue	Track No.	Notes
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# Victoria Concert Hall Technical Specifications

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## **DRESSING ROOMS**

Level 1M	Male Changing Room 1 Male Changing Room 2 Female Changing Room	Up to 30 pax Up to 30 pax Up to 30 pax
Level 2 (Stage Level)	Conductor Dressing Room Salon 1	1 pax 2 pax
Level 2M	Salon 2 Salon 3 Green Room	2 pax 4 pax