

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)

STUDIO

STUDIO SEATING CAPACITY: 346 (maximum)

Stalls (Level 2)

- fixed seats 235
- retractable seats 111

Total: 346

Wheelchair Space available in front of Row A

Control for Sound is situated at the audience cockpit

Control for Communications and Video are situated at the backstage

Control Rooms for Lighting situated on Level 3

Refer to Studio Seating Plan for details

STUDIO ACOUSTICS

Reverberation Time is between 1.0 – 1.6 seconds (unoccupied) and 1.0 – 1.3 seconds (occupied). Noise Criterion (NC) is 25.

LOADING/UNLOADING (shared with THEATRE and LAB)

Access from street level via Woodlands Drive 91 / Republic Crescent to the TRCC Loading Bay.

- Dock Leveller is provided measuring 1.80m x 2.50m x 0.85m (dock height)
- Loading Bay driveway entrance clearance height – 4.50m
- Loading Bay to loading platform roller shutter – W 5.40m x H 4.50m
- Loading Door to Stage – W 3.00m x H 4.00m
- Cargo Lift (max. 3000kg) for access to Level 2 and Level 3 facilities
- Cargo Lift dimensions – W 3.00m x D 2.20m x H 2.70m.

STAGE FACILITIES

Flying Systems

Comprises a combination of:

- a) 2 sets motorised flying Linesets for lighting fixtures at 1.6m apart, each measuring L 9.00m x 50mm “H” pipes with a spread load of 500kg
- b) 1 set motorised Projection Screen 5m (W) x 3m (H) fixed position at the rear stage

All Flying battens & bars are fixed and cannot be changed.

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)**STAGE SPECIFICATIONS**

Semi-circular maple timber sprung flooring of the following dimensions:

<u>Flat Floor Stage Opening</u>	<u>Measurement in metres</u>
Width (DS)	17.63
Width (US)	7.13
Edge of stage to rear wall	6.28
Edge of stage to projection screen	5.98
Edge of bleacher to rear wall (retracted)	13.36
Edge of bleacher to projection screen (retracted)	13.06
Height – stage level to tip of:	
Ceiling (sloped)	10 ~ 11.20

Refer to Studio Stage Plan for details

Rigging Access Equipment

01 x Genie AWP-25S Aerial Work Platform (9.6m working height, platform height 7.6m)

- Operator must have valid MEWP certification

Portable Ladders will be available

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)

LIGHTING SYSTEM

Console

- 1) GrandMA 3 Compact XT c/w 4096 Control Channels, fully patchable to 6 DMX output and 1 DMX input via 5-pin XLR and EtherCON/RJ45
- 2) Zero88 ORB Lighting Console c/w 2048 Control Channels, fully patchable to 4 DMX Universes. Output via 5 Pin XLR and Ethernet

Racks and Dimmers

01 x 72 Channel Rack, dual CEM complete with 24 dual 5kw dimmer modules, 4 dual 5kw Relays and 2 dual 5kw non-dim modules for UPS, each equipped with individual RCD protection.

All lighting receptacles are 16A CEE17 throughout

House Light System

5 stage dimming module for in-house ceiling lighting

Additional Power

08 x Floor CCTI 16A, and domestic 3-pin 13A 240V switched socket outlets are available at various locations on and around stage area.

2 x 32 Amps 3 phase power available at backstage area.

Approval from TRCC management must be sought before any of hirer's own electrical equipment is attached to, or used in conjunction with TRCC's own electrical fittings.

**note: Singapore power is 400 volts 3 phase, and 230 volts single phase 50 Hz.*

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)**LIGHTING INVENTORY****Studio House Rig (*subject to additional rental charges):****FOH:**

<u>FOH:</u>	<u>(W)</u>	<u>Qty</u>
19° ETC Source 4 Profile Spot	750W	09
14° ETC Source 4 Profile Spot	750W	08

<u>Overhead:</u>	<u>(W)</u>	<u>Qty</u>
ETC Source 4 Parnel	750W	06
50° ETC Source 4 Profile Spot	750W	08
ROBE Robin 300X LedWash	200W	12
*ROBE CMY Viva	500W	08

Side Booms (1 pair):

26° ETC Source 4 Profile Spot	750W	04
PAR64 Parcans	1000W	12

Additional Lighting Inventory (*subject to additional rental charges):**Consoles**

*Avolites Tiger Touch Lighting Console	-	01
----------------------------------------	---	----

Fixtures

*Robert Juliat Super Korrigan HMI Followspot	1200W	02
*Varilite VL3000Q Moving Lights	1200W	06
*Clay Paky Alpha 300 Beam Moving Lights	300W	10
ETC Source 4 Parnel	750W	25
ETC Source 4 Profile Spot	750W	40

Misc Accessories

ETC Source 4 Parnel Top Hat	-	1 lot
ETC Source 4 Profile Spot Drop-in Iris	-	1 lot
ETC Source 4 Gobo Holder "B" Size	-	1 lot
"B" Size Standard Gobos	-	1 lot
Martin JEM Hazer Pro	-	02
Martin JEM ZR-35 Fog Machine	-	02

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)**SOUND SYSTEM****House Console**

Yamaha M7CL-48 Digital Live Sound Mixing Console comes with FOH & Stage Racks for 48 channel inputs & 16 channel outputs, on-board EQ, dynamics and complete suite of DSP plug-ins.

Sound Reinforcement Systems

ITEM	QTY
-------------	------------

Main Left & Right Loudspeaker System

CODA Audio Ultra Compact Line Array System, per cluster consist of:

CODA Audio LA4A dual 5" with 4" waveguide	04
CODA Audio LA4 15" subwoofer	02

Fixed and Stage Portable Foldback and Monitors Loudspeakers

NEXO PS10 Loudspeakers	1 lot
------------------------	-------

Power Amplifiers to power the Loudspeakers System

CODA Audio DSC260N DSP Controller	1 lot
Camco Vortex 6 Power Amplifiers	1 lot
Yamaha Power Amplifiers Model PC 9500N and PC4800N with NEXO controllers	1 lot

Playback Equipment

Denon DND-6000 Dual CD Player	01
Tascam CD-RW 2000 CD Recorder	01

Wireless Microphones – Installed (*subject to additional rental charges):

ITEM	TYPE	QTY
Shure UHF-R Wireless Set*	Handheld (Beta87A) or Headset (WBH53) <i>(first 4 pieces are free of charge)</i>	04

Wired Microphones (subject to additional rental charges)

An assortment of microphones - Shure, AKG, Neumann, Sennheiser, etc. and direct injection (DI) boxes are also available.

Refer to additional Equipment Rental Rates

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)

COMMUNICATIONS SYSTEM

ClearCom MS-812A Analog Partyline Production Intercom with connection to Sound Control, Lighting Control, Follow-spots, FOH Gallery, Stage Left & Right and other technical locations.

Stage Manager's Desk

A Stage Manager's work desk is available backstage

Production Desk (Director's)

A portable Director's work desk is available.

Production Communications System

Clear-Com MS-812A Analog Partyline Production Intercom Master Station (Wired)

Headsets and Beltpacks

Clear-Com RS-602 dual channel wired beltpack comes with single muff headset

Paging System

Yamaha Programmable Paging System for backstage, dressing rooms & all operation areas, corridors, passages ways, etc.

Audio Show Relay

Sound from the performance is routed to dressing rooms, passages, etc.

Foyers Chime

To alert patrons that it is about time to open the performance, amplified chimes signals are relayed to the loudspeakers in the foyers before the opening and intermission.

Late-Comers Video Show Relay

For late-comers, live video and audio signals are relayed to 42" LCD TV located at the stall and circle foyers.

Production CCTV

To assist production, Panasonic colour cum infrared (night-vision) cameras are used to capture the production and relay the signals to 7" LCD at the Director's desk and various technical locations with 15" LCD TV.

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)**PROJECTION SYSTEM (subject to additional rental charges)****Front Projection**

Panasonic PT-DS100X 3 Chip DLP Projector with ET-D75LE30 / 2.6 – 5.1 Long-Throw Zoom lens & complete with A/V Switcher, Converter, Audio Monitors and LCD VDUs.

- 01 set of Motorised Front Projection Screen complete with frame, Dimension 5m (W) x 3.2m (H)

Playback Decks

01 x Pioneer DVD Player

02 x VGA (15-pin D-Sub) for Computer

01 x RGBHV (5-BNC) for Video Devices

01 x HDMI for Computer and Media Players

ADDITIONAL EQUIPMENT (*subject to additional rental charges)

Item Description	Qty
*Stage Risers with skirting (black) - 8 ft (W) x 4 ft (D) x 16" or 24" (H) adjustable	24
Republic Polytechnic Rostrum	02
*Wenger Orchestra Chair	80
*Wenger Music Stand	80
*Wenger High Stool	5
*Dance Mat (Black)	1 set
*Grand Piano - Kawai SK7	1
*Baby Grand Piano - Yamaha DC2A with Disklavier	1
*Upright Piano - Yamaha U5	1

THE REPUBLIC CULTURAL CENTRE – TECHNICAL FACILITIES (STUDIO)

DRESSING ROOMS

Dressing rooms fitted with paging loudspeaker, dressing full length and table with mirrors lights, washbasins, costume racks and pin boards.

Level 2

Ladies and Gents Toilets with hot/cold showers

2 Group Dressing Rooms for 5 – 8pax

2 Dressing Rooms for 2 – 4pax

1 Handicap Toilet

1 Green Room with attached Pantry

Other Supporting Facilities (subject to additional rental charges)

1 VIP Reception Room

1 VIP Holding Room

6 Practice Rooms

1 Art Studio

1 Conference Room

2 Dance Studio

Note:

All inventory subject to availability. Kindly contact TRCC Production Department for additional information.

Full list of additional equipment available upon request.

In our efforts to serve you better, we would like to have your production requirements at the earliest possible time, preferably two weeks before your presentation. They are important to us as we would like to make it happen. Otherwise, depending on the availability of facilities, we will allot our usual basic to cater for your needs.

The above information is correct as of 27 Jan 2021 and is subject to changes without prior notice.