



Performing Arts
Division –
Technical Support
Unit

Hong Kong City Hall

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GENERAL SET-UP

Theatre operates on a 'bare-walls' touring policy. That is, all equipment is normally set-up and struck within the booking period. Hires are reminded to allow sufficient preparation time to hang theatre masking, rig all overhead stage lighting and set up sound system. Check with our Technical Manager for any other equipment and technical enquiry.

Hong Kong City Hall – Theatre

FULL Technical Information

V. 2023.08.16

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Hong Kong City Hall Theatre, is designed primarily for stage presentations with or without orchestra and acoustically best suited for the spoken voice, but it is also used frequently for chamber music recitals and cinema shows.

DIRECTIONS

MTR:

Tsuen Wan Line or Island Line, Central Station, Exit K
Airport Express or Tung Chung Line, Hong Kong Station, Exit A

Freeway (From W to E):

Connaught Road Central →
Edinburgh place (turn left on
City Hall Wilson Car Park)

Freeway (From E to W):

Connaught Road Central →
Connaught Road Place (turn
right on Jardine House) →
Connaught Road Central →
Edinburgh place (turn left on
City Hall Wilson Car Park)



LOADING

Rolling gate at stage right:
2.80 x 3.60m (W x H)

Loading dock height: 1.20m

STAGE ENTRANCE

Backstage entrance

PARKING

Permit required





AUDITORIUM



Max. Total Seating: 463

Orchestra Pit. Formed by removing forestage traps Capacity of 8-15 musicians.

No removal of Seats is needed.

PROSCENIUM

Structural Opening

9.62 x 5.08m (W x H)

STAGE WIDTH

Centreline to stage right

9.50m

Centreline to stage left

12.00m

Down stage

11.00m

Between fly floors

17.00m - 7.50(SR) / 9.50(SL)

STAGE DEPTH

Rear of Proscenium to cyclorama wall

9.30m

Rear of Proscenium to forestage edge

3.00m

STAGE HEIGHT

Clearance under stage right fly floors

5.00m

Clearance under stage right side Lx ladders

3.10m

Clearance under stage left fly floors

5.00m

Clearance under stage left side light ladders

3.10m

Clearance under grid

12.40m

Maximum counterweight bar flying height

11.00m

Above Auditorium

1.02m

FORESTAGE / ORCHESTRA PIT

ORCHESTRA PIT

Formed by removing forestage traps

Dimensions

9.30 x 2.40 x 1.97m (W x D x H)

Capacity

8 – 15 musicians

Pit setup provision with conductor podium, platform, musician chairs, stools, music stands and music lights

STAGE FLOOR

Flat black surface hardboard

480kg/m² SWL

TRAP

2 traps: 1 at CS, 1 at apron. Under stage 1.80m.

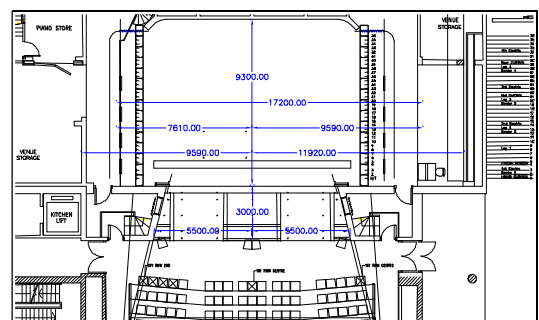
Footlight trough at down stage.

CYCLORAMA WALL

Cyclorama wall is permanent with curvature at right and left side. It is of white plaster and has a smooth surface.

SIDE STAGE

Very limited area





REAR STAGE

Not available

The fire shutter is treated as a safety curtain by FSD and cannot be obstructed by scenery, equipment or stage wagon in production.

STORAGE SPACE

Scenery dock is at stage right 6.25 x 5.03m (W x H)
Reserved as venue's store (included in Sc. Dock area) 3.25 x 5.03m (W x H)

CROSSOVER

Corridor behind stage

RIGGING

House Curtain (Golden yellow)

Bar 1, operated both fly in and out; draw left and right manually

Cinema screen 8.48 x 3.98m (W x H)

Bar 4
(From screen bottom to stage floor 5.40m)

Stage Lighting Bar

Capacity 230kg SWL
Length 13.00m
Standard lighting bars Bar 3, 14, and 23
LED Cyclorama lights Bar 32

Rigging System

Single purchase counterweights 36 sets
Counterweight frame located at stage left
Bar diameter (generally) 60mm (upper bar)
48mm (lower bar)
Bars distance (generally) 0.20m
Capacity 230kg SWL
Length 13.00m
Pinrail None
Side Bars None
Point Hoists None

STAGE EQUIPMENT

Stage Drapery

Black masking	legs	10	flat	3.00 x 5.60m	General rig (W x H)
	borders	5	flat	13.00 x 2.50m	General rig (W x H)
	half tabs	4	fullness	7.00 x 6.00m	Mid Curtain and Rear Curtain
	tabs	2	flat	13.00 x 6.00m	
Black gauze	1			12.00 x 6.00m	
White gauze	1			12.00 x 6.00m	
Projection screen (Front / Back)		1		4.00 x 3.00m	On stand or hang on bar

Acoustic shell 9 pcs.

Orchestra Riser

Wenger Trouper

Aluminum frame platform. Chair rails and guard rails available. No drilling or painting.

2.4 x 1.2m (W x D) 203mm(H) x 3
407mm(H) x 3
610mm(H) x 3

Choir Riser (3 or 4 steps) Wenger Tourmaster for approx. 75 persons

Orchestra Chair 40



Houselight	Dimmer controlled. Controlled independently or via lighting control board.				
Circuit	165 x 3kW, 8 x 5kW production lighting circuits, fixed wiring type, all circuits are terminated to 15A socket outlets to UK standard on the production lighting boxes, distributed at various locations throughout the stage and lighting bridges.				
Additional Power	380 Volt ; 3-phase/4 wire, 63A/phase and 32A/phase , located in US Left side stage wall c/w. Connection must be conducted by a local registered electrical worker. Hirer shall supply adequate circuit protective devices for all bring in electrical installation. 13A wall-mounted socket outlets at UK standard are provided on the stage.				
Front of House Position	FOH Lighting Bridge, 10.36m throw at 34.61 degree FOH Lighting Bridge, 8.42m throw at 44.32 degree (Apron)				
LED Automated Lighting	550W	Vari-lite	VL2600 Wash	12	
	350W	Vari-lite	VL800 EventProfile	9	
	350W	Vari-lite	VL800 EventProfile	6	Left & Right Light Slot (Fix Install)
	350W	Vari-lite	VL800 EventProfile	2	Centre of Light Bridge (Fix Install)
Profile	750W	ETC	Source Four Zoom 15-30°	2	Light Bridge
	750W	ETC	Source Four Zoom 25-50°	2	Light Bridge
	305W	ETC	Source Four LED Series 3 Lustr X8	4	Light Bridge, with 15-30° lens tube
	305W	ETC	Source Four LED Series 3 Lustr X8 Zoom	4	Light Bridge, with 25-50° lens tube
	305W	ETC	Source Four LED Series 3 Lustr X8 Zoom	11	With 15-30° lens tube
	305W	ETC	Source Four LED Series 3 Lustr X8 Zoom	11	With 25-50° lens tube
Fresnel	305W	ETC	Source Four LED Series 3 Lustr X8	8	With Fresnel adaptor
Cyclorama light Ground Row	RGBAL 148W	Chauvet	Ovation CYC 1 FC	5	Top(with yoke)(Bar 32)
	RGBAL 148W	Chauvet	Ovation CYC 1 FC	5	Bottom(without yoke)
Follow Spot	1.8kW	Robert Juliat	FLO	2	Auditorium back
Smoke generator					As required from pool stock
Strobe Light					As required from pool stock
UV light					As required from pool stock
Others	Side light ladder			8	
	Side light tower			8 (Pre-rigged and share with Concert Hall)	
Tower equipment setup:	5 (top)	As request		220cm*	
	4	750W ETC Source 4 zoom15/30		180cm*	
	3	1kW Selecon Rama Fresnel		135cm*	
	2	1kW Selecon Rama Fresnel		90cm*	
	1 (bottom)	750W ETC Source 4 zoom15/30		45cm*	

* = Height the equipment from the centre of lens to the floor



Supply of above equipment subject to availability on receipt of a lighting plan.

Equipment availability does vary slightly according to equipment conditions and maintenance. Check with Technical Manager for any updates.

Hirer will be provided with basic lighting only, from available hung equipment, if technical preparation time is less than 2 hours in the booking.

All brought-in “Electrical and Stage Lighting Equipment” to be used in LCSD PA venues, shall meet the requirements of “Code of Practice for Electricity (Wiring) Regulations (2020 Edition)”. Please contact the venue management for any electrical safety concern. Website reference: https://www.emsd.gov.hk/en/electricity_safety/index.html

SOUND

Sound System	Main central cluster :		
	Clair Brothers kiT12+	2	
	Clair Brothers kiT-Sub-mini+ Subwoofer	2	
	Each side of proscenium :		
	Clair Brothers kiT12+	2 on each side	
Main Control Console	Front Fill Speakers :		
	Clair Brothers 5CX-P-70	4	
	Studer Vista V-32 mixing console		
	Mono inputs	28	
Microphone tie line	Stereo inputs	4	
	Aux outputs	10	
	Group outputs	10	
	Matrix outputs	8	
	Control room at the back of auditorium		
	At hanging bars	4	
	Channel Multi-core outlets at stage left	16	
	Channel Multi-core outlets at stage right	16	
	Accessory Electronics (Pre-aligned, not loose equipment)	Lexicon PCM96SUR-D reverb/effect processor	2
Microphone	B&K 4009 A-B stereo recording microphone system	2	
	Crown PCC 160	3	
	AKG C414B-ULS	3	
	Neumann KM 183	2	
	Neumann KM 184	4	
	Sennheiser MD 421-II	2	
	Shure MX412	2	
	Shure Beta 58	4	
	Shure SM 57	4	
	Shure PG 58	2	
	Wireless Microphone	Sennheiser UHF SKM 5200-II hand-held type	8
Sennheiser UHF SK 5212-II body-pack type		8	
Max. 8 units in a booking session (Incur extra charge)			
Stage Monitor	d&b audiotechnik M6	8	
	Meyer Sound UP-JUNIOR	2	
	Montarbo M11A	2	
CD Player	Tascam CD-6010 CD player	2	
CD Recorder	Tascam SS-CDR250N	2	



Multimedia Projector	Panasonic PT-DZ870EK (8500 ANSI Lumens)	1 (incur extra charge)
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(V12-15, W12-15 & T12-15 at auditorium needs to be blocked for control panels)

Video Monitor	SWIT S-1093F 9" Full HD Broadcast LCD Monitor	6
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Additional Facility	Flown Cinema Screen The distance between the projection windows and the centre of the screen is 23.3m Christie CP 4230 Digital Cinema Package Meyer Sound Dolby 7.1 Surround Sound Cinema System	Bar 4
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COMMUNICATION

Stage manager control panel at stage left
Dual channels production communication systems for stage, lighting and sound
Paging and show relay system
Cue light system
Close Circuit TV system
Production desk can be set at the middle of the stall

Prior to booking date, please confirm with Technical Manager for the availability of the equipment. All required equipment will be set-up during the booking sessions; please allow adequate time for equipment set-up before performance or rehearsal



POOLED LIGHTING EQUIPMENT LIST
for Productions with a Lighting Designer

				<u>Theatre</u>	<u>Concert Hall</u>
Profiles	750W	ETC	Source 4 zoom 25/50	4	8
	750W	ETC	Source 4 zoom 15/30	10	30
	1kW	G&E	Par 64 (CP61)	20	12
Fresnels	2kW	Selecon	Arena Theatre F	3	3
Music light	25W			35	35
Light stand				8	8
Floor stand				12	12
Light tower			1.90m height	4	4
Gobo holder		Source 4	A size	54	
			B size	24	
Iris		Source 4		28	
Strobe light		MARTIN	Atomic 3000 DMX	2	2
UV Light (Tube)	400W	Wildfire	LT-400F	2	2
Smoke machine		Viper	NT	2	
Portable screen			1.80 x 1.80m		1 (On stand)
			2.40 x 2.40m		1 (On stand)

Equipment on this list allocated on a **first come first served** basis on presentation of a complete lighting plan.

Pool equipment cannot be reserved for any pending design.

Prior to booking date, please confirm with Technical Manager for the availability of the equipment. All required equipment will be set-up during the booking sessions; please allow adequate time for equipment set-up before performance or rehearsal



POOLED SOUND EQUIPMENT LIST
for Productions with a Sound Designer

Microphone pool	Neumann KMR-82i shotgun	4
	AKG D112	3
	AKG C411	4
	Shure 565SD	2
	Shure Beta 87	2
	Shure SM94	3
	DPA 2011A	8
	DPA 4099	8

Equipment on this list allocated on a **first come first served** basis on presentation of a complete production audio design.

Pool equipment cannot be reserved for any pending design.

Prior to booking date, please confirm with Technical Manager for the availability of the equipment.
All required equipment will be set-up during the booking sessions; please allow adequate time for equipment set-up before performance or rehearsal