



Performing Arts
Division –
Technical Support
Unit

Hong Kong City Hall

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GENERAL SET-UP

The Concert Hall operates on a 'bare-walls' touring policy. That is, all equipment is normally set up and struck within the booking period. Hirers are reminded to allow sufficient preparation time to hang masking and set up all stage lighting and audio equipment.

Check with our Technical Manager for any other equipment and technical enquiry.

Hong Kong City Hall – Concert Hall

FULL Technical Information

V. 2025.08.15

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The Concert Hall is designed primarily as a symphony hall and acoustically and in other respects best suited for performance of music.

The Concert Hall is also suitable for Drama, Dance and Chinese Opera productions when the overhead sounding boards being folded and withdrawn upward to allow the use of grid and suspension bars for normal stage lighting and scenery drops.

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 backstage
entrance left:

2.80 x 3.05m (W x H)

Slide door to stage:

2.50 x 2.66m (W x H)

STAGE ENTRANCE

Backstage entrance

PARKING

Permit required





AUDITORIUM



Total Seating: 1,430

Front Stalls: 578

Rear Stalls: 465

Balcony: 387

Extension stage edge. Formed by removal of Seats at Row A & B which will reduce 59 seats.

Orchestra Pit. Formed by removing forestage traps Capacity of 10-15 musicians. Formed by removal of Seats at Row A & B which will reduce 59 seats.

CONCERT MODE (SOUND CANOPY LAYOUT)

PROSCENIUM

Structural Opening

12.00 x 9.00m (W x H)

STAGE WIDTH

From centre line to SR and SL (down stage)

9.30m

From centre line to SR and SL (up stage)

7.35m

Extension stage

(DS) 19.00m (Removal of 59 seats)

(US) 15.00m

STAGE DEPTH

Rear of safety curtain to Choir stalls

6.40m

Choir stalls to forestage edge at centre

8.80m

Choir stalls to forestage edge at SL or SR

8.05m

Choir stalls to extension stage edge

10.70m (Removal of 59 seats)

STAGE HEIGHT

To canopy down stage

9.80m

To canopy up stage

7.20m

Above Auditorium

0.70m

THEATRE MODE (PROSCENIUM LAYOUT)

PROSCENIUM

Structural Opening

12.00 x 5.00-5.60m (W x H)

Adjustable proscenium opening with Teaser

STAGE WIDTH

From centre line to SR and SL (down stage)

9.30m

From centre line to SR and SL (up stage)

7.35m

Extension stage

19.00m (Removal of 59 seats)

STAGE DEPTH

Rear of safety curtain to Choir stalls

6.40m

Choir stalls to forestage edge at centre

8.80m

Choir stalls to forestage edge at SL or SR

8.05m

Choir stalls to extension stage edge

10.30m (Removal of 59 seats)

STAGE HEIGHT

To grid level

15.85m

To flying bars

14.00m

Under fly galleries

10.80m

Above Auditorium

0.70m

FORESTAGE / ORCHESTRA PIT



ORCHESTRA PIT

Formed by removal of Seats at Row A & B which will reduce 59 seats.

Dimensions

18.97 x 1.48-1.93 x 1.10m (W x D x H)

Capacity

10 – 15 musicians

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

EXTENSION STAGE

Seats at Row A & B have to be removed when the extension stage is used.

There will be a reduction of 59 seats.

Dimensions

18.90 x 1.9-2.1 x 0.70m (W x D x H)

CHOIR STALL

Fixed choir stalls behind stage platform, capacity for 60 choir

3.00m deep with front rail 2.85m above stage

STAGE FLOOR

The surface of the stage consists of flat-strip timber planks on concrete, smooth but not waxed or polished. No nails or screws allowed.

Trap – Not available

SIDE STAGE

Very limited off platform / stage area

REAR STAGE

Not available

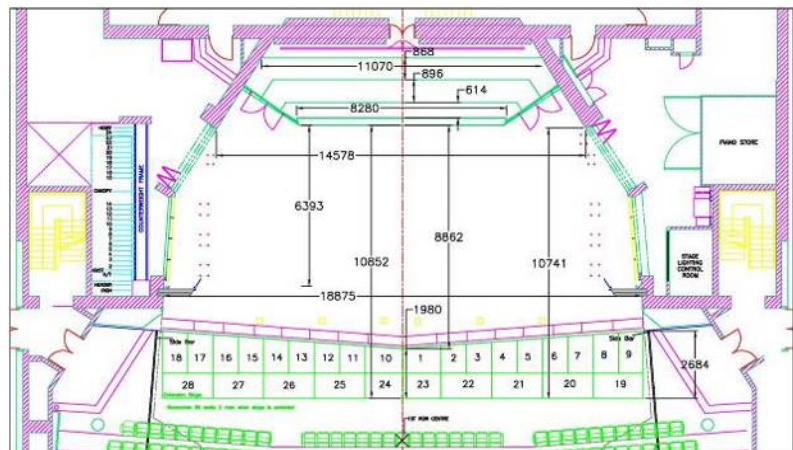
The fire shutter is treated as a safety curtain by FSD and cannot be obstructed by scenery, equipment or stage wagon in production.

STORAGE SPACE

Very limited off stage area

CROSSOVER

Corridor behind stage



RIGGING (For Theatre mode only)

House Curtain (Sliver) manual fly or motor travel

Bar 1, fly in and out manually and draw left and right electrically at varying speed

BP Screen

Bar 24

Stage Lighting Bar

Standard lighting bars

LED Cyclorama lights

Bar 4 and 13

Bar 17

Rigging System

Single purchase counterweights

Counterweight frame located at stage right

Bar length

24

15m (except Bar no. 2, 4-6, 8-13 are 16m
Bar no. 19-24 are 14m long)

Bar diameter

60mm (upper bar)

48mm (lower bar)

Bars distance (generally)

0.20m

Capacity

250kg SWL

Pinrail

None

Side Bars

None



Point Hoists

None

STAGE EQUIPMENT

Stage Drapery

Black masking	leg	2	flat	2.50 x 7.00m	General rig (W x H)
		4	flat	3.50 x 7.00m	General rig
		2	flat	4.50 x 7.00m	General rig
	border	1	flat	17.00 x 2.50m	General rig
		2	flat	16.00 x 2.50m	General rig
	half tab	2	flat	8.00 x 7.00m	General rig, as mid curtain for general rig
	tab	2	fullness	15.00 x 7.00m	General rig
*Tabs installed with 100% fullness with 2 ties to each runner. It can be used as flat or semi-draped clothes by tying directly to bar.					

White Plastic Cyclorama	1	flat	14.00 x 8.00m	General rig
Black gauze	1		14.00 x 7.50m	
White gauze	1		14.00 x 7.50m	
Projection screen (Front / Back)	1		4.00 (W) x 3.00m (H)	On stand or hang on bar (Theatre Mode only)

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)	6	203mm(H)
	6	407mm(H)
	6	610mm(H)

Choir Riser (3 or 4 steps) Wenger Tourmaster for approx. 80-90 persons

Orchestra Chair 120

Music Stand 70

Conductor's Podium 1 0.97 x 0.97 x 0.18m (L x W x H)
(can be combined into 2- 1 1.22 x 0.97 x 0.18m (L x W x H)
steps podium)

Conductor's Stand 1

High Stool 5

Ceremony Chair 12

Podium 1 0.76 x 0.45 x 1.22m (W x D x H)

Table 5 1.22 x 0.76 x 0.74m (W x D x H)

Dancing Tile Black for main stage
for dance show only (Please allow time to lay the tiles during booking time)

Stage Carpet Green 2 5.50 x 5.50m (W x D)
for Chinese Opera only

Instruments

Concert Grand Piano. (incur extra charge)	2	Steinway & Sons D-274
Harpsichord (incur extra charge)	1	William Dowd Boston 1966 (Share with HKCC)
Harp (incur extra charge)	1	Lyon & Healy Harps (Share with Theatre)
Timpani (incur extra charge)	1 set of 4	ADAMS PRO GEN 2 (23", 26", 29", 32") (Share with Theatre)



Up-right Piano 2 (Located at dressing rooms C2 & C5)

Lift and Ladder

Hydraulic lifting platform (7.00m Height) 1 *operated by competent person & prior approved by venue management only*

Counterweights Available as requested

DRESSING ROOM

First floor **C1:** accommodates 15-20 persons
C2: accommodates 5-8 persons
C3: accommodates 3-5 persons

Second floor **C4:** accommodates 15-20 persons
C5: accommodates 5-8 persons
C6: accommodates 3-5 persons

All dressing rooms fitted with private toilet and shower (C3 with no shower)



RUNNING WARDROBE

Washing machines, dryers, located at dressing room C3

Sewing machines , irons & boards and steamers can be loaned from Stage Management Department

LIGHTING

Dimmer ETC Sensor3 dimmer. Total 144 nos.
3kW 130 nos.
5kW 14 nos.
Locating at back stage corridor.

Control Board ETC Gio, with full backup control facilities, EOS Family OS operating software, located in Lighting Control Room at side stage of Stage Left.

Remote Control ETC – wireless remote control.

Houselight Dimmer controlled. Controlled independently or via lighting control board.

Circuit 130 x 3kW production lighting circuits distributed at various locations throughout the Stage and lighting bridges. Another 12 x 3kW and 2 x 5kW production lighting circuits located in dimmer room at back stage. Terminated to 15A or 32A socket outlets to UK standard on the production lighting boxes.

Additional Power 220/380 Volt; 3-phase/4 wire, 32A/phase and 63A/phase, located in US Left side stage wall c/w and dimmer room.

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 no.1, 17.13m throw at 42.65 degree
FOH Lighting Bridge no.1, 15.80m throw at 47.60 degree (Apron)
FOH Lighting Bridge no.2, 19.71m throw at 36.20 degree
FOH Lighting Bridge no.2, 18.13m throw at 39.95 degree (Apron)
Circle Rail, 17.85m throw at 16.97 degree
Circle Rail, 15.94m throw at 19.08 degree (Apron)

Profile	750W	ETC	Source Four Zoom 15 -30	4	Canopy Light Bar
	750W	ETC	Source Four Zoom 25 -50	2	Canopy Light Bar



	750W	ETC	Source Four Zoom 15 -30	4	Left & Right Box Under Bar
	750W	ETC	Source Four Zoom 15 -30	24	Ceiling I & II
	750W	ETC	Source Four Zoom 15 -30	12	Circle Front
Fresnel	300W	ETC	Source Four LED Series 3 Lustr X8 Fresnel	8	Canopy Light Bar
	300W	ETC	Source Four LED Series 3 Lustr X8 Fresnel	22	Bar 4, 13
LED Automated Lighting	550W	Robe	T1 Profile	6	Left & Right Box Under Bar
Cyclorama light	RGBAL 148W	Chauvet	Ovation CYC 1 FC	7	Top (with yoke) (Bar 17)
Ground Row	RGBAL 148W	Chauvet	Ovation CYC 1 FC	7	Bottom (without yoke)
Follow Spot	800W	Robert Juliat	ARTHUR 10 -14 LT LED	2	At back of auditorium in balcony
Canopy light	750W	ETC	PARNel	24	Fixed on canopy and used for concert mode
Work Light (Flood light)	1kW			2	Canopy Light Bar
	500W			6	2 SL, 2SR, 2 FOH
Smoke generator					As required from pool stock
Strobe Light					As required from pool stock
UV light					As required from pool stock
Other	Side light tower (Pre-rigged and share with Theatre)			8	
Tower equipment setup:		5 (top)	As request		220cm*
		4	ETC Source Four Zoom 15-30°		180cm*
		3	1kW Selecon Rama Fresnel		135cm*
		2	1kW Selecon Rama Fresnel		90cm*
		1 (bottom)	ETC Source Four Zoom 15-30°		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.					
<u>Hirer will be provided with basic lighting only, from available hung equipment, if technical preparation time is less than 2 hours in the booking.</u>					
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					
<u>SOUND</u>					
Sound System	Main central cluster:				
	d&b Ti10L			8	
	Left and right:				
	d&b F-1222			3 (on each)	
	d&b B1-SUB			2 (on each)	
	d&b Ci-45			1 (on each)	



	Balcony left and right: d&b audiotechnik Qi-1	4
	Stage front: d&b E3	4
Main Control Console	Digico Quantum 852 mixing console	
	Mono inputs	32
	Stereo inputs	8
	Aux outputs	12
	Bus outputs	12
	Matrix outputs	8
	Control room at the back of auditorium	
Microphone tie line	At main reflector	6
	At hanging bar	3
	Stage front	12
	Stage left with multi-pair cable	16
	Stage right with multi-pair cable	16
Accessory Electronics (Pre-aligned, not loose equipment)	Lexicon 480L digital effect system	1
	Lexicon PCM 96SUR-D digital effect processor	2
Microphone	B&K 4003 A-B stereo recording microphone system	2
	Crown PCC160	3
	AKG C414B-ULS	4
	Neumann KM183	2
	Neumann KM184	6
	Sennheiser MD421-II	2
	Shure Beta 57	2
	Shure MX412	2
	Shure Beta 58	5
	Shure SM 57	4
	Shure PG 58	4
Wireless Microphone (incur extra charge)	Sennheiser SKM 5200-II hand-held type	8
	Sennheiser SK 5212-II body-pack type	8
	Max. 8 units with a minimum booking of 2 sessions	
Stage Monitor	d&b audiotechnik M6	10
	Meyer Sound UP-JUNIOR	2
CD	Tascam CD-6010 CD player	2
CD Recorder	Tascam SS-CDR250N	2
Multimedia Projector (incur extra charge)	Christie DHD1075-GS (10,000 ANSI Lumens) (Control panel at left box of left promenade)	1
Video Monitor	SWIT S-1093F 9"Full HD Broadcast LCD Monitor	4
Accessory	Direct Boxes	
	Microphone stands	
	Sub snakes	
	Cables and adapters	



4K Video Filming & Image Processing System <i>(Incur extra charge)</i>	Matrox Monarch EDGE	1
	4K video encoders and decoders	
	Panasonic AW-UE150 4K Integrated PTZ Camera	5
	BlackMagic ATEM 4 M/E Broadcast Studio 4K	2
	BlackMagic ATEM 1 M/E Advanced Panel	1
	BlackMagic 4K 12G Hyperdeck SSD video recorder	6

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>
Profile	750W	ETC	Source Four Zoom 25 - 50	10	8
	750W	ETC	Source Four Zoom 15 - 30	25	30
	1kW	G&E	Par 64 (CP61)	20	15
	300W	ETC	Source Four LED Series 3 Lustr	2	8
Fresnel	2kW	Selecon	Arena Theatre F	3	2
	Lens	ETC	Source Four LED Series 3 Lustr (Fresnel Adaptor)	8	8
Music light				70	30
Light stand				4	4
Floor stand				10	10
Light tower			1.90m height	4	4
Gobo holder		Source Four	A size		54
			B size		24
Iris		Source Four			28
Strobe light		Martin	Atomic 3000 DMX	2	2
UV Light	400W	Wildfire	LT-400F	2	2
Smoke machine		Viper	NT	2	2

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