



Performing Arts
Division –
Technical Support
Section

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.

Hong Kong City Hall – Concert Hall

FULL Technical Information

V. 2012.1 – Last Update January 12

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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. However, movable units are incorporated in the design of the stage to allow its easy conversion into a "picture frame" stage with a timber proscenium arch, with the overhead sounding boards of the concert stage being folded and withdrawn upward to allow the use of grid and suspension bars for normal stage lighting and scenery drops. The complete change from concert layout to theatrical layout and vice-versa can be effected in about two hours.

It must be stressed that both in the depth of the acting area and in the extent of wing space and scenery docking facilities this stage is limited and does not set out to provide ideally satisfactory conditions for the presentations of stage shows. Moreover, although the acoustics of the hall is really excellent when the concert layout is adopted and the sound boards are in position, yet they are adversely affected for the spoken voice when the proscenium frame is set in position, hence producers and actors must pay particular attention to the setting of borders and scenery and volume of voice and clear articulation to overcome this.

DIRECTIONS

MTR:

Island Line, Central Station, Exit J

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



Max. Total Seating: 1,434

Front Stalls: 578
Rear Stalls: 469
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)

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 canopy down stage	9.80m
To canopy up stage	7.20m
Above Auditorium	0.70m

THEATRE MODE (PROSCENIUM LAYOUT)

PROSCENIUM

12.00 x 5.00m min (W x H)
12.00 x 5.60m Max (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	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. 500kg/m² SWL

Trap – Not available

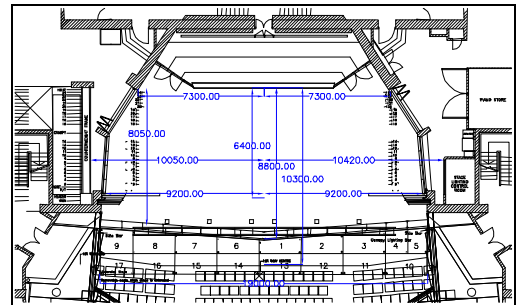
SIDE STAGE

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) motor fly or 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 Bar 3, 7 and 14

Cyclorama lights Bar 17

Rigging System

Single purchase counterweights 24

Counterweight frame located at stage right

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

Bar no. 19-24 are 14m long)

Bar diameter (New) 60mm (upper bar)

48mm (lower bar)

Bar diameter (Old) 60mm

Bars distance (generally) 0.20m

Capacity 250kg SWL

Pinrail None

Side Bars None

Point Hoists None



STAGE EQUIPMENT

Stage Drapery

Black masking	legs	2	All flat	2.50 x 7.00m	General rig (W x H)
		4	All flat	3.50 x 7.00m	General rig
		2	All flat	4.50 x 7.00m	General rig
	borders	1	All flat	17.00 x 2.50m	General rig
		2	All flat	16.00 x 2.50m	General rig
	half tabs	2	All flat	8.00 x 7.00m	General rig, as mid curtain for general rig
	tabs	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 director to bar.

White Plastic Cyclorama	1	flat	14.00 x 8.00m	General rig
Black gauzes	1		14.00 x 7.50m	
White gauze	1		14.00 x 7.50m	
Projection screen (Front / Back)	1		4.00 x 3.00m	

Orchestra Riser

Aluminum frame platform.	Chair rails and guard rails available. No drilling or painting.			
2.4 x1.2m (W x D)	6		203mm(H)	
	6		407mm(H)	
	6		610mm(H)	

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

Orchestra Chair 120

Music Stand 70

Conductor's Podium 1 0.96 x 0.81 x 0.15m (L x W x H)
(can be combined into 2- 1 1.09 x 0.96 x 0.15m (L x W x H)
steps podium)

Conductor's Stand 1

High Stool 5 (Share with Theatre)

Ceremony Chair 10

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)

Table Cloths

Dancing Tiles Black for main stage
for dance floor use only (Please allow time to lay the ties during your booking time)

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

Instruments	Concert Grand Piano	2	Steinway & Sons (Extra charge is needed)
	Harpichord	1	William Down(Share with HKCC and extra charge is needed)
	Harp	1	Lyon & Healy Harps (Share with Theatre and extra charge is needed)
	Timpani	1 set of 4	Premier Percussion (23", 26", 29", 32" Share with Theatre and extra charge is needed)
	Up-right Piano	2	(Located at side-stage, dressing rooms C2)



Lift and Ladder

Cougar lifts (7.00m Height) 1 *operated by competent person & prior approved by venue management only*

Counerweights Available as requested

DRESSING ROOMS

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

Dimmers 142 nos. of 3kW; 2 nos. of 5kW locating at back stage corridor.

Control Board Strand – 520i, with full backup control facilities, Strand OS operating software, located in Lighting Control Room at side stage of Stage Left.

Remote Control Strand – wireless remote control PDA

Houselights Dimmer controlled. Take-control available in Lighting Control Room.

Circuits 120 x 3kW production lighting circuits distributed at various locations throughout the Stage and lighting bridges. Another 22 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, 30A/phase and 60A/phase, located in US Left side stage wall c/w and dimmer room.
The hirer may bring-in your electrical equipment and connect to the additional power source at side stage subject to the required electrical works must be conducted by the local registered electrical workers. The hirer shall supply adequate circuit protective devices for your own electrical installation.
13A wall-mounted socket outlets to UK standard are provided on the stage.

Front of House Positions 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)

Profiles	1kW	Strand	OPTIQUE 15/42	2	Canopy Light Bar
	1kW	Strand	OPTIQUE 15/42	4	Side bar
	1kW	G&E	Par 64 (CP61)	8	
	1kW	Robert Juliat	Zoom 11/26	24	Ceiling I & II
Fresnels	750W	ETC	Source 4 zoom 15/30	12	Circle Front
	2kW	Selecon	Arena	6	Canopy Light Bar



	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)	Klark Teknik DN9340 digital equalizer	2
	xta GQ600 graphic equalizer	4
	Lexicon 480L digital effect system	1
	Lexicon PCM 81 digital effect processor	1
	BSS DPR402 compressor/limiter	2
	Klark Teknik DN514 quad noise gate	1
Microphones	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	Sennheiser UHF SKM 5000 hand-held type	8
	Sennheiser UHF SK 50 body-pack type <i>Max. 8 units with a min. (extra charge)</i>	8
Stage Monitors	Martin LE350 wedge	6
	Martin WM0.5	2
	Montarbo M11A	4
	Yamaha S4115MKII	2
Cassette	Tascam 122 MK III cassette recorders	2
CD	Denon DN C-635 CD player	2
Mini-Disc	Tascam MD-801R MK II mini-disc recorder	2
Digital Audio Tape	Sony DAT PCM R-700 DAT recorder	2
CD Recorder	HHB CDR-882 Dualburn CD Recorder	2
VCR	JVC HR-S5980 (CCTV recording)	2
Accessories	Direct Boxes	
	Microphone stands	
	Sub snakes	
	Cables and adapters	

COMMUNICATIONS

Stage managers control panel at stage left
Dual channels production communication systems for stage, lighting and sound
Paging and show relay system
Close Circuit TV system (4 sets)
Production desk can be set at the middle of the stall

The above equipment is not-fix-installed, their availability has to be checked prior to booking period. All required equipment will be set-up during the booking sessions, please allow extra 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	1kW	Strand	Cantata 26/44	10	10
	1kW	Strand	Optique 15/42	22	22
	750W	ETC	Source 4 zoom 15/30	20	18
	1kW	G&E	Par 64 (CP61)	20	12
Fresnels	2kW	Selecon	Arena Theatre F	3	3
	1kW	Strand	Cantata F	10	10
Pebble Convex	1kW	Strand	Cantata PC	10	10
Flood light	500W		Coda 500/ 4	6	6
Effects	750W	ETC	70° Profile Spot		2
Lantern					
Effects			Fire		2
(Max. use of 2)			Cloud		2
			Spiral (rain)		2
			Radial (water)		2
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	10	
			B size	4	
		Cantata	A size	10	
		Profile	B size	10	
		Optique	M size	10	
Iris		Source 4		8	
		Optique /Cantata Profile		6	
Strobe light		Martin	Atomic 3000 DMX	2	2
UV Light	400W	Wildfire	LT-400F	2	2
Smoke machine		Lightwave	F-100		2
		Martin	Jem ZR-33		2
Slide projector		Xenon	S-AV-2050	2	
		Carousel			
			253mm lens		1
			70-120mm lens		2
			85-210mm lens		2
		Kodak	Tray		4
	Kodak	9010 / 9020	2		1



Overhead projector	EIKI	4410H	2
Portable screen		1.80 x 1.80m	1 (On stand)
		2.40 x 2.40m	1 (On stand)

EQUIPMENT ON THIS LIST IS ALLOCATED ON A FIRST COME FIRST SERVED BASIS ON PRESENTATION OF A COMPLETED LIGHTING PLAN.

DO NOT ASK TO RESERVE ALL PENDING DESIGN SUBMISSION - SUCH REQUESTS WILL NOT BE ENTERTAINED!

Equipment available does vary slightly due to repair, maintenance, etc. Check with Technical Manager for any changes.

POOLED SOUND EQUIPMENT LIST
for Productions with a Sound Designer

Microphone pool	Neumann KMR-82i shotgun	4
	AKG D112	3
	AKG C418PP	3
	AKG C419PP	2
	AKG C411	4
	Shure 565SD	2
	Shure Beta 87	2
	Shure SM94	3
LCD Projector	Sanyo PLC-XP 46 (4100 ANSI Lumens)	1
	Sanyo PLC-XP 55 (4500 ANSI Lumens)	1
	Sanyo PLC-XP 100 (6500 ANSI Lumens)	1

EQUIPMENT ON THIS LIST IS ALLOCATED ON A FIRST COME FIRST SERVED BASIS ON PRESENTATION OF A COMPLETED SOUND DESIGN.

DO NOT ASK TO RESERVE ALL PENDING DESIGN SUBMISSION - SUCH REQUESTS WILL NOT BE ENTERTAINED!

Equipment available does vary slightly due to repair, maintenance, etc. Check with Technical Manager for any changes.