



*Performing Arts Division –  
Technical Support Unit*

### **East Kowloon Cultural Centre**

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Kowloon, HK

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### **CONTACTS**

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### **GENERAL SET-UP**

*The Hall operates on a  
'bare-wall' 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  
theatre masking, rig all  
overhead stage lighting  
and set up sound system.*

*Check with our Resident  
Technical Manager for  
any other equipment and  
technical enquiries.*

## **East Kowloon Cultural Centre – The Hall** **FULL Technical Information**

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EKCC The Hall is a multi-purpose hall with different possible stage settings, including proscenium, canopy with different sizes, extended stage and orchestral pit with two sizes; suitable for staging productions of different art forms.

### **DIRECTIONS**

#### **MTR**

Kwun Tong Line,  
Kowloon Bay Station, Exit B

#### **Bus:**

Kowloon Bay Station (East Kowloon Cultural Centre) Bus Stop,  
Amoy Garden Bus Stop

#### **From HK Island W:**

Cross Harbour Tunnel → East Kowloon Corridor → Kai Tak Tunnel → Prince Edward Road East → Kwun Tong Road → Fuk To Street

#### **From HK Island E:**

Eastern Harbour Tunnel → Kwun Tong Bypass → Kai Fuk Road → Kai Cheung Road → Ngau Tau Kok Road → Fuk To Street

#### **From New Territories**

Lion Rock Tunnel / Tate's Cairn Tunnel → Lung Cheung Road → Kwun Tong Road → Fuk To Street

#### **Nearby Public Car Parks**

Telford Plaza, Amoy Plaza,  
Lower Ngau Tau Kok Estate



### **LOADING**

Clearance of truck: 4.70m (H)  
Truck Occupancy: 2nos. 40-ft Container  
Dock Height: 1.20m

Loading to Side Stage Shutter Opening:  
4.90 x 3.85m (W x H)  
Side Stage Shutter Opening:  
5.00 x 3.00m (W x H)  
Opening to side stage:  
4.99 x 3.85m (W x H)  
Opening to rear stage:  
3.75 x 3.85m (W x H)

Broadcasting Vehicle Parking with Truck  
Occupancy  
7.50 x 3.50m (W x D) (Share use)

### **STAGE ENTRANCE**

Ngau Tau Kok Road, facing Amoy Garden

### **PARKING**

Permit required



## AUDITORIUM



<b>Total Seating:</b>	<b>1196</b>
Stalls:	714
Balcony:	482

Wheelchair Space	
Stalls:	8

### Removable Seating

Small Pit Lift:	74
Large Pit Lift:	137
Row A & B	59

### REVERBERATION TIME

(averages at 500Hz and 1kHz)

Theatre Mode (Proscenium Layout)	1.0-1.2s
Concert Mode (Sound Canopy Layout)	1.3-1.5s

### PROSCENIUM

Structural Opening	16.00 x 10.00m (W x H)
Adjustable Teaser and Tormentor	13.00 x 6.00m (W x H) min.

### ACOUSTIC SHELL

Small Enclosure for 62 musicians	130m <sup>2</sup>
Medium Enclosure for 90 musicians	190m <sup>2</sup>
Large Enclosure for 105 musicians	219m <sup>2</sup>

### STAGE WIDTH

Centreline to stage right fire shutter	15.00m
Centreline to stage left wall	15.00m
Between fly floors	21.00m
Centreline to stage right fly floor	10.50m
Centreline to stage left fly floor	10.50m

### STAGE DEPTH

Rear of Proscenium to rear-stage shutter	17.00m
Rear of Proscenium to upstage limit of grid	15.60m
Rear of Proscenium to orchestra pit edge on centreline	5.00m

### STAGE HEIGHT

Clearance under technical gallery	10.00m
Clearance under grid	26.50m

### FORESTAGE / ORCHESTRA PIT

Small curved forestage/pit lift area (with a loss of 74 seats)	60.00m <sup>2</sup>
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*pit platform can be raised to stage level to form a bigger forestage*

Big curved forestage/pit lift area (with a loss of 137 seats)	105.00m <sup>2</sup>
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*pit platform can be raised to stage level to form a bigger forestage*

### STAGE FLOOR

Flat black hardboard	750kg/ m <sup>2</sup> SWL
Traps in modules on main stage area	15.80 x 9.64m (W x D)
No. of modules	49 in two sizes
Capacity	700kg SWL



### **SIDE STAGE**

Opening (Stage Right)	12.70 x 9.00m (W x H)
Width	21.00m
Depth	16.20m

### **REAR STAGE**

Opening	15.90 x 9.00m (W x H)
Width	25.10m
Depth	16.10m

### **STORAGE SPACE**

Shared space with side and rear stage area

### **CROSSOVER**

Rear of stage

### **FIRE CURTAIN**

Rear of Proscenium

Between main stage and rear stage

Between main stage and side stage

**ALL fire shutters are fire safety installation and must not be obstructed by scenery or any other objects.**

### **RIGGING - FORESTAGE**

Roller Beam (with chain hoist)	5
Chain Hoist	10 (2 per beam)
Loading Capacity	1000kg
Minimum Beam Spacing	0.60m

### **RIGGING - STAGE**

**Rigging System** 60 bars

*Prior submission of fly cue plot will speed up the production process.*

*Fly cues updating will require additional time for computer input.*

Bar diameter	48mm
Bar interval	0.20m
<i>See lineset schedule for location and availability.</i>	
Bar length	18.00m (extending to 20.00 m)
Capacity	650kg SWL
Side Bar	4 (2 per each side)
Bar length	12.4m
Capacity	500kg SWL
Light Ladder Bar	2 (1 per each side)
Bar length	12.4m
Capacity	500kg SWL
Roller Beam (with chain hoist)	5
Hoist	20 (4 per beam)
Capacity	500kg SWL

### **RIGGING – REAR STAGE**

Roller beam (with chain hoist)	5
Chain hoists	15 (3 per beam)
Capacity	1000kg/m <sup>2</sup> SWL



## STAGE EQUIPMENT

### Stage Drapery

House Curtain	Purple			20.00 x 10.00m
(Motor Fly in variable speed)				
Black masking	Leg	12	Flat	5.00 x 11.00m
(Wool Serge)	Border	6	Flat	20.00 x 5.00m
	Half tab	2	Flat	10.00 x 10.00m
	Black backdrop	1	Flat	18.00 x 10.00m
	Side masking	10	Flat	4.00 x 10.00m
Cyclorama		1	Flat	18.00 x 10.00m
Black Gauze		2	Flat	18.00 x 10.00m
White Gauze		2	Flat	18.00 x 10.00m

### Orchestra Riser

No drilling or painting on the platform.	2.4 x 1.2m (W x L)	6	203mm (H)
		10	407mm (H)
		10	610mm (H)
	2-step Stairway	2	

### Choir Riser

3 steps	7 sets	
4 steps	7 sets	with Back Rail

### Conductor's Chair

1

### Conductor's Podium

1 set

### Conductor's Stand

1

### Chair

Musician Chair	120
High Stool	10
Cellist Stool	20

### Music Stand

Black	120
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### Musical Instrument

Concert Grand Piano	2	Steinway & Sons Model D (incur extra charge)
Upright Piano	2	Yamaha YUS5
Timpani	1 set	Adams Professional Generation II (incur extra charge)

### Dance Tile

for dance show only

Black	(Please allow time to lay the tiles during booking time)
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### Sprung Dance Floor

for dance show only

20.00 x 15.00m	(Please allow time to lay the tiles during booking time)
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### Stage Carpet

for Chinese Opera only

Green	2	14.50 x 6.50m
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### Lectern

1

### Table

24 1.80 x 0.60m (W x D)

### Lift and Ladder

Lifting Platform	5	Operated by competent persons & prior approved by venue management only
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## **DRESSING ROOM**

G/F (Stage Level)	H1	8 persons*
	H2	2 persons*
	H3	3 persons*
	H4	2 persons*
	H5	2 persons#
	H6	2 persons#
	H7	2 persons#
LG/F	H8	11 persons#
	H9	11 persons#
	H10	11 persons#
	H11	8 persons*
	H12	14 persons*
	H13	11 persons*

Production Office  
Green Room



# Dressing room fitted with accessible toilet and shower

\* Dressing room fitted with toilet and shower

^ Dressing room fitted with changing compartment

Quick change room at stage right and stage left. Temporary quick change facilities are available

## **RUNNING WARDROBE**

3 washing machines, 3 dryers, located at Running Wardrobe at LG/F.

Sewing machine, iron & board and steamer can be loaned from Resident Stage Management Section.

## **LIGHTING**

<b>Power Circuit</b> (in True1 Socket)	ETC Digital Dimmer, 3kW	150
	ETC Digital Dimmer, 5kW	14
	ETC Sensor3 Digital ThruPower Dimmer, 3kW	340
	ETC Sensor3 Digital ThruPower Dimmer, 5kW	16
	ETC Sensor3 Relay Power Control Modules	380

<b>Additional Power</b>	100A 3-phase Socket	2
	63A 3-phase Socket	4
	32A 3-phase Socket	4

**Connection must be conducted by a local registered electrical worker. Hirer shall supply adequate circuit protective devices for all bring in electrical installations.**

**Control Board** GrandMA3 Full, located in Lighting Control Room.

**Portable Console** GrandMA3 Light

**House Light** DMX controlled. Controlled independently or via control board in Lighting Control Room.

<b>Profile</b>	750W	ETC	Source 4 15/30°	30
	750W	ETC	Source 4 25/50°	20
<b>LED Profile</b>	305W	ETC	Source 4 Lustr 3	40
<b>Fresnel</b>	250W	Silver Star	SS826XH	40
	360W	Robert Juliat	Fresnel ZEP2	50
	167W	ETC	Source 4 Lustr 2	20
<b>LED Automated Lighting</b>	887W	ETC	SolarFrame 1000	30
	930W	ETC	SolaWash 1000	30
	600W	ETC	Sola Hybeam 1000	10



<b>PAR</b>	1kW 180W	Kupo Silver Star	PAR64-FB SS352XCEM	50 20	
<b>Cyclorama Light</b>	400W	Altman	Spectra 400	8	
<b>Ground Row</b>	400W	Altman	Spectra 400	8	*No Yoke
<b>Follow Spot</b>	2500W	Robert Juliat	Cyrano 1015BS: 3/80	4	
<b>Strobe Light</b>	740W	Martin	Atomic 3000 LED	4	
<b>UV Light</b>	120W	ADJ	UV COB Cannon 1X	4	
<b>Fog Machine</b>	1300W	Look Solutions	Viper NT	4	
<b>Hazer</b>	1500W	Smoke Factory	Tour Haze II	4	
<b>Side light ladder on track</b>				8	(4 on each side)
<b>Side light tower</b>		6 (top)	2485 mm*		
<b>*Height:Centre of lens to floor</b>		5	2045 mm*		
		4	1605 mm*		
		3	1165 mm*		
		2	725 mm*		
		1 (bottom)	285 mm*		
<b>Music Light</b>		LED Dimmable		100	
<b><u>Hirer will be provided with basic lighting only, unless sufficient preparation time is provided during booking period and based on the complexity of the intended operation.</u></b>					
Supply of above equipment subject to availability on receipt of a lighting plan, minimum 3 weeks prior to booking commencement. Equipment availability does vary slightly according to equipment conditions and maintenance. Check with Resident Technical Manager for any updates.					
All bring-in “Electrical and Stage Lighting Equipment” to be used in LCSD performance 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: <a href="http://www.emsd.gov.hk/emsd/eng/welcome/em_safety.shtml">http://www.emsd.gov.hk/emsd/eng/welcome/em_safety.shtml</a>					
<b><u>SOUND</u></b>					
<b>Sound System</b>	<b>Immersive Sound System</b>				
		d&b audiotechnik Yi8		20	
		d&b audiotechnik Yi12		10	
		d&b audiotechnik Yi-SUB		8	
		d&b audiotechnik Yi-10P		5	
		d&b audiotechnik 8S		6	
		d&b audiotechnik 10S		28	
		d&b audiotechnik 12S		42	
		d&b audiotechnik E8		21	
		d&b audiotechnik Vi10P		5	
		d&b audiotechnik Vi-SUB		5	
		d&b audiotechnik B16-SUB		6	
		d&b audiotechnik B22-SUB		2	
<b>Main Control Console</b>	DiGiCo Q7T				
<b>Second Console</b>	DiGiCo Q7T				
<b>Microphone tie line</b>	Distributed				





<b>Microphone</b>	<b>Dynamic Vocal Mic</b>	
	Shure SM58	4
	Shure Beta 58A	4
	Sennheiser e835S	2
	Beyerdynamic M88TG	2
	DPA 4018V-B-B01 d:facto	6
	Shure Nexadyne NXN8/S	4
	<b>Dynamic Instrument mic</b>	
	Shure SM57	2
	Shure Beta 57A	4
	AKG D112 MKII	1
	<b>Condenser Mic</b>	
	Audio-Technica AT4041	6
	Sennheiser MKH 8040	6
	Sennheiser MKH 8050	2
	Sennheiser MKH 8070	2
	Neumann KM184	6
	Neumann KM185	6
	Shure Beta 52A	1
	AKG C414 XLS	6
	DPA 4055	4
	Neumann U87 Ai	2
	Shure Beta 87A	2
	<b>Miniature Instrument Mic</b>	
	DPA 4099 Core Rock Kit	1
<b>Wireless Microphone</b>	Sennheiser Digital 6000 Wireless Mic System	
	Including: Handheld – SKM 6000	14
	Body Pack – SK6212	20
<b>D.I.</b>	BSS AR133	6
	RNDI	8
	RNDI-S	4
	Radial USB-Pro	4
	Radial SB-5	2
<b>CD/SD/USB Playback</b>	Denon DN-500BD MKII	2
	Tascam C500B	2
	Tascam CDR-250N	2
<b>Digital Cinema Projector (DCP)</b>	4K Resolution	1
<b>Induction Loop</b>	At auditorium	
<b>Simultaneous Translation System</b>	3 language infra-red wireless simultaneous translation system	
<b>LED Surtile Display System</b>	Horizontal LED Display Board	2
	Location – on both sides of the proscenium	
	Size of LED	205 x 102.5cm (W x H)
<b><u>COMMUNICATION</u></b>		
<b>SM Desk</b>	At stage right (max. four channels intercom system)	



<b>Intercom System</b>	Auditorium, stage and backstage	
	4-channel Main Station	1 set
	Wired Intercom	18 sets
	Wireless Intercom	10 sets

**Cue Light System**                      Fixed positions – Technical area

**Paging and Show Relay System**                      Dressing room and backstage area

#### **PROJECTION**

**Multimedia Projector**                      Panasonic PT-RQ35K (at Designated Positions)                      6

#### **SERVER**

**Media Server**

#### **VIDEO STREAMING & RECORDING**

##### **4K Video Filming & Image Processing System**

Camera w/ Robotic Head	Sony HDC-P50 (at Designated Positions)	5
Robotic Head Control	Kxwell KT-RP8910	2
Portable Camera Stand	Panasonic Polecam PanaPod	1
Video Switcher	Sony XVS-G1 with 2M/E 16 Button Control Panel	1
Streaming Encoder	Matrox Monarch Edge	1
Video Recorder	BMD HyperDeck Studio 4K Pro	7

#### **TRACKING**

Blacktrax  
Zactrack Pro

**Prior to the booking date, please confirm with Technical Manager the availability of the equipment. All required equipment will be set-up during the booking period; please allow adequate time in the production schedule for equipment set-up, tuning, alignment and test before rehearsal or performance.**





#### POOLED LIGHTING EQUIPMENT LIST (Shared by all venues)

<b>Profile</b>	167W	ETC	Source 4 Lustr 2 Profile 15/30°	50
<b>Fresnel</b>	250W	Silver Star	SS826XH	16
<b>LED Automated Lighting</b>	887W	HES	SolaFrame 1000	30
	930W	HES	SolaWash 1000	10

#### POOLED SOUND EQUIPMENT LIST (Shared by all venues)

<b>Microphone</b>	<b>Dynamic Vocal Mic</b>	
	Shure SM58	4
	Shure Beta 58A	8
	Sennheiser e835S	2
	Beyerdynamic M88TG	1
	DPA 4018V-B-B01 d:facto	4
	Shure Nexadyne NXN8/S	6
	<b>Dynamic Instrument mic</b>	
	Shure SM57	1
	Shure Beta 57A	8
	AKG D112 MKII	1
	AKG SE 300B	1
	<b>Condenser Mic</b>	
	Audio-Technica AT4041	6
	Sennheiser MKH 8040	6
	Sennheiser MKH 8050	4
	Sennheiser MKH 8070	2
	Neumann KM184	8
	Neumann KM185	8
	Shure Beta 52A	1
	AKG C414 XLS	8
	DPA 4055	4
	Neumann U87 Ai	1
	Shure Beta 87A	6
	<b>Miniature Instrument Mic</b>	
	DPA 4099 Core Rock Kit	1
	DPA 4099 Core Class Kit X1	1

#### POOLED PROJECTION EQUIPMENT LIST (Shared by all venues)

<b>Multimedia Projector &amp; Lens</b>	Panasonic PT-RQ35KE
	Lens ET-D75LE8 – 7.3-13.8:1
	Lens ET-D75LE10 – 1.3-1.7:1
	Lens ET-D75LE20 – 1.67-2.4:1
	Lens ET-D75LE30 – 2.4-4.7:1
	Lens ET-D75LE40 – 4.6-7.1:1
	Lens ET-D3LEW60 – 0.9-1.1:1
	Lens ET-D3LEU100 – 0.37:1

Equipment on this list is allocated on a **first come first served** basis, on presentation of a complete production planning and work flow schematics.  
Pool equipment cannot be reserved for any pending designs.