



*Performing Arts Division –
Technical Support Unit*

East Kowloon Cultural Centre

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Kowloon, HK

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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

V. 2025.09.19

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EKCC The Hall is equipped with advanced equipment including multi-directional immersive sound system, comprehensive 4K projection system, stage automatic tracking system and media servers, tailored for large-scale events.

DIRECTIONS

MTR

Kwun Tong Line,
Kowloon Bay Station, Exit B

Bus:

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

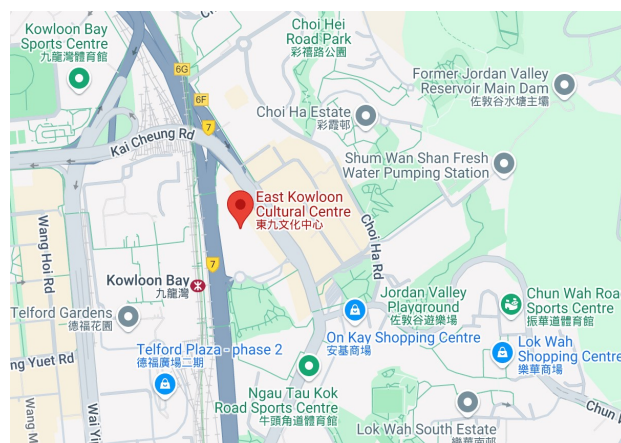
Eastern Harbour Tunnel → Kwun Tong Bypass → Kai Fuk Road → Kai Cheung Road → Ngau Tau Kok Road → Fuk To Street

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 2.95m (W x H)

Opening to side stage:
4.90 x 3.70m (W x H)

Opening to rear stage:
3.60 x 3.70m (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 Plaza

PARKING

Permit required



AUDITORIUM



Total Seating:	1200
Stalls:	716
Balcony:	484
Wheelchair Seats in 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 Proscenium	13.00 x 6.00m (W x H) min.

ACOUSTIC SHELL

Small Enclosure for 62 musicians	130m ²
Medium Enclosure for 90 musicians	190m ²
Large Enclosure for 105 musicians	219m ²

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 CL	5.00m

STAGE HEIGHT

Clearance under technical gallery	10.00m
Clearance under grid	26.50m
Max. computerized flying bar (generally)	24.00m

FORESTAGE / ORCHESTRA PIT (incur extra charge)

Small curved forestage/pit lift area (with a loss of 74 seats)	60.00m ²
Depth on CL	4.20m
<i>pit platform can be raised to stage level to form a bigger forestage</i>	
Big curved forestage/pit lift area (with a loss of 137 seats)	105.00m ²
Depth on CL	6.20m
<i>pit platform can be raised to stage level to form a bigger forestage</i>	
Pit setup provision with conductor platform, music stands, chairs, stools and music lights	

STAGE FLOOR

Flat black hardboard	750kg/m ² 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

House Curtain (Amber) - Motor Fly Variable speed electric

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 ² SWL

STAGE EQUIPMENT

Stage Drapery

Black masking	Leg	12	Flat	5.00 x 11.00m
	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
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
Chair	Musician Chair	120	
	High Stool	10	
	Cellist Stool	20	
Music Stand	Black	120	
Musical Instrument	Concert Grand Piano	2	Steinway & Sons (incur extra charge)
	Upright Piano	2	Yamaha YUS5
	Timpani	1 set	Adams Professional Generation II
			(incur extra charge)
Dance Tile <i>for dance show only</i>	Black		(Please allow time to lay the tiles during booking time)
Sprung Floor <i>for dance show only</i>	20.00 x 15.00m		(Please allow time to lay the tiles during booking time)
Stage Carpet <i>for Chinese Opera only</i>	Green	2	14.50 x 6.50m
Lectern		1	
Table		24	1.80 x 0.60m (W x D)
Lift and Ladder	Lifting Platform	5	<i>Operated by competent persons & prior approved by venue management only</i>

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

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

RUNNING WARDROBE

Washing machines, dryers, located at Running Wardrobe at LG/F.

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



LIGHTING

Power Circuit	ETC Digital Dimmer, 3kW	150
(in True1 Socket)	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

Additional Power	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.

Profile	750W	ETC	Source 4 15/30°	30
	750W	ETC	Source 4 25/50°	20
LED Profile	305W	ETC	Source 4 Lustr 3	40

Fresnel	250W	Silver Star	SS826XH	40
	360W	Robert Juliat	Fresnel ZEP2	50
	167W	ETC	Source 4 Lustr 2	20

LED Automated Lighting	480W	ETC	SolarFrame 1000	30
	480W	ETC	SolaWash 1000	30
	440W	ETC	SolaHyBeam 1000	10

PAR	1kW	Kupo	PAR64-FB	50
	180W	Silver Star	SS352XCEM	20

Cyclorama Light	400W	Altman	Spectra 400	8
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Ground Row	400W	Altman	Spectra 400	8	*No Yoke
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Follow Spot	2500W	Robert Juliat	Cyrano 1015BS: 3/80	4
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Strobe Light	740W	Martin	Atomic 3000 LED	4
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UV Light	120W	ADJ	UV COB Cannon 1X	4
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Fog Machine	1300W	Look Solutions	Viper NT	4
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Hazer	1500W	Smoke Factory	Tour Haze II	4
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Side light ladder on track				8	(4 on each side)
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Side light tower	6 (top)	2485 mm*
Height: Centre of lens to floor	5	2045 mm
	4	1605 mm*
	3	1165 mm*
	2	725 mm*
	1 (bottom)	285 mm*

Music Light				100
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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.

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:

http://www.emsd.gov.hk/emsd/eng/welcome/em_safety.shtml

SOUND

Sound System (Dante-based system)	Immersive Sound System	
	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
Main Control Console	DiGiCo Q7T	
	Mono Inputs	32
	Stereo Inputs	16
	Aux / Subgroup Outputs	32
	Matrix Outputs	16
Second Console	DiGiCo Q7T	
Stage Monitor	d&b audiotechnik E8	9
	d&b audiotechnik M4	14
Microphone	Dynamic Vocal Mic	
	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
	Dynamic Instrument mic	
	Shure SM57	2
	Shure Beta 57A	4
	AKG D112 MKII	1
	Condenser Mic	
	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
	Miniature Instrument Mic	
	DPA 4099 Core Rock Kit	1
Wireless Microphone	Sennheiser Digital 6000 Wireless Mic System	
	Including: Handheld – SKM 6000	14
	Body Pack – SK6212	20
D.I.	BSS AR133	6
	RNDI	8
	RNDI-S	4
	Radial USB-Pro	4
	Radial SB-5	2
CD/SD/USB Playback	Denon DN-500BD MKII	2
	Tascam C500B	2
	Tascam CDR-250N	2
Digital Cinema Projector (DCP)	4K Resolution	1
Induction Loop	At auditorium	
Simultaneous Translation System	3-language infra-red wireless simultaneous translation system (incur extra charge)	
LED Surtitle Display System	Horizontal LED Display Board	2
	Location – on both sides of the proscenium	
	Size of LED	205 x 102.5cm (W x H)
<u>COMMUNICATION</u>		
SM Desk	At stage left (max. four channels intercom system)	
Intercom System	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	
<u>PROJECTION</u>		
Multimedia Projector	Panasonic PT-RQ35K (at Designated Positions)	6
<u>SERVER</u>		
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)

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

POOLED SOUND EQUIPMENT LIST (Shared by all venues)

Microphone	Dynamic Vocal Mic	
	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
	Dynamic Instrument mic	
	Shure SM57	1
	Shure Beta 57A	8
	AKG D112 MKII	1
	AKG SE 300B	1
	Condenser Mic	
	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
	Miniature Instrument Mic	
	DPA 4099 Core Rock Kit	1
	DPA 4099 Core Class Kit X1	1

POOLED PROJECTION EQUIPMENT LIST (Shared by all venues)

Multimedia Projector & Lens	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.