



Performing Arts Division –
Technical Support Unit

East Kowloon Cultural Centre

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Kowloon, HK

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GENERAL SET-UP

The Theatre 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 Theatre FULL Technical Information

V. 2025.09.19

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EKCC The Theatre is a thrust stage setting brings performers closer to the audience, creating a more intimate and interactive performance environment.

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 for truck: 4.70m (H)
Truck Occupancy: 2 nos. 20-ft Container
Dock Height: 1.20m

Loading to Rear Stage Shutter Opening:
3.65 x 3.70m (W x H)

Opening to rear stage:
3.42 x 3.02m (W x H)

STAGE ENTRANCE

Ngau Tau Kok Road, facing Amoy Plaza

PARKING

Permit required



AUDITORIUM



Total Seating 536

Wheelchair Space: 4

REVERBERATION TIME 0.9-1.1s

(averages at 500Hz and 1kHz) :

PROSCENIUM

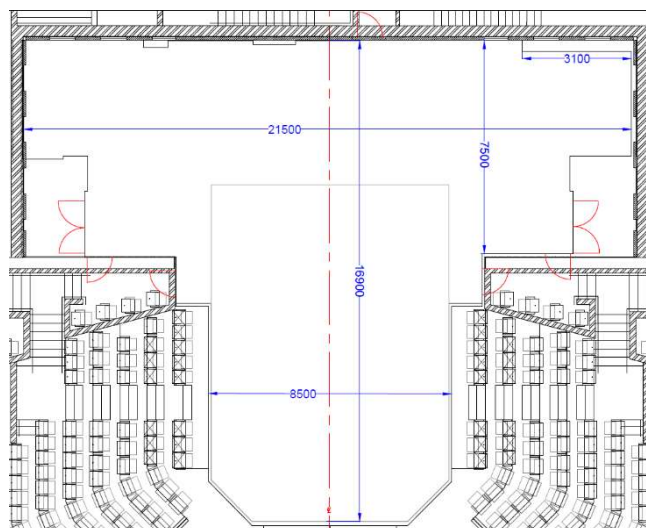
Structural Opening to upstage area 10.80 x 7.00m (W x H)

Adjustable Portal 7.20 x 4.90m (W x H) min.

STAGE WIDTH

Centreline to stage right edge 4.25m

Centreline to stage left edge 4.25m



STAGE DEPTH

Front stage edge to upstage edge of trap module 12.00m

Front stage edge to upstage wall 16.90m

STAGE HEIGHT

Thrust - Clearance under technical gallery 7.95m

Behind Structural Opening - Clearance under upstage grid 15.00m

Above Auditorium 0.42m

STAGE FLOOR

STAGE

Flat black hardboard 750kg/ m² SWL

Traps in modules on stage area 46

No. of modules 48

REAR STAGE

Width 21.50m

Width between the galleries 17.00m

Depth

Structural Opening to back wall 7.50m

Structural Opening to crossover gallery 4.25m

Height

Clearance under crossover gallery 9.60m

STORAGE SPACE

Backstage area

CROSSOVER

Ring corridor connecting vomitories, backstage and understage



RIGGING – Stage

Roller Beam (with chain hoist)	15
Hoist	15 (1 per beam)
Loading Capacity	500kg SWL
Minimum Beam Spacing	0.60m
Lighting Bar on Technical Gallery	50kg/m SWL

RIGGING – Upstage

Rigging System

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
Bars interval	0.20m
<i>See lineset schedule for location and availability.</i>	
Bar length	12.00m (4 bars) 7.00m (1 bar)
Loading Capacity	650kg SWL for 12.00m 500kg SWL for 7.00m
Side Bar	2 (1 on each side)
Bar diameter	48mm
Bar length	3.40m
Loading Capacity	300kg SWL
Light Ladder Bar	2 (1 on each side)
Bar length	2.00m
Loading Capacity	300kg SWL

Upstage Grid

Chain Hoist Track (with chain hoist)	4
Hoist	4 (1 per beam)
Capacity	500kg SWL

RIGGING – Rear Stage

Chain Hoist Track (with chain hoist)	4
Hoist	4 (1 per beam)
Capacity	500kg SWL

STAGE EQUIPMENT

Stage Drapery

House Curtain				6.50 x 8.00m
Masking	Legs	4	Flat	4.00 x 7.00m
	Borders	2	Flat	14.00 x 3.50m
	Half tab	2	Flat	7.00 x 7.00m
	Side Masking	4	Flat	4.00 x 8.00m
Cyclorama		1	Flat	12.00 x 7.00m
Black Gauze		1	Flat	12.00 x 7.00m
White Gauze		1	Flat	12.00 x 7.00m

Choir Riser	3 steps	3 sets	
	4 steps	3 sets	with Back Rail

Chair	Musician Chair	40
	High Stool	5

Music Stand	Black	40
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Musical Instrument	Concert Grand Piano	1	Steinway & Sons (incur extra charge)
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Lectern	1	
Table	12	1.80 x 0.60m (W x D)
Lift and Ladder	Lifting Platform	2
		<i>Operated by competent persons & prior approved by venue management only</i>

DRESSING ROOM

G/F	T1	15 persons [^]
(Stage)	T2	2 persons [#]
	T3	2 persons [#]
	T4	2 persons [*]
	T5	2 persons [*]
	T6	6 persons [#]
	T7	10 persons [*]
	T8	8 persons [#]

Production Office
Green Room

[#] Dressing rooms fitted with accessible toilet and shower

^{*} Dressing rooms fitted with toilet and shower

[^] Dressing rooms fitted with changing compartment.

Temporary quick change facilities are available by request.



RUNNING WARDROBE

Washing machines, dryers, located between dressing room T5 & T7.

Sewing machines, iron & boards, and steamers can be loaned from Resident Stage Management Section.

LIGHTING

Power Circuit	ETC Digital Dimmer, 3kW	30
	ETC Digital Dimmer, 5kW	4
(in True1 socket)	ETC Sensor3 Digital ThruPower Dimmer, 3kW	79
	ETC Sensor3 Digital ThruPower Dimmer, 5kW	5
	ETC Sensor3 Relay Power Control Modules	95

Additional Power	63A 3-phase Socket	1
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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 Light console located in Lighting Control Room.

Portable Console grandMA3 Light

House Light DMX controlled, controlled via control board in Lighting Control Room.

Profile	750W	ETC	Source 4 Profile 15/30°	20
	750W	ETC	Source 4 Profile 25/50°	16
LED Fresnel	167W	ETC	Source 4 Lustr 2 Fresnel	20
LED Automated Lighting	400W	HES	SolaPix 7	16
	480W	HES	SolaWash 1000	18
	440W	HES	SolaHyBeam 1000	10
	850W	Robe	T2 Profile	20
PAR	180W	Silver Star	SS352XCEM	30
	1kW	Kupo	PAR64-FB (CP61)	20
Cyclorama Light	400W	Altman	Spectra 400	4



Ground Row	400W	Altman	Spectra 400	4	*No Yoke
Strobe Light	740W	Martin	Atomic 3000 LED	2	
UV Light	120W	ADJ	UV COB Cannon 1X	2	
Fog Machine	1300W	Look Solutions	Viper NT	2	
Hazer	1500W	Smoke Factory	Tour Haze II	2	
Side Light Ladder				2	
Side Light Tower		6 (top)	2485 mm*	4	
Height: Centre of lens to floor		5	2045 mm		
		4	1605 mm*		
		3	1165 mm*		
		2	725 mm*		
		1 (bottom)	285 mm*		

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 upon 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 equipment 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 concerns. Website reference:

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

SOUND

Sound System (Dante-based System)	Main System		
	d&b audiotechnik Vi10P	8	(Fix-installed)
	d&b audiotechnik Vi-SUB	4	(Fix-installed)
	Fill System		
	d&b audiotechnik E8	14	(Fix-installed)
	d&b audiotechnik 44S	11	(Fix-installed)
	Surround System		
	d&b audiotechnik E8	16	(Fix-installed)
	Processor		
	d&b audiotechnik DS100 Signal Engine	1	
Stage Monitor	d&b audiotechnik M4	10	
Amplifier	d&b audiotechnik 10D	2	(Fix-installed)
	d&b audiotechnik 30D	3	(Fix-installed)
Main Control Console	DiGiCo SD12		
	Mono Inputs	32	
	Stereo Inputs	16	
	Aux / Subgroup Outputs	12	
Second Console	DiGiCo SD12	1	
Microphone tie line	Each side of the stage	24	
	Upstage Centre	8	
	Auditorium	8	



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	4
	Sennheiser MKH 8040	6
	Sennheiser MKH 8050	2
	Sennheiser MKH 8070	2
	Neuman KM184	6
	Neuman KM185	6
	Shure Beta 52A	1
	AKG C414 XLS	6
	DPA 4055	4
	Shure Beta 87A	2
	Miniature Instrument Mic	
	DPA 4099 Core Class Kit X1	1 set
Wireless Microphone	Sennheiser Digital 6000 Wireless Mic System	
	Including: Handheld – SKM 6000	8
	Body Pack – SK6212	8
D.I.	BSS AR 133	2
	RNDI	8
	RNDI-S	4
	Radial USB-Pro	4
	Radial SB-5	2
CD/SD/USB Playback	Denon DN-500BD MKII	2
	Tascam CD500B	2
	Tascam CDR-250N	2
Induction Loop	Auditorium Area	
Simultaneous Translation System	3-language infra-red wireless simultaneous translation system (incur extra charge)	
LED Surtitle Display System	Horizontal LED Display Boards	2
	Location - On both sides of the proscenium	2
	Size of LED Board	205 x 102.5 cm (W x H)
<u>COMMUNICATION</u>		
SM Desk	At stage right (max. four channels intercom system)	
Intercom System	Auditorium, stage and backstage	
	4-channel Main Station	1 set
	Wired Intercom	10 sets
	Wireless Intercom	8 sets
Cue Light System	Portable	8 sets



Paging and Show Relay System

Dressing room and backstage area

PROJECTION

Multimedia Projector	Panasonic PT-RQ35KE (at Designated Positions)	3
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SERVER

Media Server

VIDEO STREAMING & RECORDING

Streaming

PTZ Camera	Panasonic AW-UE160 (at Designated Positions)	7
Remote Control Panel	Panasonic AW-RP150	2
Camera Stand	Panasonic Polecam PanaPod	2
Video Switcher	Sony XVS-G1 with 1M/E 16 Button Control Panel	1
Streaming Encoder	Matrox Monarch Edge	1
Video Recorder	BMD HyperDeck Studio 4K Pro	9

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	480W	HES	SolaFrame 1000	30
Lighting	480W	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 complete production planning and work flow schematics.
Pool equipment cannot be reserved for any pending designs.