



Ngau Chi Wan Civic Centre – Theatre

FULL Technical Information

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Performing Arts Division – Technical Support Unit

Ngau Chi Wan Civic Centre

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GENERAL SET-UP

The Theatre operates on a 'bare-walls' 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 Technical Manager for any other equipment and technical enquiry.



The Ngau Chi Wan Civic Centre Theatre is a traditional proscenium theatre designed and fully equipped for staging Chinese Opera, Dance, Drama, Musicals and variety performances.

DIRECTIONS

MTR:

Kwun Tong Line,
Choi Hung Station, Exit B

Freeway:

Choi Hung Interchange →
Lung Cheung Road / Kwun
Tong Road / Clear Water
Bay Road / New Clear
Water Bay Road



LOADING

Loading Shutter at tail board height:
3.00 x 3.00m (W x H)

Hoist System with maximum loading
500kg

Passenger lift:

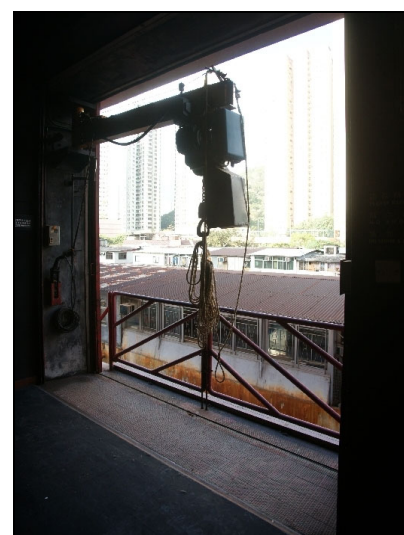
Door: 1.10 x 2.10 m (W x H)
Inside: 2.30 x 1.90 x 1.70 m (H x W x D)

STAGE ENTRANCE

From Building Foyer by Passenger lift.

PARKING

Nil





AUDITORIUM



Seating Capacity: 354

PROSCENIUM

Structural Opening

9.40 – 5.28m (W x H)

STAGE WIDTH

Main stage width

13.51m

Centerline to stage left wall

6.99m

Centerline to stage right wall

6.52m

STAGE DEPTH

Rear of Proscenium to rear-stage shutter

10.80m

Rear of Proscenium to Black Backcloth (Bar 35)

9.30m

Rear of Proscenium to Cyclorama (Bar 34)

9.20m

Rear of Proscenium to the edge of the trap door

3.70m

Rear of Proscenium to forestage apron on centre line

2.40m

STAGE HEIGHT

Clearance under fly floors

7.83m

Clearance under grid

12.70m

Maximum counterweight bar flying height

12.10m

Above Auditorium

1.00m

FORESTAGE / ORCHESTRA PIT

Not available

STAGE FLOOR

Flat black surface – 6mm hardboard

1 trapdoor at CS

2.07 x 1.08m (W x D)

Dip traps full depth of stage

SIDE STAGE

Opening SL

8.50 x 2.60m (D x H)

Opening SR

5.30 x 2.60m (D x H)

Side stage area SL

4.00 x 8.50m (W x D)

Side stage area SR

2.50 x 5.30m (W x D)

Lightweight suspension grid

2 self-sustaining fixed bar for side masking

9.90m (L), SWL 200kg

REAR STAGE

Nil



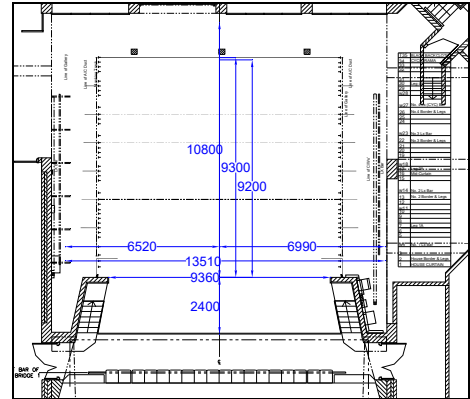
The fire shutter is treated as a safety curtain by FSD and cannot be obstructed by scenery, equipment or stage wagon in production.

STORAGE SPACE

Store area at side stage with limited space.

CROSSOVER

At rear of stage



RIGGING

House Curtain (Light Grey) fly in/out

Motorized

Rigging System

- Double purchase counterweights 27
- Winch sets (Bar no. 4, 11, 14, 18, 23, 27 & 28) 7 (For rigging lighting equipment only)
- Fixed Track (Bar no. 35) 1
- Side Legs 7 per side
- Bar diameter (generally) 48mm
- Bars distance (generally) 0.20m
- Capacity (generally) 250kg SWL
- Bar length – 10.20 m with obstruction to side bars
- Bar W1 carries the house curtain
- Bar W27 carries the cyclorama lighting bar
- Bar 34 carries cyclorama cloth
- Bar 35 carries the black rear curtain
- Side Bars 1 per side

STAGE EQUIPMENT

Stage Drapery

Black masking	legs	14	flat	1.50 x 6.25m	
	borders	4	flat	10.20 x 2.50m	
	half tab	2	fullness	6.00 x 6.00m	Fixed installation on Bar 16 (mid curtain)
	black curtain	1	flat	11.2 x 7.15m	Fixed installation on Track T35 (rear curtain)
	side masking leg	16	flat	1.50 x 7.22m	Side Masking
Cyclorama		1	flat	10 x 6.35m	Bar 34 (general rig)

Orchestra Riser

Wenger Trouper®

Aluminum frame platform.
Chair rails and guard rails available.
No drilling or painting.

2.40 x 1.20m (W x L)	203mm(H)	6 Sets
	407mm(H)	6 Sets

Choir Riser (3 steps) Wenger Tourmaster 5 Sets (For approx. 60 persons)

Acoustic Shell Wenger Travelmaster 1 Set (5 acoustic shells)

Musician Chair 60

High Stool 2

Music Stands 50



Dancing Flooring		Black/Grey reversible for main stage	
<i>for dance show only</i>		<u>(Please reserve time to lay the tiles during booking time)</u>	
Stage Carpet	Green	1	(8.5X6.5m, for Cantonese Opera and Operatic Songs concerts only)
Instrument	Concert Grand Piano	1	Kawai GS-100
	Timpani	1 set	4 sizes (23", 26", 29", 32") (extra charges incurred)
	Chinese Timpani	1 set	18"
Lift and Ladder			
Aerial lifts		1	<i>operated by competent person & prior approved by venue management only.</i>

DRESSING ROOM

Level 2 (Stage) 2 for 2 seats
 Level 3 2 for 10 seats
All dressing rooms are fitted with private shower
 Quick change facilities can be temporary arranged when required.



RUNNING WARDROBE

Not available.
Steamer, Irons & boards upon request from Resident Stage Management

LIGHTING

Dimmer	120 nos. of 3kW locating at 4/F				
Control Board	ETC GIO, with full backup control facilities, controllable of maximum 2048 circuits, located in Lighting Control Room at rear of Auditorium.				
Houselight	Dimmer controlled. Controlled independently or via lighting control board.				
Circuit	120 x 3kW production lighting circuits, fixed wiring type, circuits are terminated to 15A socket outlets to UK standard respectively on the production lighting boxes, distributed at various locations throughout the Stage and lighting bridges.				
Additional Power	1 set 63Amp 3-phase CEE form socket, located in Stage Right wall for temporary cable connection. Connection must be conducted by a local registered electrical worker. Hirer shall supply adequate circuit protective devices for all bring in electrical installation.				
Front of House Position	FOH Lighting Bridge no.1, 6.87m throw at 39.9 degree FOH Lighting Bridge no.2, 9.17m throw at 36.4 degree (apron)				
Profile	750W	ETC	Source 4 15°-30°	16	FOH Bridge
		ETC	Source Four LED Series	12	FOH Bridge
			2 Lustr Profile 15°-30°		
	750W	ETC	Source 4 25°-50°	32	Stage
	750W	ETC	Source 4 25°-50°	24	Sidelight towers
Fresnel		ETC	Source Four LED Series	24	Stage
			2 Lustr Fresnel		
	1kW	Selecon	Compact	2	FOH Bridge
	1kW	Selecon	Compact	14	Stage



Cyclorama Light	133W	ETC	ColorSource CYC	5	Top (Bar W27)
Ground Row	133W	ETC	ColorSource CYC	5	Bottom (On Floor)
LED Automated Lighting	270W	Highend	SolaFrame 750	4	Fixed Installation at Lighting Slot
LED Follow Spot	400W	Ushio	Sai-500	2	Auditorium Bridge
Effects Projection	2.5W	White Light	325 LFX	2	Optical effect moving drive
	Effects		Fleecy clouds	1	
			Storm clouds	1	
			Rain	1	
			Snow	1	
			Fire	1	
			Water	1	
Animation Projection	Effect Disc	DHA	Cloud	1	
			Flame	1	
			Rain	1	
			Snow	1	
Smoke Generator		Look Solutions	Viper NT	2	
Strobe Light	3kW	Martin	Atomic 3000	2	
UV Light	120W	Wildfire	VioStorm VS-120	2	
Other	Side light tower			6	
	Tower equipment setup:	4(top)	Source 4 25°-50°		1600mm*
		3	Source 4 25°-50°		1170mm*
		2	Source 4 25°-50°		740mm*
		1 (bottom)	Source 4 25°-50°		340mm*
	* = Height the equipment from the centre of lens to the floor				
	High Stand		Doughty Shadow	6	
			Combo Stand G203501		
	Floor Stand		Kupo 355 Universal	12	
			Floor Stand		
	Music stand light			20	
Iris & Gobo Holder		<u>Iris</u>	<u>Holder</u>	<u>Holder</u>	<u>Gobo</u>
Spotlight Applicable		<u>Qty.</u>	<u>Qty.</u>	<u>Type</u>	<u>Size</u>
	Source Four	10	15/15	A/B	100/86mm
					68-75/65mm

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.

Hirer will be provided with basic lighting only, from available hung equipment, if technical preparation time is less than 2 hours in the booking.

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". Please contact the venue management for any electrical safety concern. Website reference:

https://www.emsd.gov.hk/en/electricity_safety/index.html



SOUND

Sound System	L-Acoustics Sound System A10i Wide (Upper/Mid) & A10i Focus (Lower) X8 5XT X8 KS21i	3 (Each side) 1 (Center Fill) 6 (Front Fill) 17 (Surround Speaker) 4 (Subwoofer)
Main Control Console	Soundcraft Vi 2000 mixing console with 32 Mono inputs, 1 Main stereo output, 8 AUXs, 8 Group outputs, 8 Matrix outputs	
Microphone line	tie Both side of the stage	20 (total)
Microphone	Shure Beta 57A Shure Beta 58A Shure MX412 Neumann KM84 Neumann KM184 Sennheiser MKH816P48U-3 gun mic AKG C535 EB AKG C414 Crown PCC-160 DPA VO 4099 Lo DPA 2011C	10 6 2 4 4 3 4 4 4 4 4
Wireless Microphone	Shure ADX1M Bodypack transmitter (with Shure TL47 Lavalier) Shure ADX2 Handheld transmitter (with Beta87A Capsule) Max. 8 units with a minimum booking of 2 sessions (extra charge incurred)	8 8
Stage Monitor	L-Acoustics X12	8
CD	Tascam SS-CDR250R Tascam SS-R250N	4 2
Accessories	BSS AR 133 Direct Box	4
DLP Projector	Panasonic PT-RZ21K	1
LED surtitle board system	Horizontal LED Display Boards <i>(extra charge incurred)</i> Default font color : White Two (2) Horizontal display boards fixedly installed on the left and right sides of lighting slot. Display English, Chinese or English and Chinese texts simultaneously. Size of LED board : 150cm x 75 cm (WxH) The system will display in four lines per page. Each line for maximum 13 Chinese words or approximate 20 English alphabets, include punctuation mark. Surtitle input and stored in Microsoft® Word (*.docx) or text (*.txt) file format. The control computer was set inside control room at the back of auditorium. Display on ALL boards will be identical. LED board is set up within booking period when two sessions or more are booked. Setup time normally requires one hour.	2 sets



COMMUNICATION

Stage managers control panel at stage left
Cue light system (3pcs.)
One channel intercom system for stage, lighting and sound
Two channels intercom system (only for the rehearsal sessions)
Paging and show relay system
Close Circuit TV system
Production desk can be set at the middle of the stall upon request

**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 Production with a Lighting Designer

Par Light	1kW	Strand	Par 64 CP60	18
	1kW	Strand	Par 64 CP61	18
	750W	ETC	Source Four Par EA	12
	750W	ETC	Source Four ParNel	10

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 Production with a Sound Designer

Console	Yamaha 02R	1
Speaker	JBL EON Power 10	1
	YAMAHA MSP3	2
	L-Acoustics X8	2
Microphone	Shure SM58	3
CD Player	Tascam CD-450	2
LCD monitor	JVC LT-19A1 LCD TV	1
	SWIT S-1093F (9" LCD Monitor)	1
DVD	Panasonic DMR-EH59	1 (extra charges incurred)

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