



**Performing Arts  
Division –  
Technical Support  
Unit**

**Ngau Chi Wan  
Civic Centre**  
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Municipal Services  
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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.*

# Ngau Chi Wan Civic Centre – Theatre

## FULL Technical Information

V. 2024.10.21

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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

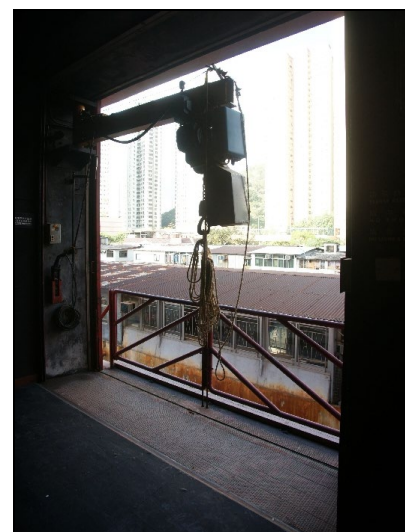
Passenger lift:  
Door: 1.10 x 2.10 m (W x H)  
Inside: 2.30 x 1.90 x 1.70 m (H x W x D)

**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

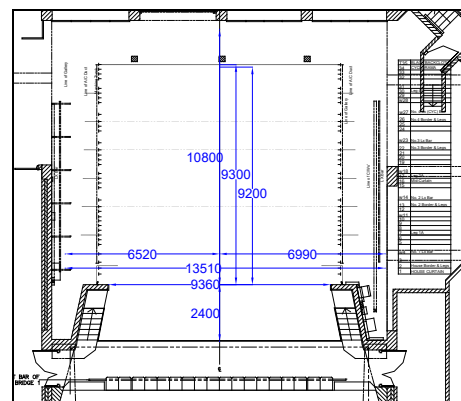
60

High Stool

2

Music Stands

50



<b>Profile</b>	750W	ETC	Source 4 15°-30°	16	FOH Bridge
	270W	ETC	Source Four LED Series 2 Lustr Profile 15°-30°	12	FOH Bridge
	750W	ETC	Source 4 25°-50°	24	Stage
	750W	ETC	Source 4 25°-50°	8	Lighting Slot
	305W	ETC	Source Four LED Series 3 Lustr X8 Zoom 25°-50°	24	Sidelight towers



<b>Fresnel</b>	1kW	Selecon	Compact	3	FOH Bridge
	1kW	Selecon	Compact	4	Stage
	167W	ETC	Source Four LED Series 2 Lustr Fresnel	24	Stage
<b>Cyclorama Light</b>	133W	ETC	ColorSource CYC	5	Top (Bar W27)
<b>Ground Row</b>	133W	ETC	ColorSource CYC	5	Bottom (On Floor)
<b>LED Automated Lighting</b>	270W	Highend	SolaFrame 750	4	Fixed Installation at Lighting Slot
	430W	ETC	Halcyon Gold	6	Stage

**LED Automated Lighting requires time for setup and programming. Venue provides general operations and pre-programmed effects only. Hirers shall supply their programmer for designer programming and operation.**

<b>LED Follow Spot</b>	400W	Ushio	Sai-500	2	Auditorium Bridge
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<b>Smoke Generator</b>		Look Solutions	Viper NT	2	
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<b>Strobe Light</b>	3kW	Martin	Atomic 3000	2	
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<b>UV Light</b>	120W	Wildfire	VioStorm VS-120	2	FOH Bridge
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<b>Other</b>	Side light tower			6	
	Tower equipment setup:	4(top)	ETC LED Series 3 Lustr X8 Zoom 25°-50°		1600mm*
		3	ETC LED Series 3 Lustr X8 Zoom 25°-50°		1170mm*
		2	ETC LED Series 3 Lustr X8 Zoom 25°-50°		740mm*
		1 (bottom)	ETC LED Series 3 Lustr X8 Zoom 25°-50°		340mm*

**\* = Height the equipment from the centre of lens to the floor**

High Stand	Doughty Shadow	6
Floor Stand	Combo Stand G203501	
	Kupo 355 Universal	12
Music stand light (Cabled)	Floor Stand	20

<b>Iris &amp; Gobo Holder</b>	<u>Iris</u>	<u>Holder</u>	<u>Holder</u>	<u>Gobo</u>	<u>Image</u>
<b>Spotlight Applicable</b>	<u>Qty.</u>	<u>Qty.</u>	<u>Type</u>	<u>Size</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](https://www.emsd.gov.hk/en/electricity_safety/index.html)**





## **SOUND**

<b>Sound System</b>	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)
<b>Main Control Console</b>	Soundcraft Vi 2000 mixing console with 32 Mono inputs, 1 Main stereo output, 8 AUXs, 8 Group outputs, 8 Matrix outputs	
<b>Microphone tie line</b>	Both side of the stage	20 (total)
<b>Microphone</b>	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
<b>Wireless Microphone</b>	Shure ADX1M Bodypack transmitter (with Shure TL47 Lavalier) Shure ADX2 Handheld transmitter (with Beta87A Capsule) <b>Max. 8 units with a minimum booking of 2 sessions (extra charge incurred)</b>	8 8
<b>Stage Monitor</b>	L-Acoustics X12	8
<b>CD</b>	Tascam SS-CDR250R Tascam SS-R250N	4 2
<b>Accessories</b>	BSS AR 133 Direct Box	4
<b>DLP Projector</b>	Panasonic PT-RZ21K	1
<b>LED surtitle board system</b>	Horizontal LED Display Boards (Incur extra charge)  Location:  Display Text:  Character Support:  Size of LED board:  Default font color : White  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.	2 sets  Under lighting slot of the proscenium on both sides 4 rows per display  Traditional Chinese, Simplified Chinese and English  150 x 75 cm (W x H)



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.

#### **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**

Profile	750W	ETC	Source Four Zoom 25° -50°	18
Fresnel	1kW	Selecon	Compact	6
Cyclorama Light	133W	ETC	ColorSource CYC	2
Par Light	1kW	Strand	Par 64 CP60	10
	1kW	Strand	Par 64 CP61	10
	750W	ETC	Source Four ParNel	6

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**

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