

# CLOUD GATE THEATER

## Technical Information

Last Update : 20240422

### STAGE DIMENSION

Proscenium Structural opening	1457cm(W) x 805cm(H)
PL to rear wall	1894cm
PL to 1 <sup>st</sup> pipe	116cm
PL to last pipe	1184cm
Stage level to rigging i-beam	1693/1760cm
CL to SR wall	1510cm
CL to SL wall	1350cm
Stage floor	Parquet floor with teak color of wood. Nailing and drilling on the stage floor is prohibited.  Plastic dance floor(Marley), Black: 2roll, 2m(W) x 14.5m(L) 6roll, 2m(W) x 17m(L)

### LOADING

Access	Loading gate located on the 1 <sup>st</sup> floor, one level lower stage. It is required to take loading elevator to stage level for large scenery pieces and touring racks.
Dimensions	Loading dock entrance : 460cm(W) x 250cm(H) Dock height : 95cm Loading gate : 435cm(W) x 260cm(H) Loading elevator entrance : 470cm(W) x 260cm(H)
Loading elevator	Dimensions of the elevator : 580cm(W) x 240cm(D) Static load : 500kg/m <sup>2</sup> Dynamic load : 250kg/m <sup>2</sup>

### RIGGING SYSTEM

Rigging control system	Trekwerk-TNM Control System Computer controlled 32 flying bar Fly space : 0~16m Speed : 0~1.8 m/s
Safety working load	350kg
Dimensions of bar	Bar diameter : 48mm Bar length : 1695cm, 15cm pipe extension at both ends.

### DRAPERY

Main curtain	1 piece, flat, black velveteen, 1600cm (W) x 800cm(H)
Borders	5 pieces, flat, black velveteen, 1900cm (W) x 400cm(H)
Legs	10 pieces, flat, black velveteen, 400cm (W) x 1000cm(H)
Back drop	1 piece, flat, black velveteen, 1600cm (W) x 800cm(H)
Projection screen	1 piece, white, 1600cm (W) x 850cm(H)
Scrim	1 piece, white sharkstooth scrim, 1900cm (W) x 1000cm(H) 1 piece, black sharkstooth scrim, 1500cm (W) x 780cm(H)

### LIGHTING SYSTEM

Control console	ETC ION w/ 20 channel universal fader wing
Dimmer	ETC Sensor 3 Specification : 120V, 20A per circuit, 192 circuit in total
Lighting circuit layout	a. Gallery : 120 circuit, circuit No. 1-120 b. Tension wire grid-working path : 60 circuit, circuit No. 121-180 c. Down stage floor : 6 circuit, circuit No. 181-186 d. Tension wire grid-stage side : 6 circuit, circuit No. 187-192

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Lighting Instrument Inventory	8x ETC Source-4 10°
	30x ETC Source-4 19°
	30x ETC Source-4 26°
	30x ETC Source-4 36°
	6x ETC Source-4 50°
	30x 1kw PAR-64 (Lens choices : WFL, MFL, NSP, VNSP)
20x ETC PAR (Lens choices : MFL, NSP, VNSP)	
24x 2kw 8" Fresnel (Robert Juliet 329CHF)	
8x 1kw 3-way Liner CYC (Selecon Aurora)	
	Accessories :
	Color frame, Gobo holder, Drop in Iris (Source Four)
Working Lift	Genie AWP30S (110V AC)
Additional power panel for lighting	Locations : SL, Gallery
	Specification : 3Ø4W 220/380V 100A, bare-end connection
	Locations : SL, USR, Gallery and Tension wire grid
	Specification : 3Ø4W 120/208V 200A, Cam-lock connectors
Accessories	Extension cable, Multi-cable, Pigtail, Y-cord, Barn door, Boom base and Boom pipe
<b>SOUND SYSTEM</b>	
Mixing console	Manufacturer : Yamaha CL-3 Specification : 64ch Mono channels, 8ch Stereo in/out, 24 Mixing group, 8 Matrix output
Playback	a. 1x CD player, DENON DN-D4500MK2
	b. 1x HD recorder/ player, DATA VIDEO HDR-70
	c. 1x DVD player, Pioneer BDP-LX55
Loudspeakers	a. 8x Main speaker, Lynx Pro Audio LX-F6
	b. 2x Subwoofer speaker, Lynx Pro Audio LX-212S (Loudspeakers fixed on TWG)
Portable stage monitor speakers	4x Meyer UPJ-1p
Microphone	a. 2x SHURE SM-58LC
	b. 4x Sennheiser MKH416 (fixed on TWG)
	c. 4x Neumann KM184A
	d. 8x Sennheiser EM500G3 (fixed in I/O Rake)
	e. 4x Sennheiser SK 500G3 + ME2
	f. 4x Sennheiser SKM500 + E845
Additional power panel for sound	Locations : SL Specification : 1Ø3W 120/208V 50A, bare end connection
Intercom system	a. 1x Backstage region broadcasting system
	b. 2x Digital intercom main station, 4CH Clear-com HMS-4X
	c. 8x Digital intercom beltacks, Clear-com HBP-2X
Stage monitoring system	Panasonic AW-HE870, 3CCD
<b>AUDITORIUM/ standard seating</b>	
2F and lobby area	1 <sup>st</sup> row : 15 seats in total, portable chairs.
	2 <sup>nd</sup> to 11 <sup>th</sup> rows : 240 seats in total, retractable seating system.
3F and box area	3F Area : 151 seats in total, permanent seating, 2 wheelchair seating included.
	Box Area : 19 seats in total, portable chairs.
standard seating capacity	425 seats in total

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### **PUBLIC SPACE and FACILITY**

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	Location : 4 <sup>th</sup> and 5 <sup>th</sup> level The 4 <sup>th</sup> floor : 1 group dressing room for 15 persons The 5 <sup>th</sup> floor : 1 group dressing room for 10 persons
Dressing room	Facilities : Chairs, tables, mirrors, lights, full-length mirrors, 110V sockets, portable costume racks, stage monitoring LCD TVs, synchronized clocks with stage
Rehearsal room	Location : B2 level Dimension : 2100cm (L) x 1300cm(W) x 360cm(H) Wooden floor, black plastic dance floor(Marley), mirror walls, bars and sound
Projector room	1 projector room on the 4 <sup>th</sup> floors with working table and chairs.

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### **OTHER EQUIPMENT**

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Costume related	a. 4x Portable costume rack b. 2x Portable full-length mirror c. 20x Portable make-up mirror d. 1x Upright steamer
Miscellaneous	6x Table 20x Chair 2x Step ladder 9x Marley(Black/Gray) 200cm(W) x 1450cm (L) x2 200cm(W) x 1700cm (L) x6 200cm(W) x 1080cm (L) x1

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### **CONTACT NUMBER in CLOUD GATE THEATER**

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Telephone	+886-2-2629-8558
Fax	+886-2-2629-8755
House Management	Ext No. 3503/ 3504
Programs & House Booking	Ext No. 3401/ 3402
Box Office	Ext No.1

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