RECITAL HALL

TECHNICAL SPECIFICATIONS

國家兩廳院
NATIONAL THEATER & CONCERT HALL

VERSION NOTES

Previous Version: Before December 03, 2024

Updated Version: January 31, 2026

National Theater & Concert Hall- Recital Hall Technical Specifications (Digital Edition)

“Guidelines for Rental of Venue Equipment and Services” (Digital Edition / Mandarin Only)

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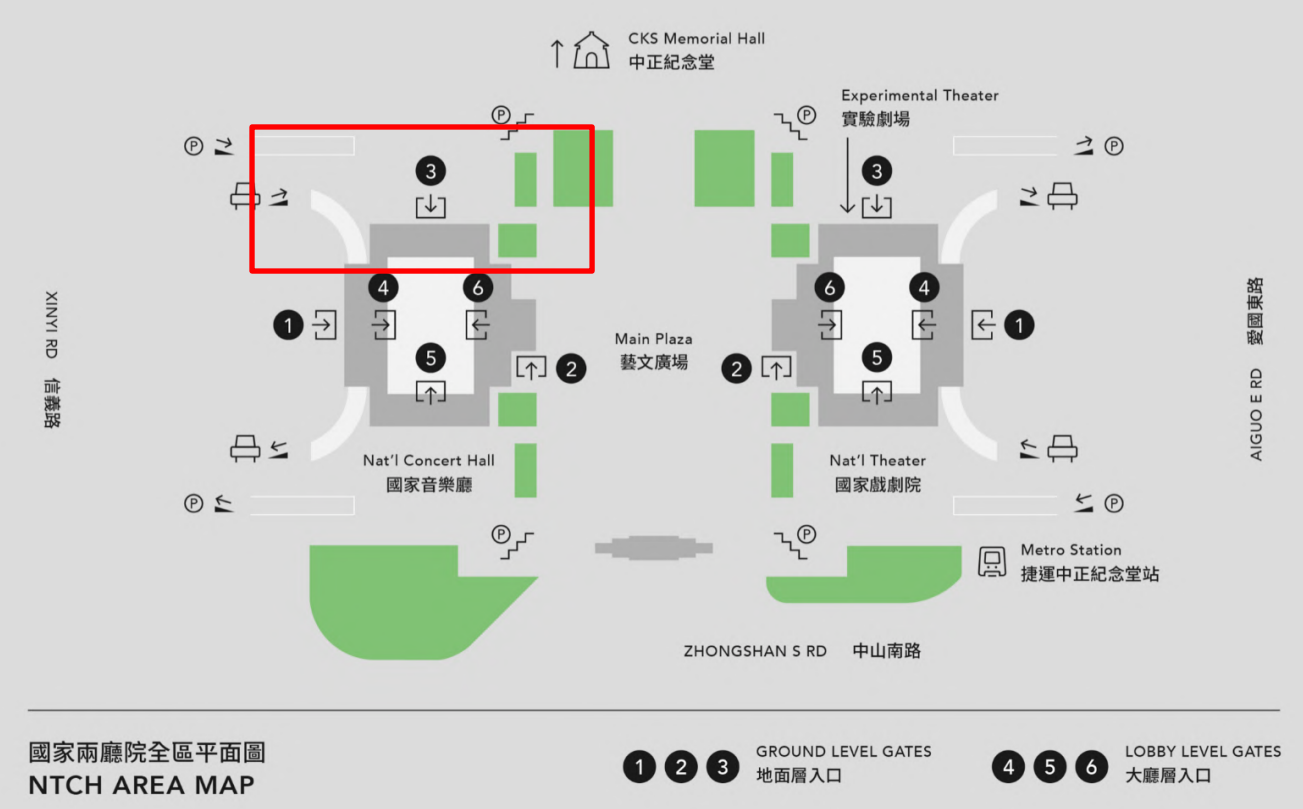
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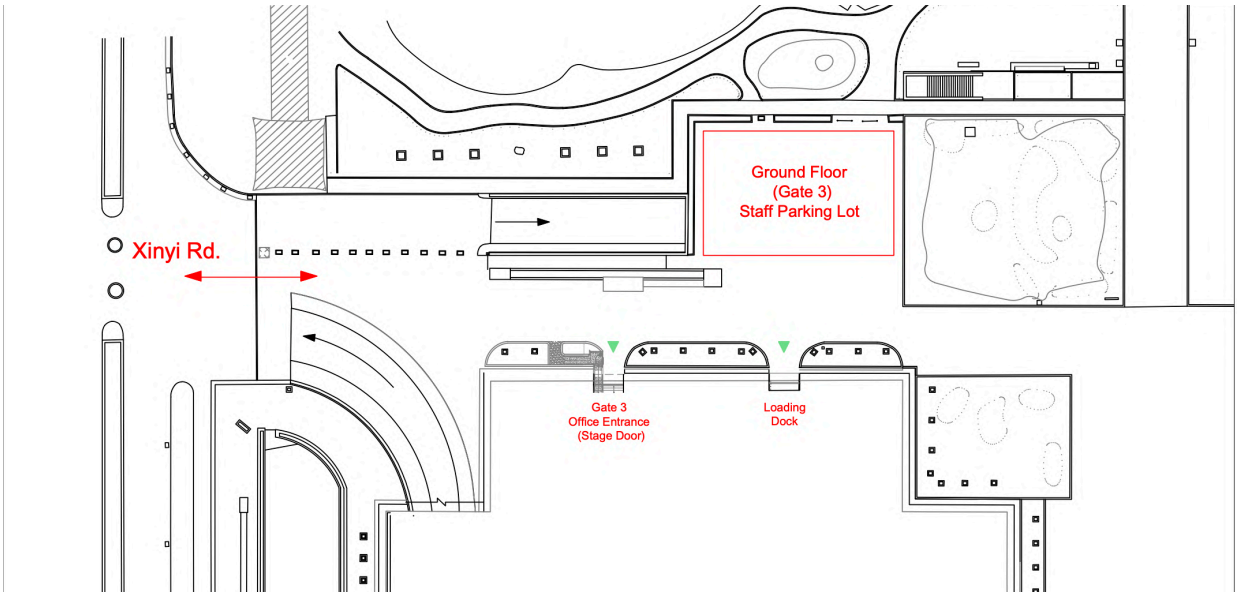
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GENERAL INFORMATION

I LOCATION



▲**Overall Plan** - The red boxed area indicates the staff and vehicle access. Refer to the next page for more information.



▲ Staff Parking

- The Concert Hall is on Xinyi Rd.
- Motorcycles access via Xinyi Rd.

II OFFICE ENTRANCE (STAGE DOOR)

GROUND FLOOR (GF)



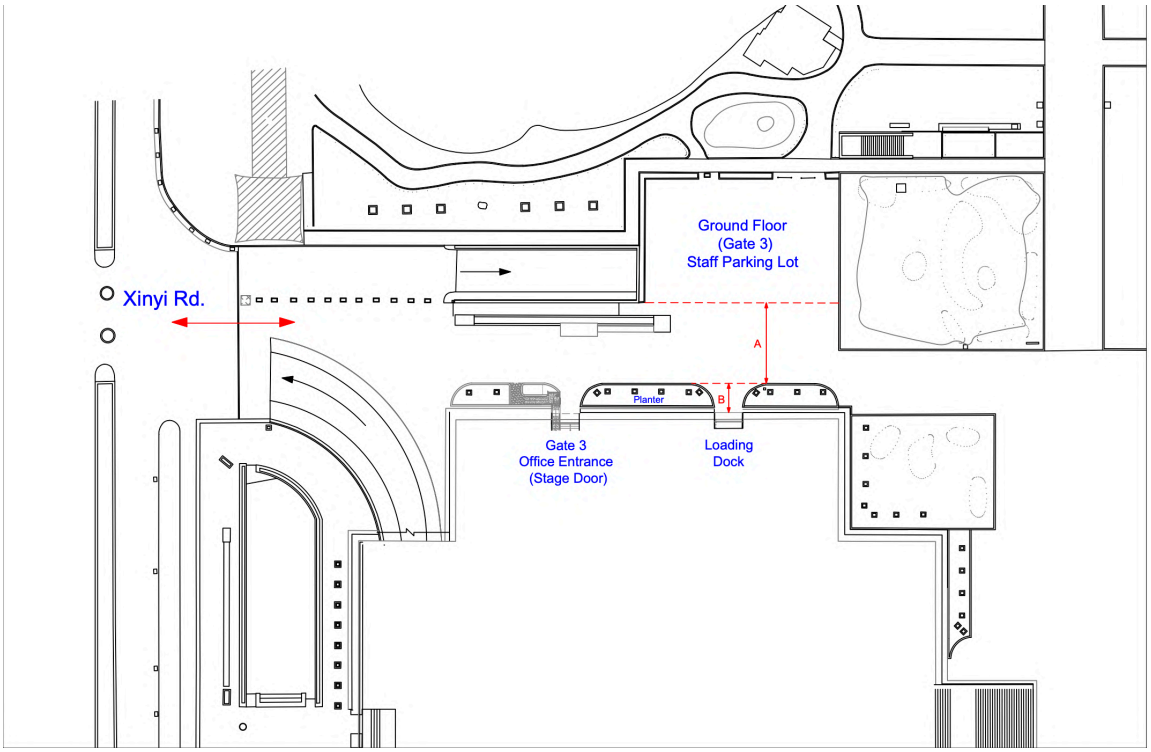
- Access is available at Gate 3 (Xinyi Rd.) and requires a valid Work Pass for entry.

BASEMENT (BF)



- Access is available at the office entrance (stage door) in the Parking Lot (Xinyi Rd.) and requires a valid Work Pass for entry.

III LOADING AREA



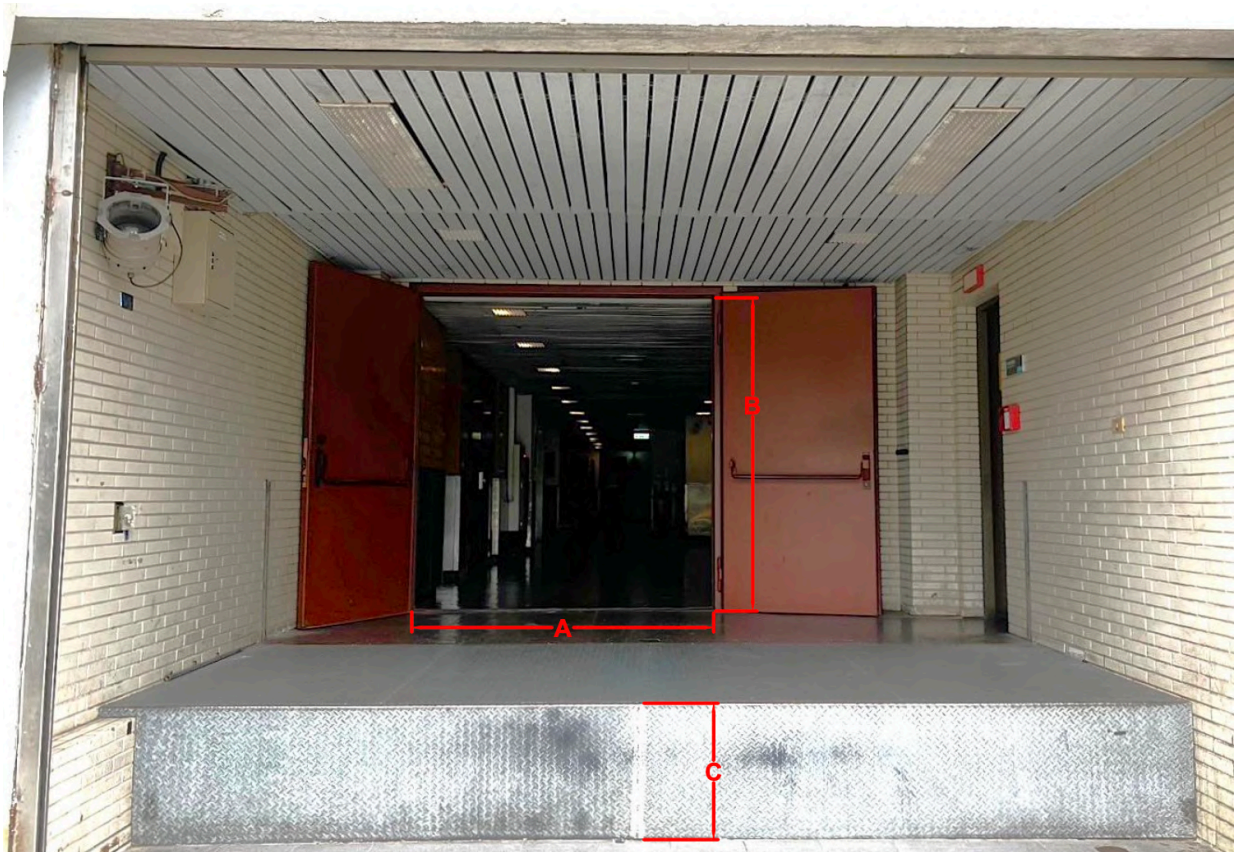
- Location: Next to Gate 3 (Xinyi Rd.)
- Access Limit : Trucks up to 17 tons (inclusive).
- Parking : Trucks may temporarily park by the loading dock next to the planter.
- Road width :

（A）Parking Lot to Planter: 7.6m

（B）Planter to Loading Dock: 5.8m

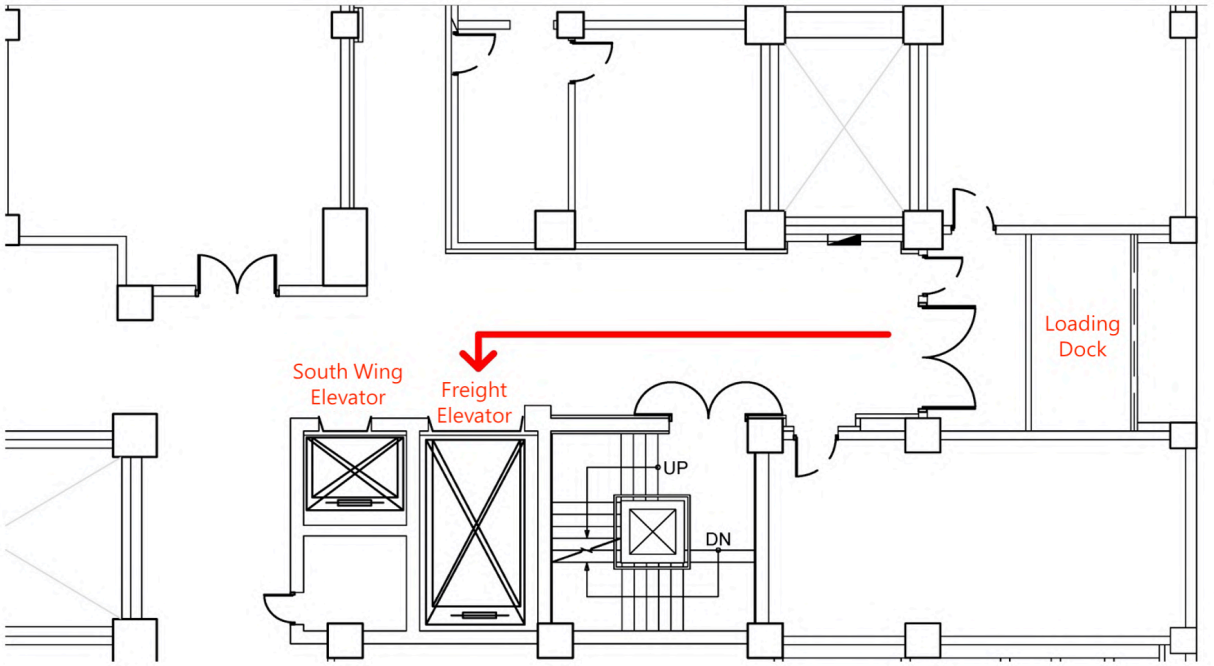
IV LOADING DOCK SPECIFICATIONS

SPECIFICATION



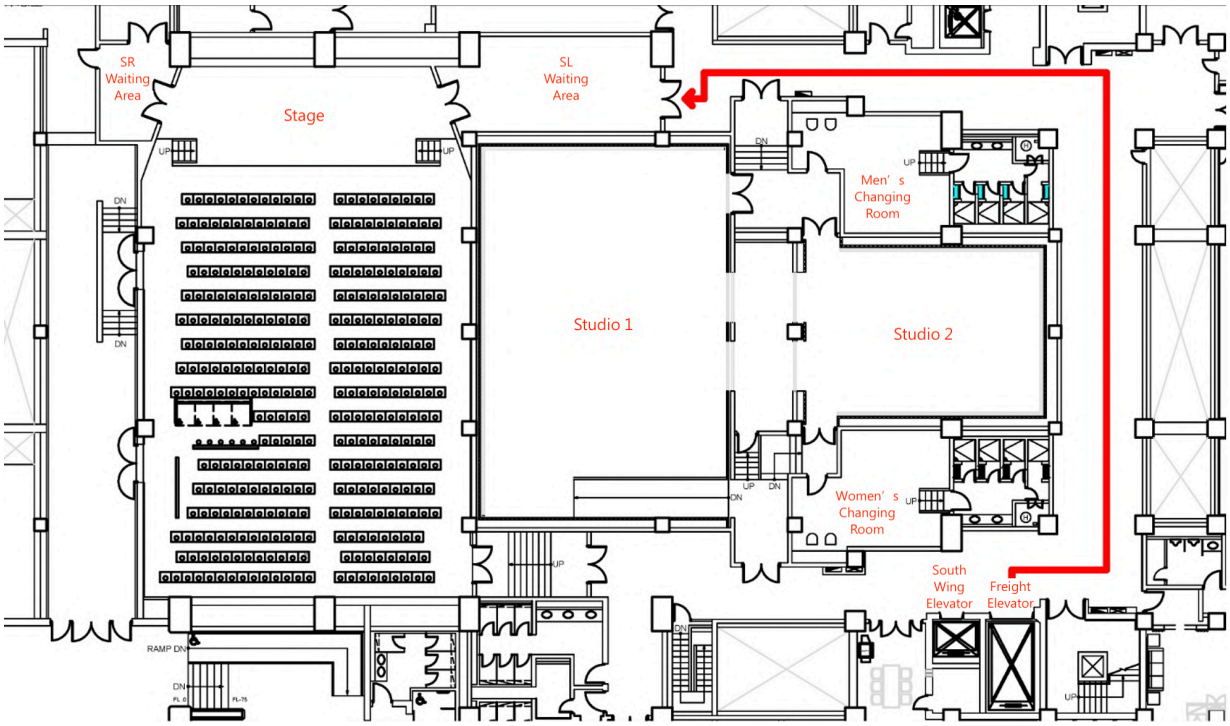
- Inner Door Dimensions : （A）2.25m x （B）2.37m (W x H)
- Loading Dock Height : （C）0.55m

ACCESS ROUTE (GF)



- Aisle in front of the Freight Elevator: 3.78m wide
- Indoor Clearance Height: 2.39m

ACCESS ROUTE (BF)



- From the freight elevator down to BF, proceed along the corridor via SL waiting area to the Stage.
- Stage Entrance: 1.83m x 2.18m (W x H)

  Refer to the *"STAGE - SPACE AND DIMENSIONS."*

V FREIGHT ELEVATOR



- Dimensions: 1.94m x 3.7m x 2.2m (W x D x H)
- Maximum Load: 4,500kg
- Service Level: BF, GF, 1~3F

VI SCENERY WAGON

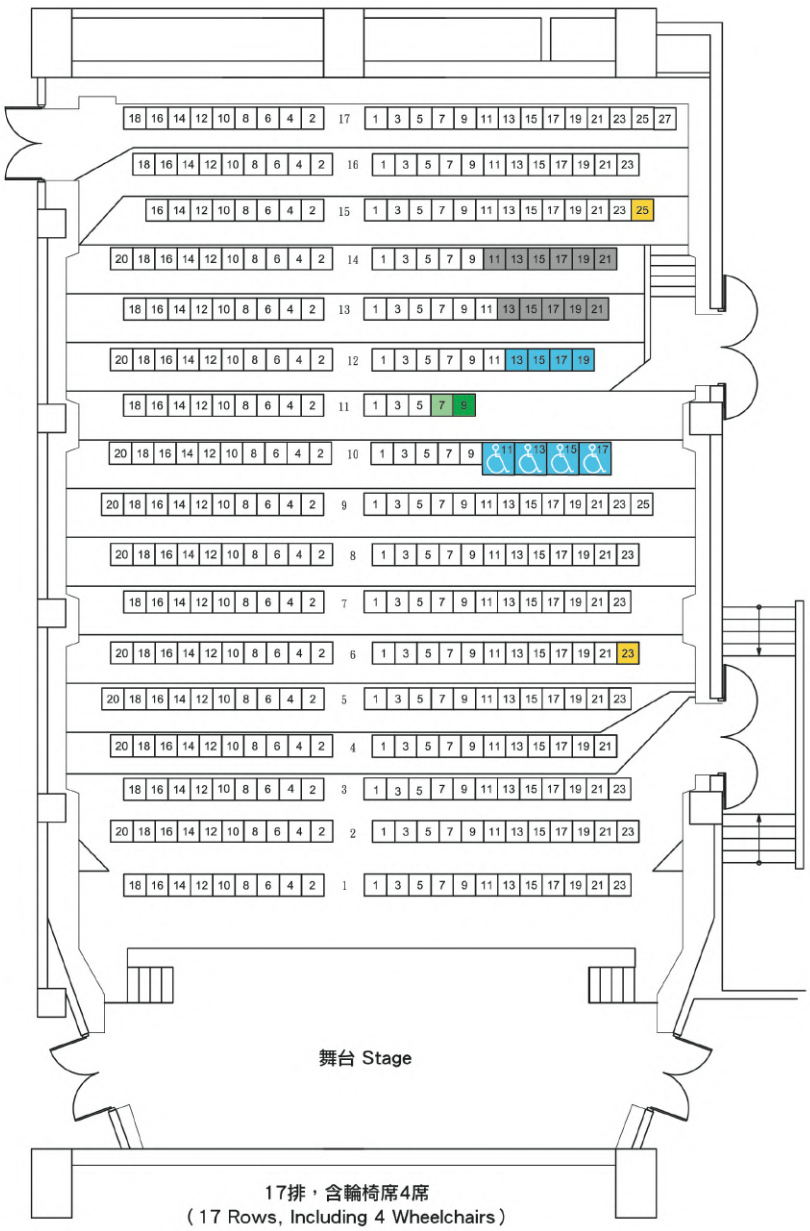




- Dimensions : 1.8m x 1.2m (L x W)
- Quantity : 2 (with handles)

VII AUDITORIUM SEATING

2025/11更新



17排，含輪椅席4席
（17 Rows, Including 4 Wheelchairs）

座位容量 Seating Capacity：354

- 一般席 Standard Seats
- 輪椅席及輪椅陪同席 Wheelchair Seats & Companion Seats
- 友善席 Removable Armrests Seats
- 友善陪同席 Companion Seats
- 前台工作席 FOH Staff Seats
- 視線不良席 (建議調整為最低票價) Restricted View Seats (Suggest Lowest Price)

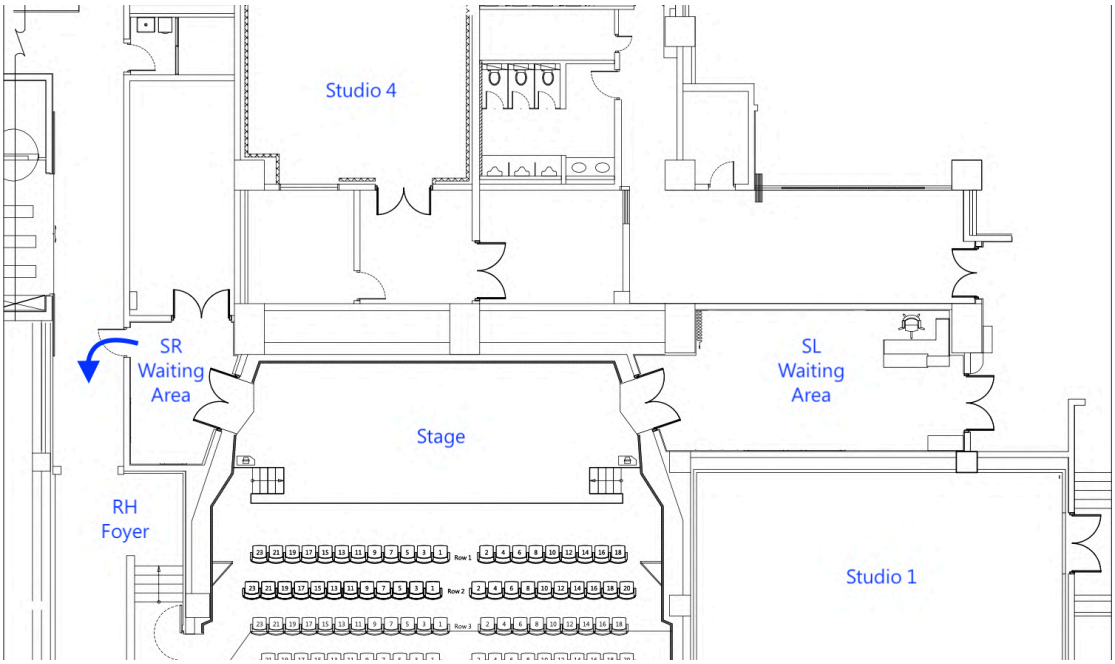
*彩色版請參照兩廳院官網

STAGE

I STAGE SPECIFICATIONS AND FACILITIES

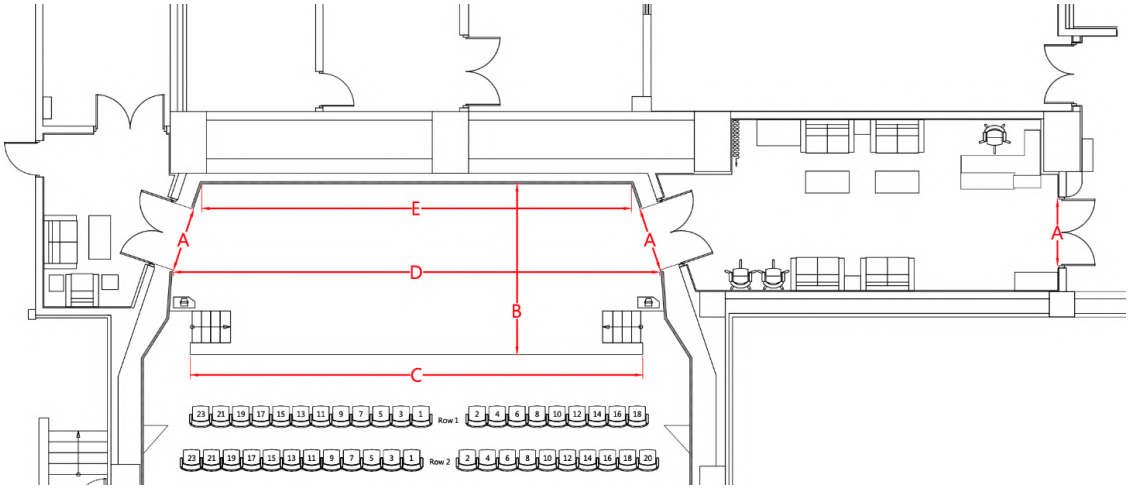
SPACE AND DIMENSIONS

STAGE AND BACKSTAGE



- Main Stage Location : BF
- Stage Left (SL) : SL Waiting Area, Venue Stage Manager’ s Desk, Studio 1
- Stage Right (SR) : SR Waiting Area (access to RH FOH)
- Behind the Stage : Studio 4

STAGE DIMENSIONS



(A)Stage Entrance: 1.83m (W)

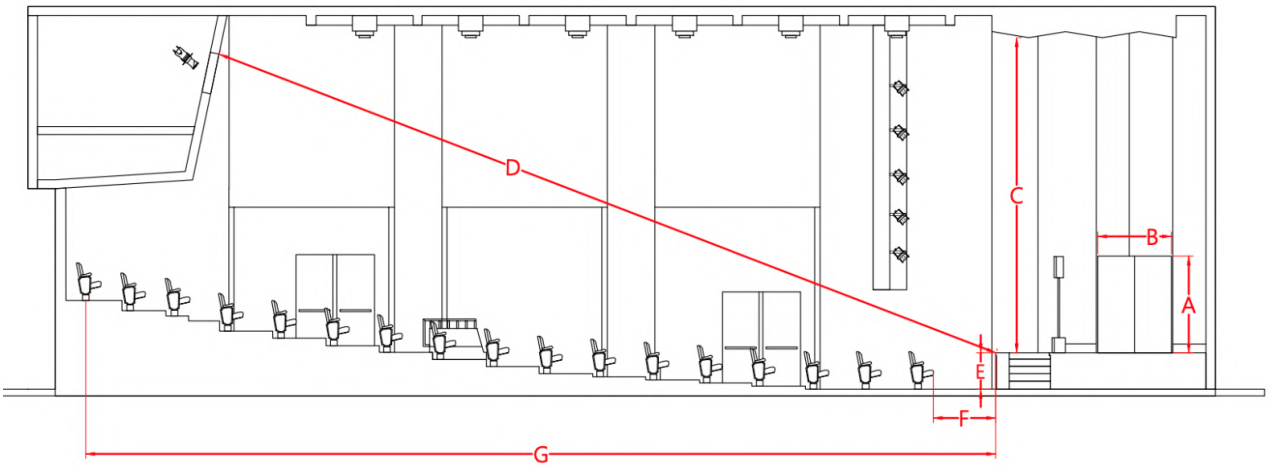
(B) Stage Depth: 4.7m

(C) Apron Width: 12.4m

(D) Distance between Stage Entrances on Both Sides (Downstage): 13.3m

(E) Back Wall Width: 11.8m

Main Stage Area: 58.2m² (B x C)



(A) Stage Entrance: 2.18m (H)

(B) Stage Entrance: 1.83m (W)

(C) Height of Ceiling: 7.0m

(D) Distance between Follow Spot Room and Apron: 18.7m

(E) Stage Floor Height (from Auditorium): 0.82m

(F) Clearance from the 1st Row of Auditorium: 1.4m

(G) Distance from Apron to the Last Row of Auditorium: 21m

STAGE FLOOR

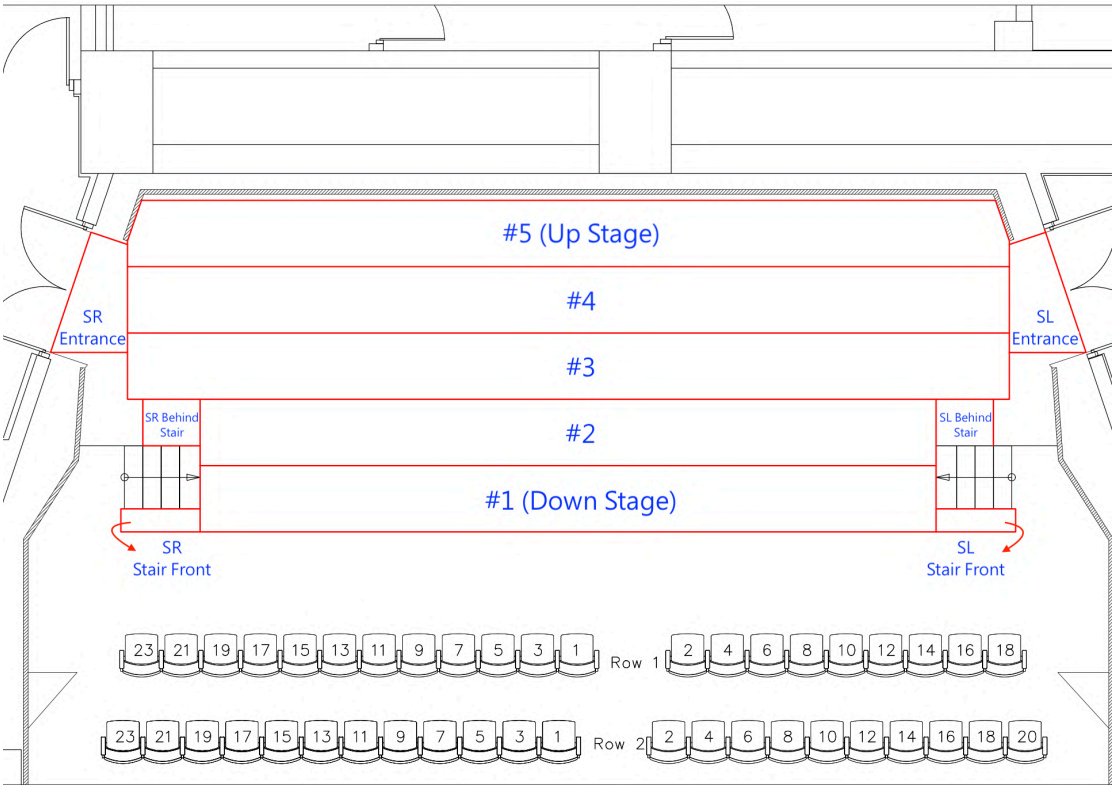
- Surface : Oak long-strip tongue-and-groove flooring with light natural brown finish.
- No nails or screws permitted on floors or walls.

II STAGE EQUIPMENT

MARLEY DANCE FLOOR

No.	Equipment	Qty.	Note
1	Marley Dance Floor for Recital Hall	1 set (11 rolls)	Black / Gray

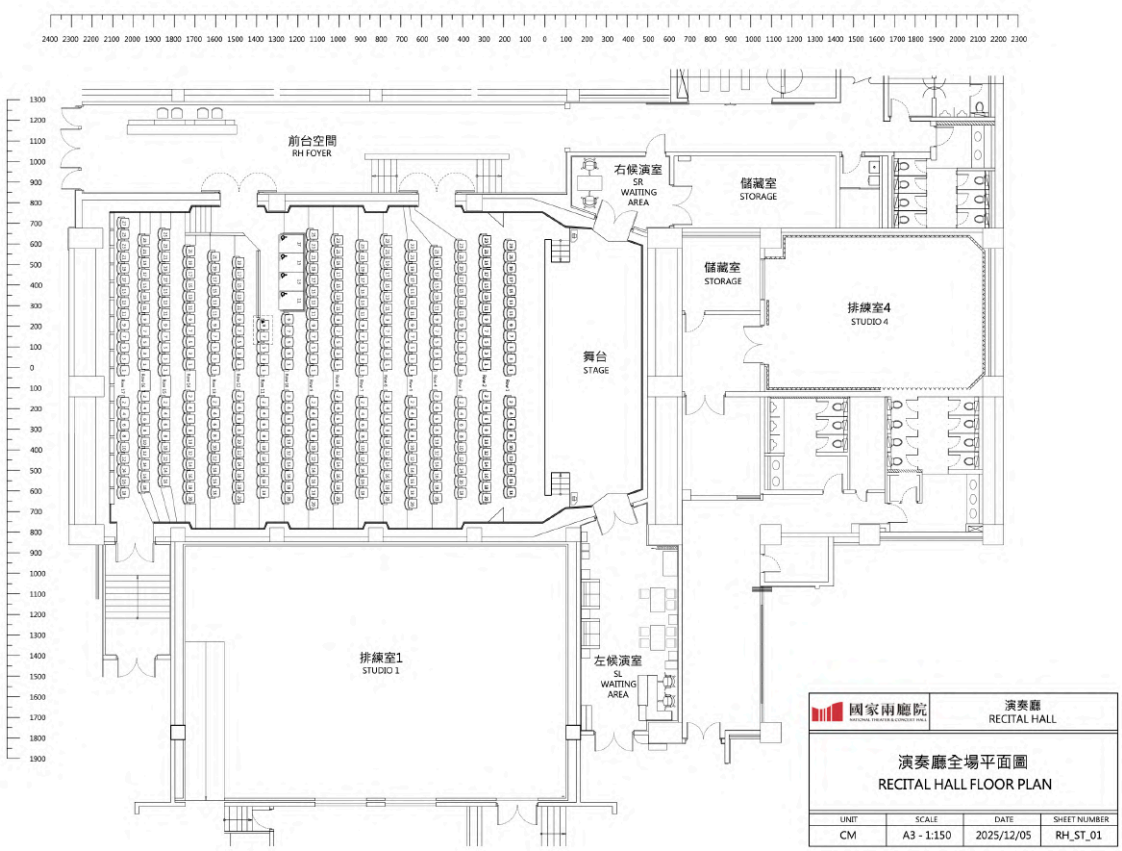
* Marley Dance Floor Plan:



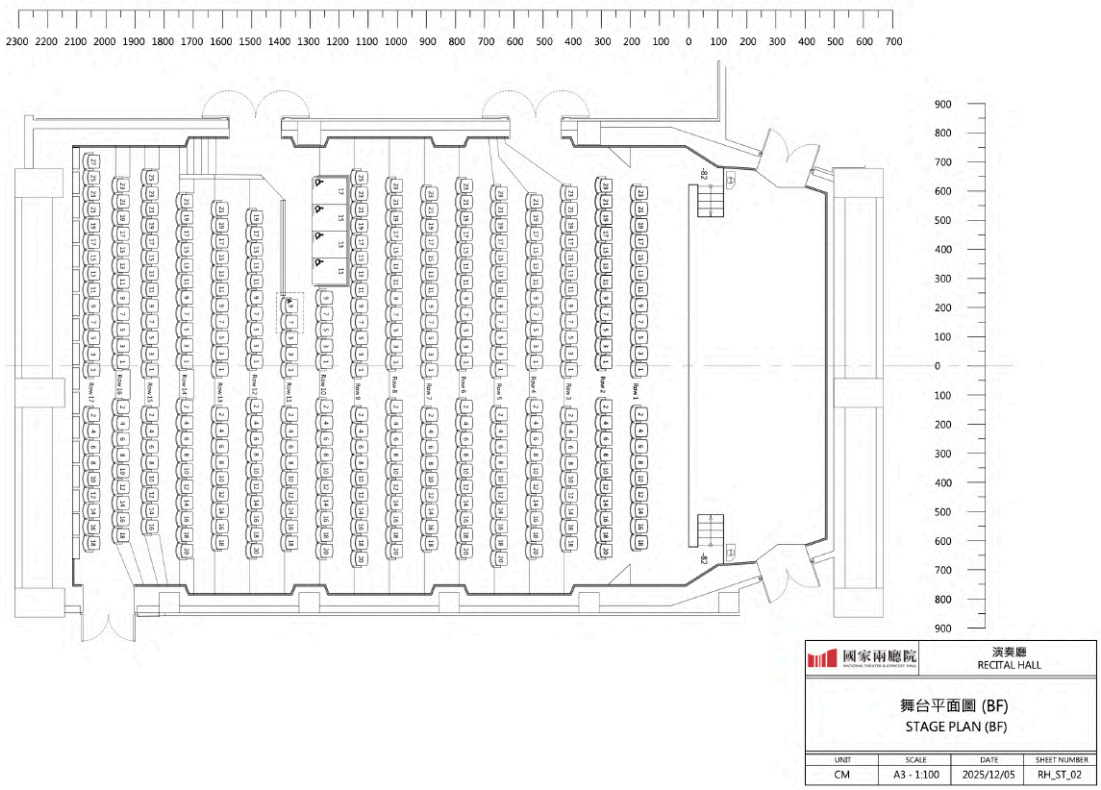
III TECHNICAL DRAWING

* Please refer to the NTCH official website, under VENUE RENTAL.

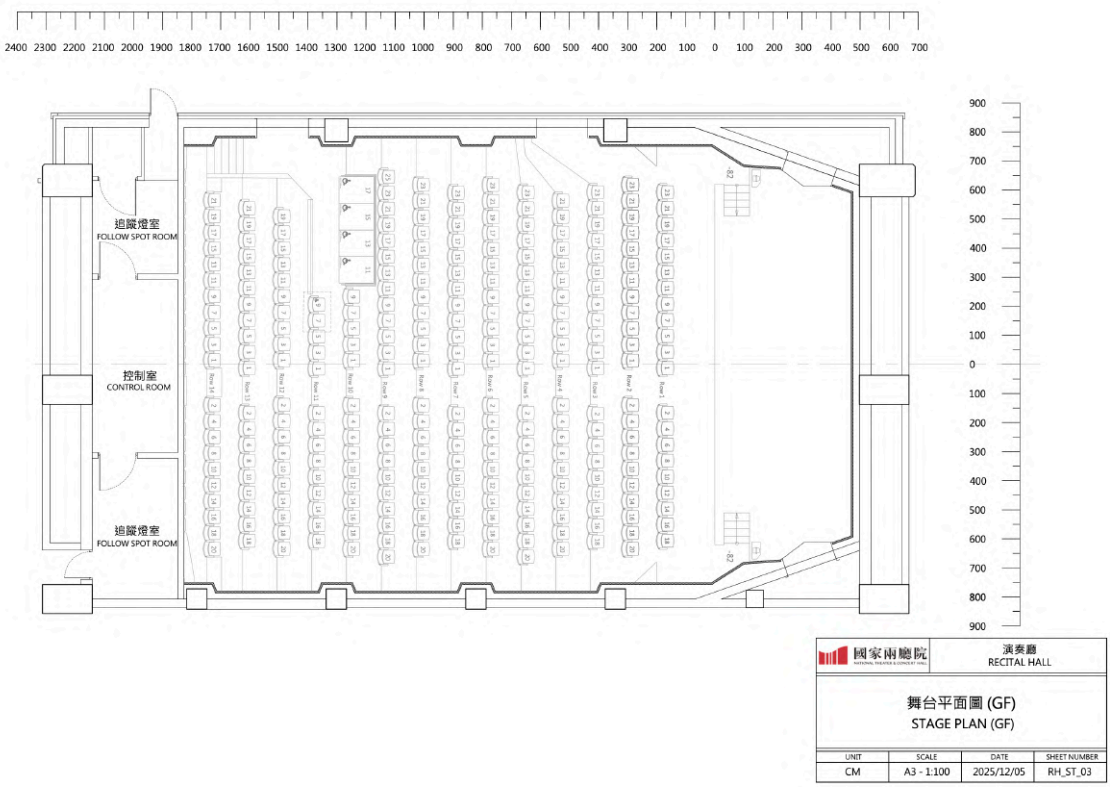
RECITAL HALL FLOOR PLAN



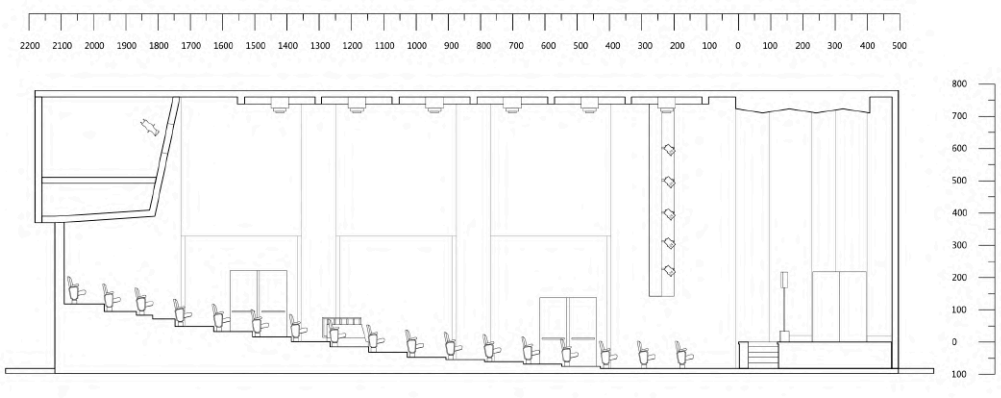
STAGE PLAN (BF)



STAGE PLAN (GF)



STAGE SECTION



國家兩廳院 NATIONAL THEATER & CONCERT HALL	演奏廳 RECITAL HALL		
舞台側剖圖 STAGE SECTION			
UNIT	SCALE	DATE	SHEET NUMBER
CM	A3 - 1:100	2025/12/05	RH_ST_04

LIGHTING

I LIGHTING SYSTEM OVERVIEW

LIGHTING SYSTEM

Dimmer System
● ADB Eurodim Twin-Tech ■ 3kW, 220V x22 circuit ■ 5kW, 220V x6 circuit (400µs Dim / Switch Module) ● Lite-Puter IGBT / MOSFET (not for use as general dimmer circuits) ■ Overhead Stage Lights: 5 zones (16-bit control, requires 10 control parameters) ■ House Lights: 4 zones (16-bit control, requires 8 control parameters)
Lighting Control
● DMX512, 5-pin XLR Connector ● sACN Protocol
Lighting Console
● ETC Ion 1000 (Parameter ×1024) ● Universal Fader Wing ×1 (2 × 20) ● Screen x1
Wireless Control
Apple iPad mini x1
Recommended Additional DMX Patch Section
From Universe 1/201

DIMMER CIRCUIT

Position		Dimmer No.	Load	DMX / Network
F.O.H.	Follow Spot Room (House Left / SR)	1, 2	3kW	DMX x1 Eth x1
	Follow Spot Room (House Right / SL)	3, 4	3kW	DMX x1 Eth x1
	SR Box Boom	5~9	3kW	DMX x1
	SL Box Boom	10~14	3kW	DMX x1
Overhead	None			
Auditorium	Auditorium Left (SR)	15~18	3kW	DMX x1 Eth x1 (Row 17)
		23~25	5kW	
	Auditorium Right (SL)	19~22	3kW	
		26~28	5kW	

* Please refer to the "*V TECHNICAL DRAWING.*"

LIGHTING INSTRUMENT AND POWER CONNECTOR SPECIFICATION

- CEEform 2P+E 16A/32A (No multicore connectors provided)

II LIGHTING EQUIPMENT (BASIC)

LIGHTING BASIC SETUP

Position		Address	Type	Wattage	Qty.
F.O.H	Follow Spot Room (House Left / SR)	-	MITAMA HUV 208 (Follow Spot)	2000W	1
		1/121~1/124	Prolights EclProfile 26°	270 W	2
	Follow Spot Room (House Right / SL)	-	MITAMA HUV 208 (Follow Spot)	2000W	1
		1/125~1/128	Prolights EclProfile 26°	270 W	2
	SR Box Boom	1/131~1/139	Prolights EclPar 24°	207W	3
	SL Box Boom	1/141~1/149	Prolights EclPar 24°	207W	3
Ovehead	Downlight Row #1	1/41~42	LED PAR 38 12° (16 bit)	13W	26
		1/43~44			
	Downlight Row #2~#6	1/45~46	LED PAR 38 12° (16 bit)	13W	28
		1/47~48			
	Downlight Row #7	1/49~50	LED PAR 38 12° (16 bit)	13W	15

* Please refer to the *"V TECHNICAL DRAWING."*
* Prolights EclProfile units are full white tungsten. LED 3w*91, 3200k, 2ch.
* Prolights EclPar units are tungsten, LED 177W, 3200K, 3ch.

HOUSE LIGHT

Position	Qty.	Address	Lamp Type
Chandelier (Central)	30	1/51~52	Lite-Puter LED bulb A60, 16-bit
		1/53~54	LED PAR38 24 degree, 16-bit
Chandelier (Side)	12	1/57~58	Lite-Puter LED bulb A60, 16-bit
Ceiling Recessed Light (In Front of the Control Room)	5	1/55~56	LED PAR38 12 degree, 16-bit
Ceiling Recessed Light (Underneath the Control Room)	7	1/57~58	Lite-Puter LED bulb R63, 16-bit

STAGE WORK LIGHT

Lamp Type	Coverage	Note
LED Flood	Stage, Auditorium	Non-dimmable
LED Flood	Stage	

FOLLOW SPOT

- Model: MITAMA HUV208 (2000W / Halogen Lamp)
- Quantity: 2
- TELRAD Follow Spot Sights ×2 (Please request in advance and provide two AA batteries.)
- Since sharing mounting positions with front lights, it is recommended to use either the follow spot or the front light.

VERTICAL MAST LIFT

- Model: UPRIGHT UL-40, 110V Plug-in
- Quantity: 1
- Max. platform height: 40 ft (12.15m)
- Platform capacity (WLL): 300lbs (136kg)
- Platform dimensions : 0.56m x 0.66m
- All users must wear a hard hat and harness. These may be brought by users or borrowed from the venue.

III POWER DISTRIBUTION PANEL

* Shared with Audio and Video.

- Position: Stage Right
- CHSR481 PANEL 3ϕ4W+G+N 208 / 120V 75A (Subdivided by main breaker)

3ϕ4W 208 / 120 V 40 A × 1	CEEform 2P+E 208V / 16A socket x1
1ϕ2W 120 V 30 A × 3	NEMA 5-15 / 15A socket; Distributed to Stage Left / Right Waiting Area, and B481 Storage.



IV LIGHTING ACCESSORIES

* Accessories are included without extra cost.

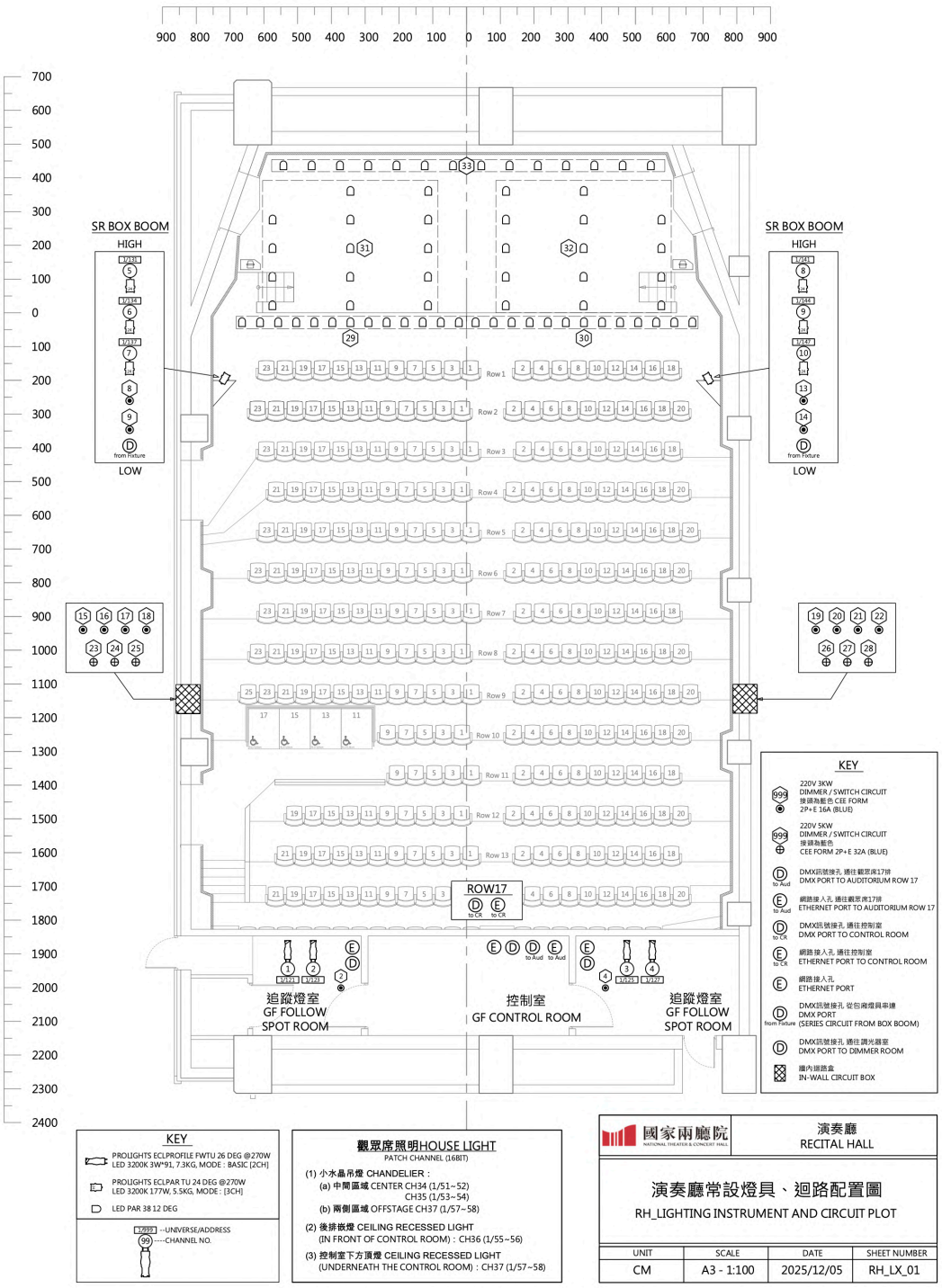
* Quantities to be confirmed in the technical meeting.

No.	Equipment	Instrument / Note
1	Gel frame	Prolights EclProfile 26°
2	Color Gel	● Please request in advance; provided depending on the venue's stock ● Charged per 25 sheets per batch ● Please refer to *"Guidelines for Rental of Venue Equipment and Services"* for rental fees.
3	Gobo Holder	Prolights EclProfile
4	Iris Kit	Prolights EclProfile

V TECHNICAL DRAWING

* Please refer to the NTCH official website, under VENUE RENTAL.

LIGHTING INSTRUMENT AND CIRCUIT PLOT



AUDIO AND VIDEO

I AUDIO AND VIDEO EQUIPMENT IN CONTROL ROOM

AUDIO

No.	Equipment	Model	Qty.	Note
1	CD-RW	STUDER VISTA 1	1	1. 32 Mic Input Channel 2. 24 Line Channel 3. 6 AUX mono 4. 2 AUX stereo 5. 2 FX stereo 6. 2 FX mono 7. 4 Master stereo 8. 6 Group stereo
2	CD-RW	TASCAM SS-CDR250N	2	For performance recording only. Please refer to "*Guidelines for Rental of Venue Equipment and Services*" for rental fees.
3	MacBook	MacBook Air M2 with QLab5	1	Operate by venue, for announcement and commercial purposes.
4	Monitor Speaker	GENELEC 8050A	2	
5	Wireless Microphone	SHURE ULXD2+SM58	4	Separate rental is required. Please refer to "*Guidelines for Rental of Venue Equipment and Services*" for rental fees. (up to 4 channels)
6	Mini Wireless Microphone (ULXD4Q/D)	SHURE ULXD1+MX150B	4	

VIDEO RECORDING

No.	Equipment	Model	Qty.	Note
1	Digital HD Color Camera	Camera Power Supply IKEGAMI BSF-55	1	1. Mounted at the 3rd-floor auditorium, centre 2. Individual operation 3. HD/SD-SDI & Composite output 4. For BD recording archives, monitoring, and FOH lobby viewing for late comers. 5. Please refer to "*Guidelines for Rental of Venue Equipment and Services*" for rental fees.
		IKEGAMI HDK-79GX	1	
		OCP-399	1	
2	Professional Viewfinder and Field Monitor	PROTECH HDF-700	1	
3	Digital Hard Disk Recorder	64T HDD Array	1	For performance recording purposes. Please refer to "*Guideline for Rental of Venue Equipment and Services*" for recording fees.
4	Video Monitor	17" LCD HDTV HLM-1704WR	1	
		9" LCD HDTV HLM-904WR	3	
5	MacBook	MacBook Air M2 with QLab5	1	Operate by venue, for announcement and commercial purposes.

II AUDIO SYSTEM

PUBLIC ADDRESS SYSTEM

Equipment	Model	Qty.	Position	Note
Main Loudspeaker	Meyer Sound ULTRA-X20	2	Stage Left/Right	Active Speaker
Main Subwoofer	Meyer Sound USW-112P	2		

AUDIO SIGNAL

Item	Description	Qty.	Position	Note
Stage Box Circuit	XLR female	22	Stage	
		2	SR Waiting Area	
		4	Auditorium Row 17	

* Refer to the "*VIII TECHNICAL DRAWING.*"

OVERHEAD HANGING MICROPHONE

Item	Model	Qty.	Position	Note
Stereo Microphone System	SCHOPES / MSTC64g	1	Overhead	Fixed, for monitoring and recording

* Refer to the "*VIII TECHNICAL DRAWING.*" for hanging position.

COMMUNICATIONS (INTERCOM SYSTEM)

Equipment	Model	Qty.	Position	Note
Main station unit	Clear-Com MS-702	1	Control Room	2-Channel
Remote Speak Station	Clear-Com KB-702	2	Waiting Area	
Beltpack	Clear-Com RS-601	2		
	Clear-Com RS-501	1	Follow Spot Room	Standard setup (with headset)
Single-side Headset	Telex PH-1	2	Waiting Area	

* Refer to the "*VIII TECHNICAL DRAWING*." for the Intercom signal path.

III AUDIO RENTAL

* Rental Items for National Theatre, Experimental Theatre, Concert Hall, and Recital Hall, please refer to the "*Guideline for Rental of Venue Equipment and Services*" for fees.

MIXING CONSOLE AND AUDIO PROCESSOR

No.	Equipment	Model	Qty.
1	Active DI Box	Klark Teknik DN100	9
2	Analogue Mixing Console	MIDAS VENICE 160	2
3	Digital Mixing Console	YAMAHA CL5	1
4	Digital Mixing Console	YAMAHA QL5	1
5	Digital Mixing Console	YAMAHA QL1	1
6	Digital Mixing Console	YAMAHA DM7 Compact	1
7	D I/O Rack Interface	YAMAHA 3224	3

MAIN AND MONITOR SPEAKER

No.	Equipment	Model	Qty
1	Compact Point Source Loudspeaker	Meyer Sound ULTRA X40	10
2	Compact VariO™ Loudspeaker	Meyer Sound UPJ-1P	4
3	Stage Monitor	Meyer Sound UM-1P	8
4	Compact Subwoofer	Meyer Sound USW-1P	2
5	Very Compact Low-Frequency Control Element	Meyer Sound 750-LFC	4
6	Ultracompact Wide Coverage Loudspeaker	Meyer Sound UPM-1P	4
7	Active Powered Monitor Speaker	YAMAHA MSP5A	4

MICROPHONE AND STAND

No.	Equipment	Model	Qty.	Type	Note
1	Tall Mic Stand	K&M 210-09	13		90 - 120 cm
2	Short Mic Stand	K&M 25900	2		35 - 57 cm
3	Wired Microphone	AKG / D112	4	Dynamic	
4		AKG / D330BT	10	Dynamic	
5		Sennheiser / MD 441-U	12	Dynamic	
6		Shure / SM57	10	Dynamic	
7		Shure / SM58	6	Dynamic	
8		Shure / SM58S	5	Dynamic	
9		Shure / Beta 57A	6	Dynamic	
10		Shure / Beta 58A	5	Dynamic	
11	Condenser Microphone	AKG / C3000	3	Condenser	
12		AKG / C414B-XLS	8	Condenser	
13		AKG / C562BL	3	Condenser	
14		CROWN / PCC-160	5	Condenser	
15		SCHOEPS / CMC6+MK4g	2	Condenser	MK4g Capsule CMC6 Preamplifier
16		Neumann/ U87Ai	3	Condenser	Black
17		Neumann / KM 184	4	Condenser	Silver
18		Sennheiser / MKH-70	6	Condenser	
19		Shure / Beta 91A	2	Condenser	
20		Shure / PGDMK6-XLR	1	Drum Kit	6-mic Drum Microphone Package

IV VIDEO SYSTEM

CCTV / MATV

* For Stage Monitoring and Latecomers Viewing.

No.	Position	Floor	Model	Qty.
1	Front of House	BF	42″ LED-Backlit TV	2
2	SR Waiting Area		SAMPO LCD 20″	1
3	SL Waiting Area		42″ LED-Backlit TV	1
4	Stage Manager's Desk		CHIMEI LCD 20″	1
5	Control Room	GF	SAMPO LCD 20″	1

V VIDEO RENTAL

PROJECTOR

No.	Specification	Model	Qty.
1	5,500 lumen	EPSON / EB-2065	2
2	3,500 lumen Ultra-short-throw projector	EPSON / EB-685W	2
3	6,000 lumen laser projector (HD 1920 x 1200)	EPSON / EB-L610U（HD）	1

PROJECTION SCREEN

No.	Specification	Model	Qty.
1	80” Front Projection Screen 180cm x 135cm	DA-LITE SP-80 Portable Floor Screen	4
2	100” Front Projection Screen 214cm x 163cm	DA-LITE SP-100 Portable Floor Screen	4
3	150” Front / Rear Projection Screen 305cm x 229cm	DA-LITE Fast Fold Screen	2

REFERENCE FOR FRONT PROJECTOR PLACEMENT

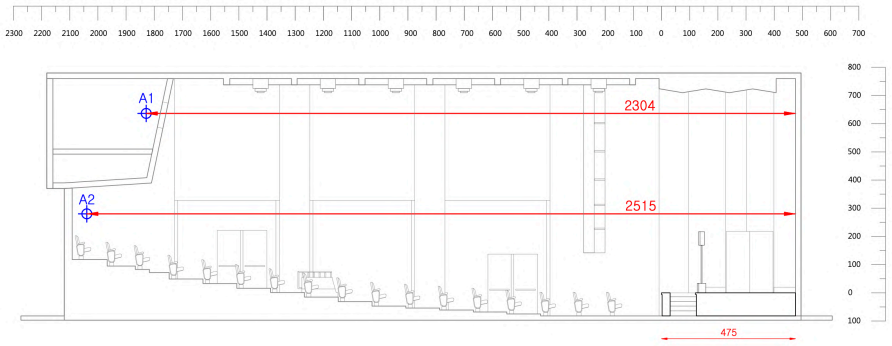
* Reference for Front Projector Placement :

  The projector is located in the control room or row 17. Distance information is provided for reference. Please select a suitable projector model based on performance and design requirements.

* Reference distance from the projector in control room (A1) or row 17 (A2) to the stage back wall.

（A1）Distance from Control Room to Stage backwall: 23.04m

（A2）Distance from Auditorium Row 17 to Stage backwall: 25.15m



投影參考說明 PROJECTION REFERENCE

- 投影機設置於控制室或觀眾席第17排，相關距離數據如下提供參考，請依演出與設計需求，選擇合適投影機型號。
  THE PROJECTOR IS LOCATED IN THE CONTROL ROOM OR ROW 17. DISTANCE INFORMATION IS PROVIDED FOR REFERENCE. PLEASE SELECT A SUITABLE PROJECTOR MODEL BASED ON PERFORMANCE AND DESIGN REQUIREMENTS.

設置投影機於控制室或觀眾席第17排至舞台背牆的參考距離
REFERENCE DISTANCE FROM THE PROJECTOR IN CONTROL ROOM (A1) OR ROW 17 (A2) TO THE STAGE BACK WALL

- A1 控制室 CONTROL ROOM ⟷ 舞台背牆 BACK WALL：3465 CM
- A2 觀眾席第17排 ROW 17 ⟷ 舞台背牆 BACK WALL：3697 CM

國家兩廳院 NATIONAL THEATER & CONCERT HALL

演奏廳 RECITAL HALL

演奏廳正投影機擺放位置參考圖
RH_REFERENCE FOR FRONT PROJECTOR PLACEMENT PLOT

UNIT	SCALE	DATE	SHEET NUMBER
CM	A3 - 1:100	2025/12/05	RH_PJX_01

VI ETHERNET

ETHERNET PORT

Position	Note
Stage	Stage Left / Right
Control Room	
Auditorium	Row 17

* Refer to the *"VIII TECHNICAL DRAWING."*

VII POWER DISTRIBUTION PANEL

* Shared with Lighting.

- Position: SR Wing Waiting Area .
- CHSR481 PANEL 3ϕ4W+G+N 208 / 120 V 75 A (Subdivided by main breaker)

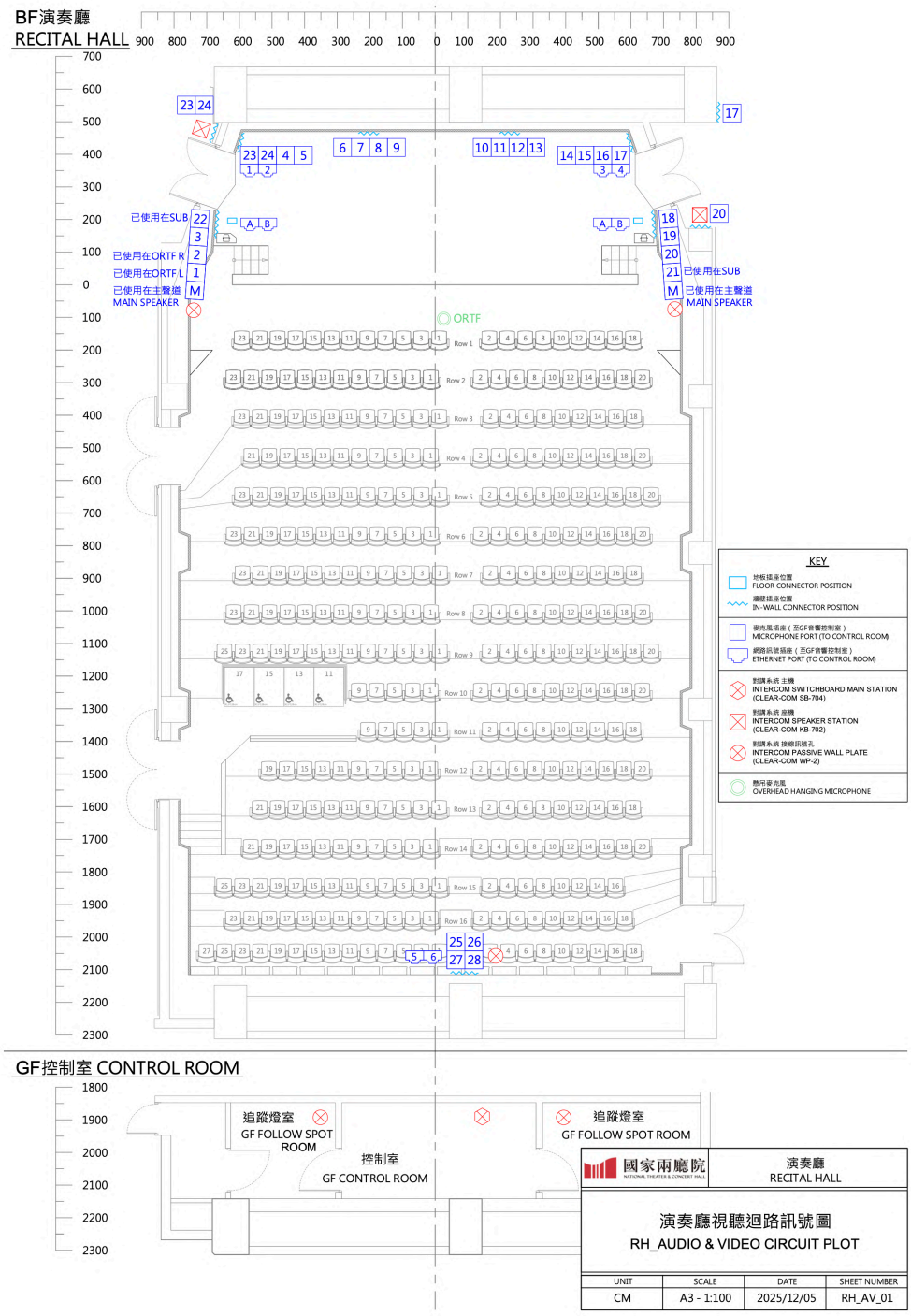
3ϕ4W 208 / 120 V 40 A × 1	CEEform 2P+E 208V / 16A socket x1
1ϕ2W 120 V 30 A × 3	NEMA 5-15 / 15A socket; Distributed to SL / SR Waiting Area, and B481 Storage.



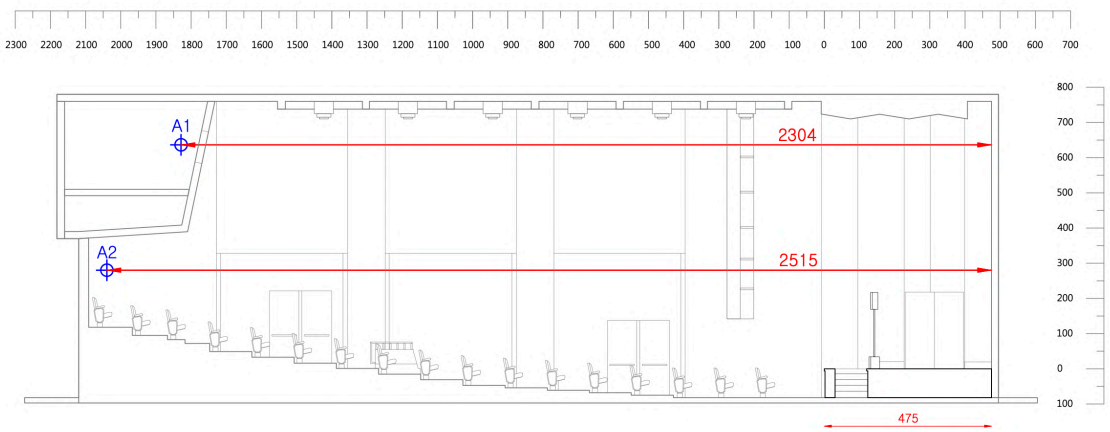
VIII TECHNICAL DRAWING

* Please refer to the NTCH official website, under VENUE RENTAL.

AUDIO AND VIDEO CIRCUIT PLOT



REFERENCE FOR FRONT PROJECTOR PLACEMENT PLOT



投影參考說明 PROJECTION REFERENCE

- 投影機設置於控制室或觀眾席第17排，相關距離數據如下提供參考。請依演出與設計需求，選擇合適投影機型號。
  THE PROJECTOR IS LOCATED IN THE CONTROL ROOM OR ROW 17. DISTANCE INFORMATION IS PROVIDED FOR REFERENCE. PLEASE SELECT A SUITABLE PROJECTOR MODEL BASED ON PERFORMANCE AND DESIGN REQUIREMENTS.

設置投影機於控制室或觀眾席第17排至舞台背牆的參考距離
REFERENCE DISTANCE FROM THE PROJECTOR IN CONTROL ROOM (A1) OR ROW 17 (A2) TO THE STAGE BACK WALL

- A1 控制室 CONTROL ROOM ⟷ 舞台背牆 BACK WALL：3465 CM
- A2 觀眾席第17排 ROW 17 ⟷ 舞台背牆 BACK WALL：3697 CM

國家兩廳院 NATIONAL THEATER & CONCERT HALL

演奏廳
RECITAL HALL

演奏廳正投影機擺放位置參考圖
RH_REFERENCE FOR FRONT PROJECTOR PLACEMENT PLOT

UNIT	SCALE	DATE	SHEET NUMBER
CM	A3 - 1:100	2025/12/05	RH_PJX_01

BACKSTAGE

I BACKSTAGE SPACES

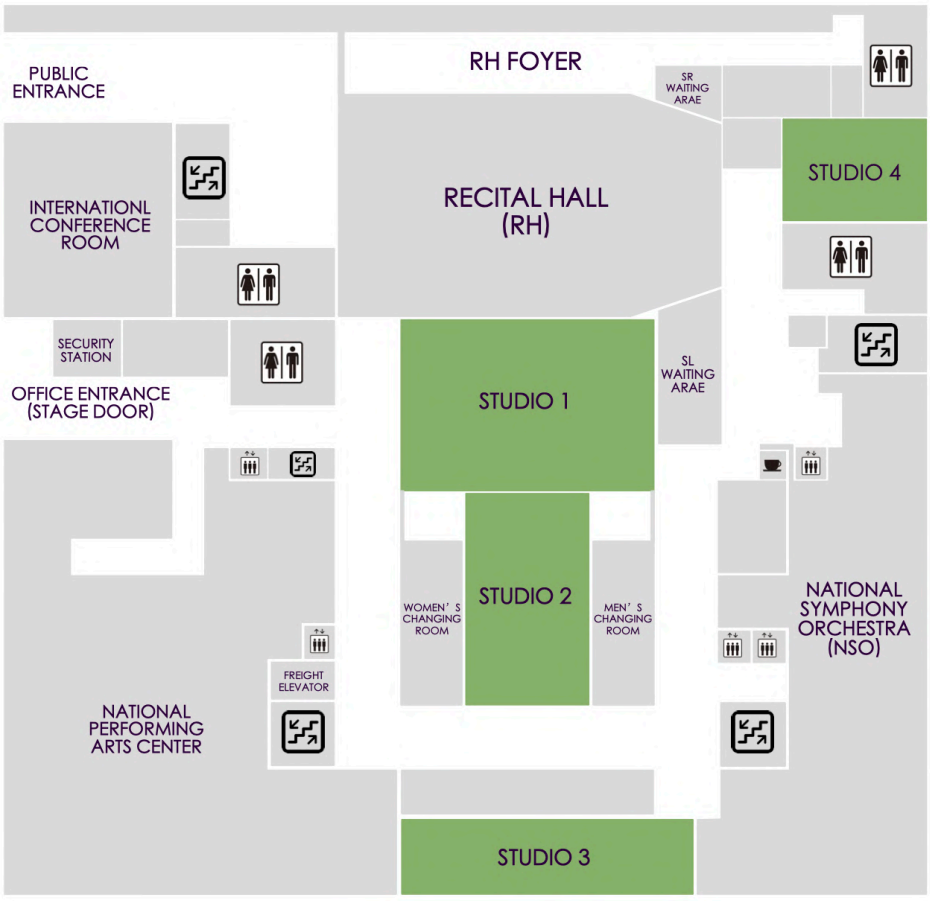
REHEARSAL STUDIO (BF)

* Available for separate rental. Please refer to the "*Guidelines for Rental of Venue Equipment and Services.*"

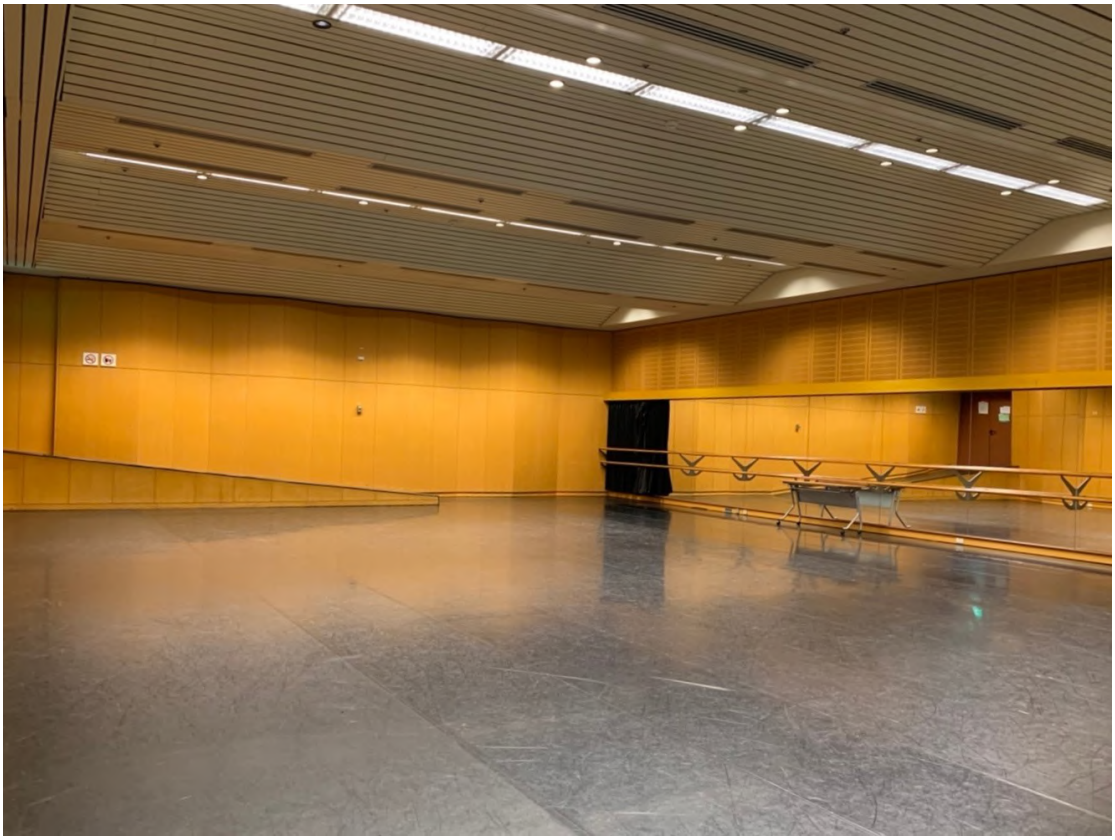
* Rehearsal studio equipment is shared among all venues. Please check availability in advance.

* Power Supply: 110V / 15A.

* **Restriction: Maximum two (2) high-wattage items at once.**

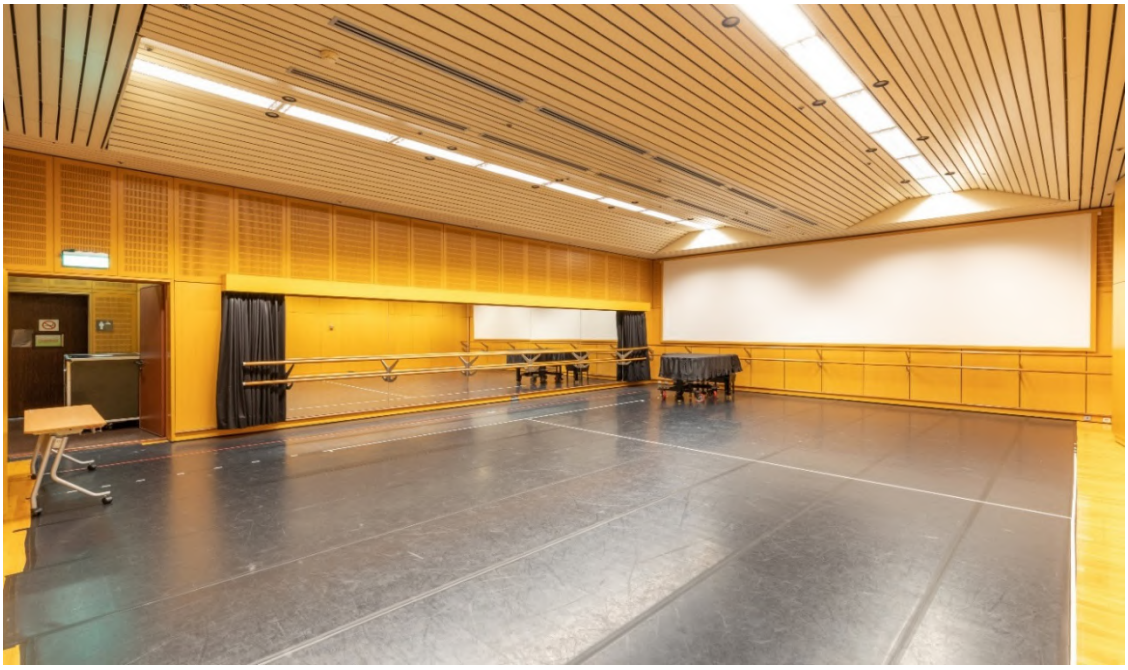


STUDIO 1



Dimensions (L x W x H)	Recommended Capacity	Facilities	Equipment	Qty.
18m x 12m x 3.5m	72	● Mirror Wall ● Ballet Barre ● Marley Floor ● Barrier-free Ramp	YAMAHA C3 Grand Piano	1
			Piano Bench	1
			Folding Table	1

STUDIO 2



Dimensions (L x W x H)	Recommended Capacity	Facilities	Equipment	Qty.
11m x 8m x 3.5m	32	● Mirror Wall ● Ballet Barre ● Marley Floor	YAMAHA C3 Grand Piano	1
			Piano Bench	1
			Folding Table	1

STUDIO 3



Dimensions (L x W x H)	Recommended Capacity	Facilities	Equipment	Qty.
17m x 5.3m x 2.4m	10	● Mirror Wall ● Marley Floor	YAMAHA U3 Upright Piano	1
			Piano Bench	1
			Folding Table	1
			Hercules Music Stand	11
			Chairs	20

STUDIO 4





Dimensions (L x W x H)	Recommended Capacity	Facilities	Equipment	Qty.
10.1m x 7.2m x 2.5m	8	Marley Floor	YAMAHA C3 Grand Piano	1
			Piano Bench	1
			Folding Table	1
			Hercules Music Stand	10
			Chairs	10

MEN'S CHANGING ROOM



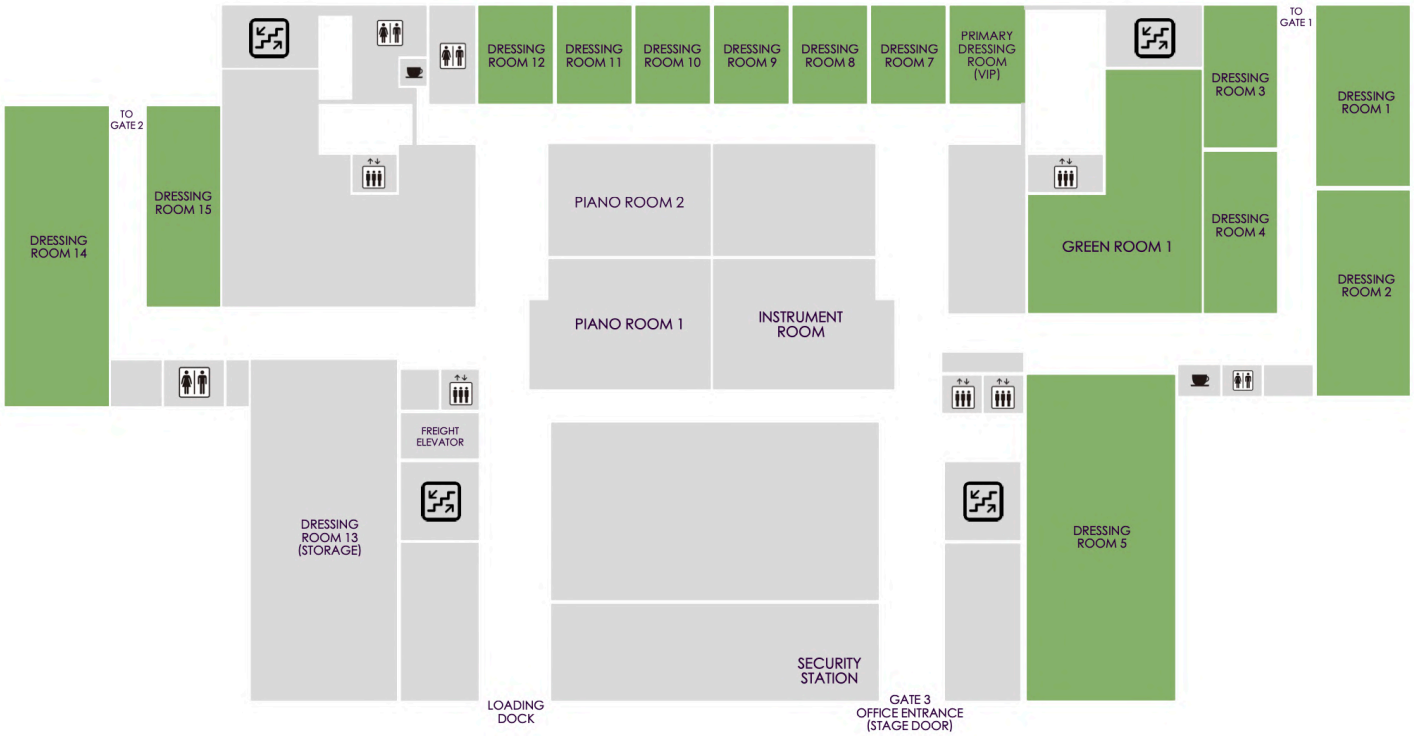
Facilities	Equipment	Qty.	Note
● Shower Room ● Toilet ● Lounge	Blue-Gray High Stool (For Timpani and Double Bass)	6	
	Chairs	40	
	Hercules Music Stand	80	packed in a crate
	Metal Barre, 1.82m x 1.02m (L x H)	4	
	Hanger Rack	2	

WOMEN'S CHANGING ROOM



Facilities	Equipment	Qty.	Note
● Shower Room ● Toilet ● Lounge	Black High Stool (For Double Bass)	5	
	Chairs	40	
	Hanger Rack	1	Outside of the Studio

DRESSING ROOM AND GREEN ROOM (GF)



INDIVIDUAL DRESSING ROOM



* Photo: Reference only ; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Room No.	Recommended Capacity	Facilities	Equipment	Qty
Dressing Room 7~12	1-4	● Showers ● Toilets ● Floor mirror	Wooden table	1
			Sofa	1
			Wooden chair	3
			YAMAHA U3 (upright) with bench	1
			Monitor screen	1
			Electronic Safe	1

GROUP DRESSING ROOM



* Photo: Reference only; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Rooms No.	Recommended Capacity	Facilities	Equipment	Qty.
Dressing Room 1	10~20 (Connected)	● Showers ● Toilets ● Floor mirror ● Make-up mirrors ● locker	Wooden coffee table	7
			Monitor screen	1
			Hanger rack	1
			Chairs	9
			YAMAHA U3 (upright) with bench	1
Dressing Room 2			Wooden coffee table	4
			Monitor screen	1
			Sofa	-
			Wooden table	2
			Hanger rack	1
			Folding table	1
			Chairs	10



* Photo: Reference only; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Rooms No.	Recommended Capacity	Facilities	Equipment	Qty.
Dressing Room 3	10~20 (Connected)	● Showers ● Toilets ● Floor mirror ● Make-up mirrors ● Lockers	Wooden table	1
			Sofa	-
			Coffee table	1
			Monitor screen	1
			Chairs	7
Dressing Room 4			Wooden table	1
			Sofa	-
			Coffee table	2
			Monitor screen	1
			Folding table	1
			Chairs	9



* Photo: Reference only; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Rooms No.	Recommended Capacity	Facilities	Equipment	Qty.
Dressing Room 14	10~20	● Showers ● Toilets ● Floor mirror ● Make-up mirrors ● Lockers	Sofa	-
			Wooden table	1
			Coffee table	3
			Monitor screen	1
			Hanger rack	1
			Table	2
			Chairs	16



* Photo: Reference only; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Room No.	Recommended Capacity	Facilities	Equipment	Qty
Dressing Room 15	10~20	● Showers ● Toilets ● Floor mirror ● Make-up mirrors	Sofa	-
			Wooden table	2
			Coffee table	2
			Monitor screen	1
			Hanger rack	2
			Table	1
			Folding table	1
			Chairs	14



* Photo: Reference only; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Room No.	Recommended Capacity	Facilities	Equipment	Qty
Dressing Room 5	20~40	● Showers ● Toilet ● Floor mirror ● Changing room ● Make-up mirror ● locker	Hanger rack	1
			Wooden chairs	19
			Sofa	-
			Wooden table	4
			Coffee table	7
			Upright piano(U3) With bench	1
			Monitor screen	1
			Table	3
			Folding table (big)	6
			Folding table (small)	3
			Black chairs	28

GREEN ROOM



* Photo: Reference only; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Room No.	Recommended Capacity	Facilities	Equipment	Qty.
Green Room 1	20~40	● Changing room x3 ● Floor mirror ● Washbasin ● Lockers	Hanger rack	3
			Wooden table	2
			Coffee table	3
			Sofa	-
			Upright piano(U3) With bench	1
			Monitor screen	1
			Black chair	34
			Folding table (big)	7

PRIMARY DRESSING ROOM (VIP)



* Available for separate rental. Please refer to the "*Guideline for Rental of Venue Equipment and Services*" for fees

* Photo: Reference only; equipment layout may vary.

* Power Supply: 110V / 15A and 220V / 25A.

* Restriction: Maximum two (2) high-wattage items at once.

Room No.	Recommended Capacity	Facilities	Equipment	Qty.
Dressing Room 6	1~4	Floor mirror	Wooden table	1
			Sofa	1
			Coffee table	1
			Desk	1
			Hall table	1
			Wooden chair	2
			Upright piano (U3) With bench	1
			Monitor screen	1

WAITING AREA

SL WAITING AREA



Location	Dimensions (L x W)	Recommended Capacity	Description	Equipment	Qty.
Stage Left	9.1m x 4.7m	12	● SM's Desk ● Intercom ● To North Wing Elevator	Table	2
				Sofa	-
				Hanger rack	1
				Floor Mirror	1
				Monitor Speaker	1
				Monitor screen	1

SR WAITING AREA



Location	Dimensions (L x W)	Recommended Capacity	Description	Equipment	Qty.
Stage Right	4.8m x 3.5m	3	• Useble for recording • Intercom • To RH Foyer	Table	1
				Chair	2
				Monitor screen	1

II EQUIPMENT

BASIC EQUIPMENT

ORCHESTRA EQUIPMENT AND ACCESSORIE

No.	Equipment	Qty.	Description
1	Orchestra Chair (Standard)	29	Dark Red 42cm x 42cm x 46cm (W x D x H)
2	Orchestra Chair (Short)	30	Dark red 42cm x 42cm x 44cm (W x D x H)
3	High Stool	2	Black / for Bass
4	Double-tier music stand (K&M)	22	Walnut Wooden Desktop (adjustable) 61.5~121cm (H)
5	Conductor's music stand (K&M)	1	Black / Expandable
6		1	Black / 85~137cm (H) Desktop: 80cm x 40cm (W x D)
7	Music Stand (RAT)	25	Yellow / Unadjustable
8	Music Stand (RAT JAZZ) (with bag)	2	Black / Aluminium 51 x 32x 120cm
9	Endpin Stopper	7	Wooden / T-shaped
10	Endpin Stopper (with adjustable strap)	4	Square
		3	Cello-shaped
11	Gap cover	6	Small / 50cm x 10cm (W x D)
12	Conductor’s podium	1	Red / Square 101cm x 101cm x 22cm (W x D x H)

MISCELLANEOUS

No.	Equipment	Qty.	Description
1	Tech Table	1	140cm x 90cm x 90~140cm (L x W x H)
2	Signing table	1	
3	Hard Hat	1	For additional requirements, please contact the venue stage manager.
4	Power Cable (10m)	1	
5	Power Strip	1	
6	Scrap Pieces of Marley Dance Floor	few	

ADDITIONAL EQUIPMENT SHARED BETWEEN CH & RH

ORCHESTRA EQUIPMENT AND ACCESSORIES

No.	Equipment	Qty.	Description
1	Piano Bench	3	56~76cm x 33.5~42cm x 41~58cm (W x D x H)
2	K&M Music and Instrument Tray	5	Made in Germany / #122a Music and Instrument Tray; Wooden Tray: 39cm x 12cm
3	Music Stand	5	Collapsible Desk
4	Music Stand Light	70	ENO LED Lamps / R-99, LED Light ENO / EL-03 Power Supply: Battery
		90	DMX Controlled Transformers: 220V / 12A LED: 25W / 12V (Adapters, distribution & extension cables included)
5	Acrylic Sound Shield Stand	10	93cm x 7cm x 123.5cm (W x D x H)
6	Drum Mat	3	Brown 180cm x 120cm (W x D)

PLATFORM / PODIUM

No.	Equipment	Qty.	Description
1	Conductor Podium	1	Red / Square 121.5cm x 121.5cm x 100cm (W x D x H) Step: 80.3cm x 29.8cm (W x H)
2		1	Brown / Round 166.4cm x 120.7cm x 89.7cm (W x D x H)
3	Choral Riser (Platform)	39	Large 242cm × 52cm × 15.5cm (W x D x H)
4		56	Medium 164cm × 52cm × 15cm (W x D x H)
5		22	Medium (w/ Frame) 164cm × 52cm × 15cm (W x D x H)
6		35	Small / 78cm × 52cm × 15cm (W x D x H)
7		22	Small (w/ Frame) / 78cm × 52cm × 15cm (W x D x H)
8	Cello Podium for Soloists	1	Large / 180cm × 107cm × 20cm (W x D x H)
9		1	Small / 140cm × 97cm × 20cm (W x D x H)

TABLE & CHAIR

No.	Equipment	Qty.	Description
1	Large folding table	5	182.5cm x 76cm x 73.5cm (W x D x H)
2	Small folding table	10	122.5cm x 61cm x 56cm (W x D x H) Adjustable height to 86cm
3	Lectern	1	81cm x 50.5cm x 90cm (W x D x H)
		1	102cm x 66cm x 89.5cm (W x D x H)
4	Signing Table	2	180cm x 70cm x 74cm (W x D x H)

MISCELLANEOUS

No.	Equipment	Qty.	Description
1	Flat for quick-change booth	3	180cm x 120cm (W x D)
		3	220cm x 120cm (W x D)
2	Ironing board	2	
3	Clothes Steamer	2	110V
4	Hair dryer	2	PANASONIC EH-NE74-N135

CART & TROLLEY

No.	Equipment	Qty.	Description
1	Wagon	3	180cm x 120cm (W x D)
2	Double Handle Platform Trolley	3	75cm x 120cm (W x D)
3	Trolley with handle	1	Blue / 80cm x 50cm (W x D)

III INSTRUMENT RENTAL

* Please refer to the "*Guideline for Rental of Venue Equipment and Services*" for fees.

* The following instruments are shared with the Concert Hall.

PIANO

No.	Model	Description
1	Steinway & Sons D274	Length: 274cm / Made in Germany
2	Bösendorfer Grand Piano 280	Length: 280cm / Made in Austria
3	Fazioli Grand Piano 308 (interchangeable with 4 pedals)	Length: 308cm / Made in Italy
4	Fazioli Grand Piano 278 (interchangeable with 4 pedals)	Length: 278cm / Made in Italy
5	Yamaha Grand Piano CFX2022	Length: 275cm / Made in Japan
6	Yamaha Grand Piano C7 227	Length: 277cm / Made in Japan
7	Yamaha Upright U3	Height: 131cm / Made in Japan

* All pianos at the venue are maintained and tuned to a pitch of 442Hz.

OTHER INSTRUMENTS

No.	Instrument	Description
1	Celesta	John Morley, 49 Keys（Germany）
2	Harpsichord	1. Rainer Schütze, 61 Keys 2. Johannes Morley, 61 Keys （Netherlands） * maintained and tuned to 440Hz.
3	Harp	Horngacher, 46 Strings
4	Pipe Organ	Flentrop, 61 Stops, 4172 Pipes（Netherlands） Refer to next page for *Stop List* * Concert Hall only
5	Marimba	Saito MS-3800, 56 Keys
6	Vibraphone	Saito NO-300, 37 Keys, Motor included
7	Tubular bells	Premier NO-865, 22 Keys, Hammer included
8	Bass Drum	Majestic, 40"
9	Glockenspiel	Saito SG-100
10	Temple Block	Adams, 9 Keys, Stand included
11	Snare drum	Premier Project One 14"x 6.5" Premier Heavy Rock Nine 14"x9" Premier 2000 14"x5.5"
12	Crotales	LP, 13 Keys
13	Cymbal	Zildjian
14	China Cymbal	Zildjian China Boy 17" Zildjian China Boy 19"
15	Suspended Cymbal	Zildjian 14 "、16 "、18 "、20 "、22 "、24 "