

## Stage

1. Stage Location: 2<sup>nd</sup> Floor of The Taipei City Hall (East Side)

2. Stage Type: Proscenium

3. About Stage Floor:

- Stock: Tongue and Groove Wood
- Finish: Wax
- Structure: Floating installation
- Notes: Cannot drill any kind of holes on stage floor. Covers need to be placed between stage and tools that cause heat.

4. Load-in Gate & Elevator:

Object	Size (cm)
Load-In Harbor (H x W)	69 x 173
Load-In Gate (H x W)	237 x 158
Elevator Door (H x W)	208 x 158
Elevator Inside (D x H x W)	250 x 238 x 180

- Shipping Path: From the loading gate(1F) into the elevator to 2F, then will be at the stage right, can also by the stairs (next to the elevator) to 2F.
- Elevator Maximum Load: **2200 kg**
- Elevator Longest 3D Diagonal: **389 cm**
- Elevator Diagonal: **345 cm**
- There are 3 grab rails in the elevator, the distance to the walls is 9 cm, to the floor is 75 cm.
- If there is any specific size of cargo that needs to be loaded, please arrange a touring with house stage managers first, or download the plot that includes the size information and other details.

## 5. Stage Dimension:

Content	Size (cm)
<b>Proscenium:</b>	<b>Structure:</b> <u>Affixed</u>
Depth of The Proscenium	37.5
Depth of The Fire Curtain Frame	18
Opening of Proscenium	1424
Height of Proscenium	731 536 (with teaser)
<b>Main Stage:</b>	
PL to Apron Center	155
Depth of Apron Wooden Frame	29.5
PL to Apron Left	87.5
PL to Apron Right	83.5
PL to Main Curtain (The Thickness of The Main Curtain)	95~119
PL to Back Wall	1093
PL to Cyclorama	985
PL to Catwalk	1530
PL to Lighting Box	1300
PL to The Last Row of Auditorium	2903
Main Curtain to Cyclorama	881
Stage Height	90
Stage Level to Grid	1633
<b>Side Stage:</b>	
CL to Right Wall	1111
CL to Left Wall	1107
R side stage (W x D x H):Area A(under the grid, higher) + Area B(outside of the grid, lower)	Area A: 300 x 1006 x 1663 Area B: 315 x 612 x 218
L side stage (W x D x H):Area A(under the grid, higher) + Area B(outside of the grid, lower)	Area A: 300 x 1006 x 1663 Area B: 316 x 611 x 216
Crossover Hallway	127(W) x 213(H)
<b>Apron:</b>	
Apron Center to The Center of The First Row in Auditorium	254
Apron Right to The Right of The First Row in Auditorium	318
Apron Left to The Left of The First Row in Auditorium	320
Apron Center to The Last Row in Auditorium	2747

# Flying

## 1. Hanging List:

No.	Panel Label	To PL Distance (cm)	Pipe Length (cm)	Lowest Point (cm)	Highest Point (cm)	Travel (cm)	Travel Speed (sec)	Payload (kg)	Note
1.	Teaser+Tormenter	73	1552	120	944	824	↑ : 56 ↓ : 55	250	Pipe ends can be extended by 100 cm
2.	Main Curtain	92		0	783	783	↑ : 56 ↓ : 55 ↔ : 18 →← : 18		
3.	1 <sup>st</sup> Lighting Batten	144	1623	120	911	791	↑ : 60 ↓ : 58	350	
4.	1 <sup>st</sup> Leg	193	1553	120	1470	1350	↑ : 67 ↓ : 66	250	Pipe ends can be extended by 100 cm
5.	Scenery Batten	213	1552	120	1478	1358	↑ : 67 ↓ : 66	250	
6.	Scenery Batten	245	1552	120	1475	1355	↑ : 67 ↓ : 66	250	
7.	Scenery Batten	273	1551	120	1469	1355	↑ : 67 ↓ : 66	250	
8.	1 <sup>st</sup> Border	305	1552	120	1469	1349	↑ : 67 ↓ : 66	250	
9.	2 <sup>nd</sup> Leg	335	1550	120	1475	1355	↑ : 67 ↓ : 66	250	
10.	2 <sup>nd</sup> Lighting Batten	389	1621	120	909	789	↑ : 60 ↓ : 58	350	
11.	Screen	430~470		0	1049	1049	↑ : 112 ↓ : 70	250	Thickness:20~40 cm /(W)1130x(H)470cm
12.	Scenery Batten	491	1902	120	1562	1442	↑ : 71 ↓ : 70	250	
13.	2 <sup>nd</sup> Border	513	1902	120	1582	1462	↑ : 72 ↓ : 71	250	
14.	3 <sup>rd</sup> Leg	542	1902	120	1581	1461	↑ : 72 ↓ : 71	250	

No.	Panel Label	To PL Distance (cm)	Pipe Length (cm)	Lowest Point (cm)	Highest Point (cm)	Travel (cm)	Travel Speed (sec)	Payload (kg)	Note
15.	Mid-Traveler	525	1900	120	1684	1564	↑ : 41 ↓ : 39	250	
16.	Scenery Batten	599	1902	120	1567	1447	↑ : 71 ↓ : 70	250	
17.	3 <sup>rd</sup> Lighting Batten	637	1802	120	906	786	↑ : 60 ↓ : 58	350	
18.	Scenery Batten	683	1902	120	1559	1439	↑ : 71 ↓ : 70	250	
19.	Scenery Batten	708	1902	120	1558	1438	↑ : 71 ↓ : 70	250	
20.	3 <sup>rd</sup> Border	743	1902	120	1563	1443	↑ : 72 ↓ : 71	250	
21.	4 <sup>th</sup> Leg	764	1902	120	1580	1460	↑ : 72 ↓ : 71	250	
22.	Red Backdrops	796	1901	120	1549	1429	↑ : 72 ↓ : 71	250	
23.	4 <sup>th</sup> Lighting Batten	820	1805	120	903	783	↑ : 59 ↓ : 58	350	Cyc light
24.	5 <sup>th</sup> Lighting Batten	863	1802	120	913	793	↑ : 59 ↓ : 58	350	
25.	Scenery Batten	899	1902	120	1585	1465	↑ : 72 ↓ : 71	250	
26.	Scenery Batten	930	1900	120	1579	1459	↑ : 72 ↓ : 71	250	
27.	Back-Traveler	953	1900	120	1555	1435	↑ : 38 ↓ : 35	250	
28.	Cyclorama	986		0	755	755	↑ : 72 ↓ : 71	250	

- ※ The fly system is controlled by electromechanics motors.
- ※ If the fly system need to be operate with multiple pipes simultaneously, the maximum number is 3, when operating more than 3 pipes, a certain time interval must be maintained.
- ※ The speed of the main curtain is the only one can be adjusted.
- ※ Mid-traveler track length:1797cm, Back-traveler track length:1800cm, both are manually operated.
- ※ Main Curtain to the top, the distance of the teaser that cover the edge is 638 cm.
- ※ Tormenter touch the stage, the distance of the teaser to the stage floor is 697cm.
- ※ Mid-traveler to the top, the bottom to the stage floor is 734cm.
- ※ Back-traveler to the top, the bottom to the stage floor is 651cm.
- ※ Can use spring clamps to clip the overlap of the mid-traveler and back-traveler.
- ※ Main Curtain, Mid-traveler, Back-traveler and Cyclorama cannot be moved to other battens or be removed.
- ※ Any objects that need to be placed under the fire curtain track should be able to be moved within 1 min.

## 2. Rigging Control System:

- Control Panel Location: Down stage right, next to the proscenium.
- Instructions: **Button type**, there are both up and down functions for each fly batten: There is an automatically stop for the highest and the lowest point, but cannot be programmed.
- Notes:
  - If battens need to be changed, please discuss with house stage managers during the technical coordination meeting.
  - The panel should be operated by house technicians during the set up and strike.

### 3. Types of Stage Curtains:

Standard Stage Set Up			
Type	Color	Amount	Size: W x H (cm)
Teaser	Black	1	1655 x 195
Tormenter	Black	2	250 x 900
Main Curtain	Red	2	850 x 745
Border	Black	3	1700 x 400
Leg	Black	4 pairs	1: 250 x 800      2: 250 x 800 3: 350 x 800      4: 350 x 800
Mid-traveler	Black	2	L: 900 x 800      R: 900 x 800
Back-traveler	Black	2	L: 900 x 900      R: 900 x 900
Red Backdrop	Red	2	L: 972 x 790      R: 972 x 790
Cyclorama	White	1	1876 x 810

Back Up Stage Set Up			
Type	Color	Amount	Size: W x H (cm)
Border	Black	1	1500 x 200
Border	Black	2	1700 x 400
Leg	Black	2 pairs	500 x 1050
Leg	Black	4 pairs	150 x 800

# Lighting

## 1. Control System:

- **Lighting Control Room Location:** Behind the last row of the auditorium (3F)
- **Console:**
  - Brand/ Model: ETC Element 60-500 Channels
  - Fixture Library Version: [ 11. 5. 0. 9. 0. 13 , 15. Oct. 2015 ]
  - Storage: HD / USB
  - Monitor: ASUS 19" LED x 2
  - Signal Transmitting: DMX 512
  
- **Dimmer:**
  - Input Volt: 220V
  - Maximin Loading (per dimmer): 25A
  - Total Dimmer Numbers: 168
  - Signal Transmitting: DMX512
  - Can be linked with extra dimmers or consoles.
  - Connector Locations: There are DMX outputs and inputs on stage, one of each at down stage left and right, next to the proscenium and DMX output x1 behind the last row, in the middle of the auditorium(3F).

## 2. Dimmer Circuit List:

Area	Dimmer No.	Amount	Content	Note
<b>FOH:</b>				
Catwalk	1~14 151-162	26	Electrical cabling, single socket. Dimmer 1 and 14 are double sockets.	
House Light Wall lamps	142~150 139~141	12	None.	
Lighting Box(L)	125~128 166-168	7	Electrical cabling, single socket. Dimmer 128 is double sockets.	
Lighting Box(R)	121~124 163-165	7	Electrical cabling, single socket. Dimmer 122 is double sockets.	
<b>Overhead:</b>				
1 <sup>st</sup> Lighting Batten	15~34	20	Electrical cabling, double sockets.	
2 <sup>nd</sup> Lighting Batten	35~52	18		
3 <sup>rd</sup> Lighting Batten	53~70	18		
4 <sup>th</sup> Lighting Batten (CYC)	71~82	12		
5 <sup>th</sup> Lighting Batten	83~96	14		
<b>Lighting Tower:</b>				
Sidelight Tower		8	4 circuits in each tower, with double sockets and a 19 pin socapex.	
<b>Stage:</b>				
Up Stage (L)	117~120 131~132 136~138	9	117~120: Single socket and a 19 pin socapex. 131~132: Double sockets. 136~138: Single socket.	
Up Stage (R)	113~116 129~130 133~135	9	113~116: Single socket and a 19 pin socapex. 129~130: Double sockets. 133~135: Single socket.	
Down Stage (L)	105~112	8	105~112: Single socket and a 19 pin socapex.	
Down Stage (R)	97~104	8	97~104: Single socket and a 19 pin socapex.	
※ Socket type: Stage Pin Connector (3pin, 2P+G)				

### 3. Instrument Schedule:

Location	Type	Amount	Bulb	Note
<b>FOH:</b>				
Catwalk	ETC Source Four 19°	28	220V 750W	
Lighting Box(L)	ETC Source Four 26°	4	220V 750W	
	ETC Source Four ZOOM 25°~50°	2	220V 750W	
Lighting Box(R)	ETC Source Four 26°	4	220V 750W	
	ETC Source Four ZOOM 25°~50°	2	220V 750W	
<b>Overhead and others:</b>				
1 <sup>st</sup> ~3 <sup>rd</sup> Lighting Batten	ETC Source Four 19°	9	220V 750W	
	ETC Source Four 26°	12	220V 750W	
	ETC Source Four 36°	24	220V 750W	
	ETC Source Four Fresnel	22	220V 750W	
	PAR 64(W)	14	220V 1000W	
4 <sup>th</sup> Lighting Batten (CYC)	RDS horizon Cyc lights	36	220V 500W	Frame Size : 26.5 cm*23.5 cm
5 <sup>th</sup> Lighting Batten	PAR64(M)	12	220V 1000W	
Lighting Tower	ETC Source Four 26°	24	220V 750W	Without C-Clamp
Storage	ETC Source Four 19°	11	220V 750W	
	ETC Source Four 26°	6	220V 750W	
	ETC Source Four 36°	6	220V 750W	
	ETC Source Four ZOOM 25°~50°	3	220V 750W	
※ Filters only included with cyc lights, filter numbers: L119, L124, L164, L105 ※ There are frames and safety chains with all house lighting equipment, extra equipment should include safety chains. ※ There is no gobo holder or iris with ETC Source Four lighting equipment. (Gobo holders, irises and other lighting related equipment are supplied by the house contractor, supply requests should be made during the technical coordination meeting.)				

■ Follow Spot:

- Brand /Model: Lycian #1280
- Bulb: 600W LED
- Amount: 2
- Location: Front zone of the balcony. (4F)

4. **Lighting Equipment List:**

Item	Brandr	Amount	Bulb Watt	Note
ETC Source Four ZOOM 25°~50°	ETC	7	750W	
ETC Source Four 19°	ETC	48	750W	
ETC Source Four 26°	ETC	50	750W	
ETC Source Four 36°	ETC	30	750W	
ETC Source Four Fresnel	ETC	22	750W	
PAR64 (M) (W) (Made in Taiwan)	None	26	1000W	M x 12 W x 14
Cyc lights (Made in Taiwan)	None	36	500W	

5. **Lighting Accessory:**

Item	Equipment Matching	Amount	Size (cm)	Note
Frame	ETC Source Four	100	15.7 x 15.7	
	ETC Source Four Zoom	10	18 x 18	
	ETC Source Four Fresnel	24	19 x 19	
	Par 64	60	25 x 25	
Safety Chain	All House Lighting Equipment			
Isolator		1		Portable
Multi-Cable		4	500	
		1	1000	

## 6. Others:

- Aerial Work Platform:
  - Brand/ Model: Genie AWP-30S x 1
  - Max Working Height: 30 ft (11m)
- Additional Power Supply:
  - Type/Voltage/E current: 3  $\theta$  4W 220/110V 75A  
3  $\theta$  4W 380/220V 100A
  - Connection: Bare wire with crimp terminal.
  - Amount: 2 of each
  - Location: Down stage right and behind the sound control room.
- Working Notes:
  - Please make sure the distance between curtains and lightning equipment are adequate, to prevent damage.
  - Please follow the instructions while using the aerial work platform.
  - Smoke cakes are prohibited.
  - If there will be additional lighting equipment used (ex: fog machine), please communicate with house stage managers during the technical coordination meeting.

## 7. House Light Control:

- Console: Smart Fade 12/48, located in the lighting control room. (Can only use by the house) There is also a basic remote control panel at stage right.
- Control: Can be controlled by other consoles through patching or through the remote control.

## 8. Work Light:

Area	Existence	Area	Existence
Stage	Yes	Catwalk	Yes
Side Stage	Yes	Lighting Box	Yes
Tension Grid	Yes		

## 9. House Dimmer Plot:

### Catwalk

14	13 12 162 161	11 160	10 9 159 158	8 7 157 156	6 5 155 154	4 153	3 2 152 151	1
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### Lighting Box(L)

128	127
168	

126	125
166	167

105~112 Multi / 3pin
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### Lighting Box(R)

123	124
163	164

121	122
165	

97~104 Multi / 3pin
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Auditorium

Proscenium

### E1. 1<sup>st</sup> Lighting Batten

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

### E2. 2<sup>nd</sup> Lighting Batten

35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52

### E3. 3<sup>rd</sup> Lighting Batten

53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

### E4. 4<sup>th</sup> (CYC) Lighting Batten

71~74 71~74 71~74 75~78 75~78 75~78 79~82 79~82 79~82

### E5. 5<sup>th</sup> Lighting Batten

83 84 85 86 87 88 89 90 91 92 93 94 95 96

### Up Stage

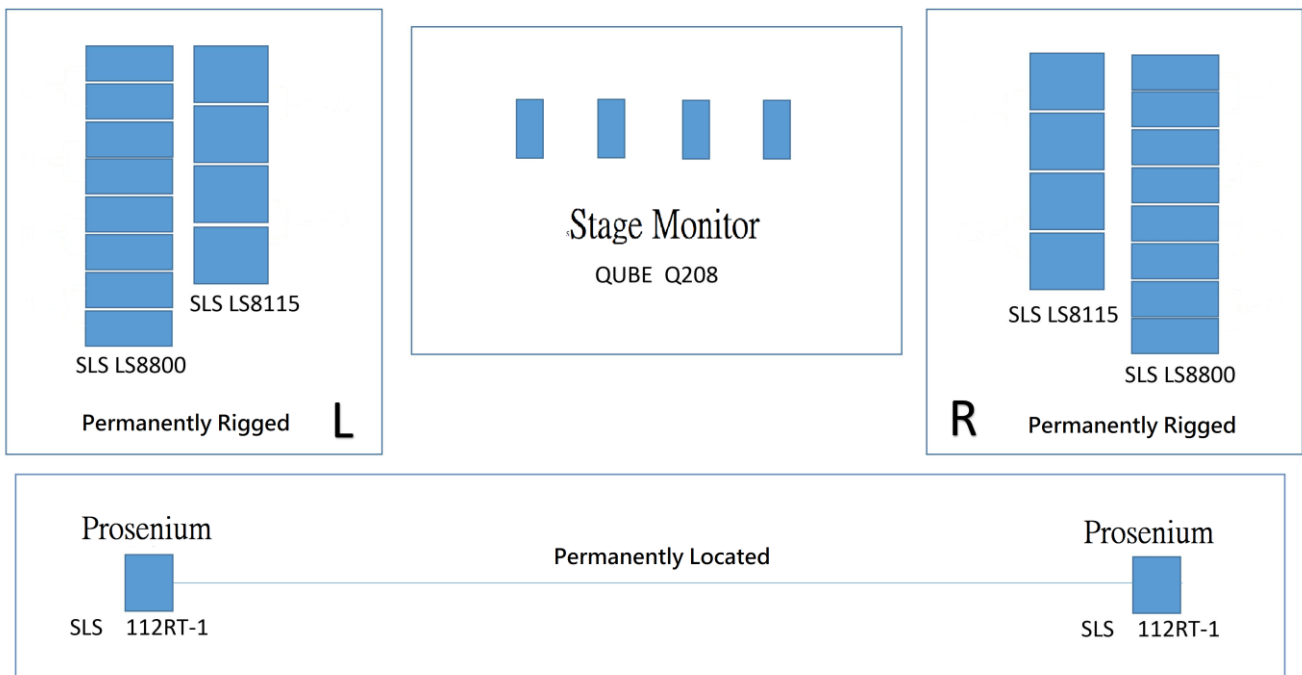
117~120 Multi / 3pin
131~132 136~138

113~116 Multi / 3pin
129~130 133~135

# Sound

## 1. System:

- Sound Control Room Location: Behind the last row of the auditorium (3F)
- Console: • Brand/ Model: YAMAHA DIGITAL MIXING CL3
  - Input Channels: 64 mono, 8 stereo
  - Output Channels: 24 mix, 8 matrix
- P.A. System:
  - Array Speaker (stereo), Sub and Proscenium(both are mono); 4 sets of stage monitor speaker.
  - Stage Right: Input x 8 + Output x 6
  - Stage Left: Input x 8 + Output x 6
  - Sound Control Room: Input x 4



## 2. Sound Equipment:

Item	Brand/ Model	Amount	Note
<b>Additional Equipment</b>			
CD-R Player	TASCAM CD-RW901SL	1	Affixed
<b>House Speaker</b>			
Line Array Main Speaker	SLS LS8800	16	Permanently rigged
Line Array Subwoofer	SLS LS8115	8	Permanently rigged
Two-Way Loudspeaker	SLS 112RT-1	2	Affixed
Reinforcement Loudspeaker	QUBE Q208	4	With 4 stands
Studio Monitor	GENELEC 8040B	2	Fixed in sound control room
Powered Monitor Speaker	YAMAHA MSP5 STUDIO	2	Fixed in center control room
Powered Monitor Speaker	YAMAHA MSP5 STUDIO	2	Fixed in lighting control room
Rigging System (Line Array Only)			Affixed
<b>Wireless Microphone</b>			
Dual-Channel True Diversity Receiver	MIPRO ACT-74	2	
Wideband Handheld Mic	MIPRO ACT-70H	6	AA batteries are not included.
<b>Microphone Stand</b>			
Table Stand		3	
Stand with Telescoping Boom		5	

Others			
Digital Processor	LYNX ARK-2048	1	House system, cannot be borrowed or changed.
Distribution Amplifier	LA AUDIO DA82	2	
Graphic Equalizer	LA AUDIO EQ231G	2	
Super-Smart AVR 20KVA	POWER PS320 Y2	1	
Control Panel	MCW	1	
Power Sequence Control	MCW PC3012A	3	
Effects Processor	TC Electronic M2000	1	
Switch	HP V1910-16G/JE005A	4	
Computer	ACER 17-3770	1	
STAGE BOX	8 in 4 out (custom-made)	2	

### 3. Intercom System:

#### ■ Main Station:

- Brand/ Model : Clear-Com MS-702
- 2-Channel 1RU main station with built-in speaker
- Portable speaker stations are required.

### 4. Intercom Equipment:

Item	Amount	Brand/ Model	Note
Beltpack	10	Clear-Com RS-701	
Single-ear standard headset	10	Clear-Com CC300	
Remote Speaker Station	3	Clear-Com KB-702GM	With mics, fixed in control rooms.
Wall-Mount Speaker Station	4	Clear-Com KB-701	Affixed in dressing rooms.

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## 5. Stage Monitoring System:

### ■ Control Panel:

- Brand/ Model: Panasonic/AW-RP60
- Monitor: CHIMEI TL-43G100
- Location of Monitors: Dressing room, VIP room, side stage left and right, green room, sound control room, light control room and lobby.
- Fixed channel.

### ■ Camera:

- Brand/ Model: Panasonic AW-IE150
- Hue: Optical Zoom
- Amount: 1
- Location: In front of the balcony. (4F)
- Visual Range: Stage wide.

## 6. Acoustical Shell:

Brand	Color	Amount	Size (cm)	Operation
Wenger	White	12	183 (W) x 463 (H)	Please position with house technicians.

## Backstage

**1. Staff Areas:** There are 4 locations, each capacity is about 8 people, total capacity is about 32 people.

### Dressing Room 1, 2

Item	Amount	Item	Amount	Item	Amount
Table	3	Locker	8	Toilet/ Shower	1
Chair	16	Full-length Mirror	2	Clothing Garment Rack	2
Mirror	8	Fan	1	Double Sofa	1
Mirror Bulb	8	Desk	1	Water Dispenser	1
Intercom	1	CCTV	1		
※There is only one full-length mirror in Dressing Room 2. ※Table x2 and the mirror with mirror bulb are affixed.					

### Green Room L, R

Item	Amount	Item	數量	項目	數量
Table	8	Locker	0	Toilet/ Shower	0
Chair	16	Full-Length Mirror	0	Clothing Garment Rack	0
Mirror	8	Fan	0	Double Sofa	1
Mirror Bulb	8	Desk	0	Water Dispenser	0
Intercom	1	CCTV	1		

**2. Others:**

Item	Amount	Note
VIP Room	1	Need to apply to Taipei City Arts Promotion office for using.
Small Size Room	1	At up stage left, where the refrigerator and trash cans are.
Areas at 3 <sup>rd</sup> Floor	2	Similar sizes as green rooms.
Musician Chair	70	One is currently broken.
Music Stand	3	
Rise Cushion	453	Lobby: 134 (12 cm) +135 (16 cm) Balcony: 162 (12 cm) + 22 (16 cm)
Portable Work Table	8	Big x 4, small x 4
Stand Steamer	1	
Parking Lot	0	There is a pay parking garage in front of the city hall.