

## The Sound Equipment

### Sound Control Room

Item	Brand/Type	Amount	Note
Mixer	STUDER VISTA- 8	1	40 microphone Channel 20 Line Channel 8 Master mono 8 Group stereo 10 Aux mono 4 Aux Stereo
CD player	TASCAM CD-500B	1	For performance audio playback only
CD-RW	TASCAM SS-CDR200	2	For performance audio playback, recording use, recording fee please see “Venue Rental Handbook” .
Control Room monitor	GENELEC 8050A	2	
Wireless Microphone / Mini Microphone	SHURE ULXD4Q	4	Extra rental fee required.
	SHURE ULXD4D	2	Please see “Venue Rental Handbook” .

### Sound System

Item	Brand/Type	Amount	Location	Note
Main Speaker System	PHILIPS 3053 columnar speaker	8	Stage proscenium	Constant voltage transmission, Mono system
Loudspeaker & Monitor	PHILIPS 50W	2	Storage room	
Microphone circuit		40 circuit	Side wall of the stage	See appendix for the position chart SD-1
MULTI Cable	16 circuits for each set (A & B)	2	From stage to row 19、32 in the auditorium	

### Suspension Microphone

Brand	Type	Amount	Location	Note
NEUMANN	SM 69FET	1	Stage overhead	Dead hung multi points suspended microphones for monitoring and recording use
SCHOEPS	CCM21Lg	4		
SCHOEPS	MSTC64g	1		

### Microphone

Brand	Model	Amount	Type	Note
NEUMANN	U87AI	3	Condenser	Supply to the National Theatre, Concert Hall, Experimental Theatre and Recital Hall, the rental fee please see " Venue Rental Handbook"
NEUMANN	KM-184	4	Condenser	
AKG	D330BT	10	Dynamic	
AKG	C3000	3	Condenser	
AKG	C562BL	3	Condenser	
AKG	D112	4	Dynamic	
AKG	C414B-XLS	8	Condenser	
SHURE	SM57	10	Dynamic	
SHURE	SM58	6	Dynamic	
SHURE	SM58S	5	Dynamic	
SHURE	BETA 57A	6	Dynamic	
SHURE	BETA 58A	5	Dynamic	
SHURE	BETA 91	2	Dynamic	
SHURE	PGDMK6-XLR	1set	For Jazz drum set	
SENNHEISER	MD-441U	12	Dynamic	
SENNHEISER	MKH-70	6	Condenser SHOTGUN	
CROWN	PCC-160	5	Condenser	
SCHOEPS	CMC6+MK4g	2	Condenser	

### Mixer 、Equalizer 、Effect 、 Sound processor

Items	Brand/ Type	Amount	Note
Compress / Limiter	dbx 160A	4	Supply to the National Theatre, Concert Hall, Experimental Theatre and Recital Hall, the rental fee please see " Venue Rental Handbook"
	dbx 1046	4	
Expander	dbx 1074	4	
Graphic Equalizer	Klark Teknik DN360	4	
Parameter Equalizer	Klark Teknik DN410	4	
Effect	TC Electronic M3000	1	
	Lexicon PCM91	3	
	YAMAHA SPX2000	1	
Delay	TC Electronic D2	4	
Signal converter	Klark Teknik DN100	10	
Analog mixing console	MIDAS VENICE 320	1	
	MIDAS VENICE 240	1	
	MIDAS VENICE 160	2	
Digital mixing console	YAMAHA PM5D	1	
	YAMAHA M7CL	2	
	YAMAHA QL5	1	
	YAMAHA QL1	1	

### Loud Speaker & Stage Monitor

Items	Brand/ Type	Amount	Note
Active speaker-Wide angle	MEYER SOUND UPA-1P	6	Supply to the National Theatre, Concert Hall, Experimental Theatre and Recital Hall, the rental fee please see " Venue Rental Handbook"
Active speaker-Wide angle	MEYER SOUND UPJ-1P	4	
Active speaker-Stage monitor	MEYER SOUND UM-1P	9	
Active subwoofer speaker	MEYER SOUND USW-1P	2	
Active front fill speaker	MEYER SOUND UPM-1P	4	
Active speaker monitor	YAMAHA MSP5A	3	

### Microphone Stand

Brand	Type	Amount	Note
AKG	ST305	2	30-60cm extension arm
AKG	ST305	2	15-30cm extension arm
PHILIPS	T	10	

### Intercom System

Items	Brand/ Type	Amount	Location	備註
Intercom system main station	Clear-Com SB704	1	Control room	
	WP-2(connection circuit)	5	SR & SL Auditorium Follow spot room	
Intercom system sub-station Clear- Com (with build in microphone & speaker)	KB-702	3	Conductor resting room Stage manager desk Audio control booth Lighting Control booth	See appendix for the position chart SD-2
Portable station	Clear-Com RS - 601	9		
Single ear headset	Clear-Com CC-40			

Video Control Room Equipment List

Items	Brand/Type	Amount	Note
Camera Set	Camera Power Supplier IKEGAMI BSF-55	1	1.Set on the back of the auditorium 2.Single camera
	IKEGAMI HDK-79GX	1	3.HD/SD-SDI&Composite output
	OCP-399	1	4.For BD video output for file recording 、performing group monitoring and late audience watching. 5. Please note that the relevant fee will be used in accordance with the “Venue Rental Handbook”
Image signal view waveform vector monitor	PROTECH HDF-700	1	HD LCD waveform monitor
DDR Recorder	32T Disk array	1	Provide program video recording service, the service rate please see the “Venue Rental Handbook”
Video Monitor	17吋 LCD HDTV IKEGAMI HLM-1704WR	1	
Recording Monitor	9吋 LCD HDTV IKEGAMI HLM-905WR	3	
BD player	SONY BDP-S190	1	for program information clips playback
RF Converter	WINERSAT WAM-860SL	2	Convert the video image signal to RF signal for both back stage & FOH TV monitors. CH.11 : Backstage area CH.12 : FOH area, for program information clips playback

Stage Monitor System ( MATV )

Location	Brand/Type	Amount	Note
1F FOH Lobby Right & Left sides	InFocus 40"LED	2	For performing groups monitoring, and late comers viewing in the lobby.
2F FOH Lobby Right & Left sides	InFocus 50"LED	2	
3F FOH Lobby Right & Left sides	InFocus 40"LED	2	
4F FOH Lobby Right & Left sides	InFocus 40"LED	2	
2F Backstage standby area	vizio 42"LCD	2	
2F Conductor resting room	vizio 42"LCD	1	
2F Lighting, Audio, and Video control booth	SAMPO LCD 20"	2	
2F Stage Manager room	vizio 42"LCD	1	
2F SR & SL stand by area	vizio 42"LCD	2	

Projector, Projection Screen

Items	Brand/ Type	Amount	Note
6000 ANSI lumen ( Contains standard lens 1.8-2.4:1) Another can be replaced 1.3-1.8: 1 lens two	Panasonic PT-D5700U	1set	Supply to the National Theatre, Concert Hall, Experimental Theatre and Recital Hall, the rental fee please see “Venue Rental Handbook”
5500 ANSI lumen	EPSON EB-2065	4	
5000 ANSI lumen	EPSON EB-1960	2	
4500 ANSI lumen	EPSON EB-4950WU(HD)	2	
3600 ANSI lumen	EPSON EB-42	2	
3500 ANSI lumen	EPSON EB- 685W(( Short focus type ))	2	
80” Front Projection Screen	DA-LITE SP-80 Pneumatic cylinders 180 cm *135 cm	2	
100” Front Projection Screen	DA-LITESP-100 Pneumatic cylinders 214cm *163 cm	4	
100” Rear Projection Screen	The Screen Works E-Z Folding Gray color 214 cm *163 cm	4	
150” Front and Rear Projection Screen	DA-LITE / Folding 305 cm*229 cm	2	
210” Front and Rear Projection Screen	DA-LITE / Folding 427 cm *320 cm	1	
300” Front Projection Screen	DA-LITE TRUSS DELUXE / Folding 640 cm *488 cm	1	

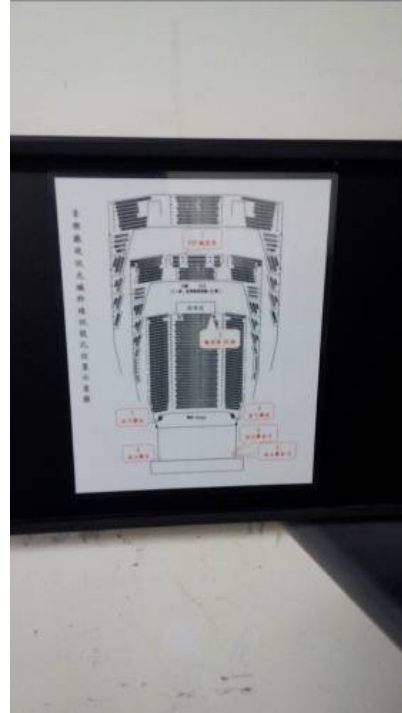
Note Book Computer

Items	Brand/ Type	Amount	Note
ASUS	A8S	2	Supply to the National Theatre, Concert Hall, Experimental Theatre and Recital Hall, the rental fee please see “ Venue Rental Handbook” . The computer is for projecting performance images & information use only
ASUS	A8Ja	1	
ASUS	X450J	2	

### HD video fibre Patch panels

Items	Type	Amount	備註
1F Control room HD video fibre Patch panels	LEMO 3K93C Series plugs	7	Provide performance groups HD multi-machine video operations use.
connection box	LEMO 3K93C Series socket	7	

#### 1. 1F Control room HD fibre Patch panels

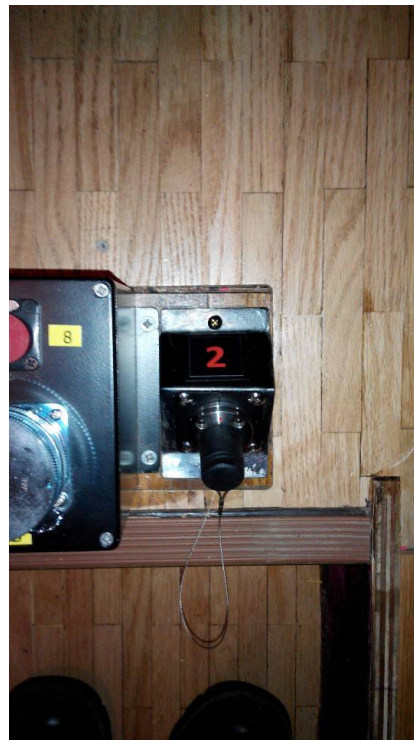


#### 2. connection box : 7 connection box

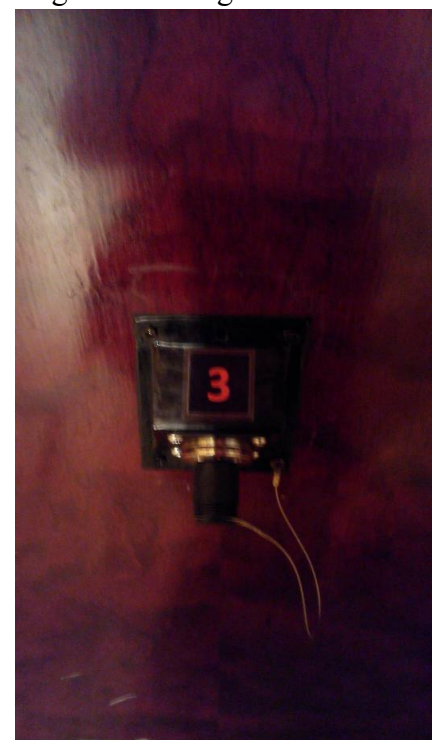
VIP Auditorium



Auditorium row 32



Right down stage





Right upper stage-1 -2



Left upper stage



Left down stage



音樂廳視訊光纖幹線訊號孔位置示意圖

