

# Technical Information for Playhouse

! ★ Requires rental fee. Ask Theatre office about the details

! Shared items are also available. See "Shared Items List".

Last Updated :1st April 2019

Stage	
Proscenium	approx. w14.2m / h9m
<b>Stage</b>	
approx. w14.2m / d17m	
From stage floor to grid approx. 20m	
Understage depth approx. 6.5m	
Stage Lift (divided into 4 section)	
1 section : approx. w12.7m / d2.7m each	
4 sections : approx. W12.7m / D10.8m	
Speed adjustable : 1.5~15m /min	
<b>Rotating stage</b>	
Sliding stage : approx. w12.7m / d14m	
speed adjustable : 3~30m/min	
Rotating stage : approx. Diameter 10.9m	
speed adjustable : 0.15~1.5rpm	
Orchestra Pit (divided into 2 section)	
approx. w14.2m / d4.7m	
Speed : 4m /min	
<b>Soft goods (fundamentally rigged)</b>	
House Curtain : w19,500 x h9,700mm x1	
House Curtain (centre opening / closing, Red velvet)	
: w10,500 x h10,000mm x 1pair	
Black curtain : w19,500 x h10,000mm x 1	
Boder : w19,500 x h5,000mm x 6 (wool serge)	
Leg : w5,000 x h10,000mm x 4pairs (wool serge)	
Tabs : w10,500 x h10,000mm x 2pairs (wool serge)	
w4,350 x h8,200mm x 4pairs(wool serge)	
w2,800 x h8,250mm x 1pair(wool serge)	
w19,500 x h10,000mm x 1 (wool serge)	
Cyclorama : w19,500 x h12,000mm x 1 (white PVC)	
<b>Bars</b>	
31(w19.5m each)	
(Bar 4,5,6,7,10,11,12,13,16,17,18,19 can be taken out 400mm each from the both ends )	
Safe Working Load :1000kg (with limited speed)	
<b>Others</b>	
★ Legs w2,700 x h10,000mm (wool serge)	1
★ Legs w2,700 x h9,450mm (wool serge)	1
★ Border w19,500 x h5,000mm(wool serge)	2
★ Black scrim w17,000 x h9,000mm	1
★ Grey scrim w17,000 x h9,000mm	1
★ PVC black w17,000 x h10,000mm	1
★ Ballet mat Black w1,818 x L17,000mm	9
Grey w1,818 x L17,000mm	9
★ < Orchestra >	
※ For piano and music stands etc., see "Shared Items List" and please ask theatre office for their availability in advance.	

Lighting			
Capacity	3P4W 1P3W	750KVA 120KVA	
Circuit on stage	486cir 3kw / 24cir 6kw Portable dimmer rack 2kw x 3cir x 40 (Including on each bridges)		
Circuit in auditorium	34cir 2kw		
<b>Lighting Console</b>			
MARUMO ELECTRIC CO.,LTD.			2 set
Sub master fader		20	
JASCI		Applicable	
<b>Power panel</b>			
SR	3P4W 1P3W	MCCB 4P 400AF / 400AT MCCB 3P 225AF / 200AT	
SL	3P4W 1P3W	MCCB 4P 400AF / 400AT MCCB 3P 225AF / 200AT	
Projection room	1P3W	MCCB 3P 100AF / 100AT	
<b>Dimmer</b>			
1st light bridge		3kw 36cir	
2nd light bridge		3kw 36cir	
3rd light bridge		3kw 36cir	
4th light bridge		3kw 36cir	
* Able to add 12 cir to each bridges by dimmer pack.			
* Items fundamentally rigged on above bridges			
		1000w Fresnel	15 each
		1000w PC light	10 each
		750w Ellipsoidal profile light 26°	10 each
Lx Bar 1		12cir 6kw	
	500w cyclorama (4 lights in square)		28
Proscenium / Auditorium Lx bar		12cir 3kw each	
	1500w Fresnel		12 each
Side auditorium SR / SL		22cir 4kw each	
	1500w PC light		20 each
	750w Ellipsoidal profile zoom light15-25°		20 each
1st Ceiling Lx bar		30cir 4kw	
	1500w PC light		28
	750w Ellipsoidal profile zoom light 15-25° with iris		24
2nd Ceiling Lx bar		32cir 4kw	
	1500w PC light		18
	750w Ellipsoidal profile zoom light 15-25° with iris		10
Balcony		18cir 3kw	
SR Gallery		24cir 3kw	
SL Gallery		24cir 3kw	
Proscenium SR		4cir 3kw	
	SL	4cir 3kw	
Wing SR		4cir 2kw	
	SL	4cir 3kw	
DSR		27cir 3kw	
DSL		27cir 3kw	
USR		15cir 3kw	
USL		15cir 3kw	
US		8cir 3kw	
Side path		4cir 3kw	
		(shared with SR + SL)	

<b>Lanterns</b>	500w Fresnel foot light	12
	500w Fresnel	20
	1000w Fresnel	30
	1500w Fresnel	30
	500w PC light	20
	1000w PC light	30
	750w Ellipsoidal profile light 19°	52
	750w Ellipsoidal profile light 26°	20
	750w Ellipsoidal profile light 36°	44
	750w Ellipsoidal profile light 50°	20
	PAR64 / 1Kw Narrow	40
	PAR64 / 1Kw Medium	20
<b>Follow spot</b>	1st Ceiling Lx bar	
	1kw Xenon follow spot	2
	2nd Ceiling Lx bar	
	2kw Xenon follow spot	4
★ Effect light	1000w Effect projector light	12
	Objective lens 4 / 6 / 8	8 each
	Objective lens 10 / 12 / 16	4 each
	Effect wheel	4
	Twin spin	4
	Film drive	4
	Slide carrier	10

Sound		
<b>Console</b>		
Digital Console in Sound Control Room	MIDAS Pro6b	1
<b>Recording Playback/Effect</b>		
Word Clock Generator	BRAINSTORM DCD-8	1
CD Recorder	TASCAM SS-CDR200	1
Double Cassette Deck	TASCAM 202MK5+LA-40MK3	1
CD/MD Deck	TASCAM MD-CD1BMKIII	2
CD Player	TASCAM CD-500B+RC-20	2
DAW	Digidesign 003 Factory	1 set
Surround Processor	t.c.electronic SYSTEM6000MK II	1 set
<b>Sound Power Supply(100V)</b>		
3kw in SR / SL		6 / 6
1.5kw in SR / SL		2 / 2
3kw in Auditorium		2
1.5kw in Auditorium		2
3kw in USR / USL		2 / 2
<b>Flying Microphone System</b>		
Flying Mic System		4

Speaker			
Proscenium Side Speaker	Electro-voice EVF-1152D/94		2
	Electro-voice EVF-1122D/96		2
Proscenium Centre Speaker	Electro-voice XLD291		2
	Electro-voice XLD281		6
	Electro-voice XCS312		1
Side Speaker	Electro-voice XLD291		10
	Electro-voice XCS312		4
Infill Speaker	Electro-voice EVF-1122S/96		2
Front Fill Speaker	Electro-voice EVID 4.2		4
Feed Back Speaker	NEXO PS10U		2
Ceiling Speaker	Electro-voice Zx3		3
	Electro-voice TX1181		1
Side Balcony Speaker(2nd Auditorium)	Electro-voice EVU-1062/95		4
Under Balcony Speaker(1st Auditorium)	JBL Control328C		8
Wall Speaker	NEXO PS8U		14
★ Line Array Speakers			
	Electro-voice XLD291		12
	Electro-voice XLC215		4
★ Non-Powered Speaker			
	NEXO PS10U		2
	Electro-voice Zx1		4
	Electro-voice QRx112/75		2
	JBL Control1PRO		8
★ Powered Speaker			
	Yamaha MSP5 STUDIO		6
	Yamaha MSP3		6
	Yamaha MS101III		6
Monitoring Speaker (in Sound control Room)	GENELEC 1032A		3
★ Wireless Microphone			
	Sennheiser 2000 Series	* Maximum use is 6mic.	
	Hand-held Transmitter		
	Sennheiser SKM2000BK-JB		6
	Condenser head for SKM2000BK-JB		6
	Sennheiser MMK965-1BK		6
	Body pack transmitter		
	Sennheiser SK2000JB		6
	Clip-on Microphone		
	DPA 4061-BM+DAD6003		6
	Plug-on Transmitter		
	Sennheiser SKP2000JB		6
<b>Microphone</b>			
Dynamic	Sennheiser MD441U		2
	Sennheiser MD421 U-4		2
	Shure SM58-LCE		10
	Shure SM57-LCE		10
	Shure SM58SE		4
	Electro-voice RE-20		2
★ Condenser	Sennheiser MKH 416P-48U3		6
	AKG 414XL II		4
	AMCRON PCC-160		10
Other	DI COUNTRYMAN TYPE85		2

# Shared Items List

! ★ Requires rental fee. Detail is on another list.

! These items on this sheet are shared with all the other venues. Please ask theatre office each availability in advance.

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Stage			
★ Piano	Steinway D274		1
★ Piano	YAMAHA C7LA		1
★ Piano	YAMAHA YUS3		1
★ Player's chair			75
★ Music stand with lamps			80
★ Conductor's Platform			1
	W900 x D600 x H300mm		
	(Height can be H150mm, handrail is removable)		
★ Music stand for Conductor			1
★ Stage Deck	1,818 x 1,818 x 182mm		50
★	1,212 x 1,818 x 182mm		40
★	909 x 1,818 x 182mm		50
★	909 x 909 x 182mm		10
★ Wooden Deck	1,818 x 1,818 x 121mm		10
★	1,212 x 1,818 x 121mm		20
★	909 x 1,818 x 121mm		40
★	606 x 1,818 x 121mm		20
★ Ballet Mat (black or grey)	w909 x L13,000mm		14
★ Black Scrim 8P	w10,500 x h6,000mm		1
★ Grey Scrim 8P	w10,500 x h6,000mm		1
★ PVC screen white	w10,500 x h6,000mm		1
★ PVC screen black	w10,500 x h6,000mm		1
★ Leg	(w1,800mm x h6,000mm wool serge)		3
★ Border	(w12,000 x h1,800mm wool serge)		2
★ Border	(w12,000 x h450mm wool serge)		2
★ Masking	(w13,000 x h6,000mm wool serge)		1
★ Masking	(w8,000 x h6,000mm wool serge)		2
★ Masking	(w6,500 x h5,000mm wool serge)		2

Sound			
★ Mobile Line Array Speakers			
L.Acoustics KARA System			1 Set
	KARA x 8+SB18 x 2+LA8jp x 4		
	(Rigged on stand with wheels.)		
★ Mobile Speaker			
Electro-voice Zx3-90			4
RCF HD12-A			2
★ Mobile Console			
YAMAHA M7CL-48			1
YAMAHA M7CL-32			1
MIDAS Venice F24			1
Mobile Analog Graphic Equaliser			
Klark Teknik DN370			8
Mobile Multi Effector			
YAMAHA SPX2000			6
Mobile Wireless Intercom system			
HME DX210 Series			1 set
	(Base Station x1 with case Belt Pack x 15)		
Recording Playback / Effect			
Roland R-44-R ( record on SD cards)			2
SE Sytem RM2 for Ableton Live(USB Remote Controller)			2
SE System RM202 for DJ1800(USB Remote Controller)			2
Other DI COUNTRYMAN TYPE85			2
★ Condenser Microphone			
AKG C451-B			4
SONY C-38B			4
audio-technica AT857DLL/C+AT8655			2
★ Wireless Microphone System * Maximum use is 6mic.			
Hand-held Transmitter			
Sennheiser SKM5200- II -BK-N-JP			6
Condenser head for SKM5200- II -BK-N-JP			
Neumann KK104 S BK			6
Body pack transmitter			
Sennheiser SK5212- II -BK-N-JP			6
Clip-on Microphone			
DPA 4061-BM+DAD6003			6
Plug-on Transmitter			
Sennheiser SKP2000-BW-X-JP			6

Lighting	
! Lens tube zooms for Ellipsoidal are available. However, they are NOT able to focus 90° down below. Please ask theatre office about the detail.	
Lens tube 5° for source four	6
Lens tube 10° for source four	6
Lens tube 14° for source four	8
Lens tube 70° for source four	8
Lens tube 90° for source four	8
PAR16	20
PAR36 / 500w Narrow	24
Beam projector (4 for 1set)	12 set
★ 1000w Effect projector light	6
Objective lens 4 / 6 / 8 / 10	
Objective lens 12 / 16 / ZOOM	
! Please ask theatre office about the detail.	
★ Double Gobo rotator	8
★ Animation disk rotator	8
★ Festoon ( LED )	
2 x w5454xh7272mm, 1 x 9090x7272mm, 1 x w7272x h7272mm	
★ Fire Effect	4
★ Aurora effect	4
★ Wave effect	4
★ PAR strobe	8
★ Hyper strobe	2
★ Mirror ball (300mm)	2
★ DMX UV light	10
★ 5 inch colour changer	20
★ 8 inch colour changer	20
! Please ask theatre office about the types of gelstrings.	
700w Xenon follow spot	2
★ ETC Ion	1
★ VL-1100Arc	10
★ VL-3500SpotQ	4
! We have basic Gobos only.	
! We do NOT provide programming work for Ion and moving lights	
★ Smoke machine ( Rosco Delta 3000 )	3
★ Haze machine ( MDS Atmosphere )	3
★ Digi Fan	4

Projection	
★ 3chip DLP projector	1
(Panasonic PT-DZ8700 10,600 lm)	
Zoom lens (1.8~2.6:1) ET-D75LE20	1
Zoom lens (2.6~5.0:1) ET-D75LE30	1
Zoom lens (4.6~7.4:1) ET-D75LE40	1
★ 1 chip DLP projector	1
(Panasonic PT-D4000 4,000lm)	