

UNIVERSITY CULTURAL CENTRE

HO BEE AUDITORIUM



The Ho Bee Auditorium is built in a modified horse-shoe design, with stalls parterre and two Circle levels.

The Auditorium is equipped with acoustic shelling, featuring a series of convex surfaces that scatter the acoustic energy and avoid creating focal points of sound within the space, in order to achieve optimum acoustic performance. It is also equipped with a fly tower consisting of 65 units of fly sets which are a combination of manual counter-weight fly sets and motorised fly sets.

The Auditorium can be flexibly adapted to hold orchestra performances, music concerts, opera, dance and musicals.

Additionally, the venue can also be used for multimedia presentation, seminars and convocation ceremonies.



Stalls (Level 1)	Grand Circle (Level 2)	Circle (Level 3)	Total
913	329	365	1607 (default) 1710 (maximum)

- It is possible to accommodate up to maximum of 1710 seats including seating at sound cockpit (34 seats) and orchestra pit (69 seats). Reconfiguration charges apply.
- All seat configurations are inclusive of 10 wheelchair spaces.



- The floor is completely made of wood, solidly embedded on concrete.
- Proscenium is 15.9m (width) by 11.5m (height). Performance area is 14m (width) by 13.4m (depth). An orchestra of 90 musicians can be housed on the Hall stage with its forestage extension.
- Comprehensive lighting equipment and sound system. Details available upon request.



Dressing Rooms & Accommodation

All levels have common male and female toilets (All rooms with washbasin attached, unless otherwise stated)

16 Dressing Rooms ranging from 3–20 persons capacity (across 3 levels)

3 Dressing rooms with en suite at S\$100 per day per room

Ho Bee Auditorium Green Room

Rental Rates

Important:

- Minimum of one Bump In & Out / Setup / Rehearsal / Holding* block and one Event block per booking
- All venue hire will incur mandatory production costs, including but not limited to equipment rental, hire of UCC crew and consumables such as electricity charges and transport costs
- Peak rates are applicable on Friday, Saturday, Sunday, Eve of Public Holiday and Public Holiday

EVENT WITHOUT TICKET SALES*

Charges indicated per 4-hr block. Any extension will be pro-rated on half-hourly basis.

		Commercial Organisations / Individuals		Others	
		Off-Peak	Peak	Off-Peak	Peak
Bump In & Out / Setup / Rehearsal / Holding*		S\$1,400	S\$1,900	S\$1,400	S\$1,900
*Holding: Rental applies from 9am until 10pm whenever setup is in place					
Event Rate (Rental applies 1.5hr before start of event)	Stalls	S\$4,800	S\$5,800	S\$4,200	S\$5,200
	Stalls & Grand Circle	S\$5,400	S\$6,500	S\$4,700	S\$5,700
	Stalls, Grand Circle & Circle	S\$6,100	S\$7,200	S\$5,100	S\$6,200

EVENT WITH TICKET SALES*

Selecting this option means that tickets for the event must be printed and sold by UCC-Approved ticketing agents. UCC (Venues) will provide the list of approved ticketing agents to hirers.

Charges indicated per 4-hr block. Any extension will be pro-rated on half-hourly basis.

		Commercial Organisations / Individuals		Others	
		Off-Peak	Peak	Off-Peak	Peak
Bump In & Out / Setup / Rehearsal / Holding*		S\$1,400	S\$1,900	S\$1,400	S\$1,900
*Holding: Rental applies from 9am until 10pm whenever setup is in place					
Event Rate or 15% of Gross Ticket Sales (whichever is higher) (Rental applies 1.5hr before start of event)	Stalls	S\$3,900	S\$4,900	S\$3,000	S\$4,000
	Stalls & Grand Circle	S\$4,400	S\$5,500	S\$3,500	S\$4,550
	Stalls, Grand Circle & Circle	S\$5,000	S\$6,100	S\$4,000	S\$5,150

Charity Performances: The same rate applies to a maximum of S\$8,500 per event block and subject to the conditions listed at <https://www.charities.gov.sg/Pages/Fund-Raising/About-Fund-Raisers.aspx>

Rental includes:

- Deployment of ushers at UCC's discretion for venue management;
- Equipment as listed in standard venue equipment list
- Air-conditioning at stage area only during bump in & out / setup / rehearsal
- Air-conditioning at all areas of the hired venue during event rate
- Group dressing rooms (number of dressing rooms allocated based on individual production needs)

Rental excludes:

- Dressing rooms with en suites
- Ushers/housekeeping for reception
- Specialised equipment & any other extra equipment; charges for electricity used on stage (meter starts from the time of bump-in and will end when the venue has been reset to default)
- Transport charges for manpower at S\$40 per trip per person when staff commences work from 11pm - 7.59am or when show ends and tear-down cannot be completed by 10.30pm, and any event-related trips between 8am – 11pm
- Technical manpower charges as follows:

	All days except Public Holidays		Public Holidays
Working Hours	8am–12am	12am–8am	Whole Day
Technical Crew (per hr/person, min. 4hrs call time)	S\$27	S\$42	S\$42

- Duties of Crew are determined by UCC and details will be shared during production meetings
- Crew to be given 1-hr break for every 4 hrs of work; Hirers will not be charged for breaks
- Depending on production requirements and with UCC's approval, a shorter 30-min meal break may be allowed at the cost of S\$27 per person
- Cancellation charges for crew:
 - 50% of total technical crew charges if written notice is given 14 working days before first bump-in date
 - 100% of total technical crew charges if written notice is given less than 14 working days before first bump-in date

Other Charges:

- One-time package rate of S\$1,600 cleaning services when Hirer books Ho Bee Auditorium, Theatre, Atrium, and both foyers or as and when UCC deems necessary
- Additional manpower as and when required, chargeable as follows:

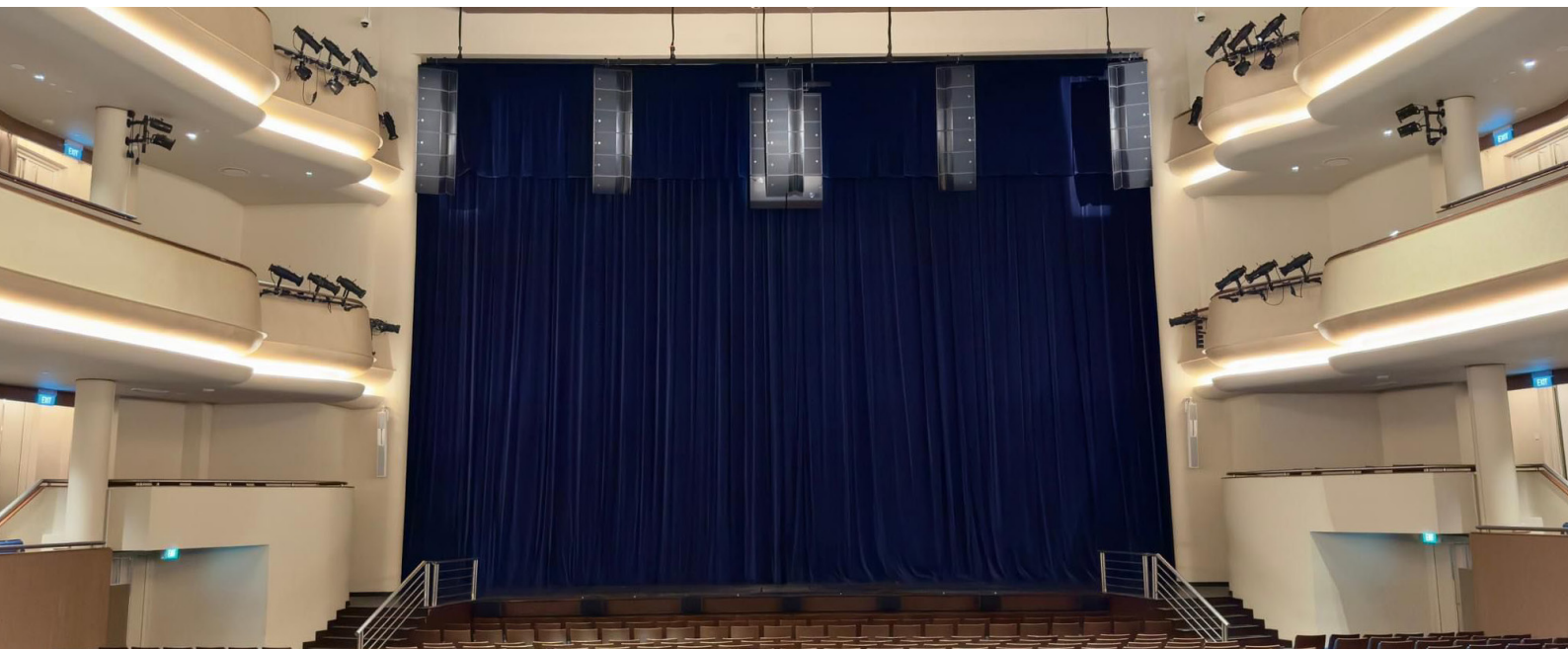
Minimum 3-hrs call time	Charges per hour per person
Usher	S\$18
Housekeeping	S\$18
Operation Services	S\$40
Fire Safety Officer	S\$75

All rates are subject to prevailing taxes. NUS reserves the right to amend all rates without prior notice.



UNIVERSITY CULTURAL CENTRE HO BEE AUDITORIUM TECHNICAL SPECIFICATIONS

STAGING



The Auditorium has three stage areas:

- Concert stage (open area)
- Stage wing space
- Orchestra pit lift platform

Important Notes:

Requests for additional equipment via Production Coordinators are subject to availability and rental charges will apply.

The availability of additional rental equipment operates on a first-come, first-served basis, as inventory is shared across venues.

Where we are required to employ services and/or purchase consumables on your behalf from third parties, a minimum mark-up of 20% of cost will apply.

All information is subject to change without prior notice.

Stage Dimensions

Proscenium height	11.48m
Proscenium width	15.94m
Apron depth	01.74m
Stage depth	15.00m
Stage width	33.46m
Depth of apron to rear wall	16.74m
Height to stage level from auditorium floor	01.07m
Auditorium to stage access	PS & OP of Platform (7 steps)
Depth of stage from Orchestra Pit leading edge to rear wall	20.47m
Stage to grid	24.50m
Performance area (without legs and cyclorama)	15.94m (W) by 15.00m (D)
Performance area (standard with legs and cyclorama)	14.00m (W) by 13.45m (D)
Stage left wing space	10.20m (W) by 15.00m (D) 10.00m (H) [Maximum height unobstructed]
Stage right wing space	09.15m (W) by 15.00m (D) 10.00m (H) [Maximum height unobstructed]
Load-in door dimensions	03.00m (W) by 06.00 (H)
Full stage dimensions	33.46m (W) by 15.00m (D) [501.90m ²]

Loading Dock Dimensions

Scenery door	03.00m (W) by 06.00m (H)
Loading dock door	02.70m (W) by 03.30m (H)
Loading dock ceiling height	04.30m
Loading dock height	00.97m
Loading dock width	11.00m

Orchestra Pit

Slightly fan-shaped. The orchestra pit lift accommodates 30 musicians (depending on layout and instruments used at three predetermined levels). The pit lift may be fitted with 69 removable seats in three rows.

Range of pit width	11.96m to 13.97m (down stage)
Central depth	03.73m
Loading	12-ton active and 36-ton static

Stage Floor

Tongue and groove timber on concrete. Painted matte black. No fasteners are to be used on this floor.

Flying System

Maximum weight per counterweight set	380KG
Six line pickup (3.3m centers)	6 x 19
Distance from proscenium wall to House Curtain	795mm ~ 800mm
Flying lines from House Curtain to last fly set	65
Number of Panorama bars each side	2
Working height of battens	High trim 22.50m – 23.00m / Low trim 00.48m – 00.60m
Batten dimensions	48.3mm o.d x 4mm
Batten length	20.00m
Batten drift	Extendable to 21.40m (Varies, non-flying only)
Batten centre	200mm
Stage to Grid Winch (Upstage OP)	1000KG SWL
Stage floor to grid floor height	29.00m

House Curtain

Motorized (Draw Left / Right) action speed	25 seconds
House curtain colour	Black
House curtain material	Velour
House curtain fullness	100%

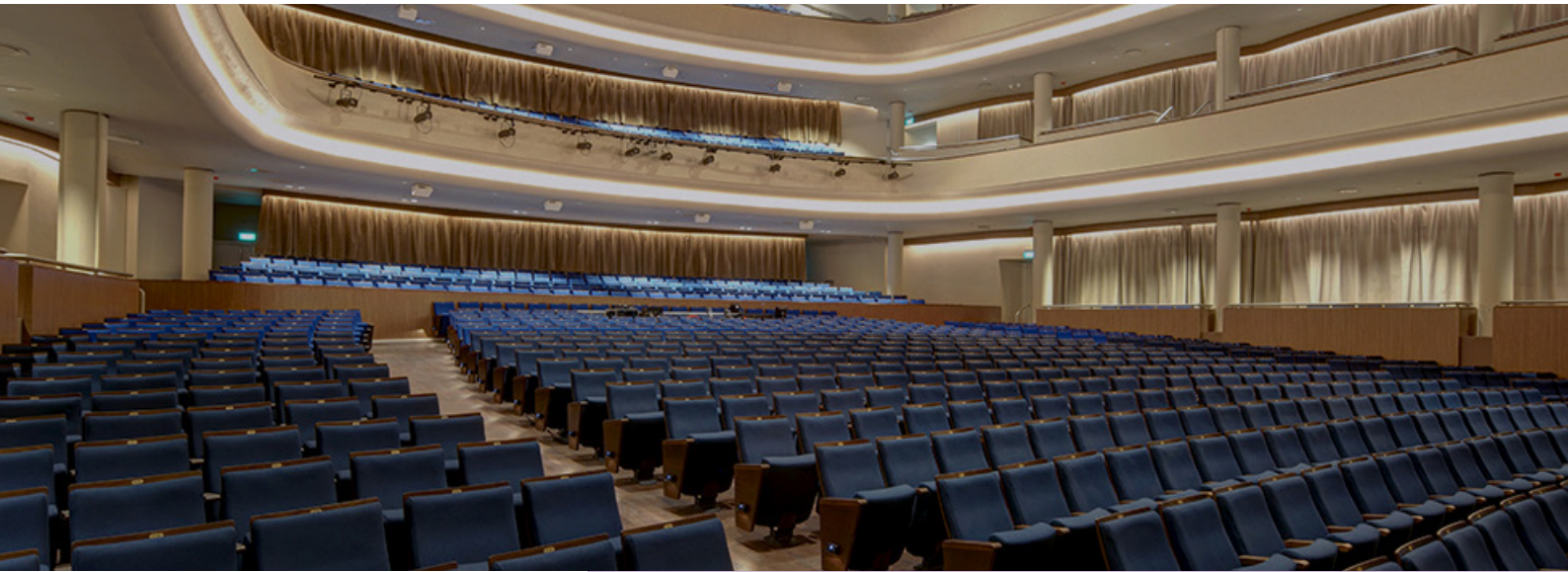
Stage Soft Furnishings

House Curtains	IFR, Black, Velour	2 pcs - 12.2m(W) x 12m(H)
House Border	IFR, Black, Velour	1 pc - 20m(W) x 4m(H)
Legs	IFR, Black, Wool Surge	12 pcs - 3m(W) x 12m(H)
Borders	IFR, Black, Wool Surge	6 pcs - 20m(W) x 3m(H)
Full Black	IFR, Black, Wool Surge	2 pcs - 20m(W) x 12m(H)
German Curtains	IFR, Black, Wool Surge	8 pcs - 4m(W) x 12m(H)
Cycloramas	DFR, Twin White, PVC	1 pc - 20m(W) x 12m(H)
Traveller	Black, Velour, Manual Curtain Track (25% fullness mid-split)	1 pc - 20m(W) x 12m(H)

Stage Equipment

Orchestra chairs	80
Orchestra stands	80
Conductor podium and stand	1 set
Lectern (Silver/Black)	1

LIGHTING



The following lighting elements are available:

- Lighting Console
- Dimmers
- Follow Spots
- Stage Lighting
- Lighting Instruments

Lighting Console

MA Lighting, GrandMA3 Light	1 unit
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Stage Lighting

All measurements are taken from the setting line – STAGE CENTRE behind proscenium wall

Front of House – Position 1 (Bridge 1)	13.80m
Front of House – Position 2 (Motorized Bar)	16.00m
Front of House – Position 3 (Bridge 2)	22.40m
Balcony 1 Position	26.80m
Proscenium Balcony – Circle 1	10.50m
Proscenium Balcony – Circle 2	13.20m
OVERHEAD - Six (6) Stage Lighting Bars wired with Eighteen (18) or twenty-four (24) circuits	
OVERHEAD - One (1) Wired Cyclorama Top Lighting Bar	

Dimmers

All sub-circuits are terminated in BS 546 15Amp outlets

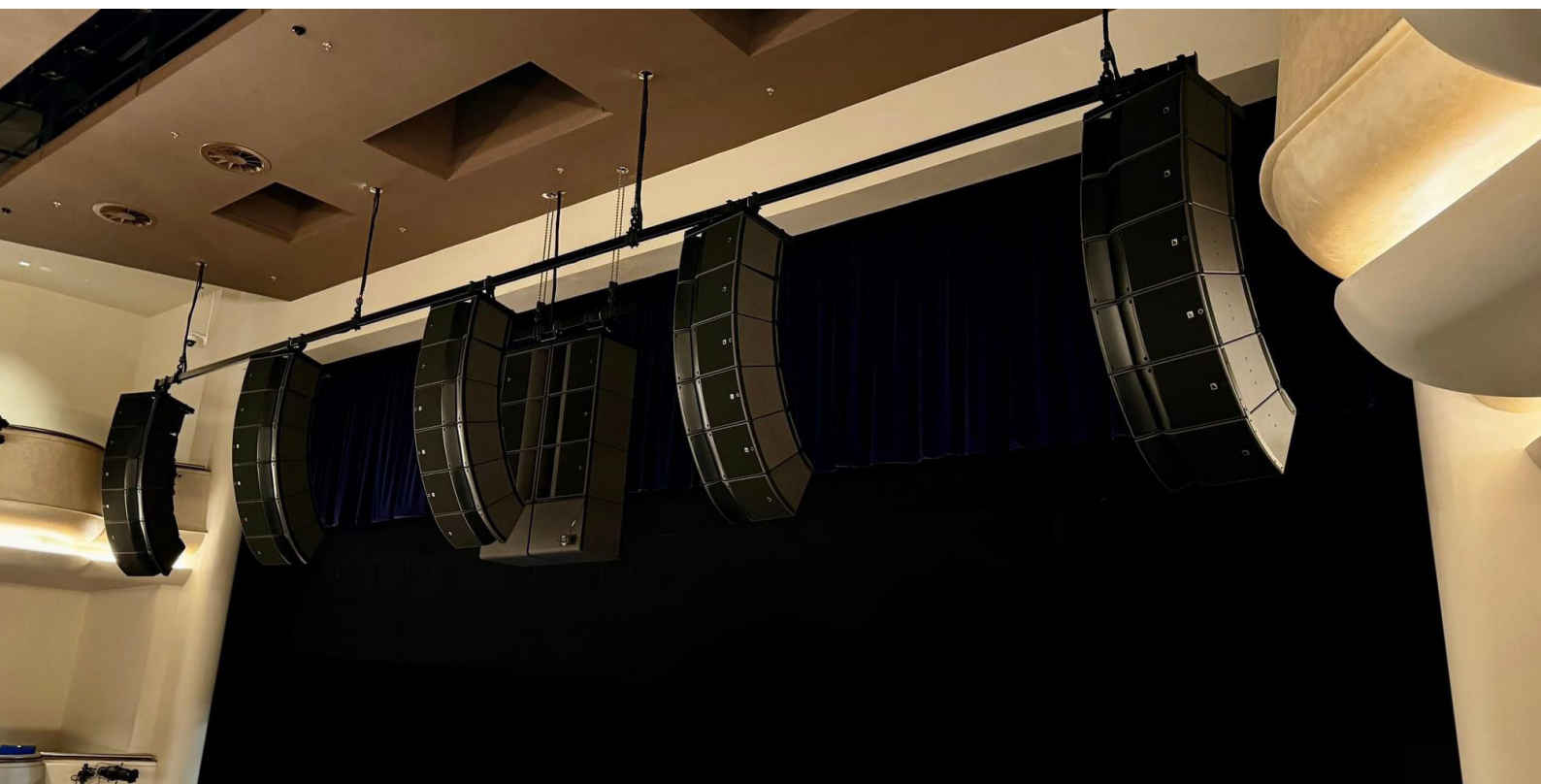
ETC, Sensor 3 CEM Dimmers – 10 Amp 2.5Kw	380 units
ETC, Sensor 3 CEM Dimmers – 20 Amp 5.0Kw	14 units
House lights	42 units

Lighting Instruments

Permanent Rig

Silver Star D750 HD Profiles (19 Degrees)	FOH – Bridge 1	12 units
Silver Star D750 HD Profiles (10 Degrees)	FOH – Bridge 2	10 units
Silver Star D750 HD Profiles (5 Degrees)	FOH – Bridge 3 (Follow spot Position)	6 units
750w ETC Source 4 Profiles (19 Degrees)	Balcony One	10 units
750w ETC Source 4 Profiles (19 Degrees)	Proscenium Balcony – Circle 1 (PS and OP)	4 units
750w ETC Source 4 Profiles (26 Degrees)	Proscenium Balcony – Circle 1 (PS and OP)	2 units
750w ETC Source 4 Profiles (36 Degrees)	Proscenium Balcony – Circle 1 (PS and OP)	2 units
750w ETC Source 4 Profiles (19 Degrees)	Proscenium Balcony – Circle 2 (PS and OP)	2 units
750w ETC Source 4 Profiles (26 Degrees)	Proscenium Balcony – Circle 2 (PS and OP)	4 units
750w ETC Source 4 Profiles (36 Degrees)	Proscenium Balcony – Circle 2 (PS and OP)	2 units
ETC Source 4 MCM Parnel	Proscenium Balcony – Circle 2 (PS and OP)	4 units
ETC Source 4 750w Profile Zoom (15/30)	Stage - Overhead	15 units
ETC Source 4 750w Profile Zoom (25/50)	Stage - Overhead	12 units
Selecon Arena 2.5kw Fresnels	Stage - Overhead	24 units
Vestian 400w RGBW 4in1 Moving Head Wash	Stage - Overhead	45 units
Robert Juliat Dalis 860 LED CYC Lights	Stage - Overhead	10 units
Coemar Sequenza Flood (Work lights)	Stage - Overhead	2 units
ETC 575w Source 4 Junior (26 Deg)	Sidelights – 10 Boom Trolleys, each with 3 fixtures	30 units

AUDIO & VIDEO



The following audio and video elements are available:

- Mixing Console
- Front-of-House Rack
- Front-of-House Loudspeaker
- Supplementary Speaker System
- Intercom System
- Video Monitoring
- Others

Mixing Console

DiGiCo, Quantum 338, Digital Mixing Console	FOH Sound Cockpit	1 unit
DiGiCo, D2-Rack, Racks and I/Os	Stage Left	1 unit
DiGiCo, D2-Rack, Racks and I/Os	Stage Right	1 unit
DiGiCo, SD11, Digital Mixing Console*	Sound Control Room	1 unit

* Shared 2 units of D2-Rack on stage

Front-of-House Rack

L-ACOUSTICS, P1, AVB Processor and Measurement Platform	1 unit
L-ACOUSTICS, L-ISA Processor II, L-ISA Multichannel Audio Processor*	1 unit
L-ACOUSTICS, LS10, AVB Switch	1 unit

*L-ISA Desk Link integration on DiGiCo SD12 console with L-ISA Plug-In

Front-of-House Loudspeaker

(IMMERSIVE HYPERREAL SOUND (by L-ACOUSTICS, L-ISA TECHNOLOGY))

Main System

L-ACOUSTICS, A15i FOCUS, 2-Way Passive Constant Curvature WST 10° Loudspeaker	Scene 1	5 units
L-ACOUSTICS, A15i WIDE, 2-Way Passive Constant Curvature WST 30° Loudspeaker	Scene 1	1 unit
L-ACOUSTICS, A15i FOCUS, 2-Way Passive Constant Curvature WST 10° Loudspeaker	Scene 2	5 units
L-ACOUSTICS, A15i WIDE, 2-Way Passive Constant Curvature WST 30° Loudspeaker	Scene 2	1 unit
L-ACOUSTICS, A15i FOCUS, 2-Way Passive Constant Curvature WST 10° Loudspeaker	Scene 3	5 units
L-ACOUSTICS, A15i WIDE, 2-Way Passive Constant Curvature WST 30° Loudspeaker	Scene 3	1 unit
L-ACOUSTICS, A15i FOCUS, 2-Way Passive Constant Curvature WST 10° Loudspeaker	Scene 4	5 units
L-ACOUSTICS, A15i WIDE, 2-Way Passive Constant Curvature WST 30° Loudspeaker	Scene 4	1 unit
L-ACOUSTICS, A15i FOCUS, 2-Way Passive Constant Curvature WST 10° Loudspeaker	Scene 5	5 units
L-ACOUSTICS, A15i WIDE, 2-Way Passive Constant Curvature WST 30° Loudspeaker	Scene 5	1 unit
L-ACOUSTICS, LA4X CE, Amplified Controller	Amplifier	8 units

Main System

L-ACOUSTICS, KS21i, High Power Compact Subwoofer	8 units
L-ACOUSTICS, LA7.16 CE, Multi-channel Amplified Controller for install	1 unit

Supplementary Speaker System

L-ACOUSTICS, SYVAW, 2-Way Loudspeaker	Deck Fill System (House Left)	1 unit
L-ACOUSTICS, SYVAW, 2-Way Loudspeaker	Deck Fill System (House Right)	1 unit
L-ACOUSTICS, X8, 2-Way Passive Coaxial Loudspeaker	Front Fill (Spatial Fill) System (Edge of the Main Stage Lip)	7 units
L-ACOUSTICS, 5XTW, 2-Way Passive Coaxial Loudspeaker	Stall Fill System (Level-1 Balcony)	9 units
L-ACOUSTICS, 5XTW, 2-Way Passive Coaxial Loudspeaker	Grand Circle Fill System (Level-2 Balcony)	7 units
L-ACOUSTICS, 5XTW, 2-Way Passive Coaxial Loudspeaker	Circle Fill System (Level-3 Balcony)	7 units
L-ACOUSTICS, LA7.16 CE, Multi-channel Amplified Controller for install	Amplifier (Deck Fill and Front Fill)	1 unit
L-ACOUSTICS, LA2Xi CE, Amplified Controller for install	Amplifier (Stall Fill)	2 units
L-ACOUSTICS, LA2Xi CE, Amplified Controller for install	Amplifier (Grand Circle Fill)	1 unit
L-ACOUSTICS, LA2Xi CE, Amplified Controller for install	Amplifier (Circle Fill)	1 unit
L-ACOUSTICS, A15i FOCUS, 2-Way Passive Loudspeaker	Side Fill (Flown at Stage Left, mid-stage and downstage)	2 units
L-ACOUSTICS, A15i FOCUS, 2-Way Passive Loudspeaker	Side Fill (Flown at Stage Right, mid-stage and downstage)	2 units
L-ACOUSTICS, LA4X CE, Amplified Controller	Amplifier (Stage Left)	1 unit
L-ACOUSTICS, LA4X CE, Amplified Controller	Amplifier (Stage Right)	1 unit

Others

DENON, DN-D4500 MKII, Dual Compact Disc/MP3 Player	CD/MP3 Player (FOH Sound Cockpit)	1 unit
TASCAM, CD-500B, Compact Disc/MP3 Player	CD/MP3 Player (FOH Sound Cockpit)	1 unit
TASCAM, SS-CDR1, CD-RW/Compact Flash Media Stereo Recorder	Recording Device (FOH Sound Cockpit)	1 unit
SHURE, SM 89, directional condenser shotgun microphone	Show Relay (Ceiling)	1 unit
SENNHEISER, e845s, supercardioid dynamic microphone for talkback purposes during setup/rehearsal at sound control room or cockpit	God Mic (FOH Sound Cockpit)	1 unit

Intercom System

(Helixnet Digital Network Partyline Intercom System)

CLEARCOM, HXII-BP-X4, beltpack CLEARCOM, CC-300-X4, single headset	Wired Intercom (FOH Sound Cockpit)	6 sets
CLEARCOM, HKB-2X, Helixnet 2-channels speaker station CLEARCOM, CC-300-X4, single headset	Wired Intercom (Sound Control Room)	2 sets
CLEARCOM, HKB-2X, Helixnet 2-channels speaker station CLEARCOM, CC-300-X4, single headset	Wired Intercom (Lighting Control Room)	1 set
CLEARCOM, HRM-4X, Helixnet 4-channels remote station CLEARCOM, CC-300-X4, single headset	Wired Intercom (Stage Left-SM Desk)	1 set
CLEARCOM, HXII-BP-X4, beltpack CLEARCOM, CC-300-X4, single headset	Wired Intercom (Stage Left)	2 sets
CLEARCOM, HXII-BP-X4, beltpack CLEARCOM, CC-300-X4, single headset	Wired Intercom (Stage Right)	2 sets
CLEARCOM, HKB-2X, Helixnet 2-channels speaker station CLEARCOM, CC-300-X4, single headset	Wired Intercom (Fly Gallery)	1 set
CLEARCOM, HXII-BP-X4, beltpack CLEARCOM, CC-300-X4, single headset	Wired Intercom (Fly Gallery)	3 sets
CLEARCOM, HXII-BP-X4, beltpack CLEARCOM, CC-300-X4, single headset	Wired Intercom (Follow-Spot Room)	3 sets
CLEARCOM, FSII-BP19-X4-EU, FreeSpeak II 1.9 GHz beltpack CLEARCOM, CC-300-X4, single headset (FreeSpeak II Digital Wireless)	Wireless Intercom (Auditorium)	2 sets

Video Monitoring

Stage View, OP Infra Red Stage View, SM desk	1 unit
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