



EVEREST

2

THE EVEREST

TECHNICAL
SPECIFICATIONS

SEYMOUR

EVEREST THEATRE

Technical Specifications

Seating 505, the Everest is a flexible theatre in a traditional proscenium-style (raised stage) configuration. It can be used for music, dance, and theatre performances, and incorporates acoustic features to provide optimum sound quality. The Everest is also an ideal venue for conferences and seminars.

LIGHTING

- 1 ETC GIO with fader wing
- 360 hard-wired LSC 2.4k dimmers with true power capability
- Cat 6 data network throughout venue
- LED house light network that is switchable to DMX control (fixed addresses are 501 - 506 + 512 on any universe)
- 10 Selecon 18/32 zoom spots

SOUND

- 1 Dlive S class digital mixer 48 in/24 out
- Dedicated MacBook Pro with fully licensed Qlab
- SQ Dante card
- 2 Martin H3 full range speakers
- 3 H2 speakers (1 used as a centre fill)
- 4 3602 PLX 2 Ch amps
- 1 HPR 115 powered 15 inch 2-way speakers (side fill)
- 1 Klotz 32 into 8 stage box system
- 3 pin comms network throughout venue
- Jands wired comms system throughout venue
- Show relay/ paging system into dressing and green rooms; video relay to pit, wings and green rooms

RIGGING

- The Everest Theatre fly system has 36 automated bars controlled by an ARTTHEA system. It can move up to 7 bars at any one time on the programmable desk. The bars can travel from 200mm to 10.3m with a distributed SWL 350KG.

HANG PLOT

L1 – LX1.	L12 – LEG 2.	L19 – LEG 3.	L27 – LEG 4.
L4 – BORDER 1.	L13 – LX2.	L20 – LX3.	L30 – LX5.
L5 – LEG1.	L17 – MST.	L22 – LX4.	L35 – UST.
L11 – BORDER 2.	L18 – BORDER 3.	L26 – BORDER 4.	L36 – CYC.

DATA NETWORK

- The Everest has a network of data that is made up of cat-6 infrastructure throughout the venue. Mostly there are 3 runs of cat-6 cabling out to the field with Ethicon outputs; one of these is a dedicated DMX run. RJ 45 patch field in the control.

DEVICES

- 1 Nexus Data to DMX converter; this will accept Art-Net and Streaming CAN (control room)
- 2 LSC RJ 45 10-way DMX splitters (control room)
- 1 LSC 5-way DMX splitter 5-pin (movable)
- 1 Theatrelite 6-way DMX splitter 5-pin (movable)

ORCHESTRA PIT

- Maximum 35 persons
- Video feed of stage to MD via 4k OLED TV
- Video feed of MD to stage via 2 4k OLED TVs

STAGE DIMENSIONS

- **Maximum thrust (stage size)** **depth 11.46 metres (37 feet, 9.5 inches)**
width 18.51 metres (60 feet, 9 inches)
- Double-door soundlock height 3.44 metres (11 feet, 3 inches)
max opening 2.45 metres(8 feet)
- Floor to underside of ceiling beams height 10.8 metres (35 feet, 5 inches)
- Floor to underside of catwalk height 8.62 metres(28 feet, 3 inches)

DOOR 2				DOOR 1																															
34	33	32	31	30	29	28	27	W	26	25	24	23	22	21	20	19	18	17	16	W	11	10	9	8	7	6	5	4	3	2					
34	33	32	31	30	29	28	27	U	26	25	24	23	22	21	20	19	18	17	16	U	11	10	9	8	7	6	5	4	3	2	1				
34	33	32	31	30	29	28	27	T	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	T	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	S	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	S	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	R	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	R	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	P	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	P	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	N	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	N	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	M	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	M	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	L	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	L	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	K	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	K	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	J	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	J	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	H	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	H	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	G	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	G	11	10	9	8	7	6	5	4	3	2	1
←EXIT	F	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	F	11	10	9	8	7	6	5	4	3	2	1	EXIT	↓					
E	34	33	32	31	30	29	28	27	26	25	24	23	22	21	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	E					
D	34	33	32	31	30	29	28	27	26	25	24	23	22	21	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	D					
C	34	33	32	31	30	29	28	27	26	25	24	23	22	21	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	C					
B	34	33	32	31	30	29	28	27	26	25	24	23	22	21	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	B					
A	34	33	32	31	30	29	28	27	26	25	24	23	22	21	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	A					

