

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 x 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 x Selecon 18/32 zoom spots

Hang Plot

| | | |
|----------------|----------------|-------------|
| L1--- LX1 | L18--- BORDER3 | =L36--- CYC |
| L4--- BORDER1 | L19--- LEG3 | |
| L5--- LEG1 | L20--- LX3 | |
| L11--- BORDER2 | L22--- LX4 L26 | |
| L12--- LEG2 | L26--- BORDER4 | |
| L13--- LX2 | L27--- LEG4 | |
| L13--- LX2 | L30--- LX5 | |
| L17--- MST | L35--- UST | |

Data network

The Everest has a network of data that is made up of cat-6 infrastructure throughout the theatre. 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.

Sound

1x Dlive S class digital mixer 48 in / 24 out
Dedicated Mac Pro with fully licensed QLAB
SQ Dante card
2 x Martin H3 full range speakers
3 x H2 Speakers (1 used as a centre fill)
4 x 3602 PLX 2 Ch amps
1 x HPR 115 Powered 15inch 2-way speakers (side fill)
1 x 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.

Devices

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

Orchestra Pit

Max. 35 persons
Video feed of stage to MD Via 4K OLED TV
Video feed of MD to stage via 2 x 4K OLED TVs

Stage Dimensions

| | |
|-------------------------------------|--|
| Maximum thrust [stage size] | depth 11.46m [37'9 1/2"] width 18.51m [60'9"] |
| Double-doored soundlock | height 3.44m [11'3"] max opening 2.45m [8'0"] |
| Floor to underside of ceiling beams | height 10.8m [35'5"] |
| Floor to underside of catwalk | height 8.62m [28'3"] |

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.