

# Barbican Theatre

## STALLS FLOOR (LEVEL MINUS 1)

### DESCRIPTIONS

#### Capacity

Total	1150
Stalls	681
Circle	189
Upper Circle	143
Gallery	137

#### Wheelchair positions

Rear of Stalls	12
Rear of Circle	8

#### Ventilation

Air conditioned

#### Auditorium Lighting

Tungsten downlights - dimmable

#### Dressing Room Accommodation

E1	2 (max) Person with bathroom/fridge and reception area
E2	4 Persons with bathroom/fridge
E3	4 Persons with bathroom/fridge
E4	4 Persons with bathroom/fridge
E5	6 Persons with bathroom/fridge
E6	4 Persons with bathroom/fridge
E7	4 Persons
E8	Pit wardrobe
E9	2 Persons, also used as rest room with bed
F1	18 Persons
F2	10 Persons
F3	8 Persons with shower
F4	8 Persons with shower
F5	10 Persons
F6	12 Persons

All dressing rooms are equipped with sinks, lockers, switchable show relay for Barbican and Pit Theatres and internal telephones which take incoming calls.

### TECHNICAL

#### Stage Dimensions:

Width	16.5m (max)	(54'2")
Depth	13.5m (max)	(44'3")
Pross height	8m	(26'3")
Grid height	33.5m	(109'11")
Orchestra Pit	72m	(236'3")
Dance Floor	to quote	

#### Stage Lighting

Control room - rear stalls  
168 ways of Production Lighting  
ETC Expression II control desk

#### Sound

##### Loudspeakers

- Proscenium: each side  
1 x Meyer MS:2A via Meyer controller  
continuous SPL @ 1 metre 130dB  
2 x Tannoy 300F dual concentric full range  
wired in parallel continuous SPL @ 1 metre 130dB  
1 X Sub-bass 30Hz-90Hz  
(upper limit variable via crossover)
- Centre Cluster:  
1 x Tannoy CP15.2 bass drive  
1 x Tannoy CPA S250 mid and high driver
- Delays:  
Circle 1 - 8x Proac tables  
Circle 2 - 8x Proac tables  
Circle 3 - 8x Proac tables

Delay speakers fed by 3x H/H V500 amplifiers delayed by Klerk Technics DN718 delay line. All amps and delays housed in bridge rack above centre cluster, accessible for adjustments.

##### Stage Speakers:

- 4 x Tannoy CPA 10S high and mid-range dual concentric 150Hz - 20KHz, continuous SPL @ 1 metre 12BdB driven by Lab Gruppen 500's receiving 200W into 8Ω

##### Coupled with:

- 4 X Tannoy B850 bass speakers  
40Hz - 150Hz variable active crossover (in control room)  
continuous SPL @ 1 metre 127dB driven by Lab Gruppen 2000's receiving 1kw into 4Ω

**All four cabinets are on steel frames with locking castors**

#### Microphones

Comprehensive selection of AKG, Sennheiser, Beyer and Shure

There are approximately 200 mic lines situated around the stage, the number available depends on the position of stage lift and orchestra pit.

#### Control Area

Located in control suite at rear of stalls. Approx 200 mic tie lines appear in control area as GPO 'B' guage balanced jacks. All desk inter connections are via GPO 'B' guage balanced jacks (TRS). Adaptors are available to connect extra outboard equipment.

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### Mixing Desk

'E' series CADAC mixing console with:

- 40 inputs, each with:
  - on/off and pre/post switching
  - controls for gain, phantom power, 15dB pad, each lift,
  - 10 aux sends
  - 3 band EQ, each section with frequency, gain and "Q" control.
- 16 Subgroups
- 9 VCA masters
- 24 switchable outputs

VCA masters and the switchable output matrix are controlled by IBM computer, as are electronic mutes on input and VCA modules.

### Outboard

- 1 x TC Electronics M2000 Processor
- 1 x Alesis Midiverb
- 1 x Lexicon MXP - 15 Processor
- 1 x Lexicon PCM 70 Reverb

### Drive Rack

The Proscenium Speakers, Centre Cluster and 4 x Stage Speakers each have patchable control electronics, which consist of:

- Klark Technic Graphic (Programmable DN3600 or DN360)
- BSS Delay
- BSS Crossover (where applicable)
- KT DN504 Comp/Limiter

### Playback

- 3 x Denon 990R/980 Mini Disk with remote control (built into mixing desk)

### Access

Via truck lift (max) 14m x 2.75w x 4m high

### Screens

To quote

### Suspension Points

63 electrically powered computer controlled fly bars (500kg 5wl)

### Power

13 amp  
3 phase available to quote

### Tabs

Masking tabs

