

TECHNICAL SPEC - THEATRE

GENERAL INFORMATION

The Jersey Opera House is a traditional Edwardian horseshoe style auditorium with a curved proscenium arch and seating 625 people on three levels; Stalls, Dress Circle and Upper Circle.

Public access is via the Box Office entrance in Gloucester Street while Stage Door and Scene Dock door are situated in Seaton Place.

CONTACTING US

Useful Numbers:

Administration (01534) 511 110

Box Office (01534) 511 115

Technical Manager (01534) 511 150

Technical Department (01534) 511 103

You can also contact us via e-mail:

Administration
admin@jerseyoperahouse.co.uk

Box Office
boxoffice@jerseyoperahouse.co.uk

Technical Manager
Chris.Wink@jerseyoperahouse.co.uk

Technical Department
technical@jerseyoperahouse.co.uk

THE STAGE

A 1:25 ground plan of the Jersey Opera House is available on request.

GENERAL STAGE MEASUREMENTS

Stage Height	1300mm
Stage Rake	None
Proscenium Width	8450mm
Proscenium Height	5500mm
Stage Depth	8300mm to setting line 9100mm front of forestage
Stage extension (losing 48 seats)	13100mm
Height to Grid	14000mm
Scenery Flying Height	12500mm
Height to Fly Floor	5750mm
Flying width	11000mm
Wing space	- Stage Left 4700mm - Stage right 3400mm
Loading access doors	4500mm by 2200mm
Dock to stage door	5000mm by 3000mm

GENERAL STAGE EQUIPMENT

The venue has a selection of: -

- Stage braces and French braces of varying sizes.
- 20 Stage Weights
- 6 x 5000mm x 1250mm hard canvas covered black flats
- Various lengths of conduit

ROSTRA

- 4 x 8’ x 4’ steel deck tops
- 2 x 2000mm x 1000mm steel deck tops
- Various sized legs (please check in advance).

FLYING

Counterweight Flying	33 Sets
Weight Capacity per Cradle	400Kg (873lb)
Flying Bar Lengths	11000mm
(Steel ‘H’ bar construction)	

MASKING

The venue has the following items of black wool surge masking:

- 2 x Set of full black tabs 18 ft. high
- 4 x Black borders
- 8 x 2.5 metre wide black legs

The venue also has the following cloths available:

- 1 x White Gauze
- 1 x White Cyc
- 1 x Set of Dark Blue with gold trimming house tabs. Permanently rigged on Bar 1

The venue also has three tab tracks. (2 rope pull and 1 manual swipe)

SAFETY CURTAIN MUST BE PRESENTED TO THE AUDIENCE FOR EACH PERFORMANCE

FLYING SYSTEM
ALL BARS ARE SINGLE PURCHASE COUNTERWEIGHT

	Stage front	House tabs
Edge of stage	0m	
Safety Curtain	800mm	
1 (Permanent house tabs)	1450mm	0mm
2	1800mm	350mm
3	2000mm	550mm
4	2200mm	750mm
5	2400mm	950mm
6	2600mm	1150mm
7	2800mm	1350mm
8	3000mm	1550mm
9	3200mm	1750mm
10	3400mm	1950mm
11	3600mm	2150mm
14	4200mm	2750mm
15	4400mm	2950mm
16	4600mm	3150mm
17	4800mm	3350mm
18	5000mm	3550mm
19	5200mm	3750mm
20	5400mm	3950mm
21	5600mm	4150mm
22	5800mm	4350mm
23	6000mm	4550mm
24	6200mm	4750mm
25	6400mm	4950mm
26	6600mm	5150mm
27	6800mm	5350mm
28	7000mm	5550mm
31	7600mm	6150mm
32	7800mm	6350mm
33	8000mm	6550mm
34	8200mm	6750mm
35	8400mm	6950mm
36	8600mm	7150mm
37	8800mm	7350mm

Bars 12, 13, 29 & 30 are not installed



VISITING LIGHTING SUPPLY

The visiting lighting power is situated down stage Left.
The supply is of 200 amps over 3 phases.
The distribution outlets are as follows: -

Type	Phase	Number
200 amp Power locks	3	1 set

VISITING SOUND SUPPLY

The visiting sound supply is a clean source and is situated under stage right. The distribution outlets are as follows: -

Type	Phase	Number
63amp Ceeform	1	1
16amp Ceeform	1	1 SL, 1SR
13amp Standard	1	2SL, 2SR

Please be aware the 63 amp Ceeform outlet is located under stage and will require a 10m cable to run it onto stage right.

There are 6 x 4way 13 amp power outlets around the stage at stage level.

LUMINARIES LIST

PROFILES

TYPE	NO.
Strand SL 15/33 (600w)	18
Strand SL 23/50 (600w)	12
Strand SL 10Degree fixed (600w)	5
ETC Source 4 19 degree (575w)	2
ETC Source 4 junior Zooms	6

FRESNELS & PC'S

TYPE	NO
Strand Cantata PC's (1200w)	10
Strand Cantata F's (1200w)	20
Strand Alto (2500w)	6
Selecon Rama F's (1200w)	28
Selecon Rama PC's (1200w)	6

FLOODS AND PAR CANS

TYPE	NO
ETC source 4 Par (750w)	20
Parcan (1000w)	24
Strand iris 3 Cyc floods (1250w)	8
Selecon Hui Cyc floods 4 cell	5

We have 20 of each lens type for the ETC pars
(CP60, 61, 62, 95)

FOLLOW SPOTS

2 x Robert Juliat - Super korrigan F.S 1200 follow spots situated at the back of the upper circle in a raised open room.

HIRE STOCK

8 x Martin Mac 250
18 x Chroma-Q scroller units and PSU/splitter box
1 x Jem ZR24/7 Hazer
2 x Smoke Factory Data smoke machines

Please contact us for up-to-date charges.

FRONT OF HOUSE LIGHTING POSITIONS

Circle front (fixed FOH position)	12400mm
Upper circle	13700mm
Auditorium Perches left and right	15000mm
Boxes Left and Right	5400mm
Dome position	14200mm
Rear auditorium roof positions	17500mm

All measurements are from the centre of the position to the front edge of the stage on the centre line.

ON STAGE LIGHTING POSITIONS

The main house has four internally wired bars: -

2 x 18 ways
2 x 12 ways

These can be positioned on any of the 32 available flying bars.

The venue also has: -

6 x stage Boom Bases

Also various lengths of scaffold for booms

PLEASE NOTE THAT DUE TO THE NATURE OF RESTORATION WORK NO ADDITIONAL RIGGING OF LIGHTING OR SOUND WILL BE ALLOWED IN THE AUDITORIUM

CONTROL

The Lighting control is provided by an MA Lighting Grand MA2 Light.

DIMMING

Strand LD90, 136 x 2.5k dimmers and 4 x 5k dimmers plus dimming for house lights, provides dimming

The dimmers all have hard-wired outlets and their locations are as follows.

Dimmers 1 to 6	Aud left box
Dimmers 7 to 12	Aud right box
Dimmers 13 to 24	ADV bars
Dimmers 25 to 27	Dress circle bar
Dimmers 28 to 41	Upper circle bar
Dimmer 42 to 47	Aud left Perch
Dimmer 48 to 50	Dome
Dimmer 51 to 56	Aud right Perch
Dimmers 57 to 116	Stage overhead
Dimmers 117 to 128	Stage L & R ladders
Dimmers 129 to 132	Stage right floor
Dimmers 133 to 136	Stage left floor

COMMUNICATIONS

Jersey Opera House has 12 Tech Pro Belt packs and head sets available. There are various comms points around the venue in all the usual places.

CUE LIGHTS

Jersey Opera House has a 12-way Q light system; this is incorporated into the prompt desk. The Q lights are patchable from various points around the venue.

VIDEO

There is a number of BNC video tie lines around the building. There is a colour camera located on the Dress Circle front that feeds the patch bay and the prompt desk.

Sanyo PDG-DHT100 – 6500 Lumens Full HD 1080p projector

Draper HD screen 16:9 format, front and rear surface – 24ft by 13.5ft

Sanyo XU75MP – 2500 Lumens projector

Harkness fast fold screen, front and rear surface – 14ft by 10ft

Kramer VP-728 HD Switcher

Denon DN-V110 Professional DVD Player

Sony BDPS-480 Blu Ray Player

SOUND EQUIPMENT

PA SYSTEM

Jersey Opera House is covered by a d&b Audiotechnik system, this comprises:

8 x d&b Audiotechnik system C690 Mid/High cabinets, L + R on each level and high and low centre fill

2 x d&b Audiotechnik system E18 Sub cabinets, located in Dress Circle boxes

These are driven by 10 dedicated D&B E-Pac Amplifiers via XTA DP224 processing.

Mixer	Yamaha M7CL 48 digital console
Mixer Other	Soundcraft Spirit Folio 12 channel
Playback	1 x Denon DNT620 CD/cassette
Player	2 x Sony MDS E11 Mini disc player

LOUDSPEAKERS (OTHER)

6 x d&b Audiotechnik system E12 Loudspeakers
4 x d&b Audiotechnik system E6 Loudspeakers
6 x d&b Audiotechnik system E3 Loudspeakers
All of the above have rigging equipment.

2 x Community MVP15 Wedges

AMPLIFIERS (OTHER)

3 x d&b Audiotechnik system D12 Amplifiers (2 Channel)
1 x d&b Audiotechnik system D6 Amplifier (2 Channel)
4 x d&b Audiotechnik system E-Pac Amplifiers (1 Channel)
1 x RCF 1200 Amplifier (2 Channel)

MICROPHONES

6 x Shure SM58
4 x Shure Beta 57A
6 X Shure SM57
2 x Audio Technica AT4053
1 x AKG D112
3 x AKG C418
4 x AKG C1000
2 x PCC160
1 x Audio Technica AT4033a/SC
1 x Shure SH55 (50's period look)
6 x BSS AR133 Active DI boxes
3 x EMO passive DI boxes
8 x Short Boom Microphone stands
16 x Tall Boom Microphone stands
4 x Straight Microphone Stands

HIRE STOCK

20 x Sennheiser EW500 G3 Radio Microphone Systems.

Comprising:

20 receivers, 20 Belt packs transmitters and 6 Hand held transmitters.
All are supplied by ADA systems and Sennheiser's Wireless Systems Manager.

VISITING MIXER POSITION

The visiting mixer position is positioned at the rear of the Stalls either to the left or right of centre and beneath the Dress Circle overhang and requires at least 50m of multicore.

HEALTH AND SAFETY AT WORK ACT

Would all incoming companies ensure that their employees or contractors work within the Health and Safety at Work Act.

LOLER

Jersey Opera House is striving to meet the requirements of The Lifting Operations and Lifting Equipment Regulations 1998.

Would all incoming companies ensure that they have in their possession the correct documentation for any lifting equipment that is being brought in. Lifting equipment without the correct documentation and test certificates will not be permitted to enter the building.

PORTABLE APPLIANCE TESTING

Would all incoming companies ensure that all electrical equipment to be brought into Jersey Opera house has been tested within the last twelve months, and ensure the equipment is marked and records are carried for inspection.

Electrical equipment deemed to be in an unsafe condition would not be permitted to enter the building. However for a small fee we can PAT test all items.

FIRE REGULATIONS

The States of Jersey Fire Regulations require a Public Exemption Certificate for all performances, which use pyrotechnics, smoke machines and the smoking of cigarettes. If your performance contains such effects please contact the Technical Manager as soon as possible. Applications received any later than three weeks before first performance will not be granted. All areas backstage are designated No Smoking Areas.

Please note: From 2007 Jersey introduced a non-smoking law in all enclosed work places.

PYROTECHNICS

If you are bringing pyrotechnics into Jersey an Import Licence and Port d'arm certificate will be required. This also applies to fire arms unless they are soft metal blank-firers. These certificates need to be obtained in Jersey and we will therefore require full details of any such items you intend to bring. It is worth noting that there is a very good local supplier for most pyrotechnics.

Applications received any later than three weeks before first performance will not be granted.

VEHICLE SIZE (TOURING COMPANIES)

We may need to organise a police escort from the harbour to the theatre depending on the size of your vehicle. Please therefore ensure that all details of your tour vehicles are provided to us as soon as possible.

