

**Eden
Court**
HIGHLANDS

LX STAGE + SOUND SPECS

**Empire Theatre,
Eden Court
Highlands,
Inverness**

EDEN-COURT.CO.UK



LX Stage + Sound Specification

Empire Theatre

Named after the original Edwardian Theatre in Inverness, the Empire is the largest space in Eden Court.

TECHNICAL DEPARTMENT CONTACTS

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Lighting Specifications

Empire Theatre

CONTROL

- ETC Gio with 4 Universes (*Normad back up*)
- Avolites Arena with 8 Universes
- x252 ETC Sensor 3 ThruPower Dimmers (*Dimmer/Switch/Hot Power*)
- **Temporary Power:**
63A 3ph USC
200A Power Lock Outside SL

15A Power Lock DSR or
63A 3ph DSR x2

LANTERN STOCK

- x11 Strand Alto Fresnel (*2Kw*)
- x28 ETC Source4 Fresnel (*750w*)
- x12 ETC S4 25/50
- x12 ETC Source4 15/30
- x8 ETC Source4 26°
- x4 ETC Source4 50°
- x48 Thomas Par64
- x12 Thomas Par64 Short Floor Can
- x12 ETC Source4 Par
- x5 Selecon Lui 4 Compartment Cyc Batten (*1Kw*)
- x5 Selecon Lui 4 Compartment Groundrow (*1Kw*)

FIXED FOH LANTERN STOCK

- x20 ETC Source4 10°
- x10 ETC Source4 14°

ADDITIONAL

(Additional hire cost/lamp charge may apply.
Please check availability.)

- x12 Chroma Q Scroller Unit
- x2 Unique 2 Hazer
- x2 Robert Julliette Super Korrigan
Follow Spots (*1.2Kw*)

ACCESSORIES

- Barn doors, Shutters & Colour Frames
- Gobo Holders & Iris' (*'A' and 'B' Sizes*)

NOTES

- **Single Purchase Counterweight Set:**
Safe Working Load 500kg (53 bars)
- **Double Purchase Counterweight Set:**
Safe Working Load 250kg (Bars 2,3,5a,7)
- Over-head focused via Tallescope/Zarges.



Sound Specifications

Empire Theatre

AMPS + SPEAKERS

- 2nd Circle L Opus PSD800T Active loudspeaker
Opus HD Amp LF 1250W / HF 500W
- 2nd Circle R Opus PSD800T Active loudspeaker
Opus HD Amp LF 1250W / HF 500W
- Centre Opus PSD800T Active loudspeaker
Opus HD Amp LF 1250W / HF 500W
- Stalls L Opus PSD800T Active loudspeaker
Opus HD Amp LF 1250W / HF 500W
- Stalls R Opus PSD800T Active loudspeaker
Opus HD Amp LF 1250W / HF 500W
- Stalls L Opus SB118 18 inch Sub x 4
Opus HD Amp 2500w
- Stalls R Opus SB118 18 inch Sub x 4
Opus HD Amp 2500w
- Front Fills Opus ISO6 x4
Opus HD500 Amp

FOH

- Cadac CDC7s Digital Console
- Tascam MD100
- Tascam MD350
- Pioneer CDJ1000 MK2 Deck

RADIO MICS

(Additional hire cost may apply.)

- Sennheiser Digital 6000 – SK6000 Belt Packs x 16
(x14 if using x2 Hand Helds)
- Sennheiser Digital 6000 – SK600 Hand Held x2
- Licence ch33 and ch34

**NOTE: HOUSE ENGINEER TO BE ON DUTY
IF USING HOUSE SYSTEM**

Shared Equipment

MICROPHONES

- Shure SM 58 x 12
- Shure SM 57 x 7
- Shure Beta 91
- AKG 535
- AKG 300B x 12
- AKG CK91 x 12
- AKG CK98 x 5
- AKG CK92 x 4
- CROWN PCC 160 PZM x 5
- EV 52 Omnidirect
- Audix DP7 Drum mic Pack
- Audix VX10 Vocal
- Audix D3 X 4
- Audix SCX25 Piano / inst mic set
- Neuman KMS105 x 2
- Neuman KM184 Stereo set
- Sennheiser MD421 x 3
- Rode NT4 Stereo mic

RADIO MICROPHONES

- ECT Fixed Site licences for channels 27, 33 and 34
- Standard ch38

D.I. BOXES

- EMO Passive Single DI x 3
- EMO Passive Double DI x 2
- Canford Audio Active DI x 2
- BSS Active DI x 2
- OPUS Active DI x 6
- Radial J48 Active DI x1
- Radial JPC DI x2

MONITORS

- Logic LM15 Wedges x 10
- Yamaha P5000 amp x 2
- Yamaha P7000 amp x 4

SUB MIXERS

- Allen & Heath SQ5 Digital
- Soundcraft GB4 24ch

Shared Communications

CANFORD AUDIO CANS SYSTEM

- (Wired) – Single Channel
- x10 Belt Packs with Single-ear headset

TWO COLOUR CUE LIGHT SYSTEM

- via Prompt Desks
- x6 Empire Cue Lights
- x12 One Touch Cue Lights

CAMERAS (No Infra-Red)

- x2 Empire Cameras (PAL - Standard Colour)
- x2 One Touch Cameras (PAL - Standard Colour)

MONITORS

- x3 Flatscreen Monitors
- x1 One Touch Monitor (TFT inset into Prompt Desk)

Shared A/V (Additional hire cost may apply)

PROJECTORS

- Christie Vivid Green LCD 38-VIV201-01
- Christie DHD600 – G (6000 Lumens)
- x1 DMX Projector Shutter

PROJECTION SCREENS

(Available Flown or Free Standing)

- 'Fast-fold Screens'
- 4.9m x 2.75m 16 x 9 AV Stumpfl Screen
- 3.3m x 4.5m (10ft x 14ft) - Front/Back Projection
- 2.7m x 3.9m (8ft x 12ft) - Front Projection
- 3.6m x 2.7m (11ft x 8ft) - Front or Rear Projection
(Not 'Fast-fold')

MEDIA

- Macbook Pro
- Qlab4 sound Licence
- Kramer VP747 Scaler – 8 universal inputs
- Various Kramer converters

NOTE - Contact our Tech Team in advance of your visit to book a Projector

Technical Specifications

Empire Theatre

GET IN

- Artist and Visiting Company by Stage Door
- For unloading. Parking is available in the carpark. Two bays to fit 3 x 45 foot trailers
- Load in doors 3180x1890mm with access onto rear stage

Basic Stage Specs

HEIGHT TO GRID	16m 50cm (15m 90cm to underside of bar)
SR WING	4m 20cm available space
SL WING	4m 30cm available space
FULL STAGE WIDTH	25m 15cm
DEPTH	16m 99cm (from rear stage to thrust)
PROSCENIUM	10m 46cm – 12m 30cm (width adjustable)
HEIGHT	8m adjustable masking
STAGE EXTENSION	18.5m Wide (At its widest point) x 6.2m Deep

STAGE EQUIPMENT

- 4 x Black serge covered masking flats with brace 21ft x 6ft
- 2 x Black masking flats 2m75cmx1m84cm+ (various sized black masking flats)
- 5 x Pairs black serge/velvet legs, ungathered 8mx3m
- 2 x Black serge borders with pockets, ungathered 3mx16m
- 2 x White Gauze with pockets approx 12m(wide)x7m(drop)
- 2 x Black Gauze with pockets approx 12m(wide)x7m(drop)
- 4 x black canvas covered masking flats with brace 7ft 10" x 23ft
- 4 x black conference masking flats sizes Contact for sizes
- 2 x black serge borders with pockets ungathered 14"x55"
- 6 x Muslin Cloths 7m x 1.2m

STAGE FLOORS

- Harlequin reversible lino dance floor black/grey

ACCESS

- Dock height from car park 83cm - 97cm
- Large Tallescope x 1 platform height 9.3m
- Medium Tallescope platform height 7.9m

STAGE MANAGEMENT

- Prompt desk DSL - nearest to dressing rooms.
- 20 cue-light system, calls system, whites master, working lights and house lights
- 1 x 7" Monitor for stage and infra red camera.
- 2 x 14" Monitors on side and rear fly floor
- Stage monitor cameras from lower circle Sony SuperExwave SSC-E458P
- Camera position available in orchestra pit
- Communications to all parts of theatre via Canford Techpro MS721, 2 channel wired system,
- SHOW RELAY speakers in dressing rooms only - Speakers are switchable between venues
- 1 x 1m83cm x 97cm auditorium production desk

WARDROBE

- 2 x Beko WM85135LW Washing Machines | 8KG | 1300 RPM
- 1 x Zanussi Autosense Tumble drier | 7KG
- 1 x Hoover Model HCV10DG – 80 | Dryer 10KG
- 1 x Express steamer | Water Capacity 3.5 Ltrs | 1400W
- 1 x Singer profesional 200 table mounted sewing machine
- 1 x Bernadette 303 Sewing Machine
- 1 x Russel Hobbs Steam Iron
- 1 x Tefal Ultra glide diffusion steam Iron Model 1770
- 4 x ironing boards | various sizes
- 4 x Free Standing Full length mirrors
- Assortment of Rails and Hangers

DRESSING ROOMS

- Dressing Rooms
 - Band Rooms, with Toilet facilities
 - Green Room
- 13 rooms with a total maximum capacity of 93

3 rooms with a total maximum capacity of 40

Tea/Coffee facilities, 2 x fridge, microwave.

Capacity of approx. 24 people.

Access to the Dressing Rooms is via the Stage Door at the rear of the Theatre.

Wheelchair Access to the ground Level dressing rooms is via FOH

NOTE - S8 has no Toilet or Shower. There are additional Toilet and Shower facilities located within the Corridors on each floor.

S7 SHOWER (10)	S8 SHOWER (8)	S5 SHOWER (8)		GREEN ROOM		LIFT	SECOND LEVEL
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CORRIDOR

S8 (8)	TOILET/SHOWER ROOMS	S1 (10)	
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F8 SHOWER (10)	F7 SHOWER (10)	F6 TOILET + SHOWER (4)	F5 TOILET + SHOWER (5)	F4 TOILET + SHOWER (4)	F3 TOILET + SHOWER (6)	F2 TOILET + SHOWER (10)	TOILET	LIFT	FIRST LEVEL
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CORRIDOR

TOILET/SHOWER ROOMS	F1 SHOWER (10)	
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WARDROBE	G2 TOILET + SHOWER (4)	G1 TOILET + SHOWER (4)	GROUND LEVEL
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BAND ROOM SHOWER

Hanging Plot

FLYING

- Single purchase counterweight
 - 53 cross stage sets
 - Bar length 44ft(13m41cm)
 - 1 up/down stage bar per side (counterweight)
 - 2 x monitors (back & side fly floor)
- 500kg per set (Bar 3, 3A, 3B, - 250kg per set)

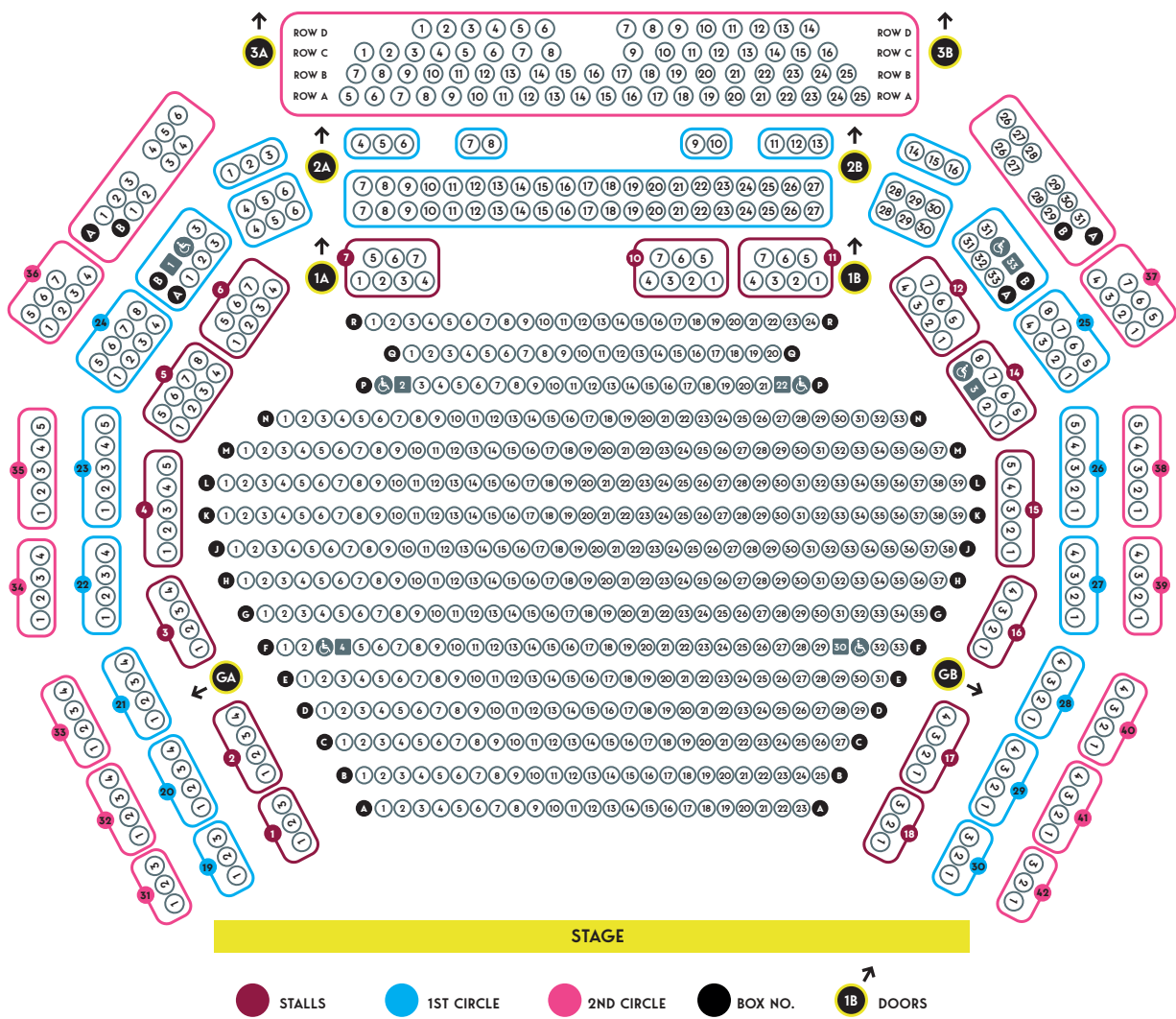
All at 48mm diameter scaff barrel (4 of which are double purchase)

Extendable to 51ft for cloths(15m54cm)

BAR NO	SIZE		COMMENTS	PURCHASE
1	Front tabs. Manual/Automated. SM desk controlled. Not available if Bar 2 used			Double
2	0.20m	0' 8"	LX	Double
3	1.65m	5' 5"	Short bar (7m8cm)	Double
3a	2.16m	7' 1"		Single
3b	2.90m	7' 10"	Flown u/s fly rail	Single
4	3.23m	10' 7"	Silver tabs (manual)	Single
5	3.53m	11' 7"		Single
5a	3.71m	12' 2"	Usually used as supertitle border	Double
6	4.19m	13' 9"	Usually used as lx bar (reduced flying height)	Single
7	4.57m	15'		Double
8	4.70m	15' 5"		Single
9	4.90m	16' 12"		Single
10	5.21m	17' 1"		Single
11	5.49m	18'		Single
12	5.84m	19' 2"	border reqd in this area	Single
Not Available	6.09m	20'	acoustic ceiling	Single
14	6.48m	21' 3"	black legs ?	Single
15	6.76m	22' 2"		Single
15a	6.96m	22' 10"		Single
16	7.34m	24' 1"		Single
17	7.54m	24' 9"	border reqd in this area	Single
18	7.77m	25' 6"		Single
19	7.95m	26' 1"	mid stage LX ?	Single
19a	8.15m	26' 9"		Single

BAR NO	SIZE		COMMENTS	PURCHASE
20	8.36m	27' 5"		Single
21	8.58m	28' 2"		Single
22	8.76m	28' 9"	black border?	Single
22a	8.94m	29' 4"		Single
23	9.14m	30'	mid stage LX ?	Single
24	9.37m	30' 9"		Single
25	9.52m	31' 3"		Single
26	9.75m	32' 0"		Single
Not Available	10.03m	32' 11"	acoustic ceiling	Single
27a	10.39m	34' 1"		Single
28	10.57m	34' 8"		Single
29	10.82m	35' 6"		Single
29a	11.00m	36' 1"		Single
30	11.20m	36' 9"		Single
30a	11.35m	37' 3"		Single
OPERATED FROM UPSTAGE FLY FLOOR				
31	11.52m	37' 10"		Single
32	11.83m	38' 10"		Single
32a	12.09m	39' 8"		Single
33	12.29m	40' 4"		Single
34	12.52m	41' 1"		Single
35	12.72m	41' 9"		Single
36	13.05m	42' 10"		Single
37	13.26m	43' 6"		Single
38	13.46m	44' 2"		Single
38a	13.69m	44' 11"		Single
39	13.94m	45' 9"		Single
40	14.12m	46' 4"		Single
41	14.32m	47' 0"		Single
41a	14.50m	47' 7"		Single
42	14.73m	48' 4"		Single
43	14.98m	49' 2"		Single

Seating Plan



SEATING CAPACITY

- 840 seating capacity

CONTROL ROOMS

- In-House sound position
 - In-House LX position
 - SFX visiting company position
 - LX visiting company position
 - 2 x Follow Spot Positions
- Box 9 (at back of rear stalls centre)
Box 8 (at back of rear stalls audience right)
Box 10 (at back rear of stalls, audience left)
Box 7 (at back rear of stalls, audience right)
Front of Circle 2 (audience left & right)

Orchestra Pit



ORCHESTRA PIT

- Seating dependant on configuration
- 2 x Upright rehearsal pianos available
- 1 x Steinway & Sons Concert Grand Piano
- 1 x Steinway & Sons Grand Piano model'D' (baby)
- 17 x LED lit RAT stands plus cabling
- 1 x Grand Opera RAT conductor's music stand and rostra - Black/Red seats available