

Eden Court Highlands  
Technical Department

# Technical Specification

## OneTouch Theatre

Contacts

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## **Stage Dimensions**

Prosc Width = 10980mm

Front of Stage to Back Wall = 10230mm

Width of Stage wall to wall = 16510mm

Playing Space = 11000mm wide x 9100mm deep

Bars Out to Roof = 9370mm

Cinema screen height = 7969mm

RSJ Height = 8963mm

Underside of Bridge = 5781mm

Underside of Fly Floors = 5800mm

Auditorium Underside of Balcony = 2273mm

FOH LX Rail to DS edge of Stage (on the angle) = 8475mm

Between Fly Floor Rails = 11003mm

Multi runs to FOH from Prompt corner = PC to mix position – 35000mm (35M) Minimum

PC to LX Position – 43000mm (43M) Minimum

There are 20 hemp set fly bars Safe Working Load 100kgs evenly distributed across the bar.

There are 8 motorised hoist bars Safe Working Load 450kgs evenly distributed across the bar.

Black masking Hard House header on Hemp Bar 1, 5x black legs dead hung under each gallery to create wings, 7x black borders one set black tabs usually on hoist 8 to leave a crossover upstage.

Various black maskers shared with Empire theatre.

Floor is reversible black/grey Harlequin flooring or wooden stage.

**THERE IS NO FIXING TO THE STAGE – braces and stage weights must be used.**

## OneTouch Theatre Hanging Plot

Bar	Distance from front edge of stage	Item	Notes
1		House Solid Header	
Hoist 1	832mm		
2	1124mm		
3			
4	1739mm		
Hoist 2	2035mm	House Tab Track	
		Cinema Screen No Rigging	
Hoist 3	2740mm		
5			
6	3336mm		
7	3645mm		
8			
9			
Hoist 4	4536mm		
10			
11			
12	5421mm		
13			
Hoist 5	6341mm		
14			
15	6943mm		
Hoist 6	7239mm		
16			
Hoist 7	8145mm		
17			
18			
Hoist 8		House Black Tabs	
19			
20			
	Distances are within a 5mm tolerance		

Safe working load of hemp bars is 100kg evenly distributed along the bar.

Safe working load of hoist bars is 450kg evenly distributed along the bar.

There is **NO** counterweight flying in the OneTouch Theatre.

## Eden Court Technical Department

### OneTouch Theatre

## **Lighting Specification**

### Control

- ETC Ion with 40 Fader Wing and 2 Universes
- Avolites Arena with 8 Universes
- ETC Sensor +
- Temporary Power 125A 3P x2  
63A 3P x2  
32A 3P x2

### Lanterns

- X24 Selecon Rama Fresnels
- X12 Par64
- X12 ETC Source 4 26°
- X7 ETC Source 4 36°
- X12 ETC Source 4 Jnr 25/50 Zoom
- X12 ETC Source 4 25/50 Zoom

### Additional (*additional hire charge may apply*)

- X8 Chroma Q Scroller Unit
- X1 Unique 2 Hazer

### Accessories

- Barn doors, Shutters and Colour Frames
- Gobo Holders and Iris' ('A' 'B' and 'M' sizes)

### Shared Equipment Subject to Availability

- X12 MAC Aura PXL
- X4 ERA 800 Performance

### Notes

The OneTouch Theatre is a low hemp house with 8 motorised hoists

*Please note that hemp sets are hauled manually*

Hemp Set Safe Working Load 100kgs evenly distributed along the bar

Hoist Set Safe Working Load 450kgs evenly distributed along the bar

Eden Court Technical Department

OneTouch Theatre

**Lighting Specification**

There is a FOH Gantry that acts as the only FOH position.

Over-head focused via Tallescope/ Zarges.

## Eden Court Technical Department

### OneTouch Theatre

#### **Sound Specification**

##### FOH

- Yamaha DM7
- X1 RIO Rack 32/16
- X1 RIO Rack 16/8
- Pioneer CDJ1000 MK3 Deck

##### Amps and Speakers

- Left Pros Opus PSD800T Active Loudspeaker
- Opus HD Amp LF 1250W/500W
- Right Pros Opus PSD800T Active Loudspeaker
- Opus HD Amp LF 1250W/500W
- 
- Centre Opus PSD800T Active Loudspeaker
- Opus HD Amp LF 1250W/500W
- 
- Stalls L SB118 18 Inch Sub x2
- Opus HD Amp 2500W
- Stalls R SB118 18 Inch Sub x2
- Opus HD Amp 2500W
- 
- Front Fills EM Acoustics EMS-51 x2
- Yamaha PM7000 Amp X3

##### Radio Mics

- Sennheiser EW300 Belt Packs x8 (*6 if using x2 handhelds*)
- Sennheiser EW300 Hand Held x2
- Licence Band ch27

##### Notes

**HOUSE ENGINEER TO BE ON DUTY IF HOUSE SYSTEM BEING USED**

## Eden Court Technical Department

### OneTouch Theatre

#### **Sound Specification**

### **Shared Equipment**

#### Microphones

- Shure SM 58 x8
- Shure SM 57 x8
- Shure Beta 91
- AKG 535
- AKG 300B x12
- AKG CK91 x12
- AKG CK94
- AKG CK98 x5
- AKG CK92 x4
- CROWN PCC 160 PZM x5
- Audix DP7 Drum mic Pack
- Audix VX10 Vocal
- Audix D3 x4
- Audix SCX25 Piano/int mic set
- Neuman KMS105 x2
- Neuman KM184 Stereo set
- Sennheiser MD421 x3
- Rode NT4 Stereo Mic

#### D.I Boxes

- EMO Passive Single DI x3
- EMO Passive Double DI x2
- Canford Audio Active DI x2
- BSS Active DI x3
- OPUS Active DI x6
- Radial J48 Active DI x1
- Radial JPC DI x2

#### Monitors

- Logic LM15 Wedges x10
- Yamaha P5000 Amp x2
- Yamaha P7000 Amp x4
- DBX PMC16
- Personal Monitor control x8
- Sony Pro Headphones x8

Eden Court Technical Department

OneTouch Theatre

**Sound Specification**

## **Shared Equipment Continued**

Sub Mixers

- SOUNDCRAFT GB24
- SOUNDCRAFT Live 4 16 Channel
- SOUNDCRAFT Live 3 8 Channel

Eden Court Technical Department

OneTouch Theatre

**Comms and AV**

## **Shared Equipment**

Communications

Canford Audio Cans System (Wired)

- Single Channel x5 Belt Packs with Single-ear Headset

Two Colour Cue Light System operated via prompt desk

- X6 Empire Cue Lights
- X12 OneTouch Cue Lights

Cameras (no Infra-Red)

- X2 Empire Cameras ( PAL- Standard Colour)
- X2 OneTouch Cameras (PAL-Standard Colour)

Visual Monitors

- X3 ESP Monitors 18"

A/V (additional hire charge may apply)

Projector

- Christie DHD600-G (6600 Lumens) HDMI Connection

Visual Monitors

- X4 Benq Monitors with HDMI Connection

Projection Screens

"Fast Fold Screens"

- 4.9m x 2.75m (16ft x 9ft) AV Stumpfl screen 16:9 ratio Front/Rear Projection surfaces
- 4.5m x 3.3m (14ft x 10ft) Screen Front/Rear Projection Surfaces
- 3.9m x 2.7m (12ft x 8ft) Screen Front Projection Surface

"Non Fast Fold Screen"

- 3.6m x 2.7m (11ft x 8ft) Screen Front/ Rear Projection Surfaces

Eden Court Technical Department

OneTouch Theatre

**Comms and AV**

## **Shared Equipment continued**

Media Playback

- X1 MacBook Pro QLab 4 Sound Licence
- X1 DVD Player
- X1 Laptop Playback

Signal Processors

- Kramer VP-747 Scaler – 8 Universal Ins
- Various Kramer Converters- Ask for details.