

# Technical Specifications - The Moat Theatre

## Contact Information:

The Moat Theatre, Abbey Street, Naas, Co. Kildare

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**Theatre Technician:** Mr. Conor O'Connell  
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## Auditorium:

200 Seat Proscenium Arch Theatre, Flat Stage with Tiered Seating

If a Band/Orchestra is placed on the floor in front of the stage 18 seats must be removed.

**\*\* If you need to film your show you will lose a minimum of two seats. Positions for cameras are very restricted in the auditorium. It is the responsibility of the incoming show to inform The Moat theatre well in advance so that we have the best chance of accommodating filming requests.**

**\*\* Tech Support is available for every show at no extra cost. However, If you require an operator for Lighting for the show, it is €75. If you require a Sound Engineer for sound check and operation of show, it is €150.**

## Critical Stage Dimensions:

Stage Depth (Pros to Cyclorama)	5,500mm
Proscenium Width	10,000mm
Proscenium Height	5,000mm
Height to Steel Grid (Max Flying)	9,000mm

- Get in Doors Stage Left: 1,700mm Wide x 2,000mm High (Street access to get-in doors with limited short-term parking).
- Scene Dock Stage left: 4,700mm Wide x 6,000mm long x 4,100 High.

## **Stage Floor:**

Flat, Matt Black.

N.B: Screwing/Nailing/Painting to the theatre floor is not permitted.

## **STAGE LIGHTING:**

**Dimmers:** 48 No. 3kw Dimmers

**Control Desk:** ETC Ion XE with Touch Screen Monitor (1000 Submasters)

**House Lights:** Controlled by Ch,73

**Moat Theatre Logo Gobos:** Controlled by Ch. 11

## **Circuits:**

FOH Bar (Motorised)	12 No. 16a Sockets <b>(1-12)</b>
FOH Boom Left	6 No. 16a Sockets <b>(13-18)</b>
FOH Boom Right	6 No. 16a Sockets <b>(19-24)</b>
LX 1 (Motorised)	12 No. 16a Sockets <b>(37-48)</b>
LX 2 (Motorised)	12 No. 16a Sockets <b>(49-60)</b>
LX 3 (Motorised)	12 No. 16a Sockets <b>(61-72)</b>
LX 4	<b>This bar is restricted to LEDs only</b>
Down Stage left	6 No. 16a Sockets <b>(85-90)</b>
Up Stage Right	6 No. 16a Sockets <b>(91-96)</b>

## **Visitors Supply:**

63amp 3phase isolator Stage Right can be used for Touring Dimmers.

## Lanterns:

6	ETC Source 4 Zoom 25/50 FOH
3	ETC Source 4 Zoom 15/30 FOH
11	ETC Source 4 Jnr Profiles 25/50 575W
9	ETC Parnels 575W
6	Selecon Aurora 1.2 KW Cyc Floods
7	1 KW Robert Juliat Fresnel
11	1.2 KW Robert Juliat Fresnel
15	Tomas Par Can CP62 1000W
10	Eurolite RGBA Led Par 20 degree beam angle
4	Elation Par LED Zoom 60W
6	Stairville Retro Par RGBW 200W 25 degree beam angle
4	Mac Auro XB (These are located on LX 4)
2	Cameo Auro Spot Z300 (These are located on FOH)
2	Varytek Hero Wash 715 HEX LED (These are located on Booms)

## Lighting Cabling and Accessories:

- 4 No. Soca Spider Breakout 6x16amp
- 18 No. 5m TRS Extension tails
- 14 No. 10m TRS Extension tails
- 8 No. 5m TRS Extension tails
- 4 No. 16amp 2-way splitters
- 6 No. Standard Boom Arms
- 2 No. Free-standing 1.5 meter booms
- 2 No. DMX Splitter located in Control Room
  
- 2 No. DMX Splitter located Up Stage Right & Down Stage Right
- 2 No. DMX Splitter located Up Stage Left and Down Stage Right

## **STAGE SOUND:**

### **MIXING DESK:**

- Sound Craft Expression 3 Digital Mixing Console

<https://www.soundcraft.com/products/Si-Expression-3>

### **PA:**

- 8 x Nexo M6 (Flown over Pros Arch 4 per side, Left and Right)
- 1 x Nexo PS10 (Flown over Pros Arch Centre)
- 2x Nexo LS600 Subs (1 Each Side on the Deck)

<https://nexo-sa.com/systems/geom6/>

[https://nexo-sa.com/wp-content/uploads/GEO\\_M6\\_Datasheets.pdf](https://nexo-sa.com/wp-content/uploads/GEO_M6_Datasheets.pdf)

### **STAGE BOX:** (Cat 5 to Control Room)

- Sound Craft Digital 16 Channel Stage Box with 8 Aux's

<https://www.soundcraft.com/en/products/mini-stagebox-32r-16r>

### **AMPLIFIERS:**

- 2 No. Nexo DTD amp 4x1.3 (Main PA)
- 2 No. Nexo DTD amp 4x1.3 (On Stage Monitors)

<https://nexo-sa.com/products/dtd-t/>

[https://nexo-sa.com/wp-content/uploads/DTD\\_datasheet\\_v1.1.pdf](https://nexo-sa.com/wp-content/uploads/DTD_datasheet_v1.1.pdf)

### **MONITORS:**

- 4 No. Nexo PS10 R2 / L2

[https://www.nexo-sa.com/wp-content/uploads/NEXO%E2%80%93ps\\_r2\\_brochure.pdf](https://www.nexo-sa.com/wp-content/uploads/NEXO%E2%80%93ps_r2_brochure.pdf)

### **ANALOGUE STAGE BOX:** (Terminated in Control Room)

- 10 No. Mic/Line outlets D.S.R
- 2 No. Mic/Line Sends D.S.R
- 10 No. Mic/Line outlets D.S.L
- 2 No. Mic/Line Sends D.S.L

## **MICROPHONES:**

- 7 SM58 Vocal Mics
- 2 SM57 Dynamic Mics

**\*\*\* Drum Mics and Rifle Mics are available to hire. Contact Theatre Technician in advance of Get In.**

## **DI BOXES:**

- 4 No. BSS AAR 133 Di Box

## **STANDS:**

- 4 Boom Stands
- 4 Straight Stands
- 4 Short Stands

## **STREAMING/SHOW RECORDING:**

- 3 No. DATA VIDEO PTC 140 Full HD Camera's.

<https://www.datavideo.com/product/PTC-140>

- Black Magic ATEM MINI PRO

<https://www.blackmagicdesign.com/products/atemmini>

- 1 No. RMC 180 PTZ CAMERA CONTROL UNIT

<https://datavideo.com/product/RMC-180>

## **FOYER SOUND:**

Mixing Amplifier located at Box Office. Ipod connection available along with Tannoy for Announcements. Speakers Wall mounted in Foyer and Exhibition Space wired and selectable as 2 different zones. Mic Outlet in Foyer and Exhibition Space.

Show Relay is also available in Foyer to duplicate Pre/Interval/Post Show Music in Auditorium.

## **Sound Power:**

A series of 13amp sockets labeled **SDB/1** are located around the Stage, Auditorium and Control Room dedicated to Sound use only.

## **Stage Communication:**

Master Station – Stonewood Audio CMS2 LSM-1,2 Ring, located at Stage Managers Desk.

Show Relay in Operation to Green Room and Dressing Room 1 and 2.

3 No. Talkback headsets normally located at sound and lighting in control room and & D.S.R.

## **Stage Flying:**

- 4 No. Motorised bars (FOH/LX1/LX2/LX3) Rated to 500kg
- 1 No. 5 line hand winch for LX. 4- SWL 250K
- 7 No. 5 line Manual Hemp Set at Spaced intervals rated at 100kg SWL.

## **Drapes and Masking:**

- **TABS:**  
1 No. Velour House Curtain. Curtain on House Track fixed to Proscenium and hand drawn from Stage Right.
- **LEGS:**  
8 No. Black Wool Serge Masking Legs 1,500mm Wide x 5,500mm drop. 6 No. Swivel Sets for Masking Legs.
- **BLACK MID TAB: (TAB TRACKS)**  
2 No. Full Black Wool Serge Split Drape, 6,250mm Wide x 5,500mm Drop. Tab Track Control operated form S.R
- **BORDERS:**  
4 No. Black Wool Serge Border 12,000mm wide x 1,500mm Drop
- **CYCLORAMA (WHITE):**  
1 No. Filled White Cloth Cyclorama 12,500mm Wide x 5,500mm Drop.
- **CYCLORAMA (BLACK):**  
2 No. Full Black Wool Serge Split Drape, 6,250mm Wide x 5,500mm Drop. Tab Track Control operated form S.R

## **Access Equipment:**

- Genie GR15 (Working Height 6,500mm)  
**\*\* You must have a valid MEWP certificate to operate this machinery.**
- 10ft Wooden A-Frame
- 8ft Wooden A-Frame

If you require **LX Plan and Circuit Layout** please email [conor@moattheatre.com](mailto:conor@moattheatre.com) and one will be forwarded to you as soon as possible.

To ensure the safety of all staff and visiting companies all LX and Sound rigging must be done in advance of Get In due to COVID 19 guidelines. We ask that all crew wear masks while on site. The only time masks can be taken off is during a tech run or performance. Your technician on the day will focus whatever lanterns are required. We apologise in advance if this causes any upset and please feel free to call Theatre Technician, Conor O'Connell, who will answers concerns you may have during this time.