

# Crewe Lyceum Technical Specification



## Contacts List

### Address:

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### *Technical Manager:*

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### *Stage Manager:*

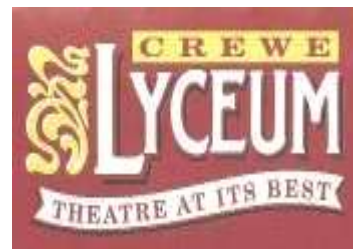
Mr Kevin McFarlane  
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### *Chief Technician:*

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Please send or preferable email all Technical Riders to: David Thomas with cc: Kevin McFarlane and Carl Knapper.

## Stage Specification



The stage is a **1 in 18 Rake**

Prompt Corner is D/S/L or Prompt side

(This is a fixed position which Can't be moved)

The Stage Manager Desk consists of

- Metro Audio intercom Call Facility which goes to All Dressing Rooms, Technical Office, Crew Room, Green Room, Band Position Under Stage, Rehearsal Room.
- Metro Audio Communications System (CANS).  
Positions are: - Prompt Desk, 3 points Around the Stage, Flys, Pit, LX, Sound, Follow Spots and in the Crew Room.
- HME DX200 Wireless Intercom System giving an extra 9 intercom sets (the wireless system is tied into the Metro system so can hear anyone on the system but they can isolate themselves and just talk wireless to wireless which cuts down on a lot of crosstalk during scene changes)
- Metro Audio Cue-light system. (8 Fully Patchable ways)  
Positions are: - 6 Points around the stage, Flys, Pit, LX, Sound.
- Monitor for Pit Camera which shows Musical Director in the Pit. (Black & White Picture)
- Monitor for the **Infra-Red** Camera. Camera is Positioned on the Gallery F.O.H Lighting Rail which shows all of the Stage - Pros to Pros (Colour Picture)

***The show Relay goes throughout the Facility***

## Stage Measurements

The Front 1350mm of the Stage (Forestage) removes to uncover an Orchestra Pit which is:-

Width of Pit Wall to Wall – 7390mm

Length of Pit from Back wall to Pit Rail – 2140mm

Height of Pit – 1850mm

The Pit Covers are 1000mm Wide and 6 Cover Lids make up the forestage so a variety of Pit sizes is therefore possible

***Please note when the Pit is covered a Forestage is Available but Follow Spots cannot hit this area because of the angle of the Gallery Balcony.***



## Measurements for the stage using the Forestage is

Front of Forestage to rear wall – 11460mm  
Front of forestage to Last Fly Bar (Hemp 24) – 10360mm  
Front of Forestage to safety Curtain – 2170mm  
Front of Forestage to House Tabs – 2500mm

## Stage Measurements (cont)

Front of Main stage to Rear Wall (Pit Uncovered) – 10110mm  
Front of Main stage to Last flying Bar, Hemp 24 (Pit Uncovered) – 9010mm  
Width of Main stage with Black side masking in – 10500mm  
Stage Right Wing – 115mm  
Stage Left Wing – 3500mm (Please note that the Cradles for the Counterweights are on the S/L Wall which are: - Height 3200mm & Width 650mm)  
Height to Fly floor S/R & S/L up Stage – 6100mm  
Height to Fly floor S/R & S/L Down stage – 6480mm  
Height to Grid U/S – 13080mm  
Height to Grid D/S – 13480mm  
Proscenium Width – 8550mm  
Proscenium Height – 5600mm

Up Stage Right Scenic Dock area: - Width – 2440mm  
Depth – 3650mm  
Height – 3000mm

There is a Crossover around the back of the stage if you Use Hemp 24 as your last bar, if access is blocked due to the Set being laid off on the Back Wall there is an access to Sub stage via Stairs which is covered by a Trap door on Mid Stage Left Wing. This allows the option of an underpass crossover to the dressing room Block and on to Mid Stage Right Wing.

The Main Fly floor is S/L, The Fly floor S/R is for Electric's. There is an upstage Crossover linking the Fly floor on the back wall.

**GET IN** is via three Dock doors From Hill Street at the side of the Building which leads onto Down Stage Right Wing.

The Outside Road leading into the Get in Doors is a Cobbled Street.

Street Door: - Width – 1800mm  
Height – 2700mm

Alley Doors: - Width – 1780mm

Height – 2400mm



Stage Doors: - Width – 1550mm

Height – 3500mm

There is optional Get off treads both D/S/L & D/S/R, which can be covered when not in use.

### Vehicle access and Parking

Road access to the Lyceum is not ideal, as the theatre is Adjacent to the Crewe Outdoor Market on Hill Street,

Opening times are:-

Monday – 8am till 5pm

Tuesday – Not open

Wednesday – 8am till 2pm

Thursday – Not Open

Friday – 8am till 5pm

Saturday – 8am till 5pm

Whilst this does pose a SMALL problem for unloading it is advised that you inform the Stage Manager (Kevin McFarlane) or the Chief Technician (Carl Knapper) of Get in Time and the size of your Lorry so they can cone off the Area and inform the Police. To have a vehicle: Please have your Lorry Facing the 3 Lamps Pub on the Get in Door Side of the road at 7am of the Load in day. A 16 amp Land Line is available please ring if needed.

Minimum of one weeks notice is required failure to do this may result in a parking ticket as well as no space to unload your vehicle

### Drapes and Masking

The House Tabs (permanently situated on counterweight 1)

1 x White Cyc – Width 10m, Height 8m

1 x Black Fibre optic star cloth – Width 10m, Height 8m (Split in Centre) with White light source

1 x Full Black Tabs – Width 10m, Height 8m (Split in Centre)

1 x Full Gold Tabs – Width 10m, Height 8m (Split in Centre)

4 x Black boards with Ties – Width 10m, Height 2m

1 x Black House Boarder with Ties - Width 10m, Height 2.5m (permanently situated on Hemp 1)

5 pairs of Black Legs with ties – width 3m, Height 9m

1 x 12m Tab Track opening Centre to out, Controlled form stage Level  
2 x Hard Black Masking – 4” x 15”

The stage is fully masked with Up & Down black Tabs on S/R and S/L with D/S M/S & U/S splits for entrances, anymore Legs can be Hung.

Also Available:-

Medium Telescope 4.6m-7.5m

Zarges ladder 3.0m-6.9m

2 x Riser 2m x 1m with 1, 2 and 3 foot Legs

### *Flying Stage*

All Bar Lengths are approx 10m Wide

24 bars of 3 line sets, with a maximum weight of 150kg on Each Hemp (Evenly Spread across the bar). These are operated from the fly floor S/L.

4 Double Purchase Counterweight Bars, with a maximum weight of 250kg on each bar (Evenly Spread across the bar). These are operated from the fly floor S/L.

### *Layout of Bars on stage (all measurements are from Iron Line)*

Counterweight 1 – 600mm (Used as House Tabs)

Hemp 1 – 830mm (Used as House Header)

Hemp 2 – 1360mm

Hemp 3 – 1560mm

Hemp 4 – 1750mm

Hemp 5 – 1950mm

Hemp 6 – 2150mm

Hemp 7 – 2360mm

Hemp 8 – 2590mm

Counterweight 2 – 2760mm

Hemp 9 – 2880mm

Hemp 10 – 3620mm

Hemp 11 – 3830mm

Hemp 12 – 4050mm

Hemp 13 – 4200mm

Counterweight 3 – 4500mm

Hemp 14 – 4700mm



Hemp 15 – 5180mm  
Hemp 16 – 5400mm  
Hemp 17 – 5550mm  
Counterweight 4 – 5840mm  
Hemp 18 – 6050mm  
Hemp 19 – 6910mm  
Hemp 20 – 7140mm  
Hemp 21 – 7400mm  
Hemp 22 – 7590mm  
Counterweight 5 – 7800mm (Used as Star cloth)  
Hemp 23 – 8120mm  
Hemp 24 – 8340mm (Used as Cyc)

## Lighting Specification

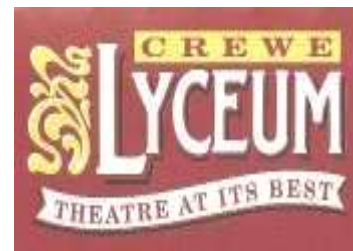
Lamp and other Technical Stock:- This does not include our permanent F.O.H Rig

32 x 19 Degree Source 4 Profile 575 w  
14 x 26 Degree Source 4 Profile 575 w  
8 x 36 Degree Source 4 Profile 575 w  
4 x 50 Degree Source 4 Profile 575 w  
6 x source 4 jnr  
48 x Selecon 1200 w Rama Fresnel  
48 x Selecon 1000 w Compact Fresnel  
24 x Thomas 1000 w Par cans (CP 62)  
14 x Coda Floods 1K  
16 x Selecon Lui Floods 1K  
8 x Thomas Howie Battens (20 cell)  
2 x 18inch Mirror Balls  
1 Mini Mist Smoke Machine (Fluid Contra as used)  
2 Jem Haze Machine (Fluid Contra as used)  
1 sweep fog haze machine (Fluid Contra as used)  
1 6 x 4 Le Maitre Pyrotechnic Firing box system (Contra per use)  
8 Le Maitre angle pods  
12 single straight pods

### **Other Equipment:-**

Assorted cabling and Converters.  
Barn Doors.  
Colour frames.  
Various Go-Bo's and holders.  
Irises.  
4 x Apollo DMX smart moves  
1 x Apollo Right arm

Sanyo PLC xt25 with Hanging Bracket  
8 x Ballet boom



**At additional cost**

10 x Mac 300  
10 x Mac 250 Entour Washes  
6 x Mac 500  
8 x source 4 Apollo Scrollers  
24 x universal Apollo Scrollers  
2 x UV Cannon

**Lighting Bars and Power:-**

4 x Hand Winches on stage for LX use, with a maximum weight of 250kg on each bar (Evenly Spread across).

Measurements are:- from Downstage to upstage

Winch 1 – 1200mm  
Winch 2 – 3250mm  
Winch 3 – 4950mm  
Winch 4 – 6550mm

2 x Pros Booms S/R & S/L with a rigging Height Limit of 2500mm.  
2 x Side Booms Front of House with 6 x 1000w CP 62 Thomas Par Cans on each; they are 4000mm from Iron Line and situated in the Circle. These are a PERMANENT Fixture.

Front of House LX Bar is a continuous Horse Shoe bar along the Gallery with **22 x Source 4 Zooms 750 Watts on it.** These are a PERMANENT Fixture.

Our entire Stock is Socaplex Multicore Plug & Sockets.

We have various TRS Cable in all Sizes.

125 amp TP&N CEEFORM Supply U/S/R.

12 x 16amp Non Dims MCB U/S/R (if these are used the 125 amp TP&N is not available).

32 amp TP&N CEEFORM Supply with RCD D/S/L.

Various 13 amp 240v Sockets around the Stage.

4 Lighting Stands on Thomas Bases with 2 meter Rigging Height.

Control Position for the Lighting is at the Back of the Stalls

In an control Box, or next to the Sound Desk if there is room

In the 8 x 4 Foot Sound Area just outside the Box.

The Lighting Desk can be pulled out to the stalls or Circle for Programming and Plotting if Pre Production is done at Venue.

All the Lighting is controlled by DMX 512 protocol distribution network.

House Lights can be controlled on the desk.

2 Separate Feeds of DMX can be sent from FOH Position to on stage.

Control Desk is an ETC Congo Lighting consol with 99 pages of 20 sub-masters. 3 universes each with 512 DMX channels. Theatre stack programming plus Rock and Roll style busking available.

] A wireless remote control for focusing. Various DMX buffers and outputs spread around the stage and FOH positions.

Follow Spots are Selecon Quartz 2000w and positioned in a box the Back of the Gallery.

#### Dimmers:-

104 x 2.5Kw on Stage Outlets

48 x 2.5Kw FOH Outlets

Our FIXED General Lighting Rig consists of a 4 Colour Wash on stage and Front of House (L106, L139, L132 & L105) With a 6 Colour Par Can Wash from Side Booms (L106, L139, L132, L105, L136 & L181) Incoming productions and designers will be allowed to Re-colour, Focus and Number the Front of House Rig F.O.H is a PERMANENT Rig.

Please send a Lighting Plan to the Chief Technician no Later than 2 weeks before your Production is due at the Crewe Lyceum. Where Possible Please have all Circuits and Gel Colours CLEARLY MARKED.

Any GEL required for your Production will be brought and Contraed to you at Source. Please be advised that Crewe Lyceum has a Minimum amount of Stock Gel.

### *Sound Specification*

#### Sound stock:-

Mackie TT24 Digital Live Console.

2 x C7 D&B Subs.

2 x C6 D&B Speakers (Stalls)

4 x C7 D&B Speakers (Circle, Gallery)

4 x E3 D&B Front Fills.

8 x D12 Digital D&B Amps.

1 x Tascam MD-CD1 CD/MD player.



1 x Tascam MD 350 M.D Player.  
Furman HD56 Pit Headphone System (6 Base Stations with 12 Headphones)  
24 x Tie Lines XLR Sends at Desk End – Male.  
8 x Tie Lines XRL Returns at Desk End – Female.  
24 x Tie Lines XLR Sends at Stage Multi D/S/L – Female.  
8 x Tie Lines XRL Returns at Stage Multi D/S/L – Male.  
18 x Tie Lines XRL to Pit.  
2 x Martin LE400 Monitors.  
2 x HK Audio PR:O 12M Monitors  
8 x Yamaha MS8  
6 x Monitor Points (2 D/S/L, 2 U/S/L, 2 D/S/R) all return to desk on XLR.  
8 x SM 58 Mics.  
4 x SM 57 Mics.  
6 x D.I. Boxes.  
4 x Stereo D.I. Boxes  
10 Assorted Mic Stands.  
4 x Crown Plate Boundary Mics.  
6 x Sennheiser E604 Drum Mics.  
2 x Sennheiser MD 421 Over Head Mics.  
1 x Sennheiser 602 Kick Drum Mic.  
1 x Sennheiser 608 Brass clip Mic  
12 x Sennheiser EW 500  
12 x EW 500 Receivers  
9 x EW 100 Hand held Mics  
Radio coverage all over stage and auditorium  
1 x 12 Way Van-Dam Multi Stage Box.  
Various Jumpers leads and Sound Cables.

Sound Power:-

63 amp SP&N CEEFORM with MCB. D/S/L (Clean Power)  
32 amp SP&N CEEFORM with RCD. D/S/L (Clean Power)  
16 amp SP&N CEEFORM with MCB. D/S/L (Clean Power)  
3 x 13 amp 240v. D/S/L (Clean Power)  
6 x 13 amp 240v at the front of House Sound Area in Stalls. (Clean Power)

## Sound Specification cont



### Other Sound Information:-

There is a 14 x 4 Foot Sound Position at the back of the stalls.

All The Front of House Speakers are Delayed to the Iron Line.

The Sound Multi Run from D/S/L to FOH needs to be at least 30 meters.

We have a Sennheiser SZI 1029-EU Infer Red RF Hearing Loop System, Radiators for this in at Stalls Level.

Front of House Racks and Desk Need to Go Though the Front Doors and Front of House Area and into the Back of the stalls. (No Steps)

The stage is raked so Please be aware of this when wheeling Flight cases and Cabinets onto Stage, ***They have been known to roll off the front of the stage***

Any more information about the Venue Please contact the Stage Manager or Chief Technician.

## Dressing Rooms

### Ground Floor:-

- Local Crew Room / Office
- Men & Ladies Toilets

### First Floor:-

- Dressing Room 1 – Shower, Toilet and Wash Basin.
- Dressing Room 2 – Shower and Wash Basin. (*Please note this Dressing room does not lock as there is a Fire Exit in here*)
- Dressing Room 3 – Shower and Wash Basin.
- Dressing Room 4 – Shower and Wash Basin.

### Second Floor:-

- Dressing Room 5 – Shower and Wash Basin.
- Dressing Room 6 – Shower and Wash Basin.
- Green Room – Kettle, Washing Machine, Dryer and Kitchen sink.

All Dressing rooms have clothes rails fixed to the walls and all have mirrors with lights around them.

Dressing Room Keys are kept on the Left Hand side of the Company Notice board which is situated in the Alley area as you come in. PLEASE replace these at the end of each Night.

Replacement of Lost Keys will be Contraed to the company.

### *Other Information*

A Production desk can be pulled out to the Stalls or Circle Level with Communication to everyone. (8" x 5" Desk)



The Safety curtain has to be shown at some point during the Show; At Least 1 member of the Paying Public has to see the Iron. So all lighting & Sound equipment has to be clear of the Iron Line. It's at your discretion on when to drop the Iron at the Start or Interval and if to bounce or keep it in for a length of time. Please advice our Stage manager upon arrival.

### *Health and safety Information*

Crewe Lyceum Theatre is committed to a policy of good health and safety and is striving to attain the highest standards of safe working practice." **In accordance with provision of health and safety at work etc Act 1974,** Crewe Lyceum state that is their policy to provide and maintain, as far as practical, safe and healthy conditions. To ensure the absence of risk to health in connection with the use, handling and storage of equipment: to offer training supervision and instruction to staff and to monitor the effectiveness of the policy to ensure that its provision is adhered to. Crewe Lyceum Theatre will expect visiting management to make their best endeavour to take all necessary steps to ensure that all such sets and other properties which the visiting management provides, shall meet all known current ***British and European Standard.*** Scenery shall be fireproofed to the appropriate standards and ALL CERTIFICATES OF FIREPROOFING ARE AVAIABLE FOR INSPECTION.

**A Manual handling and risk assessment should be carried out for all appropriate areas of activity and should be made available for inspection.**

All Electrical equipment and appliances should comply with the I.E.E regulations and the electricity at work regulations and should be P.A.T tested. **Certificates of P.A.T test should be available for inspection.**

Any structural steelwork contained within the visiting management's scenery should be capable of being earth bonded.



## General Information

### **Catering**

Apex Partnership Ltd operates the Harlequin restaurant and Bars. The restaurant is open from 10am to 8pm on Performance Days and 10am to 4:30pm on Non-performance days. Reservations can be made by phoning 01270 537340.

### **Backstage access**

Unfortunately the Crewe Lyceum has NO pass door, however you may use the door through the kitchen area when this is NOT BUSY. At any other times please use the Dock doors.

### **Smoking**

Crewe Lyceum operates a Strict NON-SMOKING policy.

### **Emergency Procedures**

Please familiarise yourself with the dressing rooms and Back stage escape route against the unlikely event of having to evacuate the Building.

### **Technical Office**

The Resident technical office is on the Ground floor of the Dressing Room block and has a dedicated telephone line 01270 537336. This phone can be put into Dressing room 5 & 6 acting as a Company Office. Calls made on this line will be charged to the company via the Contra account.

### **Complimentary tickets**

The Lyceum has a very strict policy regarding complimentary tickets. Any request for comps should be made through the company manager to the Box Office.

### **Company Mail**

Company mail arriving at the Theatre will be passed to the company manager on a daily basis or can be collected at the Box office.

### **Office equipment**

The Theatre has a Fax machine and a Photocopier in the administration office at the top of the F.O.H building.

### **Facilities for people with disabilities**

The Lyceum has toilets for disabled people on all floors of the front of house facilities. There are currently no toilets for disabled people back stage. There are two lifts giving access to the F.O.H area and to ground floor only back stage. Wheelchair spaces are available at stalls level and we offer two tickets for the price of one to all wheelchair users and their companions. The Theatre has an infrared system for people with hearing impairments.