

TECHNICAL SPECIFICATIONS



LYCEUM THEATRE - MAIN AUDITORIUM

Heath Street
Crewe
Cheshire
CW1 2DA

crewelyceum.co.uk

TECHNICAL SPECIFICATIONS

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CONTACTS

Role	Name	Phone number	Email
Buildings and Technical Manager	Mr Carl Knapper	01270 508787	cknapper@crewelyceum.co.uk
Deputy Buildings and Technical Manager	Mr Iain Orr	01270 508786	lorr@crewelyceum.co.uk
Technician	Mrs Sarah Knapper	01270 508788	sknapper@crewelyceum.co.uk
Technician	Mr Adam Thompson	01270 508788	athompson@crewelyceum.co.uk
Lyceum Caretaker	Mr Anthony Hobbs	01270 508786	AHobbs@crewelyceum.co.uk

You can download a blank A3 stage plan (PDF 1.59MB)

Please send or preferable email all Technical Riders to: Carl Knapper and Iain Harrison.

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 NOT be moved)

THE STAGE MANAGER DESK

- Intercom call facility 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, fly's, pit, LX, sound, follow spots and in the crew room.
- Metro Audio Cue-light system. (8 Fully Patchable ways) Positions are: - 6 points around the stage, fly's, pit, LX, sound.
- Monitor for the infer-red camera. Camera is positioned on the gallery F.O.H lighting rail which shows all of the stage - pros to pros

All show relay goes though the calling 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 do not hit this area because of angle of gallery balcony.

D/S/L & D/S/R Get-off treads leading into the auditorium, these can be covered when Necessary.

Last updated 22nd November 2021

MEASUREMENTS FOR THE STAGE WHEN 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
- 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 SCENE DOCK AREA

- Width - 2440mm
- Depth - 3650mm
- Height - 3000mm

There is a walk around of 920mm at the back of the stage if you use hemp 24 as your last bar.

The main fly floor is S/L, The Fly floor S/R is for electrics. There is an upstage crossover linking the fly floor on the back wall.

GET IN

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.

Please Note

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!

STREET DOOR

- Width - 1800mm
- Height - 2700mm

ALLEY DOORS

- Width - 1780mm
- Height - 2400mm

STAGE DOORS

- Width - 1550mm
- Height - 3500mm

VEHICLE ACCESS AND PARKING

Road access to the Lyceum is not ideal, Whilst this does pose a small problem for unloading it is advised that you inform the Technical Manager, Carl Knapper, of get in time and the size of your vehicle so the road can be coned off and the police informed.

For HGV's: please have your vehicle facing the Cheese Hall Pub on the theatre side of the road at 7am on the day of the load in. A 16 amp supply is available if needed, please call to arrange this.

Heath Street is a no parking zone. Vehicles are permitted to load and unload only; thereafter the vehicle **must** be moved or you **will** face a parking fine.

DRAPES AND MASKING

The house tabs (permanently situated on counterweight 1)

- 1 x white fibre optic star cloth - Width 10m, Height 8m (split in centre)
- 1 x full set of black tabs - Width 10m, Height 8m (split in centre)
- 4 x black border with ties - Width 10m, Height 2m
- 1 x black house border with ties - Width 10m, Height 2.5m (permanently situated on hemp 1)
- 5 pairs of black legs with ties - width 3m, Height 9m
- 2 x hard black serge 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, more legs can be hung if needed.

STAGE RISERS AND ACCESS EQUIPMENT

- Zarges Skymaster 12 rung ladder 3.40m - 8.60m
- Zarges Skymaster 3-Part 7 Rungs 2.20m - 5.00m
- Marko Swingback 5 step Ladder 1.31m
- Werner 3 step ladder 1.24m
- 6 x Steel Deck risers 4'x 8' with 1' and 2' legs (charge applies)

FLYING SYSTEMS

The fly floor is operated from S/L

All bar lengths are approx. 10m.

24 bars of 3 line hemp sets, with a SWL of 150kg per bar (evenly spread across).

4 double purchase counterweight bars, with a SWL of 170kg on each bar (evenly spread across).

LAYOUT OF BARS ON STAGE

All measurements are from Iron Line

- Counterweight 1 - 600mm - 1' 11" (Used as House Tabs)
- Hemp 1 - 830mm - 2' 8" (Used as House Header)
- Motorised Winch 1 - 1200mm - 3' 11"
- Hemp 2 - 1360mm - 4' 5"
- Hemp 3 - 1560mm - 5' 1"
- Hemp 4 - 1750mm - 5' 8"
- Hemp 5 - 1950mm - 6' 4"
- Hemp 6 - 2150mm - 7' 0"
- Hemp 7 - 2360mm - 7' 8"
- Hemp 8 - 2590mm - 8' 6"
- Counterweight 2 - 2760mm - 9' 0"
- Hemp 9 - 2880mm - 9' 5"
- Motorised Winch 2 - 3250mm - 10' 8"
- Hemp 10 - 3620mm - 11' 10"
- Hemp 11 - 3830mm - 12' 6"
- Hemp 12 - 4050mm - 13' 3"
- Hemp 13 - 4200mm - 13' 9"
- Counterweight 3 - 4500mm - 14' 9"
- Hemp 14 - 4700mm - 15' 5"
- Motorised Winch 3 - 4950mm - 16' 2"
- Hemp 15 - 5180mm - 16' 11"
- Hemp 16 - 5400mm - 17' 8"
- Hemp 17 - 5550mm - 18' 2"
- Counterweight 4 - 5840mm - 19' 1"
- Hemp 18 - 6050mm - 19' 10"
- Motorised Winch 4 - 6550mm - 21' 5"
- Hemp 19 - 6910mm - 22' 8"
- Hemp 20 - 7140mm - 23' 5"
- Hemp 21 - 7400mm - 24' 3"
- Hemp 22 - 7590mm - 24' 10"
- Counterweight 5 - 7800mm - 25' 7"
- Hemp 23 - 8120mm - 26' 7"
- Hemp 24 - 8340mm - 27' 4"

LIGHTING BARS AND POWER

4 x Motorised winches on stage for LX use, with a maximum weight of 500kg on each bar (evenly spread across):

- 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. 50kg SWL
- 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. 50kg SWL

Front of house LX bar is a continuous horse shoe bar along the gallery with 24 x ETC source 4 profiles 15 - 30 degree on it. These are a PERMANENT fixture. 250kg SWL

Our entire stock is socapex multicore plug & sockets.

We have TRS cable in various lengths

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

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

Various 13 amp 240v sockets around the stage.

8 x lighting stands, with a maximum of a 2 meter rigging height

Control desk

ETC Ion with fader wing.

All the lighting is controlled by DMX 512 protocol

Control position for the lighting is at the back of the stalls in the control box, or next to the sound desk.

The lighting desk can be pulled out to the stalls or circle level for programming and plotting if pre-production is done at the venue.

House lights are controlled by the desk.

2 separate feeds of DMX can be sent from FOH position to on stage.

Follow spots are Robert Juliet 1600w and positioned in a box the back of the gallery level.

Our Generic rig consists of a four colour wash which is usually L106, L119, L126 and L139, and Source4 Zoom pipe ends with a Gobo wash, which is included with the hire of the theatre. Anything extra that is required may come with a hire charge. Please contact the technical department if you need anything specific for your production.

Any Changes, pre-rig or modifications will incur a Technical Contra Charge.

LAMP AND OTHER TECHNICAL STOCK

- 10 x 19 degree ETC source 4 profile 575 w
- 6 x 26 degree ETC source 4 profile 750 w
- 4 x 36 degree ETC source 4 profile 750 w
- 2 x 50 degree ETC source 4 profile 750 w
- 6 x ETC source 4 profile Zoom's 15-30 degree 750 w
- 32 x Selecon Rama 1.2K fresnel
- 50 x Thomas 1000w par cans (CP 62 lamps)
- 14 x Coda floods 1K
- 1 Jem K1 Hazer (charge applies)
- 1 Mini mist smoke machine (charge applies)
- Full Le Maitre pyro system (charge applies)

DIMMERS

All Dimmers are ETC Colour Source ThruPower 24 Circuit

- 144 x 2.5Kw on stage outlets
- 24 x 2.5Kw FOH outlets on gallery front
- 6 x 2.5Kw outlets on circle booms (paired across)
- 6 x 2.5Kw outlets on pros booms (paired across)

Please send a lighting plan, should you have one, to the Technical Manager no later than 2 weeks before your production is due at the Crewe Lyceum. When possible have all circuits and gel colour CLEARLY MARKED. If a re-rig is required this may have a cost implication.

Any GEL and Gobos required for your production may be brought and contracted to you at source, or the closest match we have will be used, unless supplied by yourself. Please be advised that Crewe Lyceum has a minimum amount of stock gel.

SOUND SPECIFICATION

Mixer

- Midas M32 Digital Mixing Console (charge applies)

PA System(charge applies)

- 2 x C7 D&B subs.
- 2 x C6 D&B speakers (stalls)
- 2 x C7 D&B speakers (circle)
- 2 x E9 D&B Speakers (gallery)
- 4 x E3 D&B front fills.
- 4 x stereo D&B D12 amps.

Monitoring

- 2 x Martin LE400 monitors.

Microphones and D.I Boxes

- 4 x SM 58 mics.
- 4 x Behringer D.I boxes.
- 10 x assorted mic stands.

Tie Lines

- 24 x tie lines XLR sends at desk end - male.
- 8 x tie lines XRL returns at desk end - female.
- 32 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.
- 6 x monitor points (2 D/S/L, 2 U/S/L, and 2 D/S/R) all return to desk on XLR.
- 4 x Cat5

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)

Other Sound Information

There is a 6 x 4 foot sound position at the back of the stalls. All the front of house speakers is 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 infrared RF hearing loop system, Radiators for this in at stalls level.

Front of house racks and desk need to go through the front doors and into the back of the stalls. (There are no steps this way)

DRESSING ROOMS

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. Lost keys will be contraed to the company.

GROUND FLOOR

- Company Office - wash basin
- Gentleman & ladies toilets

FIRST FLOOR

- Dressing room 1 - shower, toilet and wash basin.
- Dressing room 2 - wash basin. (Please note this Dressing room does not lock as there is a fire exit in here)
- Dressing room 3 - wash basin.
- Dressing room 4 - wash basin.

SECOND FLOOR

- Dressing room 5 - wash basin.
- Dressing room 6 - wash basin.
- Dressing room 7 - wash basin, shower

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 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 operates a strict NO SMOKING policy. 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 AVAILABLE 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.

Before any work can go ahead on the day of your arrival, the technical team on duty will take you through a CDM/Toolbox talk, which will go over any Health and Safety rules that we have in place in our venue.

The Venue will not accept responsibility for the loss or damage to any personal belongings left unattended in the Venue.

GENERAL 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 public has to see this. The iron line has to be clear of lighting & sound equipment at all times. It's at your discretion on when to drop the iron, at the start, interval or the end of the show, and if to bounce or keep it in for a length of time. Please advise our Stage Manager upon arrival.

Key Contacts	Name	Telephone	Email
Theatre Director	Adam Knight	01270 508 791	aknight@crewelyceum.co.uk
Administration	Lisa Cruise	01270 508 785	lcruise@crewelyceum.co.uk
Technical Manager	Carl Knapper	01270 508 787	cknapper@crewelyceum.co.uk
Marketing Manager	Kath Lewin	01270 508 790	klewin@crewelyceum.co.uk
Creative Learning & Engagement Manager	Lucy Thomson-Smith	01270 508 788	lthomson-smith@crewelyceum.co.uk
Hospitality Manager	Adam Morgan	01270 508 783	amorgan@crewelyceum.co.uk

CATERING

All catering requirements should be pre-booked, please Contact Adam Morgan (Hospitality Manager) by email at amorgan@crewelyceum.co.uk Reservations can be made by phoning 01270 508783.

BACKSTAGE ACCESS

Unfortunately the Crewe Lyceum has NO pass door, however you may use the door through the kitchen area **after** the show has started **only**. At any other times please use the dock doors.

EMERGENCY PROCEDURES

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

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.

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 FOH 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.

For more information about the venue please contact the Technical Department.

Last updated 22nd November 2021