



## Larkum Studio Technical Specification

Last updated 20/01/26 by CHTJ

Full address: ADC Theatre, Park Street, Cambridge, CB5 8AS

Office hours: 11am – 6pm, 7 days a week during performances, 5 days a week otherwise

Office number: 01223 359547 (not for box office enquiries)

N.B. all dressing room, green room, office & workshop facilities, lighting fixtures and all additional sound equipment are shared with shows taking place on the stage in the main auditorium. Please speak to the Production Manager and Technical Manager well in advance of your show to agree what facilities and equipment will be available.

### **Room Layout**

Hardwood sprung floor in natural colour measuring 4.16m x 8.24m, excluding a bay by the large window at one end (which has a white blackout blind).

White painted walls with black serge curtains which can be extended around the entire room. Additional pipe and drape can be used to convert the room into a number of small dressing room cubicles.

Maximum capacity 40 seated and 60 standing, depending on staging requirements.

Overhead grid at approx. 3m height containing projection screen and hard-wired lighting bars.

### **Lighting**

Control by Zero88 Jester 24/48 lighting desk as standard. For advanced usage, an ETC Puck and Nomad DMX interface may be available – please speak to the Technical Manager in advanced. 24 ways of dimming (Zero88 Chilli Pro) on hardwired 15A socket outlets around the studio (18 on bars and 6 at floor level). 3 ways of hardpower on hardwired 16A socket outlets on bars via a 3-way DP switch grid at the control position.

There are 6 stage lighting fixtures permanently assigned to the Studio (2x Source4 Jr. 25-50, 4x Minuette Fresnel). Additional spare lanterns may be available from the main auditorium – please speak to the Technical Manager in advanced.

### **Sound**

Control by Allen & Heath GR05 mixer. For advanced usage, a Yamaha DM3 may be available – please speak to the Technical Manager in advanced. Output to 4 JBL Control 45 speakers located in each corner of the room (individually controllable) and a single JBL Sub. CD player and stereo 3.5mm jack inputs available.

XLR & speakON audio, BNC video and etherCON network/Dante patches to facilities panels at both ends of room, fully patchable in the rack at the control position to locations elsewhere in the building via prior arrangement with the Technical Manager.

Cables, microphones, additional loudspeakers, an electric stage piano, a drum kit and various music stands may be available from the theatre's sound store – see the 'Sound Specification' document.

The Larkum studio normally contains a baby grand piano which may be available for use. This may be moved and tuned at cost – please speak to the Production Manager in advanced.

## **Power**

13A local power sockets available at floor level around the perimeter of the studio. Additional 13A local power sockets available at the control position. Separate 13A and powerCON socket outlets for sound sources and 13A socket outlets for sound amplifiers available at the control position for use of the studio as a band room for productions taking place on stage in the main auditorium.

## **Stage Management**

Control position situated next to the front of house entrance to the studio with phone, fire alarm repeater panel and all sound & lighting controls. Tecpro intercom system with optional link to main stage ring and facilities panels points around room. Paging and show relay speakers in the studio can be connected to the backstage or FOH paging zones or turned off entirely for performances. Paging microphone and outstation in studio.

## **Get-in**

Studio on first floor of building.

Get-in doors: 1.14m x 2.19m high and 0.76m x 2.04m high at the top of staircase. Staircase should be checked if large pieces of scenery are to be used.

Passenger lift from yard to auditorium level: 1.34m x 1m (640kg maximum load).

## **Offices**

Clubroom with sofas for use as a communal R&R or meeting space. Small shared-use kitchen with 2x kettle, 2x toaster, 1x fridge-freezer, 2x microwave, 1x electric cooker oven and 1x dishwasher. 2x 2-ring portable electric hobs also available. Ample cookware, bakeware, utensils and crockery provided.

Small production office with meeting area and computers running Microsoft Windows & Apple macOS with QLab, EOS, SketchUp, Microsoft Office etc. installed. A3 and A4 multi-function printer, scanner & photocopier – please speak to the Production Manager regarding printing prices. A1-width continuous roll printing on large format graphics printer plotter by prior arrangement. A3-width continuous roll laminator.

## **Dressing Rooms & Green room**

Two dressing rooms (accommodating 25-30), each with its own shower and two sinks. Sewing machine, iron and ironing board available. Use of washing and tumble drying facilities by shows is possible with prior arrangement with the Operations Manager.

Green room with some seating, three gender neutral toilets and refrigerated drinks machine. Technical facilities panel for patching of show services.

## **Workshop & Scene Dock**

Small workshop with various fixed and portable power tools. Full 240V and 110V workshop power system with distributed emergency stop controls. Automatic dust extraction system with additional vacuum cleaners for portable tools. Centralised pneumatic air provided by a permanently installed compressor. Please see 'Workshop Technical Specification' document for more details.

Scene dock for small-scale set building.

## **Accessibility**

The working language of the ADC Theatre is English. All production personnel are expected to have at least basic English language competency in order to understand venue SOPs, show paperwork, risk assessments and H&S information.

Accessible FOH gender neutral toilet on ground floor in the foyer.

Step-free access possible to all areas of the theatre front of house and backstage except the control boxes, fly galleries, lighting patchbay, roof void, scene pit, orchestra pit and stage juliettes & perches. Auditorium step-free in row A only.

Production personnel with visual, auditory or mobility impairments or who are otherwise not capable of evacuating themselves confidently without assistance from others in the event of an emergency *must* contact Theatre Management in advance of the get-in so that an appropriate PEEP can be put in place.

### **Road & Rail Access**

Road access is easiest from North Cambridge; take Victoria Avenue south from Chesterton Road, turn West onto Jesus Lane, and take road approx 0.3 miles until Park Street is on the right.

The nearest railway station is Cambridge (approximately 2 miles away).

### **Parking**

There are bicycle racks in front of the Theatre. Bicycles must not be left in the theatre yard.

The theatre's yard (off Park Street) can accommodate a maximum of three cars or one Transit/Luton style van, however if a skip is present only one car or van can be parked. Absolutely no parking on the premises is permitted during performances. On street parking on Jesus Lane becomes free at 6.30pm. It is strongly advised that any & all parking on the premises is checked in advance with Theatre Management as contractors and loading/unloading have priority.