



# Technical Specification - Studio

*Updated July 2023*

Curve and LTT cannot be held responsible for any costs incurred resulting in information, assumptions or omissions from this document. It is the responsibility of the visiting company to check critical dimensions before commissioning scenery. Please check the availability of equipment before planning productions around it.

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## Contact Details

All queries from visiting companies or anyone wishing to hire one of our spaces should initially be directed to:

[technical@curvetheatre.co.uk](mailto:technical@curvetheatre.co.uk)

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Curve Theatre  
Rutland Street  
Leicester  
LE1 1SB

Ticket Office 0116 242 3595  
Reception 0116 242 3560

[www.curveonline.co.uk](http://www.curveonline.co.uk)

## Seating Capacity

Downstairs	184
Upstairs	78
Total	262

The following number of seats will need to be removed lowering the capacity by:

- Sound Desk at the rear of the circle, and left 12 seats

If you require seats to be held off sale, you must notify us as far in advance as possible. We may not be able to hold seats once they are on sale.

## Access

Curve has two adjacent loading bays, accessed via Vestry Street (off Humberstone Gate – LE1 1WJ) each large enough to accommodate 13.7m / 45ft trailers. The doors are approximately 1.2m / 4ft above street level and give flat access across the foyer to the stage and workshops.

We cannot always accommodate trailers staying on the doors after the fit-up or arriving early for the get out, please call to discuss your needs.

Please note that access to the Stage is across the Foyer area so barriers must be in place for get in/out and therefore the foyer will form part of the CDM area.

The rear wall is an acoustic shutter which can be raised to allow clear access to the stage through the Theatre for scenic items and equipment. If the Theatre is in use, the access into the Studio is via double doors.

## Stage Information & Dimensions

The stage floor is flat and finished in 22mm MDF. It can be screwed into and painted as necessary but must be reinstated as part of the get out to matt black at a cost to the visiting company.

Setting line to back wall (shutter)	7300mm
Centre Line to side wall (no wing seats)	6500mm
Centre Line to side wall (with wing seats)	3400mm
Height to LX bars	7500mm
Height to grid load points	11000mm

See Appendix B and C for Plan and Section of the Stage and Auditorium (not to scale). Full copies of the plans are available on request.

## Flying

We have a power flying system in the Studio controlled by Stage Technologies Chameleon 5 system. The maximum speed for all of the bars is 200mm/s.

- 8 cross stage bars, 48mm diameter, and 12000mm long and have a maximum rating of 350kg (Uniformly Distributed Load), maximum 100kg/m.
- Rolling beams are available for rigging chain hoists

In addition, there are 2 point hoists (310kg SWL) available. These can be moved at a cost to the visiting company.

## Stage Equipment

2 x Genie GR 20 (Valid IPAF required for use)

1 x Large Tallescope (platform height 9300mm)

1 x Medium Tallescope (platform height 7900mm)

(Please note access equipment is shared between both venues)

*In accordance with current AAP guidelines, Tallescopes with a person in the basket may only be moved during focus sessions.*

8x black wool serge covered masking flats

6000mm x 1200mm

2x black wool serge split blacks

6000mm x 7500mm

1x White Cyclorama

13000mm x 7500mm

There is also a selection of braces, stage weights, conduit and scaffold tube.

The studio is usually an unmasked space and we have no additional masking to suit. Any specific masking requirements will need to be discussed with the technical team.

Please see Appendix A for a list of other equipment available for hire.

## Stage Management

Our prompt desk can be situated DSL, DSR, USL, USR or in the control room at the rear of the circle (behind a closed window).

It has a 8-way cuelight system as well as tannoy and house light control.

There are 2x 7" monitors for the stage and a patchable infra-red camera on the desk itself. Larger screens are available on request.

The stage monitor camera is rigged on the rear circle along with the infra-red camera and source. All are patchable.

Communication to all parts of the theatre via a 20-way clear com 4 channel wired system.

Show relay goes to all dressing rooms and corridors.

## Control Rooms

These are situated at the rear of the circle as follows: LX and Sound control room (aud centre), DSM (aud right), Audio description room (aud left).

There are followspot positions on top of the control rooms, or beam lights on the side galleries. If you require a followspot please contact us in advance to discuss your requirements.

## Wardrobe

There is a laundry and drying room with industrial sized token operated washer and dryer and an additional pound coin operated dryer. Tokens are available on request and charged at £2 and £1 respectively.

There is also a domestic dryer and 1x twin tub washing machines, a drying cabinet, iron and ironing board available for visiting companies to use

## Dressing Rooms

	Room	Capacity	Total	Notes
<b>Substage</b>	Brunger & Cleary	5		
	Delaney	8		
			13	
<b>Ground Floor</b>	Orton	2		Accessible dressing room /Company Office
	Laundry			
	Wardrobe Maintenance			
			2	
<b>First Floor</b>	Bricusse	6		
	Estefan	6		
	Williams	6		
	Kane	4		
	Lloyd Webber	2		
	Sondheim	2		
	Walker	6		
				31
<b>Second Floor</b>	Khan	8		
	Townsend	8		
			16	
			<b>63</b>	Including band

**Dressing Rooms are shared between the Theatre and Studio. Please contact us to check availability.**

## Lighting

### Touring Company & Outside Broadcast Lighting Power

2x Stage Side 63/3 phase RCD (fixed) protected supplies located SR

A shared 200A 3 phase supply is located in USR lobby with Powerlock connections. This panel breaks down into 1x 125A 3Ph, 1x 63A 3Ph and 2x 32A 3Ph supply. All supplies have individual overload protection. A global variable RCD protects the 200A supply. 15m Cables are required to get onto USR corner of the stage, via 2x Cable pass routes.

### Lighting Control

1x ETC Gio@5 Master Console 24k Output

2 x DMX tie lines run from the LX control room to all areas of the studio and are available via distributed programmable ETC net3 Gateway.

Ethernet tie lines also link all areas of the studio. If you require more than 2 DMX tie lines, or use of the Ethernet tie lines, please let us know in advance so we can configure this to your needs.

*NB – If you are touring an ETC Net3 desk and you wish to use our in house control system, please contact us prior to arrival as setup will need to be discussed around the buildings current system.*

### Dimmers

All outlets are 15amp or Socapex outlet

- 56 circuits at ground level on stage (8 paired with the circle front)
- 24 circuits across the SL and SR balcony fronts
- 8 circuits across the circle front
- 12 circuits across the rear gallery (followspot position)
- 36 circuits in the grid servicing the technical galleries and over stage flying bars

All our dimmers are ETC Sensors with dual CEM+ modules. All sockets including hard power are 15A. 32A Sockets are available for 5Kw dimmed or relayed circuits. (Schematic available on request)

### Lantern Stock

#### Generic

- 6x 2.5kW Robert Juliat 329 Fresnel
- 6x 2.5kW Selcon Arena Fresnel
- 18x 1kW Robert Juliat Lutin Fresnel
- 30x long-nose black standard lock off Par 64
- 20x 750W ETC Source 4 zoom, 25/50°

Additional Generic stock may be available from floating stock – Please contact for availability

#### LED

- 12x ETC Colour Source Spot (Standard Version)
- 18x ETC Colour Source PAR ( Standard Version)
- 15x Chauvet Colorado Tour 72X Battens

## Sound

### Mixing Desk & Racks

The mixing position in the control room has up to 64 ways of patchable analog audio. The four corners of the stage each have 8 dedicated audio tie lines. All patch panels consist of Audio, Speaker, CCTV, Comms and Data tie lines and run to a central Comms / Amp room substage.

We have:

- Yamaha M7 CL 48

The FOH rack contains:

- 1 x Mac Mini and Screen (with Qlab 3+4 installed) and network access to D&B R1 (amp control)

### House Sound Rig

- 2x D&B Q10, Left and Right stage level (D12 amp)
- 2x D&B Q7, Left and Right balcony
- 2x D&B Q7 Centre Cluster (Dead Hung)
- 2x D&B E8, Monitors, (D6 amp)
- 2x Meyer USW-1P (Powered)
- 2x D&B Q Sub

Please note out Sound system is fixed and any changes to the system must be reinstated as part of the Get Out.

Please see Appendix A for equipment available to hire.

## How To Find Curve

### Arriving by Car

#### Southbound

Leave the M1 at Junction 22 and follow signs for City Centre.

#### Northbound

Leave the M1 at Junction 21 and follow signs for City Centre.

### Arriving by Bus

The main bus drop off is just a 2 minute walk from the front doors of Curve.

Arriva and First Bus services Leicester can be contacted on: 0871 200 22 33

National Express buses arrive and depart at St Margaret's bus station. Contact: 08717 81 81 78

### Arriving by Train

Regular services run to and from Leicester from Monday to Sunday. The station is approximately 10mins walk from the theatre. Contact National Rail Enquiries on: 08457 48 49 50

### Parking

There is no private car parking on site, but Rutland Centre NCP car park is next door and costs £4.70 to park all day (please get your ticket validated at Curve Café Bar). Sat Nav users should use LE1 1TQ for Rutland Centre NCP.

The loading bays are accessed via Vestry Street, off Humberstone Gate (use LE1 1WJ for Sat Nav).





## Appendix A – Equipment for Hire

The following is available to hire from Curve. *Please contact us for details and availability.*

### Stage Equipment for Hire

- Harlequin black cascade dance lino to cover main stage area  
*Please Note – It is the visiting company's responsibility to ensure that all equipment, props, scenery, costume / footwear is suitable for use on a dance floor and will not damage the surface in anyway. The visiting company will be responsible for replacing the dancefloor should any damage occur. Please contact the technical office or Duty Technician if you have any concerns.*
- Various sizes of steeldeck (plus various legs and treads)
- Various truss available

### Lighting Equipment for Hire

- 2 x Avolite ART2000, 48 dimmers, all socapex outlets and patch bay.
- 24x Robe Esprite Fresnel Wash
- 6x Robe Esprite Profile
- 14x Robe Spiider
- 10x VL11000 TSD
- 10x VL4000 Profile (Not Suitable for Studio)

*Hire of intelligent fixtures will include a minimum of a 4 hour labour call for equipment servicing / preparation.*

- 1x MDG Atmosphere
- 2x Look Solutions Unique 2.1
- 2x Look Solutions Cobra

### Sound and Comms equipment for Hire

Please check for availability

- 1 x Digico SD10 with T functionality
- 1 x SD Rack populated with analogue mic/line inputs and outputs (On Stage Rack)
- 1 x SD Rack populated with analogue mic/line inputs and outputs and an Aviom monitoring system (Pit rack)
- 2x D&B E8s
- 2x D&B E12s
- Genelec 8020s (powered monitor speakers)
- Genelec 8030s (powered monitor speakers)
- 2x Meyer USW powered subs
- 8x Meyer UPA 1-c speakers

Various boom mic stands, low stands, clamp mic arms and quick-lok round base straight stands (pump)

- 20x RAT stands
- 1x Grand Opera RAT conductor's stand
- 10x Clearcomm Free Speak II digital wireless comms packs

Various microphones and radio microphones available on request