



THE LOWRY

Technical Specification

Studio 1

The Lowry
Pier 8
Salford Quays
Manchester
M50 3AZ

Get In

1) Via Small Goods lift (Street Level) dimensions 1.10m (W) x 1.10m (L) x 2.10m (H)
2) Via Goods lift dimensions 2.5m (W) x 4.0m (L) x 3.0m (H) and along a corridor minimum dimension 1.27m (W) (Gap between handrails 1.06m) x 2.04m (H)
Vehicle access via Loading Bay 3. Once unloaded vehicles must be moved offsite. If you require parking for the duration of your stay this must be confirmed with the Technical Department. We do not offer parking for members of cast or crew.

Stage Area

Studio 1

Type of stage: End, Thrust, Promenade, Flat floor and In-the-round. No proscenium. Max depth in End Stage format = 6m with 3 front rows or 4m with 5 front rows & 9m without front rows, max width = 10m

There is a swiped full black with 2 drapes. Entrances are USL & USR, please note USL entrance is also a public fire exit and stage sets must give clear access across the performance space to this door.

The stage floor is 0.8m down from the floor level, there is one set of treads which also acts as a fire exit and a Mobilift portable wheelchair lift with 250kg max capacity. Clear height to under truss: 4.2m with additional 0.5m clearance through truss in some areas.

Stage floor flat: 1m x 2m Vario Airstage stage units finished in black stained 18mm plywood.

Standard floor configuration the stage surface is covered in black marley dancefloor.

No floor fixings are permitted into the marley floor. If marley is removed, fixings are to be kept to a minimum & are at the technical department's discretion – max size of fixing is a No.8/4.5mm Screw. Costs apply for the removal & reinstate of the marley floor.

PLEASE NOTE THAT DUE TO A VOIDED FLOOR PYROTECHNICS ARE NOT PERMITTED IN THE STUDIO.

Seating capacity

End stage 140 (170 with Row DD & EE added)

Other formats by arrangement pre-sale only

Thrust stage	168
Flat Floor (10m x 11m performance area)	100
Traverse	198
In the round	218

The Studio floor has 55, 2m x 1m Airstage units, a bleacher-seating unit & loose seating which allows the space to be configured into various seating formats. Formats other than End Stage must be confirmed at contract stage and are subject to staffing costs. This must be agreed at contract stage.

Stage capacity

25 when in standard configuration.

Control Position

Located at the rear of the bleacher seating. Both LX & Sound Desks are next to each other auditorium right.

Backstage accommodation

Dressing rooms

Ground floor:	Dressing room 1	4 with shower
	Dressing room 2	4 with shower +WC

There are two Classrooms that are sometimes available as additional 'Chorus' Rooms. Please check with the Programming team for availability.

Wardrobe

The Studio is equipped with a domestic washer / dryer and located in the dressing room corridor. We do not supply consumables.

Rigging

The space has a 6.5M x 10M Tomcat truss suspended on 6 x 500kg Lodestar hoists over the performance area. The maximum loading of this truss is 30kg per meter and a total UDL of 1500kg. The fixed lighting rig, speakers & masking has an approximate loading of 1200kg. Additional suspended items are limited to a maximum 300kg. There is no counterweight, hemp, winch, or powered flying for use during shows.

Masking

Tracked black serge drapes on both sides and rear of the performance space.
Black serge Legs USL & USR to create entrances (End stage format)
1 Full width white cyclorama 4.1m drop x 8m width.

It is not possible to create winged entrances in the space due to sightlines.

Access equipment and rigging accessories

1 x Set 9 tread Zarges.
1 x A Frame ladder

Licensing Requirements

All scenic elements must be made from non-combustible material and/or inherently flame-retardant fabrics. Timber scenery should meet Class 1 when tested in accordance with BS 476 Pt 7. The scenery should be visibly stamped to this effect or its standard should be supported by suitable certification.

Temporary Electrical Supplies

Rear stage 1 x 63ATPN BS 4343 socket

Clean earth supplies for sound:

Rear stage	63A	SPN	BS 4343 socket
Adjacent to all sound boxes	20A	SPN	BS 4343 Powercon
Amp room	32A	SPN	BS 4343 socket

Stage Lighting Control

Console: ETC Ion with 2 x 20 fader wing; 2 x 23-inch display

House lights are controllable from the LX desk or a Strand Lighting Outlook station.

Dimmers

Strand LD90 72 x 2.5kw, (48 patch ways over stage/12 USR and 12 FOH)

DMX and Ethernet System and Patch

The studio does not have desk controllable non dims but independent hard power is patchable to the spare sockets.

Lantern Stock

Studio 1 has a fixed LX rig of LED and conventional washes and specials. PDF LX plans are available.

Anything added to the truss MUST be agreed prior to the get in and MUST NOT exceed the maximum load of the truss.

Please note, a recolour and/or standard focus may be required as part of your get-in & set-up.

Units may be re-rigged or substituted (within the maximum load), however, any that are MUST be reinstated as part of the get-out. Please note - the rig does have to be refocused as part of that work.

Profiles

4 x	SL 15/32	600W (FOH rig)
6 x	Strand S/L 23/50	600W (Stage rig)
6 x	ETC S4 LUSTR 2 50°	LED (Stage / FOH rig)
6 x	ETC S4 Junior 25/50	575W (FOH rig)
2 x	ETC S4 Junior 50°	575W (Stage rig)

Fresnels / PC's

12 x	Selecon Rama	1.2KW (6 Loose stock)
6 x	CCT Minuette Fresnel	500w (Loose stock)

Par-Cans

8 X	Short Nose Par 64 C/W CP88 MFL lamp	500W
2 X	Pairs M16 12-volt birdies	75W
8 X	ETC ColorSource Par with Narrow Oval	100W (8 in Stage rig)
6 X	ETC ColorSource Par with Wide Oval	100W (6 in Stage rig)

Movers

4 X Rogue R2X Wash 344W (Stage rig)

No Followspot

Various stands/scaff/cables/multicores etc.

Visiting companies must supply their own gel though a small stock of Pre-cut colour is available FOC any colour cut from stock will be recharged to the production.

Sound and Communications

Audio tie line infrastructure

Audio tie lines terminating on amp room audio Jackfield, terminating on multi-pin sockets in the rear auditorium and USR & MSL.

Loudspeaker line infrastructure

Loudspeaker lines on NL4 sockets terminated on audio rack loudspeaker patch.

Sound mixing console.

Yamaha DM3 Digital console

Loudspeaker system

- 2 x D&B E12 Full range speakers (truss rigged)
- 2 x D&B E12 Full range speakers (truss rigged)
- 2 x D&B E15X Sub speakers
- 2 x D&B E6 front fills (attached to subs by short polls)
- 4 x D&B E6 Flown delays speakers (truss rigged)
- 3 x Tannoy i8 speakers for FX/monitors
- 2 x Tannoy T12 speakers for FX/monitors

Outboard equipment

1 x MacMini Running Q-Lab 5 & Focusrite Scarlett 18i20 3rd Gen 18-In/20-Out Audio Interface

Microphones

- 4 x Shure Beta 58
- 2 x Shure Beta 57
- 4 x Sennheiser e614 condenser microphone
- 4 x Active DI boxes

A selection of cables, connectors & stands etc.

Additional microphones & sound equipment are available from central stock please contact us for details & availability.

Radio microphones (Subject to availability and a hire cost)

- 2 x Shure ULX-D 4-way receiver racks
- 2 x Shure ULX-D Handheld radio mics with SM58 or SM58 Beta
- 2 x Shure ULX-D Handheld radio mics with SM58
- 6 x Shure ULX-D body pack
- 6 x Shure MX 185 clip mic heads
- 6 x DPA 4061 clip mic heads
- 6 x DPA 4066 head mics
- 2 x Shure GLX-D 2.4Ghz SM58 systems (Suitable for Q&A; God Mic use etc)

Please check with the technical department for frequencies available for toured equipment. Please note we hold a venue licence for shared channel 38 but this may be allocated to another production. Please be advised that Media City is located next to our venue and uses some Channel 38 radio mics, we would always recommend using site specific licenced channels where possible. We hold 23 spot frequencies on channel 40-45 which are allocated to our own theatre radio mics & corporate AV department radio mics. By request 5 of these frequencies are available for tour use. On occasion we are able to release spot frequencies held for house equipment to allow tours to book whole blocks of channels. This must be agreed in advance and requires us as the venue to authorise their release to OFCOM :

626.000(40); 626.600(40); 630.850(41); 636.600(41); 638.200(42)

Specific frequency allocations MUST be approved in advance of arrival to avoid issue with other productions & events taking place at the same time. The Lowry will not permit the use of radio equipment without this advanced detailed notice.

Audio show relay system & Stage Management

Show relay to backstage dressing rooms and classrooms.

There is no paging facility in the Studio.

3 pin Cue light tie lines for touring systems are available, there is no prompt desk or cue light equipment.

Ring intercom

3x Tech Pro system

AV Equipment

Studio 1 has a Panasonic PT-RZ570 normally rigged on the truss for front projection onto the Cyc. Use of the projector incurs a small hire charge POA

1 x MacMini Running Q-Lab 5 & Focusrite Scarlett 18i20 3rd Gen 18-In/20-Out Audio Interface

Backstage Accessibility

- Accessible entry is via an access lift located at Stage Door.
- All dressing rooms in the Studio Theatre have accessible showers and toilets.
- The stage areas are fully accessible from backstage via a manual lift..
- Disabled parking is available on the service road.

Technical Contacts

The Lowry Theatre
Pier 8
Salford Quays
M50 3AZ

Administration	0161 876 2020
Stage Door	0161 876 2107
Box Office	0161 876 2000
Security (24hrs)	0161 876 2111

Please can all advance show information be sent to Phil Maxim.

Head of Technical Theatre

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