



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 1.6m (W) x 2.04m (H)

Stage Area

Studio 1

Type of stage: End, Thrust, Promenade, Flat floor and In-the-round. No proscenium. Max depth in End Stage format = 8m with 3 front rows or 6m with 5 front rows & 11m without front rows, max width = 10m

Entrances are USL & USR masked with a leg, please note USL entrance is also a public fire exit and sets must give clear access across the performance space to this door.

Clear height to under truss: 4.1m with additional 1/2m clearance through truss in some areas.

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

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

A series of fifty five 2m x 1m Airstage units, a bleacher-seating unit & loose seating reconfigure the theatre for the various seating formats. Staging formats other than End Stage are subject to staffing costs to reconfigure the space & require a separate crew call to the fit-up & get-out.

Control Position

Located at the rear of the bleacher seating. sound on stage left, lx on stage right, note - this is not an enclosed control room.

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.

Backstage cafeteria / green room at first floor level.

(Please advise of any special catering needs so arrangements can be made with our catering department)

Rigging

The space has a 7M 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 should be made up 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 it's 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; 1 x 23inch touch screen, 1 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 & WYSIWYG 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 not have to be refocused as part of that work.

Profiles

4 x	Cantata 18/32	1200w (FOH rig)
10x	Cantata 26/44	(Loose stock)
6 x	Strand S/L 23/50	(650w (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 (Stage rig / 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)

Floods

5 x	Strand Coda 4 cell	300w(Loose stock)
-----	--------------------	-------------------

No Follow spot

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 QL5 Digital console with Rio stage box

Yamaha LS9/16 Digital console can link with Rio
Allen & Heath Mix Wizard 14:4:2 10 mic channels/2 Stereo Channels

Loudspeaker system

2 x D&B Ci6 Full range speakers (truss rigged)
2 x D&B C6 Full range speakers (truss rigged)
2 x D&B Ci7 Sub speakers
4 x D&B E6 Flown infill speakers (truss rigged)
3 x Tannoy i8 speakers for FX/monitors
2 x Tannoy T12 speakers for FX/monitors

Outboard equipment

1 x BSS FCS966 Opal 1/3 graphic
1 x Numark CDN-22MK4 twin Compact disc –player
1 x MacMini Running Q-Lab 3

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

Video System

BNC 75ohm patching system with distribution no camera or monitors available

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 3
1 x PC running Windows 7 with PowerPoint

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

Phil Maxim

Direct Line

0161 876 2073

Email

phil.maxim@thelowry.com

Technical Manager

David Clare

Direct Line

0161 876 2047

Email

david.clare@thelowry.com

Technical Manager

Adam Fuller

Direct Line

0161 876 2053

Email

adam.fuller@thelowry.com

Technical Manager

Andy Meyers

Direct Line

0161 876 2108

Email

andrew.meyers@thelowry.com

Technical Manager

David Wimpenny

Direct Line

0161 876 2170

Email

david.wimpenny@thelowry.com

