

Detailed venue plans & sections can be obtained from Model Box telephone: 01837 54026 or buy online at www.thelowryquaystheatreplan

Get In

Under cover loading bay for three trucks maximum trailer height 4.5m (14ft 6inch)
(2 for the Lyric Theatre and 1 for The Quays Theatre)
Bay dimensions: 10.5m (W) x 15.0m (D) x 4.5m (H)
Trucks load through the goods lift or into scene dock located to the rear of the Lyric stage, then through Quays scene dock to Quays stage.(Access via The Lyric is dependant on the shows in that spaces allowing access)
Loading bay floor level to scene store floor level: 1.2m – Dock levellers installed.
Dimensions of dock doors: 6.3m (W) x 3.1m (H)
Lyric scene store dimensions: 20m (W) x 15m (D) x 10.5m (H)
Dimensions of opening from Lyric scene store to Quays scene store: 2m (W) x 3m (H)
Quays scene store and stage separated by a pair of hinged doors, 4.1m (W) x 5.2m (H) located centrally at the rear of the stage.
Goods lift, dimensions 2.5m (W) x 4.0m (L) x 3.0m (H) the exit door on the Quays dock side is 2.4m x 2.4m

Stage Area

Type of stage: End, Thrust, Promenade flat floor and in the round. No fixed proscenium.
Depth of stage from stage edge to rear stage wall: 10.2m
Adjustable proscenium formed from sliding side panels and a flown header.
Maximum width of stage: 20m (wall to wall)
(Normal “end on” playing area is 8m deep x 10m wide. Pros opening can be set between 9m – 11m, max height of pros – 7.5m)
Clear height to under grid: 9.80m
Flying height of bars 9.38m
Clearance under fly floors: 7.5m
Stage floor flat. English oak T&G stained dark. **Fixings into the floor are to be kept to a minimum & are at the technical departments discretion – max size of fixing is a No 8 Screw**

Seating capacity

473 End stage (with no extension & Rows A & B)
441 End stage (with extension)
400 Thrust stage
280 Flat Floor (Promenade) *Restricted view seats vary with format*
364 Long traverse
437 Short traverse
441 In the round

A series of five lifts and associated seating wagons reconfigure the theatre for the various seating formats. Lifts finished as stage floor surface. With lift no.1 lowered, 10 – 20 musicians can be accommodated in the pit. Please note musicians only available in ‘End Stage’ configuration. Staging formats other than End Stage are subject to staffing costs to reconfigure the space.

Control suite

Located at the third floor tier level with access to lighting bridges, dimmer room and audio rack room. Lighting control, and followspots are also located here.

Main sound position is rear auditorium. Audio ties available in control room for small desk.

Backstage accommodation

Dressing rooms

Stage level:	Dressing room 14	3 max
	<i>This is normally used as a visiting company office and has a metered telephone point telephone number - 0161 876 2118 internet access is available charges for the phone & internet apply.</i>	
	Dressing room 15	5 with shower
	Dressing room 16	5 with shower
	Dressing room 17	5 with shower
First floor	Dressing room 18	8 with 2 showers
	Dressing room 19	8 with 2 showers
	Total	32

Wardrobe at first floor level access via goods lift. Lift dimensions 2.5m (W) x 4.0m (L) x 3.0m (H) and includes industrial washing machines, dryer, irons and ironing boards.

Visiting company office at ground floor level. With 1 metered telephone points desk and 13 amp power. Broadband internet access is available and a charge for use applies.

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 and flying

Flying system: Stage left. Suspension grid (**no full flying height please see above dimensions**)

39 single purchase counterweight sets

13.5m bars at 200mm centres on five lines

35 cross stage rated at 350kg UDL

2 up-down stage (CW's 36 & 37) rated at 300kg UDL

CW's 38 & 39 are sets diverted to pick up over auditorium area rated at 300kg UDL

Grid surface extends over auditorium.

Grid structural loading capacity: 2.5 kN/sq.m

Note First useable LX bar is CW2 . The last *proper* flying bar is CW34, as CW 35 is under a walkway and is not suitable for LX or toured scenic items –please refer to flying plot

Masking

An adequate stock of black serge masking is available

Note: Leg Drop 8.5m
Borders 14.5m wide
Cyc 13m x 9m
Black gauze 13m x 9m
White gauze 13m x 9m

Full tracked blacks on wings & US of CW 34 to form black box

Access equipment and rigging accessories (shared with The Lyric Theatre)

1 powered personnel lift, platform height 7.5m working height 9.5m,

1 powered personnel lift, platform height 6m working height 8m,

1 Large Tallescope platform height 7.5m working height 9.5m, (normally allocated to The Lyric Theatre)

1 Medium Tallescope platform height 5.9m working height 7.9m, (normally allocated to The Quays Theatre)

Stepladders, hand trucks etc. Please call the technical dept. for full details.

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

Gallery stage right	1 x 32ATPN	BS 4343 socket
Gallery stage right	2 x 63ATPN	BS 4343 socket
Dimmer Room FOH (Supply shared with main dimmers)	2 x 125ATPN	BS 4343 socket

Clean earth supplies:

Down stage right	63A	SPN	BS 4343 socket
Adjacent to all sound boxes	13A	SPN	BS 4343 twin sockets

Stage lighting

Lanterns are shared between 3 theatres & must be booked in advance. The Lyric & Quays Theatres come with a standard FOH rig, cyc floods and followspots. Charges apply to some items, which are marked POA. **N.B.** Lighting equipment must be rigged & de-rigged for each show the only fixed element of the lighting system is the standard FOH rig & Follow-spots.

Control

Lighting console located in control room, on the third tier

Console: Strand 530i with Genius, Networker and Tracker software, 800 channels.

Back up: Strand 510i.

House lights and working lights are controllable on an AMX system & as DMX channels from the lighting desk.

Dimmers

LD90. 198 x 2.5kw, 14 x 5.0kw of which 66 are exclusively over the stage area

DMX distribution system and patch

Building wide Howard Eton DMX and Ethernet System and Patch including fibre optic link between the two theatres.

Please note all overhead dimmer outlets are via SOCAPEX connection

Lantern Stock

Permanent FOH Rig

14 x Cantata 11/26	1.2kw	12 on bridge two & 2 in front of control suite
26 x Cantata 18/32	1.2kw	12 on bridge one & 8 on side positions 6 in front of control suite
2 x Freedom Fresnel	600w	tab warmers on the back of bridge one

Profiles

36 x	Strand SL 15/32	600w
12 x	Strand SL 23/50	600w
8 x	ETC S4 19deg	750w
16 x	ETC S4 26 deg	750w
8 x	ETC S4 36deg	750w
4x	Strand Cantata 11/26	1.2kw
12x	Strand Cantata 18/32	1.2kw
3 x	Strand Cantata 26/44	1.2kw

Fresnels / PC's

20 x	Alto Fresnel	2.5kw (normally allocated to The Lyric Theatre)
12 x	Alto Fresnel	2 kw (normally allocated to The Quays Theatre)
18 x	Alto PC	2.5kw
90 x	Cantata Fresnel	1.2kw
38 x	Cantata PC	1.2kw

Par Cans

90 x Par 64 (52 xCP62: 24xCP61: 6xCP60; 8 x CP62 scroller cans)
12 x Par 64 CP61 (mounted on 2x 6way bars)
6 x Par 64 CP60 (mounted on 1x 6way bar)
24 x Par 64 floor cans (10xCP62: 10xCP61: 4xCP60)
4 x Bars of 6 Par 64 CP62
12 x Barn doors
42 x CE source 4 Pars (24 mounted on 4 x6 way bars) 575w
8 x Barn doors

Floods

6 x Thomas 4 cell ground row	1kw
6 x Thomas 4 cell Flood battens	750w
16 x Coda 1	500w
10x Nocturne 1	1kw

Followspots

2 x Selecon Performer 1200 MSR followspots

Moving Lights POA

4 x Martin MAC 250 moving head profile
6 x Martin MAC 500 moving head profile
8 x Martin MAC 600 moving head fresnel/wash lamp

Miscellaneous items POA

1 x MDG Atmosphere haze machine
1 x Look Solution Unique 2 haze generator
2 x Look Solution Viper NT fog generators
1 x Look Solution Tiny C07 small battery-driven fog generator
2 x 16inch mirror balls
1 x Anytronics DMX strobe
2 x Thunderdroom 3000 DMX strobe
1 x 6 way Le-Maitre Pyro firing unit
1 x Bomb tank
10 x Le-Maitre pyro firing pods – 2 x angled pods
Various birdies
Various stands/cables/multicores etc.

Visiting companies must supply their own gel though a small stock of pre-cut colour is available FOC

Sound and communications

Audio tie line infrastructure

Audio tie lines terminating on control room audio jackfield. 48 way starquad audio tie line loop, terminating on multi-pin sockets in the control room, rear auditorium and DSR, to enable the mixing console to be located in these positions.

Loudspeaker line infrastructure

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

Sound mixing console

Soundcraft Series 5

24 mic channels /4 Stereo channels/8 Sub groups/10 VCA/12 Aux busses/
16x10 matrix output/

Console is normally located centre, to the rear of the auditorium.

Installed loudspeaker system (Suitable for spoken word, theatre playback, comedy, jazz & folk music; For band gigs we would recommend the hire or supply of additional Left/Right PA)

4 x Meyer UPA 1C, Mounted left & right at stalls and Tier 1 levels

2 x Meyer USW at stalls level

2 x Meyer UPA 1P self powered speakers mounted as a central cluster in front of the proscenium header

Loudspeakers non-installed must be booked in advance POA

(This equipment is shared between 3 theatre spaces corporate facilities & must be booked in advance)

Foldback / effects:	12 x Tannoy T12 6 x Nexo PS-15
Extra Sub bass	2 x Nexo LS-1200
Compact loudspeakers:	2 x Galaxy Hotspot
Control units:	Tannoy TX2
Power amplifiers: Lab Gruppen	1200C

Outboard equipment

2 x BSS FCS-966 Two channel 1/3 equaliser
1x BSS DPR 404 four channel Compressor/De-esser
1 x Lexicon PCM-81
2 x Denon DN-1050 Mini-disc player/recorder with hot start
1 x Neumark Twin Compact disc –player

All the above housed in rolling rack.

Extra outboard equipment available POA

(This equipment is shared between 3 theatre spaces corporate facilities & must be booked in advance)

3 x BSS FCS-960 Two channel 1/3 equaliser
1 x BSS DPR504 Four channel noise gate
1 x TC electronic D-Two Delay
1 x Yamaha SPX2000 Digital effects
1 x Yamaha SPX990 Digital effects
4 x Drawmer DL251 Two channel Spectral Compressor
2 x Tascam DA40 DAT recorder
2 x Tascam 122 MkIII Cassette recorder
1 x Roland RD-700 Electric piano

Microphones

(This equipment is shared between 3 theatre spaces corporate facilities & must be booked in advance)

16 x Shure Beta 58
4 x Shure 58
8 x Shure Beta 57
2 x Shure 57
2 x Shure Beta 87
5 x Sennheiser MKH40
2 x Sennheiser MKH60
2 x Sennheiser MKH70
4 x Sennheiser Evo drum mics
8 x Crown PCC160
1 x AKG 414B-ULS
1 x AKG 414B-XLS
9 x AKG CK93
4 x Beyer 201
2 x Beyer M1 switched microphone
2 x Beyer M88
1 x Beta Shure 52
8 x BSS Active DI

Stands, cables, connectors etc.

Radio microphones

The Lowry Technical Department does not own any of their own radio mic's or IEM's. Please contact the Technical Department for hire options

Please check with the technical department for frequencies available in the building, please note we hold a venue licence for shared channel 38 & 69 but this maybe allocated to another production also please be advised that Media City is located next to our venue and uses Channel 38 radio mics. We also hold 12 spot frequencies on channel 65 which are allocated to our corporate AV department, by request some of these frequencies maybe available.

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

Stage managers desk

Mobile desk connects either stage left or stage right, paging control and two-channel intercom master station & cue light control, patchable system with boxes normally located at LX control, sound control & fly floor please check for availability of Q-lights boxes and. Desk equipped with colour and black & white video monitors.

Ring intercom

Clear-com 2 channel system with outlets on sound boxes. Single channel belt packs and headsets. Coms are normally located at LX control, sound control, fly floor, follow-spots, Stage Mangers desk.

Please check for availability of additional sets.

Video System

A full BNC 75ohm patching system with distribution is available.
2 video cameras: 1 x colour, 1 x B/w pit camera

Infrared listening system

Two channel Sennheiser infrared listening system suitable for use by hearing impaired persons.

Audio show relay system

Full show relay and call system to backstage areas

Additional AV Equipment

Additional AV equipment including video projection, OHP's, screens and flipcharts etc are available for hire. Please contact us for further details

Front of Stage	From front	From Tabs	Description
Track	0.8	0	House tabs
1	0.9	0.1	Normal LX 1 Bar
2	1.25	0.45	
3	1.45	0.65	
4	1.65	0.85	
5	1.85	1.05	
6	2.05	1.25	
7	2.25	1.45	
8	2.45	1.65	
9	2.65	1.85	
10	2.85	2.05	
11	3.05	2.25	
12	3.25	2.45	
RSJ			
13	3.85	3.05	Normal Back Light LX bar
14	4.05	3.25	
15	4.25	3.45	
16	4.45	3.65	
17	4.65	3.85	
18	4.85	4.05	
19	5.05	4.25	
20	5.25	4.45	
21	5.45	4.65	
22	5.65	4.85	
23	5.85	5.05	
RSJ			
24	6.45	5.65	Normal Cyc flood bar
25	6.65	5.85	
26	6.85	6.05	Normal Cyc Bar
27	7.05	6.25	
28	7.25	6.45	With Full blacks
29	7.45	6.65	
30	7.65	6.85	Under Walk Way Max fly height 6m
31	7.85	7.05	
32	8.05	7.25	
33	8.25	7.45	
34	8.45	7.65	
Track	8.9	8.1	
35	9.75	8.95	
Back Wall	9.95	9.15	