

Sound and communications

Audio tie line infrastructure

48 way starquad audio tie line loop for microphone circuits, terminating on 3 x 16 way multipin sockets at each stage corner, orchestra pit, sound control room and mixing location centre stalls.

32 way starquad audio tie line loop for output/return circuits, terminating on 2 x 16 way multipin sockets at the sound control room, mixing location centre stalls, audio rack room, communications rack room, stage left and right touring sound location.

Loudspeaker line infrastructure

Bi-amped loudspeaker lines on NL4 sockets to stage, sub-stage, pit, fly galleries, proscenium slots. Non bi-amped loudspeaker lines to side and rear auditorium at all levels and to under balcony delay locations. Loudspeaker lines terminate on loudspeaker patch in comms rack room, with bi-amped lines to off stage left and right touring sound locations.

Sound mixing console

Soundcraft Series 5

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

Console is located in the sound control room to the rear of the stalls level. Room is open to auditorium/no window. A further position is available immediately in front of the control room. Dimensions for this auditorium position 3.5m X 2.7m. **This position is subject to management agreement & must be agreed at contract stage as seats need to be removed.**

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 or flown PA)

| | |
|--|----------------------------------|
| Proscenium sides: | 6 x Meyer UPA-1C |
| Sub bass: | 2 x Meyer USW-1 |
| Front fills, stall side fills, 2 nd tier delay: | 20 x Meyer UPM-1 |
| Central cluster: | 4 x Meyer UPA-1A |
| Stalls & Circle Delays | 16 x D&B E6 |
| Loudspeaker system processing: | Meyer M1A/B-2EX/P-1A A&H iDR8 |
| Power amplifiers: Lab Gruppen | 1300C 1600 1200C |
| D&B | D6 |

Loudspeakers non-installed (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 | 2x Nexo LS-1200 |
| Compact loudspeakers: | 2 x Galaxy Hotspot |
| Control units: | Tannoy TX2 |
| Power amplifiers: Lab Gruppen | 1200C |

Outboard equipment

1 x PC with control of iDR8 processor & EQ for FOH system
2 x Denon DN-1050 Mini-disc player/recorder with hot start
1 x Neumark twin Compact disc –player

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)

9 x Shure Beta 58
8 x Shure 58
4 x Shure Beta 57
6 x Shure 57
2 x Shure Beta 87
6 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
8 x AKG CK91
3 x Beyer 201
2 x Beyer M1 switched microphone
2 x Beyer M88
1 x Beta Shure 52
10 x BSS Active DI

Selection of stands, cables, connectors etc.

Loudspeaker & Floor Mounted Equipment.

The visiting producer shall ensure that the location of speaker stacks where possible are located upstage of the fire safety curtain, and that if speakers must be located beyond this point that they are securely fixed, do not obstruct sightlines and provide a minimum of 3m separation to the nearest seat which will require the removal of seats prior to the engagement.

In all circumstances no equipment shall obstruct the fire safety curtain.

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 four-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 two colour and one black & white video monitors.

Ring intercom

Clear-com 4 channel system with outlets on sound boxes. Main and back up power supply. Single channel belt packs and headsets. Comms are normally located at LX control, sound control, fly floor, follow-spots, Stage Mangers desk & 4 onstage sets.

Please check for availability of additional sets.

Video System

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