

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 coms rack room, with bi-amped lines to off stage left and right touring sound locations.

Sound mixing console

Yamaha QL5 Digital Console with RIO 3224D stage box

Subject to availability alternative house consoles are:

Soundcraft Vi3000 Digital Console with digital stage box

Yamaha LS9-16 Digital Console

Soundcraft Series 5 24 mic channels /4 Stereo channels

Allen & Heath Mix Wizard 14:4:2 10 mic channels/2 Stereo Channels

The console is normally located in the sound control room to the rear of the stalls level. The room is open to the auditorium with no window. A position is available immediately in front of the control room on request, dimensions for this auditorium positions are 3.6M X 1.75M (large), 2.3M x1.75M (small) this does result in a loss of seating capacity.

This position is subject to management agreement & must be agreed at contract as seats need to be removed from sale.

Installed loudspeaker system

(Suitable for spoken word, theatre playback, comedy, jazz & folk music; for music gigs we would recommend the hire or supply of additional Left/Right or flown PA; these costs are re-chargeable)

Loudspeakers installed

Loudspeaker system processing: A&H iDR8/16

Proscenium:	6 x Meyer MSL2-1C	4 inputs Stalls L/R, Circle & Tier L/R
Side fill:	2 x Meyer UPA-1C	2 input L&R
Stalls Sub bass:	2 x D&B B22	1 input
Upper Circle Sub bass:	2 x Meyer USW-1	1 input
Front fill:	6 x D&B E6	2 inputs Inners & outers
Stalls Delays:	8 x D&B E6	2 inputs Inners & outers
Circle Delays:	8 x D&B E6	2 inputs Inners & outers
3 rd Tier Delay:	7 x Meyer UPM-1	1 input
Central cluster:	4 x Meyer UPA-1A	2 inputs upper & lower

(2 additional MSL2's can be added to the stalls for additional level & coverage)

Loudspeakers non-installed (Subject to availability & a hire cost; up to 4 wedges are included per venue)

Foldback / effects:

6 x APG DX12 (can run as 6 mixes) (No flying frames) (Speaker stand compatible)

8 x APG DX15 (can run as 8 mixes) (No flying frames) (Speaker stand compatible)

8 x Nexo PS-15 (can run as 6 mixes; 6 flying frames available)

2 x Meyer UPA 1P (Self Powered; No flying frames)

4 x Meyer UPA 1C (can run as 4 mixes) (flying frames available)

Extra Sub bass 2x Nexo LS-1200 (can run with PS15 as Drum fill or extra FoH)

Outboard equipment

1 x PC with control of iDR8 processor & EQ for FOH system

1 X Mac Mini with Q-Lab 3 & Saffire PRO 40 Focusrite sound card

1 x MacBook pro with Qlab 3 (poa)

1 x Neumark twin Compact disc –player

Microphones

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

8 x Shure Beta 58

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4 x Shure Beta 57

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2 x Shure Beta 87

5 x Sennheiser MKH40

2 x Sennheiser MKH60

4 x Sennheiser E604 Evo drum mics

8 x Crown PCC160

1 x AKG 414B-ULS

2 x AKG 414B-XLS

8 x AKG CK91

2 x Beyer 201

2 x Beyer M88

1 x Beta Shure 52

4 x DPA 4099 (Classical kit)

2 x Budget switched vocal mics

10 x BSS Active DI

Radio microphones (Subject to availability and a hire cost)

1 x Shure ULX-D 2 way receiver racks

2 x Shure ULX-D 4 way receiver racks

4 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)

Selection of stands, cables, connectors are available.

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 use 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.

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 from sale prior to the engagement.

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