

Jermyn Street Theatre

Technical Overlay

Lighting

The equipment list provided represents the Theatres total lantern stock. Normally all of these lanterns will be available to incoming productions, but please check with theatre staff.

One Pattern 23 is reserved for the theatre's use.

Though the Theatre maintains a basic stock of gel the incoming production is expected to supply any specific colours that they require.

Lighting control is via a Jands Event Plus, which is reliable but uncomplicated. The desk is more than adequate for the Theatres stock and is capable of coping with extra dimmers and moving lanterns.

Two Gelstream Colour Scrollers are available on request, but are generally considered too noisy and unreliable for use in a small venue such as this.

Companies who wish to hire in extra equipment should note that certain makes are prohibited by Westminster Council. It is therefore essential to talk to Theatre staff at the earliest possible time about supplementary stock.

Sound

The primary speaker system comprises of 6 Martin EM15 units and 1 Martin EM150 Bass Bin, with sufficient amps to cover all of the above.

Control is via a 12 mono + 4 Stereo mixer.

Sources as standard include 2 cassette decks. 1 Denon CD player. 1 Sony MiniDisc player/recorder. 4 SM58 cabled mic and 1 Trantec S4000 UHF handheld radio mic.

The theatre is equipped with a complete Induction Loop for the hard of hearing.

The ceiling mounted rifle microphones are part of the induction loop system and may not be moved altered or refocused to the detriment of the system. It is possible to make recordings of shows through this system but they are of a very low quality.

Jermyn Street Theatre. Lighting System Breakdown.

Dimming

The in-house dimming comprises of 36x 2.5kw channels. The racks are 6x Zero88 Betapack 6x10amp Units. Each has 2x 15amp sockets per channel, fuse blown indicator and local channel test control. The dimmers are fed by a 3 phase 63 amp supply. Each dimmer has a single phase feed, isolated at 63amps and connected via a 63amp single phase/N/E Ceeform connector.

Socket Layout

All sockets are metalclad 15amp unswitched and are located as follows:-

F.O.H Bar -	24 evenly spaced
F.O.H under overhang -	4 grouped together
F.O.H floor level-	2 near LX booth
Over stage-	4 evenly spaced groups of 3
US Bar-	24 evenly spaced
Backstage floor level-	6, in 3 pairs. (SR,CS &SR)

Patching

All sockets are internally wired to a 72 way patchway located in the dimmer room. This enables any socket or group of sockets to be operated by any of the 36 dimmer outlets. To a total of 2.5kw per channel. There is also a 15amp mains socket which can be used to send mains power to any unit in the grid. Extra house lighting can be plugged into another socket in the dimmer room which is controlled by the house light dimmer.

Control Desk

Jands Event Plus, 48/96 (wide mode) 2 preset desk with 1000 memories operated via 50 pages of 20 scene masters per page or the cross fade memory(stack) section. In addition the desk can run up to 99 chases of up to 99 steps each.

DMX

The DMX signal runs from the control room to the dimmer room, through the dimmers and up to the grid. There are 4 DMX outlets evenly spaced along the FOH bar with male and female connections. The end of the DMX line is located beside the lighting booth. The theatre has a limited supply of extra DMX cable which is available to incoming productions.

House Lighting

Overstage 6x M16 'Birdie' spotlights and sunken eyeball lamps over the seating provide primary House lighting which is controlled by a Mode Electronics 4 channel digital dimmer, which can also supply any rig socket for additional lighting purposes. The Theatre reserves a Pattern 23 for this purpose. House Lighting may not be coloured, refocused and represents the minimum auditorium level allowed by Westminster council.

Breakdown of Sound System

Replay

2x Denon 720R Cassette player/recorders
1x Denon DN1000F Instant play CD player
1x Sony MDS-JE510 MiniDisc player/recorder

Mixing Desk

Allen & Heath Mix Wizard 14/2/2. The unit is rack mounted with the replay equipment and offers:-

10x mono line or mic input channels.

2x stereo input channels (both with A/B Selection to allow 2 sources to be input into the same channel.) .

6x Auxiliary sends per channel (these can be set to pre or post-fade in groups of 1-4 and 5-6 depending on requirements.) .

4 band EQ per channel (Hi and Low mid are swept).

4x stereo FX returns.

2x Pairs of sub groups.

Comprehensive PFL functions.

EQ

2x Behringer DSP-8000 Ultra curve digital stereo graphics. One with delay functions to drive the main house speakers (inserted into the mix output), and the other to drive the monitor system.

Amplification

All amplifiers are high quality Carver solid state.

1x PM125 for control room monitors

1x PM700 primary flown speakers

1x PM700 for sub bass and flown monitors

1x PM700 for on-stage monitors.

Speakers

All speakers are Martin Em series passive two-way compact cabinets. Primary PA comprises of 6x EM15 75w boxes flown slightly upstage of front of the auditorium. These are a permanent fixture and can not be moved. There is a SB150 sub-bass cabinet, set inside the SL stage wall. We have four extra monitor speakers that can be placed anywhere around the stage. 2x WMM0.5 75w boxes and 2x trapezoidal EM26 125w boxes. All speaker connections are Neutrik NL4 Speakons, wired 1+ as in phase and 1- as out phase.

Microphones

The Theatre has 4x Shure SM58 microphones with a selection of stands and cabling. There is also a Trantec S4000 UHF hand held radio mic available. We recommend the use of UHF radio microphones over the VHF version, which tend towards interference.

Patching

There are two matching panels situated backstage by the SR and SL doorways. A third panel is located in the control room which gives easy access to the mixing desk. Each panel has 16 mic inputs from stage to desk on female 3pins XLR's and 8 tie lines with both male and female 3 pin XLR's. There are 4x NL4 sockets on each panel which are paired together as 1&2 and 3&4. These panels also contains intercom points.

Intercom

There is a two ring system based on the Tecpro configuration. Outlets are for belt pack and head set are located in the two backstage sound boxes and the control room. There are two Loud speaker stations located by the lower level dressing rooms and the administration office. The Theatre has a stock of four, two ring belt packs with single sided headsets. Circuit A runs to the stage outlets whilst B covers the Dressing rooms and the office. A&B are normally linked together. A third, spare ring is available from the control room which can be linked to the other two or isolated via a switch on the power supply itself.