

Athenaeum Tech Spec. 2023

Lighting

Control

We have a network which runs sACN. This controls a sACN node which then splits out via DMX buffers to facility panels around the stage and auditorium

We run the system via Chamsys magic Q desk.

Equipment

- 48 channels of dimming, distributed between auditorium and on stage.
- 4 x Strand Cantata 18/32 1200w
- 2 x Strand Cantata 26/44 1200w
- 2 x Strand Cantata F 1200w
- 2 x Strand Cantata PC 1200w
- 2 x Strand Harmony F 1000w
- 2 x Strand Prelude 16/30 650w
- 2 x Strand Prelude 28/40 650w
- 4 x CCT Minuet 650w
- 18 x Strand Quartet 650w
- 1 x Strand Prelude PC 650w DAD
- 6 x Strand Minims F 500w
- 4 x Strand Coda 3 Cell
- 3 x Strand Coda 4 Cell
- 8 x Parcan black 64
- 3 x Parcan black 56
- 5 x Parcan chrome 56
- 1 x Mirrorball 12"*
- 4 x Mac500 moving heads
- 2 x Robe &00 colour spot
- 4 x Equinox Fusion 260ZR LED moving heads
- 1 x LEDJ Pro Starcloth*
- 1 x Smoke Factory Tour hazer*
- 1 x Low Smoke Machine*

* Indicates available to hire at additional cost

Sound

Control

- Allen and Heath QU32 digital desk with digital stage box. In addition an analogue multicore from stage managers position to the tech box.
- Show relay to the dressing rooms
- Two zone hearing loop in the auditorium

Amps

- 1 x Yamaha P7000 (Main Speakers)
- 2 x QSC 700 (Rear Speakers)

- 3 x Stage Line 500W (Monitor + Balcony Speakers)
- 1 x Stage Line 1400W (Subwoofer)
- 1 x Carver PM700 (Centre Speaker)

Speakers—

- 2 x Yamaha S115V (Main Speakers)
- 2 x Citronic CX-8088 (Balcony Speakers)
- 2 x Citronic CX-8086 (Under Balcony)
- 2 x JBL Control 1 (Rear Above Balcony)
- 2 x JBL Control 5 (Rear Under Balcony)
- 1 x Electro Voice ELX112 (Centre Speaker)
- 1 x Proel Subwoofer (Under Stage)

In house wifi allows remote control of sound and lighting desks via tablets, phone etc.

Rigging

On Stage

- 3 x 9 metre square truss with 1.5 metre drops on both ends. IWB's attached to each truss with socapex to power racks. Also multiple 13amp and 1x 16 power to each truss. DMX at Stage Right end of each truss
- 1 x 7m IWB in proscenium arch. Multiple 13 amp outlets + DMX
- 8 x electrically operated winch bars above stage.

Auditorium

- 2 x 8 metre IWB's with 6 x 15amp sockets either side.
- 1 x 8 metre IWB's with 6 x 15amp sockets main FOH

Projection and media servers

- These are also available to hire at additional cost