

## Head of Lighting and Video

I start at 16.30 on a single show day or 11.30 on a matinee day. I power on the lighting and video system and run a full rig check of everything. With a system of this size this typically takes at least 40 minutes to run through each lighting fixture type and the video checks. Then there is time to make any repairs, or swap any fixtures out that aren't working correctly and test again before the show.

At least once a week normally on a Friday I have a maintenance day. A lighting bar or two at a time is brought in and the lights opened up and cleaned out. This helps ensure they keep working night after night.

The lighting main Lighting rig consists of the following:

- 132 Moving lights
- 31 Led Pars
- 29 Etc. Lustr 2 profile
- 4 Source 4 profile
- 4 Martin Atomic LED Strobes
- 42 RGB LED truss warmers
- 34 LED Strobe Dots
- 2 MDG haze Machine
- 2 Unique Haze machines
- 1 Viper Smoke machine

There are also many practical lamps to look after which are used throughout the show:

- 2 Chandeliers on a flown bar
- 34 Flown Lanterns over 5 different flown bars

All of this is controlled by an ETC EOS system operated from the control room on and ETC GIO. There is over 300 lighting cues in the show. 2 of which are triggered directly from the sound desk via a MIDI command this ensures the lighting happens and exactly the same time as the sound effect.

The Video system is made of 3 LED walls hung upstage with the video content supplied by a Disguise media server with a second one running simultaneously as a back-up. A separate cue list in the lighting desk running alongside the lighting cues sends commands to the Disguise media server so everything can be operated from the same GO button press.

While operating the show I keep watching all of the cues making sure everything is running correctly. If anything happens then I can sneak out a malfunctioning light and reset it and sneak in back into the show at an appropriate moment so it's not noticeable to the audience as much as possible. I also keep an eye on things like haze levels making sure there is not enough or too little. With changes in temperature and airflow this can change over time.