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Continued from July 2012 CTI Newsletter

One Billion People See SHoW DMX Neo Control The Lighting On London's Tower Bridge

When the stakes are high, lighting professionals trust City Theatrical's SHoW DMX Neo.

With over one billion people watching on July 27, 2012, the Olympic torch, travelling by speedboat, passed under London's Tower Bridge on the way to Olympic Stadium and the bridge received a special lighting treatment for this moment.

Adam Bassett designed the lighting for this event. We had a chance to ask a few questions to Jonathan Sellers of [Neg Earth](#).

CTI: Who were the staff on this job?

JS: Adam Bassett design, assisted by Tim Phillips, with Neg Earth crew Jonathan Sellers, Olli Metcalf, Craig Lewis, Simon Lake, and Jon Wood.

CTI: What were the general parameters and design needs for the project (what did you need to do)?

JS: To light up Tower Bridge and to enhance the existing lighting of the bridge for the Olympic torch arrival

CTI: How did you create and document the design?

JS: It was done on AutoCad.

CTI: Were there specific design, budget, time, or physical constraints that you had to work within?

JS: In a public area at busy times of the day. All temporary installation has to be placed and removed every day. It was night shift work.

CTI: Which City Theatrical SHoW DMX products did you use?

JS: We used the SHoW DMX Neo system.

CTI: Did you do any preliminary testing?

JS: We did testing at Neg Earth and on site in the public area.

CTI: How did you set up the equipment? Was there anything special, unique, or difficult about the installation?

JS: Since it was a public area, it was a slow install.

CTI: What fixtures are being controlled?

JS: V13500 Wash, Clay Paky Sharpys, PAR64's

CTI: Where are the Transmitters located?

JS: We put four Transmitters on the Tower Bridge south pier.

CTI: Where are the receivers located?

JS: They are on the north and south embankment, and two on the northwest pier.

CTI: What type of antennas did you use?

JS: Directional +8 dBi

Speaking with Will Wright of Neg Earth:

CTI: Why did you use wireless DMX?

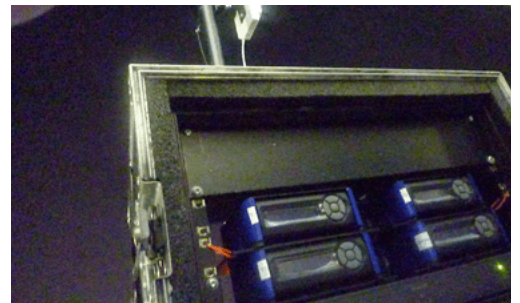
WW: Faced with a massive logistical situation to use existing hard line solutions, wireless DMX proved to be the simplest and most effective way to control the opposing side of tower bridge.

CTI: What was your experience working with SHoW DMX?

WW: From building the transceivers into our control data racks and testing the system in the workshop, SHoW DMX was easy to use and orientated to plug and play, but going further into its bandwidth options there was a lot of room to optimise the system to a specific show.



Night view of Tower Bridge lighting



Tranceiver racks with four universes of wireless data



Outdoor panel antennas



Antenna tower next to Tranceivers