



Case Study

Project	Leeds Castle
Installer	Clever Projections
Product	SNX-8x8
Location	Kent, UK

Smart-e 8x8 matrix chosen for projection mapping at Leeds Castle firework spooktacular due to its mission-critical ability

Smart-e's multi-format distribution matrix, the SNX-8x8, was chosen for its mission-critical ability by architectural projection/visual mapping company Clever Projections when the Kent based firm undertook the projection mapping for Leeds Castle's annual firework event for the second consecutive year.



Held over two nights in early November 2012, and billed by Leeds Castle as a 'spooktacular', the firework extravaganza display was set to Halloween themed music with well-known songs such as Thriller, Goshtbusters and the Bat Out Of Hell. The fireworks were let off from multiple locations including floating pontoons on the Castle's moat and created stunning displays in the night sky which were reflected in the water surrounding the historic castle.

Clever Projections was commissioned to provide the projection mapping for the two-day event, combining the music and ghostly images using multiple projectors and projecting these directly onto the exterior walls of the Castle. To create the right mood for the 'spooktacular', the visuals, music and fireworks all had to be co-ordinated to run in the correct order and in time with each other.

As Keith Burden from Clever Projections said "We chose Smart-e's SNX-8x8 matrix for this project



Leeds Castle Spooktacular

because it is a fantastic piece of kit and additionally gives us a 'back-up' which we piggy-backed to the system, so if something had gone wrong with the main computer we could, simply by flicking a switch, have swapped over to the back-up computer. Fortunately, we rarely need to utilise a back-up and didn't at the Leeds Castle Firework Extravaganza, but we never take things for granted and always want to have a reliable and sturdy system that can be switched quickly to replace the original, should it fall down".

Clever Projections connected two of their bespoke D.B. computers to the Smart-e SNX-8x8 matrix, with each running the same application with four outputs each that fed the matrix and distributed the images to four projectors. The matrix is multi-format and distributes high definition (HD) video and audio signals.



The success of the project impressed Clever Projections so much that they have used the Smart-e matrix for several other high profile projects, including a Christmas event at a royal palace which required the manual manipulation of the wall of pictures when a celebrity came onto stage. As Keith Burden says "The SNX-8x8 from Smart-e is such a flexible tool for us, it distributes high quality AV, is reliable whilst at the same time provides us with a 'quick-switch' contingency plan and gives us the confidence to know that should something fail, we can quickly rectify it in the 'blink of an eye'.

Smart-e is now working with Clever Projections to create additional control features to the matrix that will further enhance the company's projection mapping performances.