

grandMA Case Study

The Police, World Tour 2007



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■ grandMA – total control

The Police

World Tour 2007

– MA Lighting network system controls video and lights during the band's comeback



An MA Network on a fiberoptic backbone is connecting the grandMA consoles, NSPs and media servers with the stage lighting

One of rock 'n roll's most eagerly anticipated comebacks became reality when "The Police" started its international reunion tour 2007. When Sting, Andy Summers and Stewart Copeland went out on the road again after 24 years a complete MA Lighting network system including grandMA consoles, MA NSPs and the software based media server grandMA video accompanies them around the world.

The idea

The intention of lighting designer Patrick Woodroffe and associated lighting designer and also lighting programmer Danny Nolan was, to give the "The Police Tour 2007" an unique touch of old-style and new, to show how the band appeared once before and how they are now. The stage was designed to show the band in a contemporary setting with unobstructed views all around.



The lighting design was a combination of old-style and new

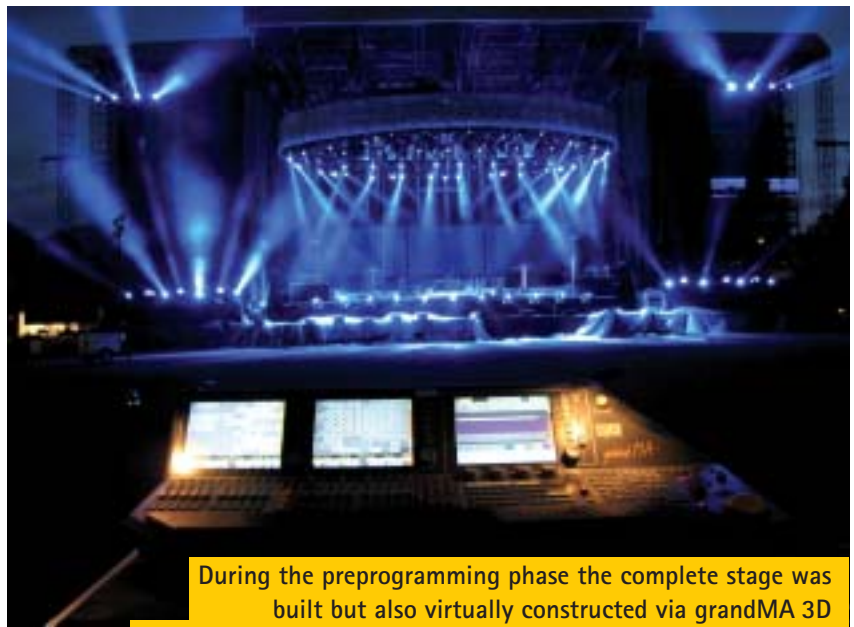
Realisation

Video plays a big role during the show. Three high-resolution Toshiba LED screens display live footage and selected content. 215 x 2m Versa Tubes are mounted to the face of the oval truss above the stage and display different media content. Two PA wings feature 15 x 12m custom low-resolution LED screens from Screenworks and show strong and simple graphic content. One grandMA media server controls the low-res screens, one the VersaTubes while three other grandMA video systems feed the high-res screens. High-res video first passes through video director Kevin Williams's Grass Valley switcher which also sends live feeds and imagery from a Doremi server to the high-res screens. grandMA video offered the possibility to format the Versa

Tubes and the tow side screens as a complete map with images expanding from the middle.

An MA Network on a fibre-optic backbone is connecting the two grandMA full-size consoles, five MA NSPs and five grandMA video media servers, allowing interface with the system at any time. The fibre optic was chosen because of the long distances and to get a reliable fast speed network because of the 100 Mbit/s working speed of the MA-Net. The MA NSPs are installed locally. One is placed at the FOH for audience lighting while the remaining four are positioned backstage. The NSPs make the desk to server system scalable with no extra processing drag on the desk.

During the pre-programming of the show the free grandMA 3D software was used. This gave the programmers the chance to work right from the start with the complete stage view. Also the multi-user mode was a welcome tool. It gave the programmers the opportunity to share the same showfile at the same time by dividing the show into different "worlds".



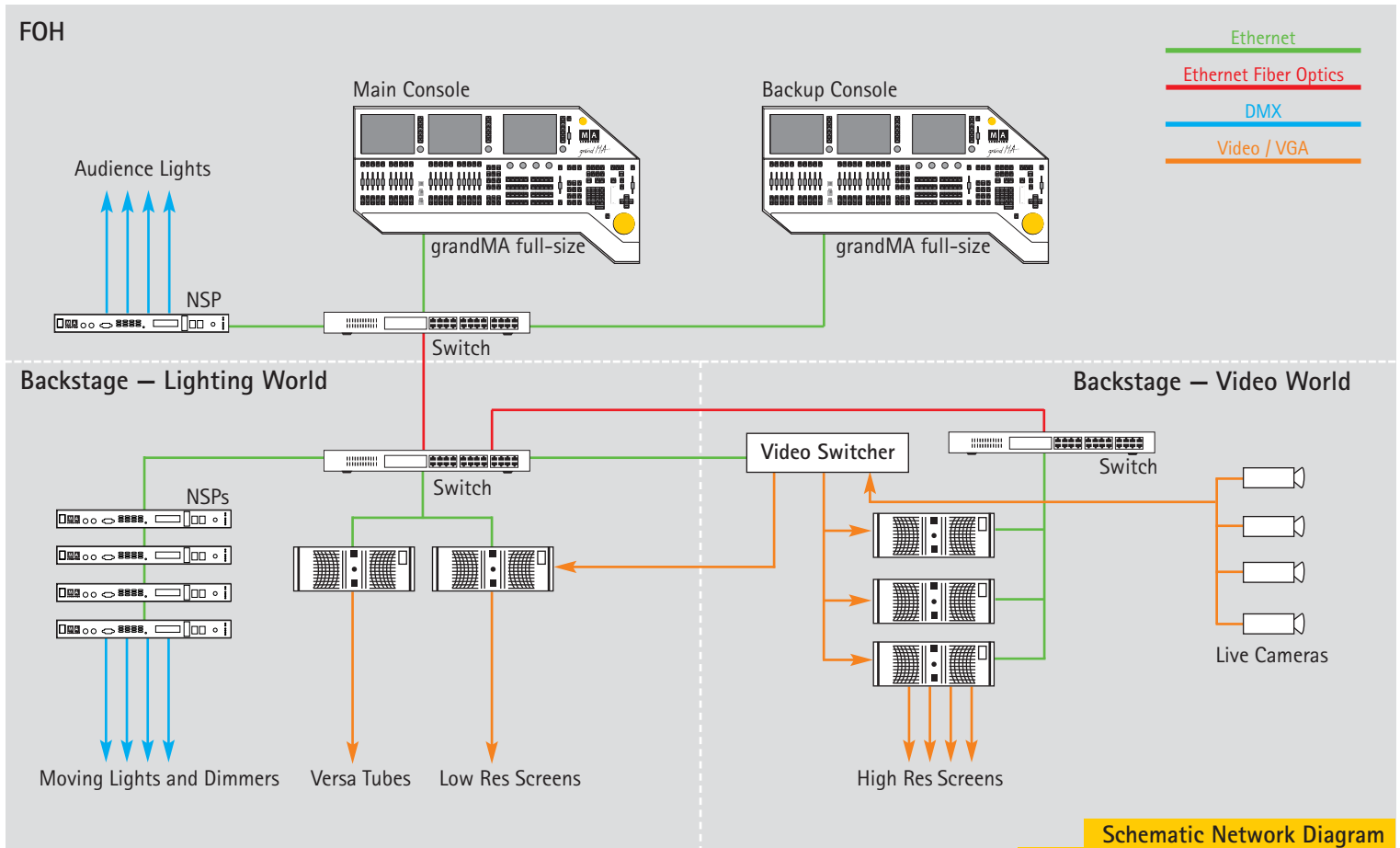
During the preprogramming phase the complete stage was built but also virtually constructed via grandMA 3D



grandMA video media servers control all high-Res and low-Res LED screens

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| Project team | |
|-------------------------------|-------------------|
| Lighting designer: | Patrick Woodroffe |
| Associated Lighting Designer: | Danny Nolan |
| Lighting equipment: | Upstaging Inc. |
| LED video screens: | Screenworks |
| Production manager: | Charlie Hernandez |
| Video director: | Kevin Williams |
| FOH engineer: | Jeff Bertuch |



Schematic Network Diagram

Company Profile

■ MA Lighting International, based in Paderborn, Germany, is the dedicated sales, support and service entity for the renowned grandMA control systems, digital dimming systems, networking tools and media servers of MA Lighting Technology, based near Wuerzburg (GER). The product range offers cutting-edge solutions for control and dimming and contains the award-winning grandMA consoles, the renowned Light- & Scancommander, but also the reliable digital dimmer racks and packs. With its media server grandMA video MA bridges the lighting and video worlds and integrates media servers like a fixture into lighting control.

Today, MA Lighting is well known for its technical know-how and has achieved a unique international reputation for its operational philosophy. The company looks back with 25 years experience. MA Lighting strictly follows a professional user-centric approach and is getting as close as possible to the market via its own international offices as well as competence and support centres in the UK, North America, Latin America, the Middle East/India and Asia Pacific – supported by a world-wide distribution and service network.



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All technical specifications are subject to change without notification.

We do not assume liability for any incorrect information in this case study.