

grandMA

Case Study

Vasco Rossi, Italy



■ grandMA – total control

Italian rocker Vasco Rossi

the voice of conscience

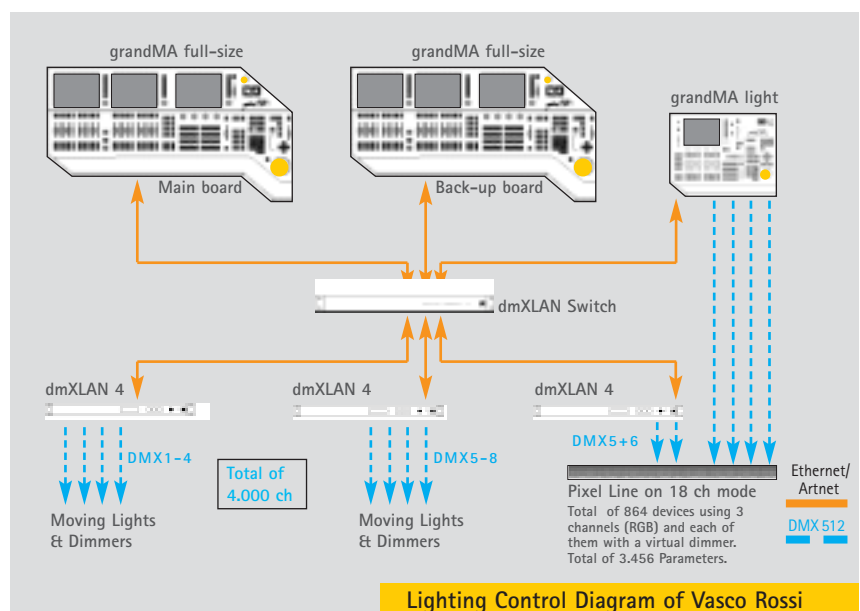
Network including grandMA lighting consoles
for the "Buoni o Cattivi" summer tour



During his summer tour „Buoni o Cattivi“ (The Good or the Bad) between may and july the Italian superstar Vasco Rossi played in sold out stadiums and halls in Italy (e. g. in Rome, Bologna, Verona and Florence). More than 2 years he worked on his new studio album to present the message: "It's dangerous to divide the world into good and bad." To present his meaningful songs in a very special way an impressive lighting concept including a lot of moving lights, LEDs and a total of three MA lighting control desks was created. Giovanni Pinna was the responsible lighting designer.

For the moving lights and dimmers 4000 channels were necessary. Two grandMA full-size consoles, with 4096 parameters each, were integrated in a network. One of these consoles was the main desk whereas the other one was used as backup. In addition one grandMA light (4096 channels) was included especially for the LED technology.

The DMX data from all consoles was sent to a LAN switch (local area network) via Artnet protocol and with the help of the Ethernet technology. As the heart of the network this switch divided the data to further LAN nodes. These nodes changed all the information from the artnet protocol into DMX 512 lines used for more than 270 moving lights and 864 LED fixtures.



„As an alternative to the LAN nodes we could also use network signal processors (NSP) to increase the performance of the complete system. The NSP itself is able to take over the calculating capacity of the console and therefore enables e.g. a real-time operation in a faster and synchronous way“, explained Oliver Rump, Lightpower’s MA expert. Using NSPs could have meant a tenfold speed increase of the data transfer, as in this case the speed of the artnet protocol was only 10 mbit/sec. On the contrary using the MA-net protocol would mean a transfer time of 100 mbit/sec as well as a synchronous DMX output.

The company Limelite, Rome, provides the complete lighting equipment from their rental stock. Two of the grandMA consoles came from MA Lighting’s Italian distribution partner, GMep Molpass / San Giovanni in Persiceto. As the responsible lighting designers and operators were only used to work with Compulite lighting desks before, André Girard, who is absolutely used to the grandMA supported them. With his help the both got to know to all functions and features of the grandMA to be able to programm the show in the best possible way.

In his currish ironical song texts Vasco Rossi stands up for the lower class of the society: “My voice is the voice of those who do not have one. That’s why so many people like my music.” Although he is not that much famous abroad than Eros Ramazzotti he could sell his album very well and is meant to be a superstar.



The stage of Vasco Rossi

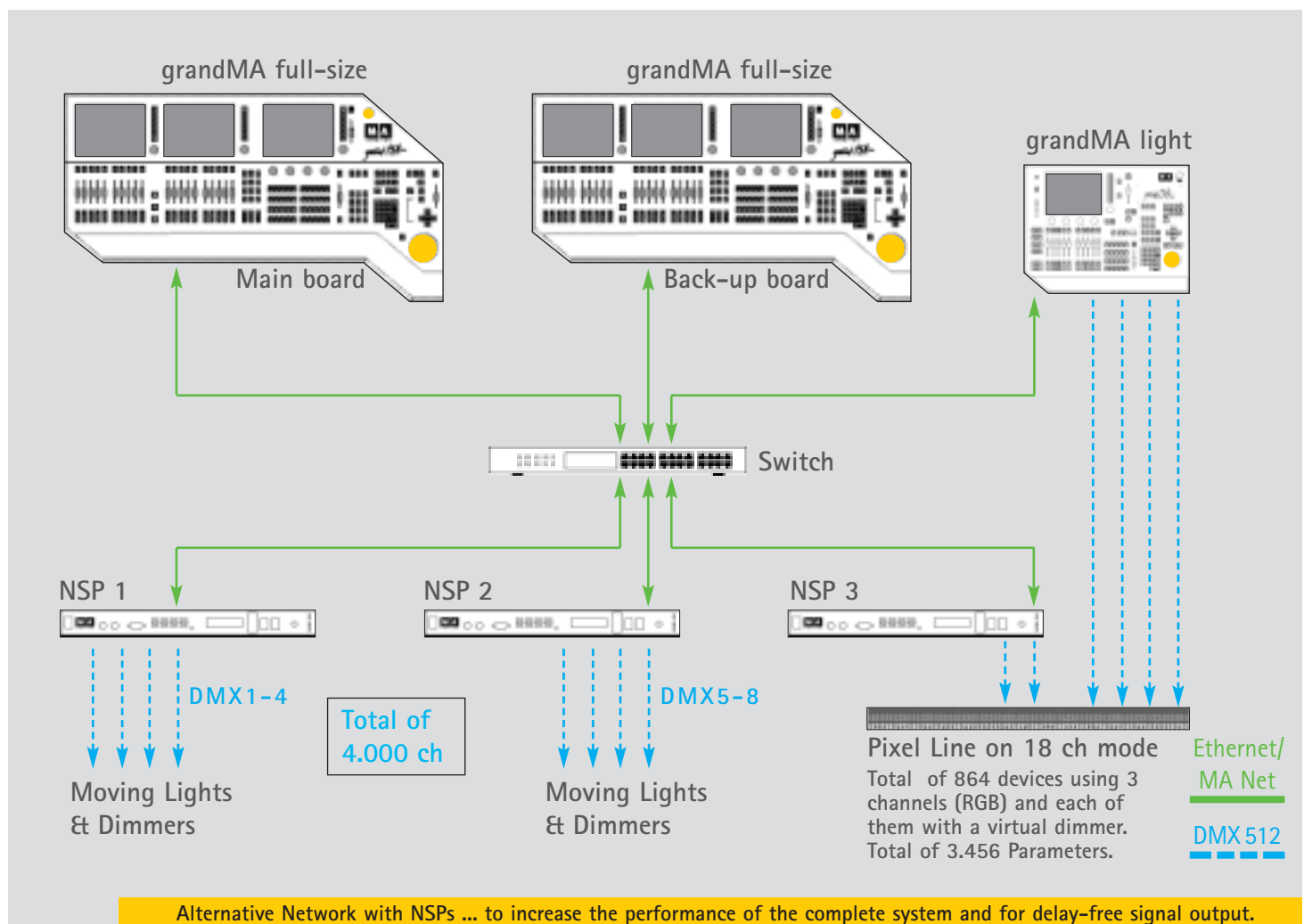
Bill of Material (excerpt):

2 grandMA full-size (4,096 channels)

1 grandMA light (4,096 channels)

4 dmXLAN note4

1 dmXLAN switch8



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 an world-wide distribution and service network.



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