

müllermusic Event Technology

COLOGNE, GERMANY



Challenge

Recent developments in spectrum allocation have resulted in a continuous reduction of the frequency spectrum available for professional productions. Event service providers like müllermusic need to respond by successively converting their equipment from analogue to digital wireless technology.

Solution

As a first step, müllermusic acquired four EM 6000 two-channel receivers and eight handheld and eight bodypack transmitters in spring 2017. These supplemented the existing equipment, and the company's sound engineers were delighted not only by their user-friendly handling but above all by their excellent sound.



Sennheiser Digital 6000: müllermusic invests in future-proof digital wireless technology

“Sennheiser’s digital wireless technology is intermodulation-free and the Digital 6000 series is perfectly suited to our requirements.”

Stefan von Polheim
Project Manager
at müllermusic

müllermusic Veranstaltungstechnik GmbH & Co. KG has opted to invest in Sennheiser Digital 6000 wireless systems. This pioneering wireless technology is an addition to the company's products from the 2000 and evolution wireless series, and will be operated in parallel with Sennheiser in-ear systems.

“We have already been working for a very long time with Sennheiser products and it was therefore obvious for us to return to this manufacturer when we wanted to invest in digital wireless channels,” explained Stefan von Polheim, Project Manager at müllermusic. “There’s no doubt that, when it comes to wireless audio transmission, the future is digital.”

Since the spring of 2017, müllermusic has been the proud owner of four EM 6000 two-channel receivers, which are used either individually or in combination. If several two-channel receivers are in use at an event, these can be daisy-chained to enable the antennas to be shared – an external antenna splitter is not required.



Müllermusic has acquired EM 6000 receivers with Dante interfaces; this widely used network protocol is regularly employed when receivers need to be connected to the company's digital consoles. The Digital 6000 systems are operated either directly at the two-channel receivers or remotely via Sennheiser's Wireless Systems Manager software.

At müllermusic, two SKM 6000 handheld transmitters and two SK 6000 bodypack transmitters are allocated to each two-channel receiver, thus ensuring maximum flexibility. The aesthetically designed handheld transmitters are combined primarily with MD 9235 capsules ("Rockheiser"). Stefan von Polheim: "Overall, I find that the digital Sennheiser systems produce a very linear sound, and I don't need to use an equalizer any-

where near as often during mixing than used to be the case with analogue wireless components."

A particular advantage of the Sennheiser Digital 6000 systems is the possibility to space the transmission frequencies in an equidistant grid, which simplifies frequency planning and ultimately means that far more channels can be accommodated in a comparably sized frequency area than with analogue wireless systems. "That is an unbeatable advantage," said Stefan von Polheim. "You can even use the Sennheiser Digital 6000 system in mixed operation with analogue wireless channels and yet still see it as a digital system when it comes to frequency planning – that's a major advantage over products from other manufacturers."

CUSTOMER

müllermusic Veranstaltungstechnik GmbH & Co. KG

PRODUCTS USED

4 x EM 6000 DANTE two-channel receivers
 8 x SKM 6000 handheld transmitters
 8 x SK 6000 bodypack transmitters

WEBSITE

www.muellermusic.com

COUNTRY

Germany

SECTOR

Professional event technology

PROFILE

The Cologne-based company müllermusic Veranstaltungstechnik GmbH & Co. KG is active throughout Europe as a full-service provider specialising in audio, lighting, video, conference and stage technology.

