

Leipzig Opera relies on Riedel

Pictures: GranerPartner GmbH



The Leipzig Opera, one of Germany's largest opera houses, is setting new standards for communication and signal distribution with a comprehensive technical modernization. As part of the installation planned by Graner+Partner and implemented by Sigma TBL, the historic opera house was equipped with a high-performance Riedel system. The new setup includes Riedel's MediorNet real-time media network, Artist intercom platform, and Bolero wireless intercom system, ensuring seamless, latency-free communication and maximum flexibility in day-to-day production.

A central element of the modernization is the new Aduart stage management system, which communicates with the Riedel infrastructure via open interfaces. It comprises two main consoles, a mobile console, 28 info displays, 112 light signs, and 435 IP loudspeakers, and enables higher-level, intuitive control of the entire stage process.

At the heart of the Riedel installation is a MediorNet fiber optic backbone which seamlessly integrates Leipzig Opera's comprehensively renewed video system with 19 PTZ cameras. The MediorNet network ensures real-time signal transmission, de-embedding, and embedding of audio signals, as well as multiviewing. This guarantees that image and control signals for the conductor monitors arrive with virtually no latency - a decisive factor for musical performances. Thanks to

MediorNet integration via NMOS and Ember+, the video system can be controlled directly via the touchscreens on the stage management consoles.



In addition, an Artist intercom ecosystem with 31 SmartPanels, 42 Bolero beltpacks, and 20 Bolero antennas was integrated to optimize the communication flow throughout the venue. Using the RRCS interface of the Artist-1024 audio matrix, and AES67, MAD1 and Dante protocols can now be conveniently triggered via the stage management console, for example to control individual IP loudspeakers.

“With the new Riedel infrastructure, our processes are much more efficient. The seamless communication, the flexible routing of audio and video signals, and the ability to control everything in real time offer enormous advantages in our day-to-day operations,” said Oliver Gerds, Technical Director, Leipzig Opera.

Bernhard Bauer, Sales Manager at Riedel Communications, added: “We are proud to contribute to the modernization of Oper Leipzig with our innovative solutions. The close cooperation with Graner+Partner and Sigma TBL has allowed us to develop a tailor-made system that significantly increases both work safety and efficiency. This installation ensures that the traditional opera house is ideally equipped to meet all the challenges of future productions.”

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