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## GEWANDHAUS ZU LEIPZIG, GREAT HALL, GERMANY

**PROJECT SUMMARY.** The Great Hall of today's Gewandhaus zu Leipzig is considered a venue with outstanding acoustics and a modern concert hall design. Internationally, the Gewandhausorchester is one of the leading orchestras and, with currently about 185 professional musicians, it is the largest professional orchestra in the world. In the summer breaks 2019 and 2020, the entire orchestra podium was renewed, lifting platforms were included, and all podium walls were redesigned during two construction phases. It was the outdated stage machinery as well as numerous third-party events requiring short re-configuration times that made these measures necessary, along with the desired acoustic improvement with respect to musicians hearing themselves and other orchestra members on the podium.

**FOCUS OF CONSULTING SERVICES.** Before starting the renovation works, extensive room acoustic measurements were performed for objectively documenting the renowned good acoustics in the Great Hall. Then, in a close and extensive exchange with the musicians of the Gewandhausorchester and the Technical Directorate, fundamental modifications were developed and structurally implemented on the podium rear wall, the lateral walls and balustrades. Based on Müller-BBM's diligent planning and supervision of the refurbishment works, the interaction on the podium has noticeably improved with the musicians hearing themselves and their colleagues much better. The room acoustic impressions gained do confirm that the hall's acoustic properties have been further optimized.



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### CLIENT

Gewandhaus zu Leipzig as a municipal undertaking of the City of Leipzig

### ARCHITECT

Ulrike Kabitzsch – freelance architect, Leipzig

### PROJECT DATA

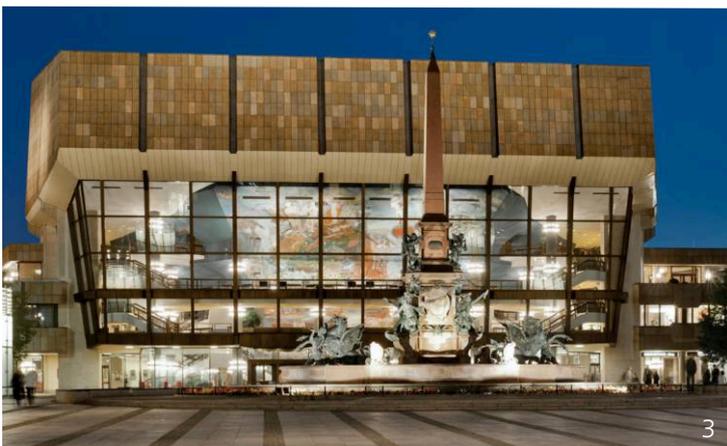
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|----------------------|-------------------------------|
| Completion           | phase 1: 2019 / phase 2: 2020 |
| Seating capacity     | 1,900                         |
| Cost of construction | approx. 3.95 million euros    |

### SERVICES RENDERED

Room acoustics

Status evaluation, consulting, planning, simulations, laboratory measurements, construction supervision, final acceptance testing, support during the opening phase, supervision of commissioning

1 Great Hall, view to the orchestra podium  
 2 Details of the new orchestra podium in the Great Hall  
 3 External view  
 4 Wall details near the orchestra podium  
 Pictures: © René Jungnickel Fotografie



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