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## Acoustic Examinations of the Hanoi Concert Hall

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The Hanoi concert hall was constructed in 2014 and designed especially for classical music. Moreover, it was the first concert hall requiring highly technical architectural acoustics in Vietnam. At the time, we had the chance to support this project involving architectural acoustics from the drawing board stage in 2010 until the end of construction in 2014.

This paper shows how the acoustic needs of this concert hall were met, e.g. in terms of reducing traffic and indoor noise, adjusting reverberation time and electro-acoustics and so on. The acoustic examinations to meet these requirements were performed on a step-by-step basis throughout the drawing and construction period. Ultimately, this project was realized and the new concert hall now has first-rate architectural acoustics.