



N.G. ZHIGANOV KAZAN STATE CONSERVATORY

KAZAN, TATARSTAN, RUSSIA

SCOPE

Acoustics

CLIENT

Republic of Tatarstan

CONTACT

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Fuller sound without compromised clarity.

The 1,100-seat Great Concert Hall of Kazan, Tatarstan was completed in August 1996 and later named in honor of author, Salih Saydashev. The Hall design includes a reverberation chamber placed next to the concert room. Sound can pass between the concert room and the chamber via large doorways when the doors are open, thus producing a fuller sound. The addition of the reverberation chamber makes it possible to adjust the acoustics of the concert room to suit the type of performance.

As part of the design process, audible simulations were prepared using computer models of sound in the hall. The simulations showed that the use of the reverberation chamber does not affect the clarity of the sound, but it does extend the late sound as if the concert hall had a much larger cubic volume. Measurements and listening tests in the completed hall have confirmed the accuracy of the simulations.



PROJECT TYPE
New Construction



ARCHITECT
Longinov Architects



COMPLETE
1996



SEAT COUNT
1,100