

Kings School, Canterbury – The Edred Wright Music School

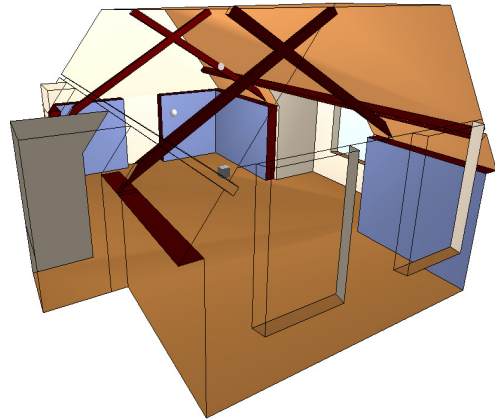


The Edred Wright Music School

The King's School in Canterbury is one of the oldest schools in England. Our brief was the acoustic design and commissioning of the new Edred Wright Music School. The project involved the creation of a recital room, a recording studio, music practice rooms, music classrooms and an orchestra rehearsal room as part of a renovation of 'The Grange', a 19th century listed building previously used as a boarding house.

The constraint of fitting modern facilities within a listed building of limited dimensions was a challenge requiring careful design and detailing. As always the work had to be completed within a tight budget and limited timescale.

CATT-Acoustic enabled us to model the acoustics of the complex and irregularly shaped Choral Room very accurately. The model was adapted to incorporate the proposed fixtures and furnishings for the room, which themselves provided much of the acoustic absorption and diffusion required. This substantially reduced the amount of acoustic treatment that would otherwise have been required.



Choral Room CATT-Acoustic model



Basement Recording Studio

Some very carefully detailed lightweight constructions were developed to provide the sound insulation between studios and practice rooms on rather elderly timber floors. Close liaison between the design team, contractors and material suppliers allowed us to generate detailed layouts of acoustic treatment throughout the Music School to not only provide an excellent acoustic environment but an economical and aesthetically sensitive solution to the problems of providing modern, acoustically excellent facilities without losing the character of the historic building.

Client : Gavin Merryweather – Bursar
Architects : Clague
Contractors : Cardy Construction
Project Value : £2 million