

Designing Award-Winning Concert Spaces



Photography by The Lark

CHALLENGE

The Lark Concert Hall needed to deliver excellent sound quality and prevent leakage into neighbouring buildings.

SOLUTION

AWN advised on design to optimize the hall's structure for superior acoustic performance that would protect performers and external neighbours from harmful noise effects.

RESULT

AWN's recommendations of sound insulation and reverberation control helped the venue win the 'Public Choice' award at the RIAI Architecture Awards.

APPLYING ACOUSTIC DESIGN FOR AWARD-WINNING SPACES

The Irish Institute of Music & Song envisioned creating a world-class concert hall in Balbriggan, Co. Dublin, to elevate the town's cultural landscape and provide a space for music and the arts. Their ambition was to design a venue that offered exceptional sound quality, capable of hosting performances ranging from classical music to modern events. However, they needed specialized support with the acoustic design to ensure that the space would meet the highest international standards for sound. Collaborating with leading acoustic engineers became essential to achieving the perfect balance of clarity, resonance, and sound distribution throughout the venue.

AWN Consulting Ltd, a Trinity Consultants team, provided comprehensive acoustic design services for the 400-seat Lark Concert Hall in Balbriggan, Dublin. Their scope included preliminary design input to optimize the hall's dimensions for superior acoustic performance, ensuring exceptional sound clarity and balance for various events.

AWN also implemented acoustic treatments like sound insulation and reverberation control, along with noise control measures to protect neighbouring buildings from sound leakage.

The venue's design and acoustic excellence contributed to it winning the 'Public Choice' award at the Royal Institute of the Architects of Ireland (RIAI) Architecture Awards, solidifying its status as a standout cultural space.