

Resonics Guide to
Places of Worship Acoustics

ABOUT US

At Resonics, we believe great acoustics are essential to a welcoming space. Echo, poor speech clarity and excessive noise can quickly turn churches, mosques and other places of worship into difficult spaces to hear and be heard. We design acoustic solutions that create a balanced sound environment where congregations can gather, celebrate and connect.

With over a decade of experience, Resonics is the UK's leading specialist in interior acoustic design, supply and installation. We've helped places of worship across the country transform echoey, hard-to-hear spaces into venues that support worship, sermons and music.

- **1,000+** projects completed in 2025
- Undertake projects from **£2k to £4m**
- **Independent** of manufacturers
- We only use **industry-leading products**



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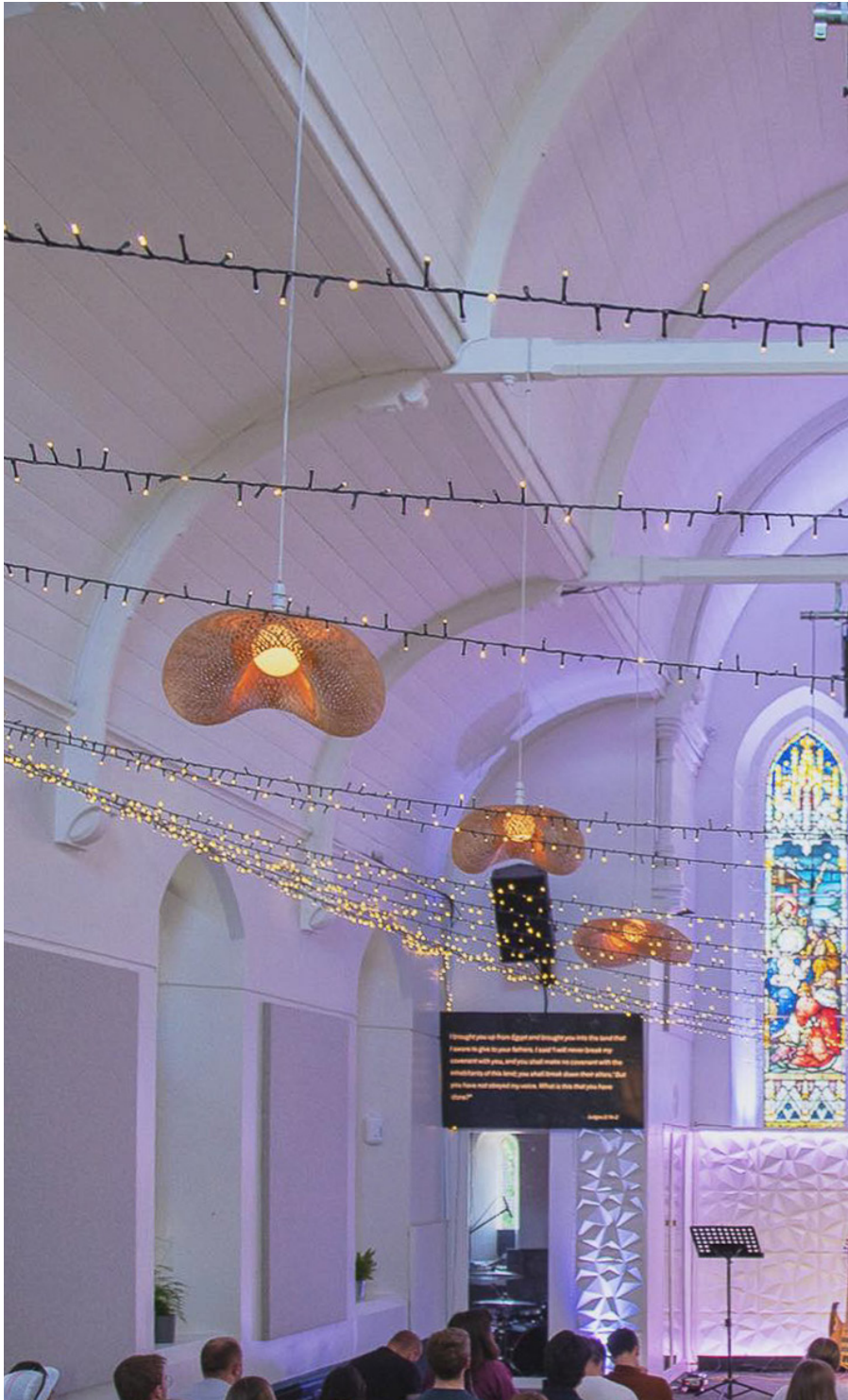
Resonics have recently installed acoustic panels in the church room at St Lawrence Church, Bradfield in Essex.

We have received extremely positive feedback from many individuals and groups who have used the room since then. They have commented on how much easier it is to follow the spoken word, particularly when a number of different people are speaking at the same time, and also how neat and unobtrusive the panels are.

There has been a noticeable and very welcome reduction in the level of reverberation experienced following the installation. We have really appreciated the professional and helpful service provided during the entire process, and we are delighted with the results.

John Barrow
St Lawrence Church, Bradfield





Five ways better acoustics pay off

A Welcoming Atmosphere

Clear, comfortable sound levels let congregations follow sermons, readings and prayers without straining to hear. Balanced acoustics let speech, music and singing each have their place, rather than being lost to echo and noise.

Clearer Speech

Poor acoustics can make sermons and readings hard to follow, especially in large or high-ceilinged spaces. Acoustic treatment improves speech clarity so every word is heard, from the front pew to the back.

Improved Sound Quality

Good acoustics elevate choirs, organs and live music, giving performances warmth and clarity rather than muddiness or excessive reverberation. The result is a richer experience for musicians and congregation alike.

Supports Multi-Purpose Spaces

Places of worship host far more than services – weddings, funerals, concerts, community groups and events. Acoustic treatment makes these spaces comfortable and adaptable, whatever they're being used for.

Better Accessibility for All

Clearer sound benefits every member of the congregation, especially those with hearing difficulties or hearing aids. Reducing background noise and echo means everyone can take part fully, wherever they're sitting.

WALL PANELS

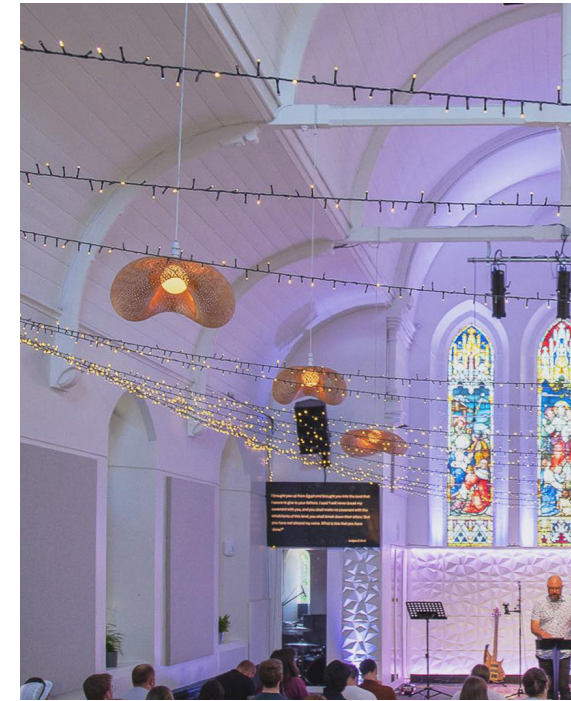
Our wall panels combine acoustic performance with thoughtful design. Whether you prefer bold feature panels that enhance your interior or subtle options that blend seamlessly into the background, each panel is engineered to absorb unwanted noise and reduce echo, creating a more comfortable atmosphere.



CEILING PANELS

Ceilings are one of the most effective areas for controlling sound in large venues. Treating around 50–60% of the ceiling with Class A acoustic absorbers can significantly reduce noise and reverberation. The result is a more balanced acoustic environment where conversation flows easily and the ambience feels just right.

OUR WORK IN PLACES OF WORSHIP



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The product is excellent - makes all the difference to our church building. The appearance is excellent - really discreet, like we asked for. The service was excellent - the fitters worked hard, cared about detail and aesthetics. All round brilliant job.

Mark Simpson





Church of the Good Shepherd

Carshalton

Overview

The Church of the Good Shepherd is a vibrant community hub. However, its high ceilings and hard flooring created a long reverberation time, making speech and music difficult to enjoy. An acoustic consultant confirmed the issue and advised that at least 60m² of Class C sound-absorbing material would be needed to achieve the desired clarity.

Our solution

To resolve the acoustic challenges, we installed **Silent Space Wall Panels** at key reflection points to target the most disruptive echoes.

Working closely with the client, we selected a fabric colour that complemented the church's existing wall tones, ensuring the panels blended seamlessly with the architecture while delivering Class A sound absorption.

The outcome

The result is a calmer, clearer acoustic environment where sermons, conversations, and music can be heard as intended.

By reducing reverberation while respecting the church's visual character, the space now supports both worship and community activities with greater comfort and focus.



Downing Place Church

Cambridge

Overview

Resonics undertook an acoustic panel installation at Downing Place Church in Cambridge, addressing the challenge of improving sound quality within a historic and multifunctional space. The goal was to enhance speech intelligibility and music clarity for a variety of activities, from regular services to community events, while preserving the church's architectural character.

Our solution

We worked closely with church leaders to understand their specific acoustic and design requirements, ensuring that our solution complemented the building's historic design.

High-performance acoustic panels were strategically installed on the walls and ceilings to reduce reverberation and control echoes. The installation was carefully planned and executed to minimise disruption to daily operations and preserve the building's integrity.

The outcome

The impact was immediately apparent. The church reported a significant improvement in speech clarity and music quality, creating a more immersive and enjoyable experience for the congregation. By combining sensitive design with precise acoustic treatment, the space now supports both worship and community gatherings.

When you work with Resonics, you'll get...

Market-Leading Expertise

With over a decade of experience and more than 7,000 projects completed, no UK company has delivered more interior acoustic projects.

End-to-End Service

From surveys and acoustic testing through to design, supply, and installation, our in-house team manage every stage of the process.

Trusted Across the UK

We work across the UK in places of worship, earning a 4.9 Google rating from clients who value getting acoustics right the first time.

Preferred Installers

We work with the leading acoustic manufacturers, building relationships based on trust, collaboration and shared standards. As a preferred installer for these brands, we're fully trained to deliver reliable, high-quality results.



Frequently Asked Questions

Are acoustic panels suitable for listed or historic buildings?

Yes – Resonics has experience working within conservation guidelines. There are options for reversible, non-invasive installation methods that respect listed building regulations.

Can acoustic treatment improve both speech and music?

Yes – the goal is balance. Our designs retain warmth and resonance for music while improving speech intelligibility for sermons and ceremonies.

Will acoustic panels affect the appearance of the space?

No – our solutions are carefully chosen to blend with the architecture. Panels can be colour-matched, fabric-wrapped, or even installed in less visible areas to preserve the building's character.

How much does it cost?

Costs depend on the size and complexity of the space. Resonics offers free acoustic surveys and tailored proposals to meet both performance and budget needs.

How long does installation take?

Most acoustic projects are completed within a few days. We plan around service times and community use to minimise disruption.

Are the materials safe and durable?

All panels are fire-rated, long-lasting and resistant to dust and moisture – suitable for older buildings that may be harder to heat or ventilate.



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