



SOUND MASKING

For Worship Facilities

Worship facilities are multipurpose spaces that host a variety of activities, often with conflicting acoustic needs.

In the area where the service takes place, audible speech is a necessity so that members don't miss the intended message. However, if the service includes music, the space also needs to be reverberant.

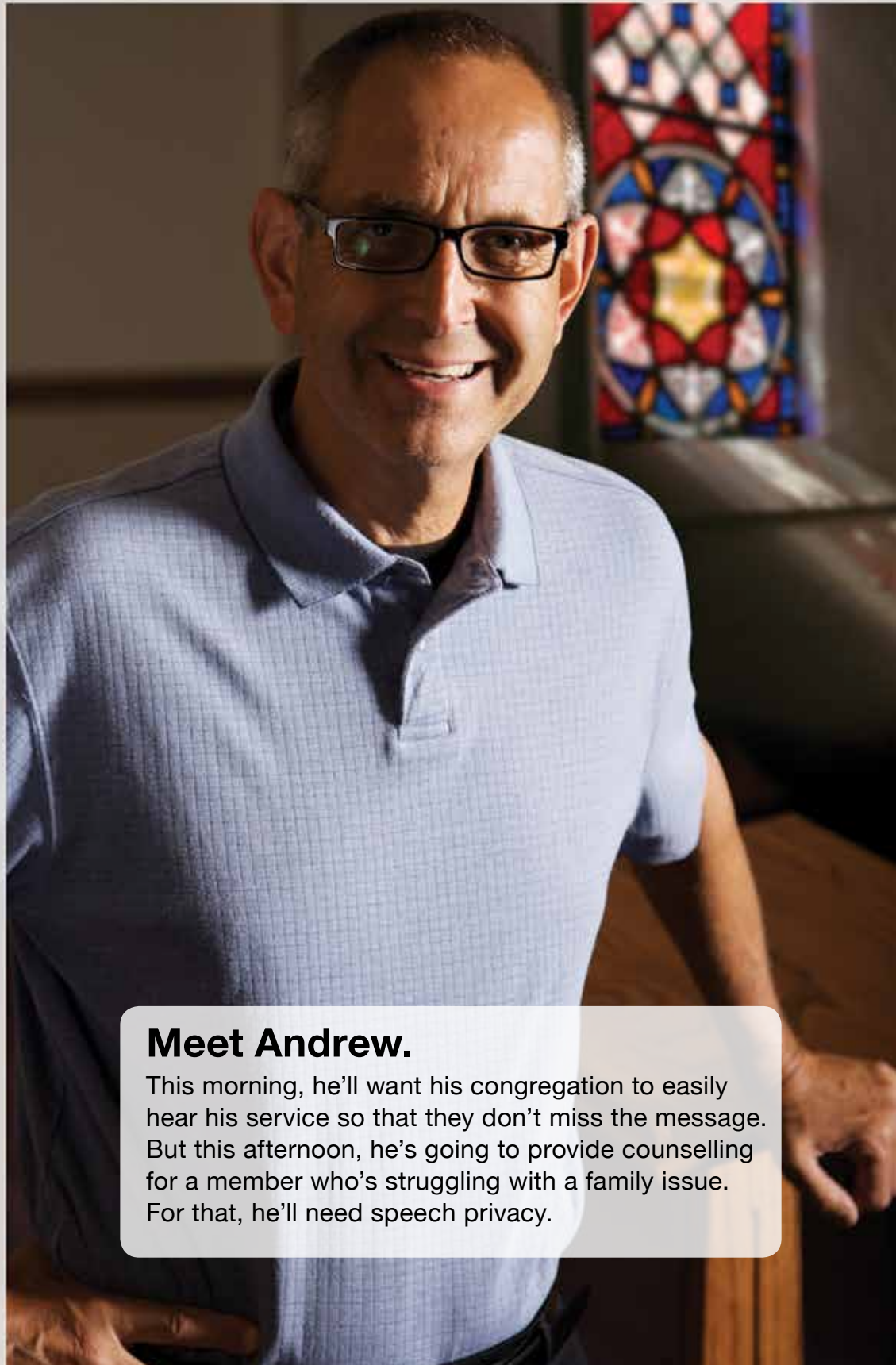
Achieving good speech intelligibility and high quality sound usually requires the integration of audio technologies. Indeed, many worship facilities already use AV equipment, not only to overcome acoustic challenges, but to enhance members' experience in today's media-driven world.

But these facilities also have other acoustic needs.

For example, they often house counseling offices. The conversations taking place in these areas can involve grief, depression, relationship and health information, as well as other sensitive topics. A high level of speech privacy is crucial because members expect their conversations with staff to remain confidential.

Furthermore, many worship facilities have internal administrative areas. Acoustical privacy is required for discussions involving staff and finances. Noise control is also necessary. People working in an acoustically comfortable environment have an easier time concentrating on tasks, suffer less stress and are more welcoming.

Understandably, most of the acoustic strategies employed in worship facilities focus on ensuring members can easily hear the service. However, addressing these additional acoustic requirements is also critical to creating a positive experience and meeting the needs of members.



Meet Andrew.

This morning, he'll want his congregation to easily hear his service so that they don't miss the message. But this afternoon, he's going to provide counselling for a member who's struggling with a family issue. For that, he'll need speech privacy.



The LogiSon® Solution

Though a conversation can be brought into a closed office, doors and even deck-to-deck walls are often not enough to ensure speech privacy. Even minor penetrations can provide clear paths for the transmission of sound into neighboring spaces. If the background sound level in those areas is too low, the conversation can be heard.

By distributing a soothing background sound throughout the area, the LogiSon Acoustic Network helps to achieve verbal privacy between spaces. Though most compare this sound to softly blowing air, it's actually designed to mask the frequencies in speech. It also covers up incidental noises that would otherwise impact comfort and concentration.

The system's loudspeakers are typically installed in a grid-like pattern in or above the ceiling. Small zones and fine control over both volume and frequency allow the masking sound to be customized to local conditions, ensuring that it's comfortable and effective across the entire space. And because control is networked, this level of performance is easy to maintain.

Benefits include:

- Improved noise control
- Increased speech privacy
- Improved productivity
- Paging and music functions
- Lower project costs
- Facility flexibility
- Quick ROI

For more information about the system's advanced features, see our brochure or contact your local LogiSon Representative.

Case Study

BAYSIDE CHURCH OF GRANITE BAY • Granite Bay, California • USA

For the past three years, Bayside Church has offered counseling in an office complex that was an improvement over our old facility, but which had a major problem: noise transmission.

This issue was of great concern, especially when dealing with sensitive and confidential information. The counseling offices are located between two busy office areas. Being able to hear someone's voice from the adjoining office or hallway disturbed us as counselors and worried our clients.



We tried several methods to minimize the problem, including adding wall and ceiling insulation, caulking cracks, installing carpet sweeps underneath doors, and so on. While we experienced some improvement, we still had a major problem.

Then someone suggested we try a sound masking system. If we felt any initial skepticism, it was totally eliminated as we walked into a radically improved counseling setting. Wow, what a difference! We no longer worry about noise between offices and our clients are at ease knowing their conversations are truly confidential. Even the noise in the hall is greatly reduced and people pass by unaware of what is taking place in the counseling offices.

The sound masking system is now a natural part of our facility, raising the bar and making us a much more professional counseling setting. We highly recommend the LogiSon Acoustic Network for even the most challenging office applications.

Mark Godshall Pastor of Care Ministries

