

## Audio & Video Solutions For Churches

With a long track record of providing audio solutions to churches, PAS have considerable experience of working in acoustically and architecturally demanding buildings, and are respectful of the specific factors which make places of worship unique.

We understand the delicate nature of churches and always work in conjunction with a parish's day to day events.



- Sound Reinforcement
  - Public Address
  - Induction Loop
- Radio Microphones
- Projection Systems
  - Video Screens
- CCTV & More.



“...Proud to have worked in **over eight hundred places of worship** throughout the UK.”

- Sales
  - Installation
  - Service
- The complete audio service.**



## Several Of Our Previous Church Projects...

With 32 years of providing technical solutions to churches, PAS can offer places of worship of any denomination high quality products and support services to enable you to be seen and heard.

Working in places of worship requires specialist knowledge, skills and expertise to achieve the best results. **At PAS Sound** we have all these, plus much more to enable you to obtain a great sounding system with first class support.

## St Mary's RC Church Bamber Bridge

PAS have recently supplied and installed a new sound system to St. Mary's Church at Bamber Bridge, Lancashire. This large impressive building has struggled with its sound for a number of years due the high ceilings and large reverberant space.

PAS were contacted to assess the problem and offered a demonstration of a Bose MA12 loudspeaker solution which was felt would help control the sound in the space and improve intelligibility.

The demonstration illustrated the level of improvement that could be achieved and for the actual installation two, triple stacked speaker columns were installed to either side of the main structural columns. The wide controlled dispersion

of sound from the Bose MA12 speakers provide the entire main body of the church with even, clear sound without the need for additional speakers along the sides.

The system was set up with the latest in digital acoustic analysis software on an iPad which allowed our commissioning engineers to setup the system carefully, eliminating feedback and improving the intelligibility in the space to provide the parish with a modern, effective sound system.



## Symetrix Jupiter

Fancy being able to control your sound from your seat?

Well this is now a reality with this latest range of digital audio mixers which allow control from most phones, iPods and iPads. These superb mixers offer automatic microphone mixing by ducking microphones not in use and eliminate unauthorised adjustment as they have no front panel controls to tempt those people who like to meddle!

Although setup with a laptop computer, authorised users can make adjustments when required by using a web browser on a phone or tablet. Control the sound from your stall, chair or any position wirelessly!

Take your next sound system to a completely new level and keep control.



## Introducing The **BOSE** MA12 Loudspeaker Range

The Panaray MA12 modular line array loudspeaker provides very tight vertical pattern control, which helps eliminate undesirable reflections off of the ceiling and other surfaces.

Stacked one on top of the other, two or more arrays create cylindrical sound waves, which are desirable in this situation because they reduce the drop-off in sound pressure levels as the distance between the loudspeaker and the listener increases.

As a result, listeners throughout the sanctuary hear relatively consistent sound. Someone sitting in back, for example, hears the spoken word as well as someone sitting in front, and differences in loudness from front to back are barely perceptible.



# St Michael's Church, Bramhall



Having had several sound systems in the last decade which promised much but failed to perform, this busy parish church decided it was time to source a replacement system which would deliver clear, intelligible speech to all positions in the building.

PAS were contacted and asked to look at providing a replacement sound system which would give the church a sound system that truly performed and would give many years of good use.

A number of solutions were considered, but eventually a Bose loudspeaker system was proposed and a demonstration setup in the church which led to PAS being awarded the contract. The installation which utilises MA12 line array columns allowed a number of old speakers to be removed from sight. The 1m high columns were double stacked on either side of the Nave and project a wide, flat beam of sound across to the rear seats.

After being setup with audio analyser software, the system produced the rich, warm sound to all areas and exceeded the expectations of the church council and clergy. This process removes the excess energy at the reverberant frequencies of the church, maximising intelligibility and reducing the possibility of feedback.



## Video Projection & Distribution



Early systems with acetates and overhead projectors were somewhat limited and led to the PC/projector revolution of today.

Now hymns, sermons, images and videos can all be displayed on screens in church. Projection systems can also be integrated with cameras in church, to enhance the viewing experience where there are blind spots, and connect to smaller flat screen displays to expand the area of coverage to ancillary areas from the main church.

We have had lots of experience of linking projectors and screens, cameras and computers, plus video to sound systems. Our commercial installation and sales activities keep us busy in this field also, so you can bank on our experience to deliver you a system which meets all your requirements.

Worship today can be a truly engaging experience with video systems professionally installed in your church.



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## Why Choose PAS?

Established in 1985, with many years of experience in the audio industry, we have the resources, reputation and expertise to offer you a comprehensive service for any of your audio requirements.

**Experience.** Having worked within the audio industry for 32 years, our reputation, and great efforts to exceed our customer's expectations precedes us wherever we go.

**Resources.** We operate from a 5000ft facility providing accommodation for all our administration, engineering and warehouse operations, complete with well stocked showroom. More importantly, we have some of the best people in the audio industry at your disposal.

**A sympathetic approach.** We recognise that every church has its own unique requirements. We carry out site surveys under no obligation and always discuss your needs in detail.

**A truly personal service.** We aim to build relationships with all our customers and are proud to count many as friends. Be assured that when you work with us, we have both the resources to do the job and the company culture to care.

## Check out some of our other websites...

### PAS Sound Engineering



Our main company website.

[www.pas-sound.co.uk](http://www.pas-sound.co.uk)

### Church Sound



Our dedicated church audio site.

[www.church-sound.co.uk](http://www.church-sound.co.uk)

### PAS Sound Online Shop



Our online source for audio products.

[www.public-address-shop.co.uk](http://www.public-address-shop.co.uk)

### Loop Systems



Our site dedicated to assisted hearing systems.

[www.loop-systems.co.uk](http://www.loop-systems.co.uk)



## Get In Touch...



**By Phone..**  
Call us on **0845 430 0546.**



**By Email..**  
Or shoot us an email at **sales@pas-sound.co.uk**

**PAS Sound Engineering Ltd,**  
Senator Point,  
South Boundary Road,  
Knowsley Industrial Park,  
Merseyside,  
L33 7RR.

