# Churches and cathedrals

- Communicate directly with hearing aid users
- Enhance visitor experience
- Provide consistent signal coverage in large and complex areas

Churches and cathedrals are used for worship, as tourist destinations, and often as venues for events and exhibitions. There are often gift shops, restaurants and cafés on site. Visitors ranging from school children to groups of older people, will include those who suffer hearing loss. It is thought that around 15 percent of the population experience hearing loss. A requirement for innovative assistive listening solutions is further highlighted by sheer size or complex layout of buildings, and often multipurpose nature of these internal spaces.

Most hearing aid users would say that when they use their aids in one-to-one conversations the devices work very well. Difficulties arise when a level of ambient noise is too great, or distance between speaker and listener is increased, as is often the case in a church or cathedral.

These problems are exacerbated if an assistive listening system in use, has been poorly specified or installed. Problems are particularly notable when:

- there are large and complex room structures
- multipurpose rooms are in use, for example in partitioned assembly halls
- overspill can cause interference or broadcast of signal outside of room or building
- metal is present in building structure or room contents

**Ampetronic™ Hearing Loops:**

- **offer direct communication to users via their existing hearing aid without a need for additional receivers**
- **makes hearing aid users listening experience much more enjoyable**
- **allow freedom of movement, by ensuring a consistent signal throughout looped area**
- **reduces overspill, so reducing interference, or possibility of broadcasting of sensitive information outside of room or building**
- **minimises effects of signal loss to metal in building structure**
- **can be integrated into new builds, or retro-fit into existing structures**

For more information on hearing loop design to meet regulatory standards for hearing loop installations, contact our friendly and knowledgeable team on: **+44 (0) 1636 610062,** or email: **sales@ampetronic.co**

D Series (single) amplifier

Training videos and product demonstrations can be viewed online at the **Ampetronic™ YouTube Channel https://www.youtube.com/user/AmpetronicLoops**

Ampetronic™ Loopworks™ productivity suite includes a powerful measurement app, and comprehensive specification and design tools. Such tools can be used standalone or when used in combination provide a holistic end-to-end solution to a hearing loop project, which can save time and money.

| Area type: | Solution type(s): | Products: |
|---|---|---|
| **Modern church buildings** | Simple perimeter loop | C Series (single)<br>D Series (single)<br>ILD Series<br>CLS Series |
| | Cancellation loop | |
| | Single array | |
| | Low loss MultiLoop™ phased array for 6m or 19.5ft wide spaces with metal structure | C Series (dual)<br>D Series (dual)<br>MLD Series |
| | Low spill MultiLoop™ phased array, when there are other loop systems nearby | |
| **Complex multipurpose rooms** | Low loss MultiLoop™ phased array | C Series (dual)<br>D Series (dual)<br>MLD Series |
| | Low spill MultiLoop™ phased array | |
| **Traditional churches and cathedrals** | Simple perimeter loop | C Series (single)<br>D Series (single)<br>ILD Series<br>CLS Series |
| | Single array | |
| | Low loss MultiLoop™ phased array | C Series (dual)<br>D Series (dual)<br>MLD Series |
| | Low spill MultiLoop™ phased array | |

Ampetronic Hearing Loops are installed First Presbyterian Church, NC, USA

UP30103-2

- installation accessories
- signage
- testing and measurement systems
- system design support
- training and continuous personal development (CPD)
- Loopworks™ design and specification tools

## Providing a genuine benefit.

To find out more talk it with our experts on:
**+44 (0) 1636 610062,** or email: **sales@ampetronic.co**

AMPETRONIC®

Listen to the difference

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