

Maximizing Your Wireless RF Assistive Listening System!



Houses of worship regularly use RF wireless auditory assistance systems for the hearing impaired. What is an assistive listening system? Any method to get sound system or voice audio directly to the ear of a hearing impaired individual. RF assistive listening systems operate like a small radio station with pre-set frequencies designated by the FCC for auditory assistance.

Advantages of an RF system include:

- Low installation and maintenance costs
- Excellent sound quality
- Wide broadcast area (no line of site issues)
- Will work indoors and out
- Allow for multiple channels to be used simultaneously and can be used in fixed and portable applications

Typically in a house of worship a stationary base transmitter is used to broadcast the audio from the main sound system to hearing impaired individuals wearing body-pack receivers.

The advantages of FM Systems offer many other benefits for houses of worship using the same RF Systems. The goal of this article is to inform you of these expanded applications with hope they may help your house of worship to be a more compelling establishment for the public to attend.

Language Interpretation



Use a Stationary or Portable FM Transmitter with an interpreter for the service.

As the communities become more culturally diverse, so does the need for simultaneous language interpretation in houses of worship. This saves time by integrating the church services and the congregation in cases which they have been previously separated. One example is Shadow Mountain Community Church in El Cajon, CA. The church has a congregation of 6,000 and used to have three separate services. Now interpreters provide real time simultaneous language interpretation in Arabic, Spanish and other languages, with one channel dedicated to assistive listening. Worship services are now more fully integrated,

as is their church, which is deeply satisfying to them all. [\(click here to read more\)](#)

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Remote Monitoring/Wireless Audio Distribution



A self-powered speaker with a built-in receiver picks up the broadcast and the service can be heard in the remote room. There is also a stationary receiver/power amplifier available.

Applications:

- Nursery / Cry-room
- Foyers, front of church or parking lot
- Office
- Restrooms
- Choir, ministry or theatrical dressing room cueing
- Overflow area (for special events)
- Remote/detached buildings and other rooms

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In-Ear Monitoring

- Music team / Orchestra
- Ushers & security
- Cueing of theatrical & worship team members
- Descriptive listening for the blind
- Wireless audio monitoring for sign language personnel & stenographer

Special Event Recording

- Use a special cable to go from receiver to a camcorder
- Record special events like weddings, special programs, tours, seminars, meetings, and audio/video feed to remote locations, etc.

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Tour Group



- Tours of the facility
- Location tours
- Mission tours
- Youth group tours
- Tours requiring language interpretation
- Wireless audio feed for videotaping of tour

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Soundfield

A soundfield is a small room sound reinforcement system.

- Great for study classes
- Bible schools on site or off site
- Individuals that are hearing impaired can use the receivers from the sanctuary to have assistive listening in the classes

Summary of Applications

- Auditory assistance for hearing impaired
- Language interpretation
- Remote monitoring (wireless nursery / cry-room speakers)
- Wireless audio distribution
- In ear monitoring
- Special event recording (camcorder cable)
- Tour group communications
- Soundfield

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