





SELECTING THE ASSISTIVE LISTENING SYSTEM FOR YOUR APPLICATION

With so many wireless technologies available, selecting the most compatible Assistive Listening System (ALS) for your specific application can be confusing at times. Williams Sound manufactures four distinctive wireless ALS technologies:

- Standard RF (72-76MHz or 863-865MHz)
- Digital RF (2.4GHz)
- Infrared (2.3, 2.8, 3.3 or 3.8MHz)
- Induction Loop

Each ALS technology presents unique attributes that should be taken into consideration given the particular location of the installation, budget and ultimately, end-user preference. Williams Sound recommends you weigh in all the pros and cons of each ALS solution based on the specific requirements of your application.

Here is a summary of the key features sorted by ALS technology that should assist you when making your Williams Sound product selection:

 <p>Standard RF</p>	<ul style="list-style-type: none"> Excellent Sound Quality Low Installation Cost Covers Large Area Works Indoor or Outdoor Up to 17 channels available Limited Lifetime Warranty
 <p>Digital RF</p>	<ul style="list-style-type: none"> Superior Sound Quality Allows Full-duplex or Two-way (Q & A) Communication In Two-way or Duplex Mode, Up To 4 Concurrent Systems Can Be Used In The Same Area In One-way or Simplex Mode, Up To 14 channels Can Be Used In The Same Area Secure Encrypted Transmission No License Required
 <p>Infrared</p>	<ul style="list-style-type: none"> Excellent Sound Quality Secure Transmission Confined Within Room Up To 4 Simultaneous Channels Can Be Used In The Same Area Recommended For Indoor Installations Only No License Required
 <p>Induction Loop</p>	<ul style="list-style-type: none"> Excellent Sound Quality For T-coil Enabled Hearing Aids Users Inconspicuous For T-coil Enabled Hearing Aids Users No Receiver Management No License Required Transmission Confined Within Room

Similar summary sorted by key requirements:

If your application requires:	Digital RF	Standard RF	Infrared	Induction Loop
ADA Compliance	✓	✓	✓	✓
Installed System (Rack Mounted)		✓	✓	✓
Portable System	✓	✓		✓
Compatibility with T-coil enabled Hearing Aids	✓	✓	✓	✓
Single Transmission Channel	✓	✓	✓	✓
Multiple Transmission Channels (1-4)	✓	✓	✓	
Multiple Transmission Channels (1-14)	✓	✓		
More than 14 Transmission Channels	✓	✓		
Full Duplex or Two-Way Communication	✓			
Ease of Installation	✓	✓		
Extended Transmission Range		✓	✓	
Outdoor Usage	✓	✓		✓
Privacy	✓		✓	
Secure Encrypted Transmission	✓			
No Licensing	✓		✓	✓

If you need more help with your ALS selection or have any questions, please contact Williams Sound at **1-800-328-6190; +1 952.943.2252** or **info@williamssound.com**