

**Table A2. Summary of Assistive Listening Devices**

within the seating area are provided. This will allow choice in viewing and price categories.

*Building/life safety codes set minimum distances between rows of fixed seats with consideration of the number of seats in a row, the exit aisle width and arrangement, and the location of exit doors. "Continental" seating, with a greater number of seats per row and a*

*commensurate increase in row spacing and exit doors, facilitates emergency egress for all people and increases ease of access to mid-row seats especially for people who walk with difficulty. Consideration of this positive attribute of "continental" seating should be included along with all other factors in the design of fixed seating areas.*

**Table A2. Summary of Assistive Listening Devices**

<b>System</b>	<b>Advantages</b>	<b>Disadvantages</b>	<b>Typical Applications</b>
<p>Induction Loop Transmitter: Transducer wired to induction loop around listening area. Receiver: Self-contained induction receiver or personal hearing aid with telecoil.</p>	<p>Cost-Effective Low Maintenance Easy to use Unobtrusive May be possible to integrate into existing public address system. Some hearing aids can function as receivers.</p>	<p>Signal spills over to adjacent rooms. Susceptible to electrical interference. Limited portability Inconsistent signal strength. Head position affects signal strength. Lack of standards for induction coil performance.</p>	<p>Meeting areas Theaters Churches and Temples Conference rooms Classrooms TV viewing</p>
<p>FM Transmitter: Flashlight-sized worn by speaker. Receiver: With personal hearing aid via DAI or induction neck-loop and telecoil; or self-contained with earphone(s).</p>	<p>Highly portable Different channels allow use by different groups within the same room. High user mobility Variable for large range of hearing losses.</p>	<p>High cost of receivers Equipment fragile Equipment obtrusive High maintenance Expensive to maintain Custom fitting to individual user may be required.</p>	<p>Classrooms Tour groups Meeting areas Outdoor events One-on-one</p>
<p>Infrared Transmitter: Emitter in line-of-sight with receiver. Receiver: Self-contained. Or with personal hearing aid via DAI or induction neckloop and telecoil.</p>	<p>Easy to use Insures privacy or confidentiality Moderate cost Can often be integrated into existing public address system.</p>	<p>Line-of-sight required between emitter and receiver. Ineffective outdoors Limited portability Requires installation</p>	<p>Theaters Churches and Temples Auditoriums Meetings requiring confidentiality TV viewing</p>

Source: Rehab Brief, National Institute on Disability and Rehabilitation Research, Washington, DC, Vol. XII, No. 10, (1990).