



June 2021

Sennheiser MobileConnect – ADA Compliancy Statement

Sennheiser MobileConnect is compliant to the "Assistive Listening Systems" requirements (sections [219](#), [706](#)) of the [2010 ADA Standards for Accessible Design](#).

The latest release of the ADA Standards (2010) specifies hard-wired and three types of wireless assistive listening systems (induction loop, infrared, and FM radio transmission). Since release date, the usage of smart devices like smartphones became standard in a worldwide daily life, as well as the usage of reliable WiFi connectivity technologies like IEEE 802.11ac (2013) or the latest IEEE 802.11ax (2021). The Sennheiser MobileConnect system is a highly innovative live audio network streaming assistive listening system facing exactly this progress. It defines the reception of assistive listening audio streams using a smart device connected to a wireless network (WiFi). For this reason, it is categorized within the class of "wireless assistive listening systems" introducing a new (fourth) subclass: "*Digital Communication Systems*".

Digital Communication Systems like Sennheiser MobileConnect share all the advantages of the classic three ADA wireless subclasses (induction loop, infrared, and FM systems). For example, they are not affected by sunlight in open-air assemblies (unlike infrared systems). They are a good choice at places where confidential transmission is important because of digital transmission security capabilities (unlike FM systems). Users don't have to stay at dedicated areas (unlike induction loop systems). Using exclusively personal gear like a modern smart device plus hearing aid for assistive listening reception, easily enables compliance to the latest hygiene concepts.

As the MobileConnect system is easy to bring up in "Standalone Mode" for small installations, an installation for large or complex venues requires assistance from a professional sound engineer. This follows the recommendations of the [ADA 2010 standard section 706.1 Advisory](#).

As the MobileConnect System is scalable by the number of applied MobileConnect Stations and one MobileConnect Station can serve up to 100 assistive listening connections in parallel, one MobileConnect Station enables to cover one room with up to 6.500 places regarding [ADA 2010 section 219.3](#).

It is mandatory to provide receivers for assistive listening in each assembly area in accordance with table 219.3 ([ADA 2010 section 219.3](#)). Twenty-five percent minimum of receivers provided, but no fewer than two, shall be hearing-aid compatible in accordance with ADA 2010 section 706.3. To fulfill this requirement we recommend to provide an appropriate number of smart devices with preinstalled MobileConnect App and WiFi setup completed plus neck loops like the [Geemarc iLoop+](#) or optional wired headphones like [Sennheiser HD 280 Pro](#).

[ADA 2010 section 216.10](#) specifies the requirements for providing signs informing patrons of the availability of the assistive listening system. Please find our MobileConnect ADA 2010 compliant signage footage [here](#) or use the [MobileConnect API](#) for a digital room signage ecosystem integration.

Please contact us at mc-support@sennheiser.com if you have any further questions.