Configurations

LW-210-04-01 (North America, Plug B)

LW-210-04-02 (United Kingdom, Plug G)

LW-210-04-03 (European Union, Plug F)

LW-210-04-04 (Australia, Plug I)

Architectural Specs

The LW-210-04 ListenWIFI 4 Channel Wi-Fi Audio Server shall be capable of taking up to 4 audio channels and broadcasting live audio over a local Wi-Fi network to listening devices including smart phones, tablets, and proprietary LWR-1050 Wi-Fi Audio Receivers. Devices shall be able to receive high quality, low latency audio channels being broadcast from the server. Android and iOS devices shall be able to access the audio via the proprietary ListenWIFI mobile app which shall be made available at no charge from the Google Play and Apple App Stores. The server shall be able to broadcast live audio over the Wi-Fi network to dedicated Wi-Fi Audio Receivers available from Listen Technologies. The server shall support up to 500 listening devices, including smartphones, tablets, and receivers.

The server shall support the use of Listen beacons, allowing smartphones and receivers to automatically trigger to a specific channel based on the user's physical location and proximity to beacons at a venue. The server shall provide a signal-to-noise ratio of 74 dB or greater to listening devices (end to end) and shall have an audio frequency response of 20 Hz – 20 kHz (±1 dB). The server shall be rack mountable in 1 RU 19" rack space, with no user control interface on the server to prevent tampering and facilitate easy setup and operation via software control. The server shall have an external power supply for use in multiple countries with the appropriate line cord and have compliance for the countries specified.

The ListenWIFI mobile app shall have the ability to be customized via software to meet the venues branding requirements. These customizations include a welcome screen, app theme title and colors, sliding banners, channel images, URL hyperlinks, and PDF documents with custom categorization.

All ListenWIFI system components at a venue shall be set up and managed via the ListenWIFI Manager installed software, which shall not be required during use or runtime. The software shall support full configuration and management of a venues ListenWIFI audio system, including servers, mobile apps, receivers, and beacons. The Manager software shall have an integrated firmware update tool for all system components.

The LW-210-04 ListenWIFI 4 Channel Wi-Fi Audio Server is specified.