

Configurations

LKR-11-A0 ListenTALK Receiver Pro (North America) LKR-11-E0 ListenTALK Receiver Pro (Europe EU28, Australia) LKR-11-J0 ListenTALK Receiver Pro (Japan)

Architectural Specs

The receiver shall be a digital receiver operating on the 1.9 GHz unlicensed PCS band utilizing Frequency-Hopping Spread Spectrum (FHSS) techniques allowing interference free one-way communication. The device shall employ a multiply layer security protocol consisting of a 40-bit (pin free) group subscription, 32-bit authentication and a 64-bit encryption scheme enabling secure conversations. It shall be easy to pair and form groups via Near-field communication (NFC), Docking Station or Software Suite. It shall be simple to operate with a Power and Volume Up and Down buttons. It shall allow up to 10 simultaneous groups to operate in the same area. It shall be powered via a removable non-proprietary rechargeable lithium-ion battery or via an optional 3 AAA alkaline battery compartment.

The receiver shall have a 3.5 mm TRRS CTIA compliant headphone connection allowing operation with a standard style headphones. It shall have a 64 x 128 OLED display with auto dimming allowing display of all current status (group name, volume levels, battery status, time remaining, signal strength, unit ID, etc.)

The receiver shall have a signal-to-noise ratio of 70 dB or greater and shall have an audio frequency response of 40 Hz – 15 kHz (± 3 dB). The device shall incorporate automatic battery charging circuitry to charge and maintain the lithium-Ion battery either via the micro USB port or via the docking station using the additional charging contacts on the bottom of the device.

The ListenTALK LKR-11 is specified.