**LR-5200-216 Intelligent DSP RF Receiver (216 MHz)**

The RF receiver shall be capable of receiving on 57 wide and narrow band channels.  The device shall have a programmable multi-function Listen button that can be tuned for the venues desired channels and electronically lock out any unused channels.  The receiver shall have a signal-to-noise ratio of 70 dB or greater and shall have an audio frequency response of 50 Hz - 15 kHz (±3 dB). The device shall employ a unique DSP SQTM noise reduction technology. The unit shall have a programmable squelch circuit.  The unit shall incorporate a multi-functional display that indicates battery status, inventory number and channel. The device shall have the option of being lanyard or belt clip worn and the lanyard shall have the option of an integrated neck loop. The device shall have a USB connector used for inventory control, set up, charging and firmware upgrades. The device shall incorporate automatic battery charging circuitry and use a non-proprietary lithium ion battery. The device shall have additional charging contacts to allow multiply charging options.  The Listen LR-5200-216 is specified.