

Land Mobile Radio Solutions



We proudly represent the following manufacturers:

Anritsu: The LMR Master S412E is the ideal instrument for Land Mobile Radio (LMR) and Public Safety System technicians and engineers engaged in field testing the RF performance of P25, P25 Phase 2 (TDMA), NXDN™, ETSI DMR, MotoTRBO™, and 700 MHz LTE public safety radio systems in the Part 90 spectrum allocations. In addition, the LMR Master offers support for emerging Positive Train Control systems.

The base model LMR Master comes equipped with a Vector Network Analyzer and Spectrum Analyzer, support for analysis and testing of narrowband FM radio systems, and coverage mapping of of RSSI, transmitter SINAD, and transmitter THD.

Optional support for digital land mobile radio standards including P25 (TIA-102.CAAA-C), P25 Phase 2 (TIA-102.CCAA), NXDN™, ETSI DMR Tier 2, MotoTRBO™, and ITC-R PTC is available. When equipped with the optional GPS receiver support for Coverage Mapping (both touchscreen-tagged indoor and GPS-tagged outdoor) of analog and digital LMR systems, analysis of FDD-LTE for FCC-mandated broadband public safety systems, and analysis of WiMAX (Fixed IEEE 802.16d and Mobile IEEE 802.16e) for intersite backhaul systems is also available.

The LMR Master may also be equipped with a Spectrogram Recorder, Interference Analyzer, Programmable Channel Scanner, external High-Accuracy RF Power Meter (including inline sensors), Distance Domain for cable analysis, and a Vector Voltmeter.

The high performance 500 kHz to 1600 MHz vector network analyzer can be used to sweep cables and antenna systems. To power tower-mounted amplifiers an internal Bias Tee is optionally available. Frequency Domain Reflectometry (FDR) distance-to-fault measurements are used to characterize antenna systems. The distance-to-fault measurements can easily spot poor connections, contamination, damaged cables, and water penetration. Both the Vector Network Analyzer and Spectrum Analyzer can be optionally extended to cover up to 6 GHz. Patented RF interference rejection enables accurate, repeatable measurements in the presence of high-level RF activity.

The LMR Master S412E is built on the same field-proven and time-tested 9th generation hardware platform used by the Site Master(tm) S362E, the industry's go-to standard for reliability, portability, and accuracy in line sweeping and interference analysis.

Put us to work for you.

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Datalink Systems: Datalink Systems has developed a simple implementation for email to/from Nexedge radios from/to your mail program (Outlook, Mail, etc). Datalink Mercury series products provide additional capability for you customers. Check out other Datalink data capabilities such as Networking options, GPS, keyboard texting and more.

Davicom: Davicom intelligent SNMP Monitoring systems allow remote monitoring and control of transmitter sites thereby reducing operating costs and downtime. Immediate access to real-time site information, like transmitter/two way radio status, RF power, antenna VSWR, audio/video levels, mains power presence, temperature, tower lighting, fire alarm and building security status can be just a mouse click away. Davicom Modular Monitoring & Alarm System (MMAS) for Kenwood(R) NEXEDGE(R) digital two way radios secures your investment and helps prevent trunking system downtime and loss of service.

EF Johnson, Inc.: EFJohnson is a wholly owned division of JVCKenwood Corp. EFJ brings a smarter way to P25, and we are eager to share it with you. Smarter system design makes our distributed architecture ATLAS® P25 Systems Solution the most reliable, cost-efficient system available in the communications marketplace.

Our award-winning radios are used throughout the world by military, police, fire, paramedics, and homeland security personnel. We were the first supplier to implement the AMBE+2 vocoder into our radios for superior digital sound. Our radios have remarkable versatility because of their interoperability with all Project 25 trunked and conventional modes, SMARTNET®/ SmartZone®. And incredible features of TrueVoice, Perpetual Licensing, and Armada Programming Software allow you a quality product and experience to truly enjoy.

ICOMERA: Let your transit customers to enjoy the ride using their technology devices at speed. From Amtrak to light rail to city buses. A revolution in using modern high-performance internet is here. Use a range of services that can run seamlessly thru this technology enabling transit customers to enjoy real-time information, streaming, connectivity, safety and security. Designed and engineered by Icomera, hardware and software fully integrated.

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Kenwood: JVCKenwood Corporation is a leading supplier of wireless radios for security, P25 and Nexedge commercial digital networks. We supply communications for public safety, commercial and industrial customers in most frequency bands.

- Product groups are: JVCKenwood, Enterprise Systems, Viking and Atlas Municipal Communication solutions.
- Products include: Portables, mobiles, base stations, repeaters, AVL/GPS components, status, text messaging, email, voice mail, conventional, trunking, FM, analog, digital and complete engineering and design of trunking, dispatch and interconnect systems. Our applications include conventional, DMR, Nexedge Narrowband Digital products. Our NXDN systems communicate across town and across the country.

Komutel: Digital voice logging recorders for public safety. In the mid-1990s Komutel (formerly CVDS) developed a voice recording system for the air traffic control industry. It quickly became evident that the system was ideal for public safety as well. Since 1995, we have been supplying ComLog recording systems to all levels of public safety including police departments, fire and rescue departments, sheriff and county communication centers, state and provincial police, public health departments, campus security, and many others.

Maven Wireless: Maven DAS and repeater products for Critical Communications / Public Safety are available in FM, VHF, TETRA, Public Safety LTE in 700 MHz, 800 MHz and 2600 MHz TDD bands. The Maven remotes can be equipped with both legacy TETRA together with Public safety LTE in the same enclosure. Maven DAS is a highly redundant system supporting advanced mesh, ring and tree topologies.

Pyramid Communications: Extended field communications. Pyramid Communications manufactures mission-critical communications products, mobile data terminals and mapping software for public safety agencies, utilities and private enterprise, and paging products.

We are the worldwide leader in the production of Synthesized Vehicular Repeaters (SVR). For over 25 years, tens of thousands of Public Safety officials have relied on our vehicular repeaters to instantly extend the range of virtually every handheld radio in service including Motorola, Kenwood, Tait, Harris, EF Johnson, and many more!

Richcom Power: The best replacement batteries available at reasonable prices. Richcom supplies replacement batteries and heavy-duty chargers for the Land Mobile Industry. With longer lasting exclusive Li-Ion Polymer formulations, these batteries work to -30 degrees and have up to 850 life cycles. For most popular Motorola, Kenwood, Harris and other needs.

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