The Sales Group
MANUFACTURERS REPRESENTATIVES

WIRELESS NEWS

www.thesalesgroup.com   **Southern CA, Southern NV & Arizona**

RELM BK Radio Next Generation KNG2

The KNG2 is equipped with loud, crisp audio using a large, enhanced 1W speaker and has a bright colorized screen with large display area. In addition to this, the KNG2 is IP67 dust, water tight, and durable in any environment.

TOP FEATURES

- APCO Project 25
- FDMA and TDMA Phase II
- 1-6 Watts RF Power Output
- Integrated GPS
- Bluetooth
- 3 Programmable Buttons on Side
- 5000 Channels, Dynamic Grouping
- 100 Programmable Quick Call ID's
- Busy Channel Selections

- Channel/Priority/Dual Mode/Group Scan
- Problem Prevention Features
- Birdie Free
- DVSI AMBE+2 Version 1.60 Vocoder
- Text Messaging
- Superior Audio Quality
- Long Battery Life
- Custom Programming
- Waterproof IP67 Rating, submersible
- MIL-SPEC STD-810C/D/E/F/G
- Robust PTT Design
- APCO Project 25
- Large LCD Color Display
- Field or USB Programmable
- Talk Around & Emergency Signaling
- VHF 136-174, UHF 380-470, UHF 440-512, 700-800 MHz
- Multi-Cast Vote Scan
- AES/DES/OFB Encryption
- P25 Trunking Phase I & II
- OTAR, Wireless Tactical OTAR
- Over the Air Programming (OTAP)

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GSA Schedule Contract GS-35F-0133L

WSCA Western States Contracting Alliance

BK RADIO

Microwave Networks Mission Critical Microwave

Microwave Networks provides the most reliable and flexible microwave radios in the industry. These highly reliable software defined radios offer the ability to transport both native IP and native TDM traffic and are perfect for any infrastructure, last-mile, or access application. **Provides full range of licensed and unlicensed radios from 900 MHz to 80 GHz.**

Successful networks depend on each individual piece working reliably and seamlessly with every other part of the network. The same is true for your wireless infrastructure or access system. With our family of Integrated Microwave Solutions , our radios provide a complete line of advanced, cost-effective, and reliable products that work together to solve your complete communication system's needs.

In addition to the standard Plesiochronous Digital Hierarchy (PDH) technology, all of our radio platforms offer customer interfaces for IP and data transport. This unique combination offers network operators the ability to leverage their current network infrastructure and provide an efficient evolution to their next generation networks. As voice and data traffic grow within the networks, PDH systems can be supplemented with Synchronous Digital Hierarchy (SDH) platforms to carry data as high as 311 Mbps.

With over 40 years in the microwave radio business, (formerly Motorola Microwave) we are dedicated to producing products and services that meet new and emerging market requirements as well as traditional, established microwave radio applications. **Microwave Networks Offers Full Turnkey Solutions and Maintenance Support Services**

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www.microwavenetworks.com

Check out BIRD's new Sitehawk

Small Hand-held unit covers 85—4000 MHz range
- Easy to operate and field ready for first-time and   occasional or experienced users.
- Other applications include 3G, Broadcast, Tactical, Military, Microwave, Paging, and Public Safety Trunking.
- Color display is clearly visible in direct sunlight.
- With single download you can view data as Distance to Fault, or Measurement Match-no need to store two traces.
- FDR measurement method results in a highly reliable assessment of the health of critical components in your system; ultimately providing a "heads up" before failure occurs.
- Fault location or DTF mode indicates VSWR or Return Loss levels at each point along the cable and antenna system.
- Cable loss function measures insertion loss of the   cable system over a given frequency range.
- USB communications ports for connection to storage devices.

Download spec sheet at: www.birdrf.com

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CODAN releases the Storm and Lite for Stratus

Codan Radio Communications has launched the Stratus Storm smartphone app and Stratus Lite as next generation capability for its Stratus product portfolio. The Stratus Storm app enables non-radio carrying users to seamlessly communicate on their P25 network, providing a direct link into a Stratus wide area network from anywhere with cellular coverage. The app is supported on both Android and iOS platforms.

"The addition of the Stratus Storm app provides a more robust and complete Stratus Network solution, enabling new users to be added to a secure P25 network as easily as installing an app on a smartphone, at a fraction of the cost and time to add new subscriber units" said Ben Pearce, Director of Sales at Codan Radio Communications.

In addition, Codan Radio has released Stratus Lite, a compact P25 repeater/base station that has an optional expansion to a full Stratus repeater to enable future LTE (3G/4G) capability. Stratus Lite has all the strengths of a standard Codan repeater; low power consumption, ruggedness and rapid deployment, while also enabling a customer to upgrade with an LTE modem, Universal Interface Card and cellular networks optimized P25 DFSI firmware to enable P25 communications over LTE.

Stratus Lite gives customers the ability to invest now in the future capability of their P25 network. With Stratus Lite, they receive the repeater and/or base station functionality they need immediately, then can optimize their P25 coverage area in the future with the LTE upgrade.

BIRD Channel Power Monitor

Be assured that your communication system is up and running at all times with Bird's new Channel Power Monitor. It provides you with continuous information on the health of each component of your system that is accessible on any computer or tablet on the network or even the phone in your pocket.

The Channel Power Monitor is comprised of a 1 RU central processor and a variety of sensors, which work together to monitor all components of a radio system, including each individual radio, the combiner, the feed lines and antenna. These inexpensive sensors are placed throughout the system, with a 5% accuracy that is traceable to NIST and as reliable as you have come to expect from Bird Technologies.

The Channel Power Monitor hosts its own webpage for setup and display of all measurement parameters. This enables you to access the system from any computer, tablet or phone on your network, only limited by your network security. The webpage displays all measurements and easily allows you to set up alarms for failure conditions such as high or low power or poor antenna VSWR. The unit includes both software and hard contact alarms and can even be configured to send you an email to alert you to an emergency condition. Also standard, is Data Logging, which takes reliability one step further by enabling you to see degraded performance before it becomes an emergency.

Watch video presentation:

https://www.youtube.com/watch?v=LomAS13TmHA

The Sales Group Represents EXACOM Recording Solutions

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Integrations for Most P25, RoIP & Trunked Radio Systems
Supports Fault Tolerance and Redundancy
Raid 5 and NAS Options Available
NG911 Ready

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