



*The Sales Group* MANUFACTURERS REPRESENTATIVES

# WIRELESS NEWS

**Upcoming Events**

**NAPCO (APCO)**  
monthly meeting  
September 11 at the  
Hilton Doubletree Hotel,  
Pleasanton, CA

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portable dispatch  
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Introducing the  
VISOR INTEROP  
Repeater

[www.thesalesgroup.com](http://www.thesalesgroup.com)

Northern CA, Northern NV & Hawaii

## BIRD Rack-Mount SIGNALHAWK and the new Handheld SITEHAWK

Over an Ethernet network, you can remotely analyze the performance of your system and diagnose problems from any computer on your network, whether in the same room or half way across the state.

**High performance in a Rack-Mount Spectrum Analyzer**

1. Fast, accurate, and sensitive: 66dB Dynamic Range and -135dBm Noise Floor.
2. Minimal rack space only 2RU
3. Eliminates trips to difficult locations.
4. Same "spectrum analyzer" functionality as our hand held unit, all from your office PC.
5. Along with our BPME you can view your RF Spectrum and be alerted to any RF Power alarm. A total one stop package.
6. Built in FCC compliance masks
7. Waterfall display.



MSRP \$5450.00

### BIRD TECHNOLOGIES new SITEHAWK



MSRP \$2450.00

1. One unit covers 85—4000 MHz range.
2. Easy to operate and field ready for first-time and occasional or experienced users.
3. Other applications include 3G, Broadcast, Tactical Military, Microwave, Paging, and Public Safety Trunking.
4. Color display is clearly visible in direct sunlight.
5. With single download you can view data as Distance to Fault, or Measurement Match-no need to store two traces.
6. 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.
7. Fault location or DTF mode indicates VSWR or Return Loss levels at each point along the cable and antenna system.
8. Cable loss function measures insertion loss of the cable system over a given frequency range.
9. USB communications ports for connection to storage devices.



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**More information at:**  
[www.birdrf.com/  
Products/analyzers](http://www.birdrf.com/Products/analyzers)



# MOSELEY Digital Microwave Radio

Moseley Associates of Santa Barbara, California, is a **US manufacturer of high performance fixed microwave radio link equipment** since 1959. Moseley Digital Link radios include all-indoor and split indoor/outdoor Link Solutions featuring OC3, GigE and multiple T1 interfaces. We take pride in our 50+ years of delivering quality equipment and support services to our customers.

Moseley **Full Duplex Digital Microwave Radios** are available in USA Licensed and Non-Licensed frequencies ranging from **900 MHz up to 38 GHz** with field configurable TDM and Ethernet features. Moseley Digital Microwave Radios support XPIC, channel stacking, space diversity, Monitored Shot Standby configurations for high data throughput capacities and long haul wireless link reliability. Applications served include the following:

- Secure Information Technology Ethernet Microwave Radio Networks
- Public Safety Microwave Radio Multiple and Single Hop Networks
- Critical Infrastructure Microwave Radio Link Networks
- Protected Loop Microwave Radio Link Network Configurations
- Water and Waste Water Telecommunication Link Requirements
- Agriculture and Irrigation facility Link Networks
- Rural Internet Service Provider Ethernet Microwave Radio Networks



More information at: [www.moselevsb.com](http://www.moselevsb.com)

# BK KNG Command Radio VHF, UHF & 7-800

RELM Wireless P25 KNG Command KNG-P150CMD portable and the KNG-M150CMD mobile radio with the latest **CAL-FIRE** feature set. These VHF radios (136-174 MHz) have 2048 channels with user custom defined groups. The Command version is NOW available in UHF 380-470 MHz and 700/800 P25 Phase I with P25 Trunking available in all three frequency bands.

Long Battery life, 12 hours with standard 2100 MAH battery, 14 hours with the AA Clam shell and 22 hours with the 3600 MAH battery. IP67 Submersible. Available with optional IS (Intrinsically Safe) certification.



**BK Radios Proudly Made in the U.S.A.**

More information at: [www.relm.com](http://www.relm.com)



## AVTEC Scout with *new* Ranger Accessory

Ranger is a premium accessory for Scout™ console systems that provides portability and a concentration of Scout's key dispatching features. It operates on Windows 7 devices such as laptops and tablets, and is ideal for senior staff who need occasional access to the communications infrastructure, such as during an emergency or crisis situation.

Ranger uses Scout's pure-IP infrastructure to provide access to four radio channels. There's no required proprietary hardware and it works with commercial, off-the-shelf Bluetooth® headsets and USB speakers. You can also use the laptop's internal microphone and speakers.

Each Ranger instance is licensed separately and requires using Scout 3.0 or a later version. Licensed Scout console positions can be converted to a Ranger position without requiring an additional license. For existing Scout 3.0 customers we are now offering a free 90-day trial license, which can be requested through an Avtec account manager or authorized reseller.



More information at



[www.avtec.com](http://www.avtec.com)

## SAGE UCTT Base Station LTE Test Instrument

The new SAGE **Universal Cellular & LTE Test Tool** (UCTT) 8901 is the industry's most advanced and versatile portable test instrument for base station deployment and troubleshooting. The UCTT combines a laboratory quality spectrum analyzer, an innovative antenna tester and fully integrated backhaul test capabilities for E1/T1, Ethernet (10/100/1000), and OC-X. In addition, the UCTT provides in-depth demodulation and monitoring capabilities for all 2G, 3G and 4G LTE technologies.

The UCTT represents a new generation of multi-functional test tools to serve the emerging 3G, 4G and LTE wireless markets. Its powerful software radio technology enables operators to more accurately assess wireless service performance and more quickly isolate problems with transmission, modulation quality and synchronization.



[www.sageinst.com](http://www.sageinst.com)

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QUALITY INTEGRITY SERVICE

# CODAN's new VISOR INTEROP

In an emergency, there's no time to set up a multi-agency communications system and get your users ready—you want to communicate in an instant. You want to talk with other emergency response agencies immediately to save lives and provide aid.

VISOR INTEROP makes saving lives a priority. A Transportable repeater pre-programmed with mutual aid frequencies established by the FCC which provide communications interoperability between emergency response agencies on the ground when responding to an emergency. No additional set up or configuration is required, just set up the antenna and external power source and talk for instant communications between agencies.



## Mutual Aid Frequencies

VIZOR PACKAGES	FREQUENCIES	CHANNELS*		
Vizor Interop VHF Tactical 1	VHF	VTAC17	VTAC36	VTAC37
Vizor Interop VHF Tactical 2	VHF	VTAC33	VTAC34	
Vizor Interop VHF LE 1	VHF	LE1, LE2	LE3	LE4, LE5
Vizor Interop UHF Tactical 1	UHF	UTAC41, UTAC42, UTAC43		
Vizor Interop UHF LE 1	UHF	LE10, LE11, LE12		
Vizor Interop 700/800 Tactical 1	700/800 MHz	7TAC51, 7TAC52, 7TAC53, 7TAC54, 7TAC55, 7TAC56	7TAC71, 7TAC72, 7TAC73, 7TAC74, 7TAC75, 7TAC76	8TAC91, 8TAC92, 8TAC93, 8TAC94

\* Each channel or channels in a column require a separate duplexer, mounted on a quick swap panel & included in the package

- VHF, UHF and 700/800 MHz Frequency band options.
- P25 or analog, repeater or base station
- Lightweight at 28 pounds.
- Robust operating temperatures of -30 to +60 C.
- Passes P25 Encrypted Communications
- RF Output Power of 30W
- Preprogrammed to local and national mutual aid frequencies.
- Capability for programming with agency specific frequencies up to 32 channels.
- Frequency agility with internal quick change duplexer and easy to use service software.
- External 110/220 V AC or 12V DC Power with optional internal connections
- Optional battery case
- Optional solar kit
- Optional mast kit
- Optional antennas

**CODAN**  
RADIO COMMUNICATIONS

**DANIELS™**  
ELECTRONICS LTD.

More information at: [www.codanradio.com](http://www.codanradio.com)