



# Alster/News

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LLC

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## IWCE - New Products - Relm

Relm Wireless introduced their next generation portable radio last year at the IWCE Show. The KNG-P150, VHF, P25 Digital Portable, while not replacing the popular DPH, was a new form factor and had much more memory for software enhancements.

Late in 2008, Relm introduced the KNG-P400, 380 – 470 MHz, UHF portable. Having the same form factor as the P150, the P450 has the same software ability to redefine itself in programming. The P400, covering government low UHF through commercial is being sold as fast as Relm can produce them.

### New At IWCE

This year Relm will intro-

duce the KNG-P800, 700/800 MHz, P25 Digital Portable that is built to last and built smart with loaded features. Its menu system is easy to use and complete with virtually endless options.

You can PC program this radio through USB and clone in just minutes. Communication is essential in the field and on the streets. The P800 is essential if you want reliable, durable and safe communication.

### IP67 Submersible

Designed with the mission in mind like the P150 and P400, the P800 is ideal for government agencies and military personnel.

Sharing the IP67 submersible rating as the P150

and P400 assures the P800's protection against dust and water. The P800 is small, sleek, and solid.

### Demo Units

The Alster gang will receive our P800 demo units very soon and are anxious to get them into your hands for evaluation. We will be contacting you so you can take them on a test drive. Ω



Relm Wireless  
P150, P400, P800

## Daniels - P25 Five + One Trunking

At IWCE Daniels will be launching its new P25 Five + One Channel Trunked Radio System which provides a small, compact, low power stand alone system.

P25 Digital and mixed mode communications for Police, Fire, or Utilities is

now available through Daniels.

### Stand Alone System

It is a complete radio system that can be quickly deployed on a temporary or permanent basis without necessitating complex net-

work or console interfaces.

The P25 Trunked Radio System from Daniels uses the existing MT-4E P25 Conventional Hardware platform and requires no changes to the RF hardware. Come by booth number 119 for more. Ω

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## JPS - Anti-Terrorism Technology

Raytheon's ACU product line has received the designation of Qualified Anti-Terrorism Technology and has been placed on the United States Department of Homeland Security's Approved Product List.

### Anti-Terrorism

This designation satisfies the criteria set forth in Section 441(b) of the Support Anti-Terrorism by Fostering Effective Technologies (SAFETY) Act, and distin-

guishes Raytheon as a manufacturer and provider of anti-terrorism devices designed to allow existing, disparate communications systems to cross connect with one another.

The designation also includes customer training and warranty services, technical manuals, and the qualifications of the personnel providing these services.

The SAFETY Act provides important legal liability

protections for providers of any product or service designated as a Qualified Anti-Terrorism Technology.

The SAFETY Act requires that technology performs as intended, conforms to specifications, and is safe for use as intended. To receive the designation, sufficient information including test data and documented operational performance data must be provided. Call me for more information and demo applications. Ω



**ACU-1000 Qualified Anti-Terrorism Technology**

## Siren Control To Narrowband

Federal Signal offers narrow banding to its existing One-Way Siren Systems. The modification from wideband to narrowband is done at the factory, which means you need to send the radio(s) to FWS.

Please call our customer care dept at 800-548-7229 and request part number:

ES-RMA-NBR-1. This is for one radio.

If you have from two to ten radios, use part number ES-RMA-NBR-2. For eleven or more, please use part number ES-RMA-NBR-3.

Please note - radios must ship at the same time to qualify for the quantity discount.

### Obsolete

Due to parts obsolescence, modification is not available for UC, ARC, SC, Tbolt, 6 battery 2001DC controllers, FC with 2001209 board EOWS\*, MC, MCP, Plectron and VAR.

Call me for additional information. Ω

*Federal Signal sirens that have wide band receivers can be upgraded to narrowband at the factory*

## Times Microwave Sealing Tape

Times Microwave introduced a new weather sealing tape. This tape is a dramatic improvement versus current weather sealing materials that are available in the industry today. It is 100% silicon and has been time and weather proven in outdoor connector sealing applications.

It stretches to form around virtually anything and seals tightly against itself to form a water tight barrier. While it is water tight, it does not stick to the material being sealed. Therefore, even tape that is spiral-wrapped in multiple layers is quickly and easily cut off a cable or mated pair

of connectors with just one light touch of a razor-edged knife.

### Free Sample

Next time you see me, be sure to ask for your free sample. The package has all the order info you need, and will give you a chance to try it yourself. Ω



**Times New Sealing Tape**



## TXRX System - Signal Booster II

The New Signal Booster II provides Public Safety grade reliability and coverage in disadvantaged RF locations for First Responders, Public Safety and Governmental agencies as well as Private System Users.

Reliable RF coverage is gained in basements, parking garages, correctional facilities, courthouses, hospitals, malls and schools. In addition, the Signal Booster II works well in subways and rapid transit systems,

airports, stadiums/arenas, high-rise buildings and large private enterprise facilities and campuses.

### System Gain

The key to choosing the right booster for you is the system gain required by the end user. Let us help you design the system taking into consideration donor signal strength, floor or coverage design, system gain and antenna design.

### Antenna System

The second part of the system, after working out the system gain, is the antenna system. You usually choose between a Distributed Antenna System (DSA) or a leaky-feeder.

The leaky-feeder provides a more flexible design tool and allows the user to position the booster in more convenient areas.

Please give me a call. Ω



**The TXRX Systems  
Signal Booster II**

## Aeroflex - 3920 Upgrades

The 3920, by Aeroflex, is the latest in next generation portable test for advanced professional analog and digital radio communications. Building upon the long-standing 2975 reputation for excellence in professional radio communication test, the 3920 from Aeroflex sets a new benchmark for quality, ease of use, per-

formance and value.

The 3920 is capable of testing these waveforms: Analog FM, AM, AM Sideband; Digital P25 Conventional, P25 Trunking; Tetra BS, BST1, DM, MS, MST1; Smartnet™ and Smartzone™ (All brands); DMR, Digital Mobile Radio; HPD® High Performance Data.

### Demonstration

It also has Auto Alignment properties for Motorola XTS-5000 and LMR FM Analog Auto-Test Applications for automatic tests on the EIA/TIA-603 test document.

Please give me a call so we can set up a demonstration for you. Ω

*Aeroflex 3920 continues the standards set by the 2975 with the addition of Tetra and HPD testing*

## New Products IWCE

### Larsen Antenna

Larsen Antenna will be showing their new GPS Tri-Band Mag Mount antenna. This antenna allows you to receive GPS signals for your navigation system and communicate on two other bands. They will also have their popular Kuldukie and

SPOT portable radio antennas on display.

### Multiplier Battery

Multiplier will also show their new Lithium batteries for Motorola, Kenwood and several other brand portable radios. They will also announce their new name and management change.

### Otto

We have heard rumors that Otto will be displaying their new Bluetooth headset for your evaluations.

When you get to IWCE, be sure to look for the Larsen, Multiplier and Otto booth to see their latest products. Ω



**Larsen - Low Cost  
Great Variety**



## Survey Technologies - RF Mapping

Survey Technologies provides RF measurement, reporting and analyzing using the most complete, cost-effective, and easy-to-use laptop signal analysis system on the market.

### STI-9400

Now you can analyze RF signal coverage completely, get real time results, and even print your reports while in the field. The STI-9400 series systems incorporate GPS technology to fully automate drive test measurement, analysis and report of RF signal coverage across geography.

Critical for New Site Setup, Proof of Performance and Ongoing System Maintenance, the 9400 quickly and cost effectively translates large amounts of signal measurement data into clear concise reports.

### STI-9450

The STI-9450 is essentially the same GPS based signal measurement and analysis system as the 9400, only it is installed on your laptop computer. The STI-9450 includes; STI Field Test 6 software, a GPS receiver contained within mounting hardware, a magnetic mount GPS antenna and street map data for the entire USA.

### Software Only

The STI Field Test 6 software package is integrated into the more complete solutions above or it can be used to automate an RF instrument that you may already own. The newest interface developments available for STI Field Test 6 are for the Aeroflex / IFR 3500A and 3920 radio test sets.  $\Omega$

### ACES In October

Mark your calendars for October 6/7/8, 2009. Here are the dates and locations where we will hold ACES:

**Tuesday - October 6**

**Salem, OR**

**Wednesday - October 7**

**Issaquah, WA**

**Thursday - October 8**

**Anchorage, AK**

We will have technical seminars, new products in the exhibit area, a free lunch and lots of door prizes. So, come to learn and have a chance to win. You will enjoy yourself at ACES meeting your colleagues and learning something new.  $\Omega$



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