

Alster News

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Daniels Chooses Alster - New Rep

Alster Communications, is very excited to announce that Daniels Electronics, LTD, has chosen us to be their representative for the Pacific Northwest and Hawaii.

Base Stn/Repeaters

Daniels manufacturers modular rack mounted base station and repeaters in Low VHF, VHF, UHF and 800 MHz. They are known for low current draw, high reliability, operating between -40C to +60C, taking little rack space, being rugged and flexible.

We are thrilled to be associated with such a strong name in our market place.

Daniels P25 Training Bellevue Anchorage Honolulu Boise

We just held ACES in Boise/Helena/Spokane and you know that we are very training oriented. We want to invite you to attend an overview of P25 - what it is and what it isn't, given by Daniels. The 1/2 day seminar will be held in **Bellevue** at the Hilton on Monday, November 17. It will be repeated in **Anchorage** at the Embassy Suites on Wednesday, November 19. It will be repeated in **Honolulu** at the Ala Moana



Daniels Modular
Transmitter and Receiver

Hotel on Friday, November 21 and then in **Boise** at the Hilton Garden Inn on Monday, December 8. So please mark your calendars and email sales@danelec.com or call me to register. For more information type in the link below:

<http://www.danelec.com/company/news/events.asp#Seminars>

Alster will be attending training at the Daniels factory in December to be brought up to speed on their base station, repeaters and other great products.

In the meantime, if you have questions about Daniels, please give us a call and we will do our best to answer them. Ω

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Thank You - Our Customers And Factories

The six Alster guys want to thank our customers for their support this year. As commission only sales people, the only way we create income for our families is when you choose to buy products we represent.

We know there are a lot of products that compete with what we have to sell. Therefore, every time you compare our products with our competition and choose those we represent, we are grateful.

We also recognize that if our factories did not produce products that engage the end user, our customers would not choose those products. So, thank you to the engineers and marketing staff who dream up the new products.

Finally, we ask you to take extra time the Holiday Season to tell your family you love them and be thankful we live in our great county. Ω

Upgrade Your Aeroflex Software For Free

Aeroflex announced the release of version 3.3.1 firmware for the 3500/3500A Series of Radio Test Sets. This software release provides a number of enhancements compared to 3.2.0 including updated menu structure.

The unit's soft-keys now support the selection of 1 of 4 menus (Meters, System, Self-test, and Utilities). There is also the consolidation of duplex and drive-by tests, these are no longer broken out separately. The consolidation of ANT-CABLE test screens provides one access to all cable fault tests to improve ease of use.

Tile-to-tile movement is now from left to right and top to bottom (like reading a book), including the DCS decode tile. DTMF encode/decode functions have been improved

with the decode function having its own tile. Encode is part of the modulator tile.

Frequency Find

Frequency find is similar to Autotune except that it is a one-time find, not continuous that finds the RF signal with the highest signal strength. The Audio level meter is for audio inputs with Hold and Save operations when resume key is held down. By pressing the resume key for two seconds, the system saves a *.BMP file of the screenshots and reports files to internal memory that can be transferred to an A-Data USB stick - AData USB sticks are available from Aeroflex.

Modulator tile now operates with choice of three different configurations, Gen 1 and Gen 2, Gen 1 and DCS, or Gen 1 DTMF. Ω



Aeroflex 3500 Hand Held Service Monitor

Valmont/Microflect - Portable Base Monopole

The new Portable Base Monopole is the perfect solution for any situation that requires a temporary site or a permanent site where a foundation isn't possible.

Portable Base Monopole

The Portable Base Monopole has the potential to support a 130' structure with 3 to 5 carriers, the base can be installed on blacktop or gravel and requires one counter weight per corner.

No matter what your field conditions, your load requirements or design criteria,

Valmont Structures has a solution.

3/4 Legged Towers Too

In addition to Monopoles, Valmont also manufactures 3 and 4 legged towers for a variety of communications needs.

Their wide breadth of product allows you to choose the best match for your application, whether a custom design or pre-engineered structure.

Call your Alster Rep for a "Tower Worksheet" to help configure your next structure. It is easy and Valmont will respond soon. Ω

Valmont introduced a portable base monopole for quick deployment of a communications pole

Relm's DRH Tactical Repeater

Combine two BK Radio DMH digital mobile radios and enable the DRH tactical repeater to extend digital/analog network coverage whenever and wherever needed. This package is fully compliant with APCO Project 25 specifications for digital public safety radio and provides more **Radio for Your Dollar** - times two.

You get 136-174 MHz VHF coverage with 400 channels and digital/analog operation (backward-compatible with all analog

radios). You also have programmable RF power from 15-50 watts with Flex-Mode per-channel narrowband/wideband channel spacing. Add mixed-mode, digital and analog operations on each channel plus Automatic Mode Detection and you have a very flexible tactical repeater that can go where you go.

Finally, ultra-secure multi-level password programming protection and DES/AES encryption options secure your repeater. Ω



Relm DRH Tactical Repeater

Bird/TXRX Systems Tower Top Amplifier

The new compact **Tower-Top Amplifier (TTA)** system from Bird/TXRX Systems is a high performance, quadrature-coupled low noise amplifier (LNA) designed to increase the performance of a **Base Transceiver Station (BTS)** while ensuring reliable communications for critical Public Safety applications. This increase in sensitivity can make up for the imbalance between mobile and handheld users in critical systems.

Two Components

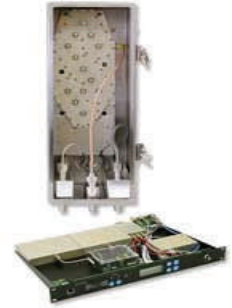
The TTA system consists of two components: the Tower-Top Amplifier mounted close to the antenna and the Receiver Multi-coupler base unit. To reduce the size of the

TTA and simultaneously provide 120 dB of isolation of a TX carrier, filtering has been split between the TTA and the base unit.

Redundancy

Two independent LNA's, each powered by separate bias circuits, provides component redundancy as well as excellent inter-modulation (IM) performance. Microprocessor-controlled fault detection circuitry provides continuous monitoring and switching of each quad-LNA while sending operational data to the base unit for at-a-glance status reporting and form C contact alarm switching.

For more info, please give me a call. Ω



**Bird/TXRX Systems
Tower Top Amplifier**

Larsen - 4.9 GHz Public Safety Antennas

Since the rollout of the 4.9 GHz public safety network, Larsen has responded to the needs of the market by developing a complete offering of mobile and small base antennas for 4.9 GHz applications.

As wireless data finds its way into the mobile environment, driven in part by local municipalities and homeland security, many cities are choosing to use IP-based technology in potentially vulnerable areas.

For example, cities are installing digital cameras with wireless feeds to monitor traffic lights, public buildings, sports venues and

other large public gathering areas where effective visibility is needed if emergency services are called into action.

With broadband wireless access, an emergency vehicle's mobile data computer (MDC) can be updated with current department files as well as live video feeds.

Larsen offers a full line of antennas for complete WLAN solutions. Our unique line of high frequency mobile antennas features our exclusive NMO HF (high frequency) mounting interface.

Please call for a demo antenna. Ω

*Larsen makes a
wide variety of 4.9
GHz Broadband
Public Safety
antennas*

JPS/Coscomm - Satellite Communications

JPS announced their ability to use SatPhones and other data devices, from CosComm and others with their ACU products. This enables you to communicate from your radio to a regular telephone or sat phone. Find out how by reading the *First Responder's Guide to Satellite Communications* from **Satellite Industry Association (SIA)**, the leading voice of the U.S. Satellite Communications Industry. The Guide is a comprehensive overview and tutorial of sat-

ellite technology and its role in response to natural or man-made disasters.

Contents include an overview of satellite communications capabilities; video, voice and data applications; equipment requirements and easy to follow steps for connecting with satellite through various types of terminals and solutions including the ACU-1000; and a glossary of terms, definitions and frequencies. Please call me for more information. Ω



**JPS ACU-2000
Interoperability**

ACES in Honolulu, February 12, 2009

The Alster Communications Electronic Showcase will make its third presentation in Honolulu on Thursday, February 12 at the Ala Moana Hotel.

Expected factories include Aeroflex, Bird Technologies, CosComm (Satellite Communications), Daniels Electronics, Larsen Antennas, Multiplier Batteries, JPS Communications, Survey Technologies, Times Microwave Cable, TXRX Systems, Valmont Communications and Watson Dispatch Furniture.

Seminar Topics

We are asking for your suggestion for seminar topics in Honolulu. In the past we have had In-Building Design Techniques, EDACS and P25 Service Monitor Set Up, Interoperability, Chemistry of Replacement

Batteries, Line Sweeping Techniques and 4.9 GHz Antenna Applications.

We can repeat, modify or change any or all of these seminars - all we need to know is what you want.

www.alster.com

You can go to www.alster.com and email me your suggestions or fill out the enclosed form and fax it back to 425-379-2574 - or just give me a call and let me know what you want.

Hawaii 2009 - ACES

The third Hawaii ACES will be held at the Ala Moana Hotel, Thursday, February 12, 2009, in Honolulu - please join us. Ω

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