

Alster News

Alster Communications,
LLC

Volume 14, Issue 4

April, 2010

IWCE - New Products

If you attended the IWCE Show this year, we hope you enjoyed it as much as we did. It was busier this year than last year and each of our product lines had new products to display!

Here is some of what's new this year:

Aeroflex

Aeroflex demonstrated the 3250 Spectrum Analyzer.

Daniels

Daniels displayed their new ET-6 Transportable Repeater, which is a direct replacement for the Motorola PDR.

Larsen

New product NMO-HF-GPS was shown.

Otto

Otto introduced several new products and a show price discount, which is good through April 29.

Relm Wireless

Relm demonstrated two new products, the KNG-M150, touch screen, VHF, Mobile Radio and P25 VHF trunking portable.

Survey Tech

Displayed their new compatibility with the Aeroflex



Relm Touch Screen VHF Mobile

3920 and 3500 monitors.

Times Microwave

Times launched the new Times-Protect™ lightning and surge protection product at IWCE, which protects your RF equipment from lightning.

TXRX Systems

TXRX Systems will be introducing 700/800 MHz Ceramic Combiners and UHF single channel boosters.

Valmont

Valmont displayed new products from Site Pro I Components.

Let us provide technical brochures on any or all of the product listed here. Ω

Raytheon - Demo Trailer

The Raytheon Demo Trailer was a major highlight at this year's IWCE. This impressive demo unit is 53 feet long and can expand to 733-square feet when on location. The purpose of this demo trailer is

to illustrate the system maturity of the interoperability product line while producing an understanding of solutions migration ability to its visitors. Raytheon is able to illustrate this by introducing its WAIS, P25,

AC-1000 and 2000 solution. This year's IWCE was the trailers first appearance and Raytheon hopes to take trailer across the US. Please visit Raytheon's website for in-depth detail on its product exhibits. Ω

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Daniels Celebrates 60 Years

At the IWCE Show, Daniels celebrated 60 years in the radio business. They also introduced a new product called the ET-6.

30-Watts

The ET-6 is a 30 Watt Stealth Repeater. The size of this repeater is between the ET-4 and ET-5, and like its two brother systems it supports standard Daniels radio modules (VHF, UHF, 700 MHz or 800 MHz)

along with a 30W PA and duplexer.

The ET-6 can be configured for either repeater or base station operation. The case is rugged, water proof and weighs less than 40 pounds making it easily deployable by one person.

Optionally it can have no external connectors or markings. All connectors (RF, DC, AC) can be optionally located inside the case on an easy to access connection panel making it

a stealthy case designed for police surveillance.

Solar Blanket

Another product they displayed, although not new, was the solar blanket/solar panel product. This unit produces charging current for stealth repeaters or other remote radio equipment. It has a regulator and other controls to make it ideal for battery operated sites. Ω



**ET-6 Stealth
Transportable**

Narda - SRM3006 RF Protection

Are you aware of E-M-R in your Environment? If you are asking what is E-M-R, the safe bet is you don't.

Electro-Magnetic Radiation is a term used to designate artificially generated electromagnetic pollution, meaning electric (E) fields and magnetic (H)

fields. Such fields arise in power plants, mountain top radio sites or wherever there is voltage or current.

These electromagnetic fields also arise in industry, business and the home, where they affect us, even if we don't "feel" it.

Narda provides protec-

tion in these environments by measuring the amounts of radiation. The newly released.

SRM3006 can measure radiation from a single emitter in a multi-emitter environment.

Call us today for your protection! Ω

*Narda RF Safety
NBM3006 Multi-
Emitter Protection*

Lyncole Training - Seattle

How important is grounding on your Communications System? Pretty easy question right? Have you tested your ground system design to about 1.5 Ohms?

Wait.... Red Flag!!!

It is very unusual to have a correct reading less than 1.0 ohm. Not many ground

systems are below two ohms, certainly without a design and construction effort. If an unexpected low reading is observed the operating principles of the meter should be reviewed and the test connection point should be reconsidered.

Lyncole designs, tests and

provides all equipment for your grounding needs. Let Lyncole come to you and train your agency on what ACTUALLY is going on in your grounding system. You will learn why using Lyncole XIT grounding products will improve and protect your radio site. Call for more details. Ω



**Tom Faulkner
Industrial Comm/SPK**



TXRX Single Channel Booster

The Bird Electronics UHF Channelized Signal Booster, Signal Booster III Series, operates in the 450-512 MHz range available in 1 – 30+ channels.

Channel bandwidth is user selectable (12.5, 25 KHz, and custom). Original user interface allows system to be quickly reconfigured to adjust to a changing RF environment. The unit can be used as a head end booster for a system that acts as a donor “off the air”

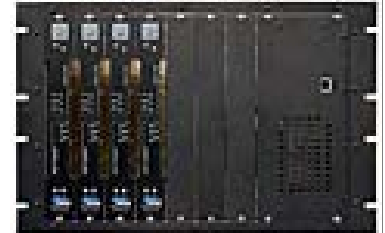
in an RF congested area. One channelized booster can connect to any number of broadband boosters (SBII or SBI). The UHF Channelized Signal Booster provides Public Safety grade reliability and coverage in challenging disadvantaged RF conditions. Let your Alster rep help configure the best solution for you!

RM Spec An

The rackmount SH-36S-RM spectrum analyzer includes

Ethernet and USB connections for local or remote communication. 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 halfway across the state.

The space-saving, efficient design has been packaged to fit into a standard two-rack unit slot. Call me today for demonstration/pricing. Ω



UHF Channelized Signal Booster

Times Self-Bonding Silicone Tape

Self-Bonding Silicone Tape is a cost effective, labor saving alternative to traditional Vinyl Mastic and Butyl Rubber sealing kits.

No Mess Going On

There is no mess and no need to protect the silicone with layers of PVC tape.

Proper weather sealing to prevent the ingress of mois-

ture is critical to the long term reliability of all antenna feeder cables.

Potential weather conditions such as snow, ice or rain in combination with severe heat, cold and high wind require special care to be taken during the weather sealing process.

You do not need to add another layer of protection.

Easy To Remove

Because you have not added a second layer of unnecessary protection, you do not need to remove it. Just take a sharp knife and cut through the silicone tape to expose a safe, dry connection. Available through your local distributor at your discount. Ω

Times Microwave Self-Bonding Silicone Tape is a better answer for making safe, dry connections

Aeroflex - Auto Tune/Drive Test

Why do your technicians waste valuable time testing and aligning your radios? With the 3900 series and AutoTest II your techs can be doing other operations instead of wasting time on repetitive tasks.

Does it Itself

The main advantage of

the AutoTest it that it completely tests the radio itself. Available on Motorola XTS and many other radios in the near future.

Drive Testing

Also very popular in the booth was the 3500A portable radio test set – weigh-

ing in at only 8 lbs and a battery life of 5 + hours the unit has a spectrum analyzer with -136 dBm noise floor and optional o-scope. Also with the latest software upgrade you can run the Survey Tech Field Test 6 drive test software. Ω



Aeroflex 3500 With STI Software



Larsen - New NMO/GPS Antenna Otto - New Pro Series Speaker-Mic

The Larsen booth was well attended this year. Larsen's line of antennas include low band all the way to 5.9 GHz.

New NMO/GPS

With the introduction of the new NMOHFGPS series, Larsen has combined the high performance of a GPS antenna with the flexibility of adding virtually any Larsen NMO mount antenna from 27MHz to 6.0 GHz.

Simply pull the center pin to convert from low frequency to high frequency applications. Pulling the center pin creates a coax-type connection that is optimal for high frequency applications and the larger center contact pin provides additional strength against downward compression during low frequency

installations, resulting in better "Low Frequency" VSWR. Give me call for more information.

Otto New Pro Series

The New Pro Series Speaker Microphone from Otto Communications was very popular at IWCE this year, it has a sleeker, more ergonomic profile.

A field replaceable, heavy-duty cable assembly with quick disconnect RJ45 connector makes this speaker mic ideal for users with multiple radio platforms. The Pro Series Speaker Microphone is tough enough for professionals in the Industrial, Hospitality and Public Safety sectors who have to always be alert, always be in touch and always be on top of the situation. Call for a demonstration. Ω

ACES 2010

We will be holding ACES on October 5/6/7, 2010 so mark your calendars for the first full week of October when we will be in:

Boise, ID - Tue 10-5

Helena, MT - Wed 10-6

Spokane, WA - Thru 10-7

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. Ω



Steve Stouffer
PO Box 12428
Mill Creek, WA 98082

800-365-1272 voice
425-379-2574 fax
steve@alster.com

Find us fast at
www.alster.com