



Alster/News

Alster Communications,
LLC

Volume 13, Issue 5

May 2009

Two New Lines For Alster

Alster Communications continues to evolve as a representative. In April, we have been chosen by two significant manufacturers as their new rep: EXFO and Narda East.

EXFO

EXFO is a manufacturer of Network Test and Monitoring Equipment for Copper and Fiber Optic Solutions. Our markets include Cellular Carriers, Public Safety and Utility.

Founded in 1985, EXFO has 1200 employees providing transport, datacom, optical and access testing product. They are a leader in customer satisfaction. Beginning by understanding what the customer needs, building it better and faster

than anyone else and supporting you after the sale with 24/7 customer service.

People choose EXFO because of Design, Development and Service Assurance. They recognize that you are the reason they are in business and when you choose their product, they need to earn your decision for your next product.

Narda East

Narda East is a manufacturer of RF Safety EMF devices and fixed and passive components, Electro-Mechanical and PIN Diode based switches and RF attenuators.

They are also a leading manufacturer of Advanced Microwave Integrated Circuit Technology.

RF Safety

Narda makes personal RF monitors like The RadMan and the NardalertXT. Both products are individually worn, measuring RF exposure and warning the wearing to move when limits are exceeded.

They also make Broadband EMF meters to 100 GHz. Please call me for a evaluation or demonstration. Ω



Narda NBM 550

Bird Handheld Digital Meter

The handheld digital power meter has been completely redesigned by the Bird 5000-XT. Ideally suited for field techs and engineers who need to make power measurements anywhere they go, the 5000-XT's new user Inter-

face has an intuitive, menu driven design, making it the easiest to use on the market. You can even operate with one hand because it uses single toggling through functions and it detects the sensor and displays appropriate screen. And it is

compatible with all our field and legacy sensors.

Viewing is easy with our indoor/outdoor monochrome screen. It runs up to 60 hours on battery.

Let me set up a demonstration for you today. Ω

Inside this issue:

Relm Wireless - Rapid Deployment Repeater 2

Daniels - Receiver Modules 2

JPS - PC Dispatch For WAIS System 2

EXFO - FTB 200 Multi-layer tester 3

TXRX - Signal Boosters since 1970's 3

Federal Signal - New Software Encoder 3

Times Microwave - Leaky Feeder Cable 4



Rapid Deployment Repeater

In any emergency, the faster reliable communication is established the better. The self-contained RELM/BK Radio rapid deployment repeater system is designed to help first responders and incident command teams achieve that objective.

With Plug-and-Play simplicity any two BK Radio portables, including the P25 compliant DPHx, are easily accommodated to generate digital, analog or cross-

mode Interoperability in a few short minutes.

Low or High Power

When coupled with the optional solar panel and the most energy efficient P25 portable in the market this user-friendly package can operate as a stand-alone system for an extended period of time.

Other options include cigarette lighter adapter and a Plug-and-Play mobile radio link allowing increased RF

output up to 100 Watts.

Self Contained

This suitcase-style repeater system is offered with or without radios to accommodate customer requirements.

As stated before, it is self contained in that it has an internal battery, charging system, audio cross-over and cables for your portables. Everything you need is here. Take a look and you will believe. Ω



Relm Wireless RDPR Portable Repeater

Daniels - VR-4E Receiver Module

The VR-4E VHF receiver is an FM radio module capable of analog operation in 12.5 KHz (narrowband) or 25 KHz (wideband) channels. A firmware upgrade may be purchased to allow P25 digital operation.

The VR-4E VHF receiver operates over the frequency band from 136 to

174 MHz. Modular design allows each internal modules to be individually assembled and tested, allowing tuning, maintenance and troubleshooting procedures. The receiver can be programmed with up to 2 banks of 16 channels each.

The receiver is initially aligned at the factory for

the frequency shown on the label on the front panel. For small frequency change, no re-alignment of the receiver may be required. If the frequency change is greater than ± 2 MHz from the frequency at which the last complete receiver alignment was performed, the **RF Preselector** will need to be realigned. Ω

Daniels Electronics, LTD produces receive and transmit modules for analog and P25 Digital applications in standard and low current

JPS/Raytheon - WAIS Dispatch

JPS/Raytheon announced dispatch capability that will provide an option for mobile command vehicles, backup centers and existing users of ACU Interoperability systems.

As demonstrated at IWCE, this new product will support full SNMP and Call Detail Recording. They

stated P25, CSSI, PC bases UDP and voice logging will be available in Q3/09 with PIE P25 support in Q4/09. Release dates for OTAR, P25 Phase 2 and Simulcast have yet to be determined.

WAIS Dispatch

With Dispatch Console support, JPS brings the

complete package for on-scene and mobile interoperability provide the command vehicle visual control over radio/satellite assets.

This offering is not to compete with robust public safety consoles, it is intended for Incident Command and Tactical Interoperability. Ω



Honolulu Fire Command Vehicle



EXFO - FastReporter Software

Using the FTB-200 Multilayer, Multimedium tester is a fast way to test physical, transport and datacom. Adding the FastReporter Software enhances an already robust platform.

Fast-Track Data

DataAutomate repetitive operations on large numbers of OTDR test files, and optimize your productivity. Document an entire cable in a matter of seconds. Adjust your cable parame-

ters and detection thresholds and perform batch analysis. Open OTDR files from various vendors' equipment and convert them to the universal Telcordia format.

Batch Processing

Analyze an entire cable in just **two steps**. View data for all events on all fibers, and at each wavelength, on a single screen.

Benefit from one-step file management at any wave-

length. Keep full control by adding or removing events manually, or add/remove events automatically using a reference. Get uniform, detailed cable reports.

Flexible Reporting

Choose from **various report templates**, including loss and ORL, OTDR, PMD, CD, fiber characterization and cable report. Generate comprehensive cable reports in **PDF, Excel or HTML format**. Ω



**EXFO FTB 200
Multilayer Tester**

TXRX Signal Boosters

TX RX Systems Inc. first developed the signal booster (aka Bi-Directional Amplifier) in the late 1970's. Since then, the product line has grown to accommodate most Public Safety and commercial applications in the 132-940 MHz range. Taking a modular approach, configured systems are easily accommodated by the proper

selection of standard amplifier and filter blocks to meet the requirement.

Output Level Control (OLC) effectively reduces the gain when input signal levels become too great. This standard feature insures that the signal booster remains linear and therefore maintains its cer-

tified output characteristics. Unique filter solutions enable use of these signal boosters in harsh RF environments. The newest addition to the TX RX Systems Inc. offering is the 900 MHz, one-way paging signal booster. As required by the FCC, all TX RX Systems Inc. Signal Boosters are certified. Ω

TXRX has been making Signal Boosters since the 1970's. Take advantage of their expertise - let us quote your next requirement

Federal Signal - New Software

Federal Signal introduces the SE3000 software controlled encoder for customers who need either a One-Way primary or backup activation point.

The SE3000 is a software encoder that provides a simple way of activating an outdoor warning system that now features the ability

to have remote activation points using the client software version.

Protocols

Include: DTMF, EAS, Single-Tone, Two-Tone, POCSAG, Federal Digital, plays wave files and activates Relay Outputs. I/O Option feature up to 8 in-

puts and 5 relay outputs. Customers can now have other systems activate the SE3000 through the inputs.

They can also control equipment like lights, garage doors, etc. through the relay outputs. The I/O Option includes hardware and software. Call me for more information. Ω



**FWS SE3000
Software Controller**



Times Microwave - Radiating Cable

Times Microwave Systems' T-RAD 50 ohm, leaky feeder coax radiating cables provide cost effective radio frequency coverage in enclosed or underground areas, where single point source antennas are not practical.

Applications

Include: metro stations, tunnels, mines, ships, and in-building wireless systems.

T-Rad cables may also be used as a single backbone, supplying multiple services across a broad frequency range from AM radio rebroadcast through the higher frequency 802.11 WLAN applications.

T-RAD-600s flexibility, combined with Times' "EZ" attachment connectors makes quick and easy installations possible for a wide variety of

interior communications applications.

T-RAD-600 cable successfully provides broadband coverage in building applications for VHF, UHF, cellular, PCS and 802.11b WLAN frequencies. Typically this cable is run through a building, where point source antennas are not practical. The T-RAD's flexible design allows it to be routed easily for quicker and more cost effective installation. With the use of crossband couplers a single T-RAD cable backbone can support multiple use frequencies.

T-RAD-600 leaky feeder cables are used to provide underground communications for a wide variety of mining applications. Ω

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. 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