



Alster/News

Alster Communications,
LLC

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P25 Dispatch Console

Alster Communications, LLC. has been selected by Avtec, a leader in the microprocessor based radio/telephone console systems for over 25 years, to represent them in our territory.

Avtec designs, manufactures, and services touch screen console systems that carry voice over telephone, radio, and data networks. Their systems are used worldwide in transportation and utilities industries and in public safety, military, and government agencies.

Digital Processing

Avtec pioneered the use of digital signal processors in integrated radio and telephone systems. Using a color touch screen, their DSPatch family of consoles

supports system sizes that range from one operator and several communications circuits to hundreds of operators and thousands of lines, providing a user-friendly interface for every operator.

Supports Daniels/JPS

The Scout System is a VoIP console system with no backroom equipment. It does everything a conventional console does, but on



Scout Screen Shot

a network. A Scout system comprises console positions, a LAN/WAN, VPGates and end points. Endpoint are generally Avtec's Outpost Radio controller SIP telephony extensions, but other devices such as the Raytheon NXU-2a and Daniels UIC radios are supported.

Industry Leadership

Avtec provides leadership in the industry because of innovative solutions, support with proven expertise and a large engineering staff.

Demo Unit

The Scout system really needs to be seen and we are anxious to provide a demonstration. We will be receiving our demo soon. Ω

Aeroflex 2975 Demo Sale

Aeroflex is currently offering demo units of the popular 2975 for sale. These units have been traded in on the new 3920 and have been fully refurbished and come with a one year factory warranty. The base price of the demo

unit is \$17,995, which is several thousand dollars cheaper than a new one.

Option Discounts

In addition to discounted pricing on the unit, Aeroflex is offering the LTR Passport option for \$500 and the

Advanced P25 Testing Package for \$2000. This package includes AES, KVL, P25 Trunking 800 MHz, P25 Trunking VHF/UHF and SmartNet/SmartZone software.

Please call for info. Ω

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Daniels - Software For You

The Daniels MT-4 Digital Radio systems are software configurable using a GUI based application that allows channel programming, calibration, mode of operation and tone selection to be set in software.

Radio Service

The radio service software (RSS) is used to configure, service, and test Daniels transmitters and receivers. Using a GUI Windows Interface (Windows

XP or later), it provides Multiple Channel Programming with Custom Channel Names. It has a Calibration Mode and is capable of selecting modes of operation such as NACs and Talkgroups. It will select CTCSS and DCS tones in analog mode, sets the Timeout timer and generates a variety of test patterns.

Multiple Link

The Multiple Link Controller is programmed using

GUI based screen menus for setup of the Receiver / Transmitter links. By clicking on the connection point, links can be established based on either NAC code, CTCSS, DTMF or COR steering. For each transmitter column a priority can be set based on the received signal to give high priority to a single receiver. Channel selection may be set for any link using NAC or CTCSS tones. Call for more details. Ω



**Daniels
Software**

Bird - 5010B and 5014 Sensor

The Bird Directional Power Meter (DPS) is the most flexible RF sensor on the market today.

With this Dual Socket, Thruline sensor, you can select from a wide range of Bird Elements to tailor the unit to fit your needs.

With a frequency range from 2 MHz to 2.7 GHz,

and power rating from 500 mW to 1 kW, this sensor can do it all.

Field Selectable

You have ultimate field control of the device. You can change frequency, power sensing and even connectors in the field. This gives you more flexibility than and other sensor.

Viewing Results

You can view the results of your test on the new 5000-XT or on the Windows compatible software tool, VPM2.

Anyway you look at it, the Directional Power Meters from Bird offer you enhanced testing capabilities. Ask for a demo. Ω

*Bird Technologies
new Directional
Power Meters - more
flexibility, less money*

Raytheon - ACU-M Command

The Raytheon ACU-M is a feature-rich, simple-to-use Interoperability device that can be networked and managed from multiple locations remotely.

Weighing less than 3 pounds, the device is easily deployed and affordably priced, making it ideal for mission-critical interopera-

bility.

Four Port/Comms

The ACU-M interconnects HF, VHF, UHF, P25, 700/800 MHz radios, Landline, Satellite and Nextel IDEN phones using four audio ports, two VoIP channels and a headset port.

With its comprehensive

suite of digital signal processing (DSP) functions, it offers high functionality at a price that fits any budget.

Inexpensive

This small unit also has a small price of around \$5,000. Let us show you how it works - just give me a call. Ω



**Raytheon
ACU-M**



EXFO - AXS-200/850 Optical

Alster is pleased to be the new representative for EXFO. Part of EXFO's wide-ranging Ethernet test offering, the AXS-200/850 Ethernet Test Set delivers comprehensive test functionalities without the typical complexity associated with Ethernet/IP testing.

Whether you are installing, turning up or maintaining Ethernet and IP services, the AXS-200/850 is ready to perform. Thanks to a feature set that includes

RFC 2544, traffic generation and monitoring, multi-stream background traffic, BERT, as well as IP connectivity tools such as ping and traceroute, this lightweight, handheld unit provides front-line technicians with all the tools they need to get through their test cycles quickly and efficiently.

Traffic Monitoring

The AXS200/850 allows full-line-rate bidirectional end-to-end testing for

complete network performance evaluation. Used in conjunction with traffic generation, background traffic fully proves that the providers' network can truly offer end-to-end quality of service (QoS).

Cable Testing

It also provides cable troubleshooting before committing to long-term testing phases, saving you time and money. Please let us know what you need. Ω



**EXFO AXS200/850
EtherNet Test Set**

Valmont Communications

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. 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 re-

quires 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

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, just let us help you. Ω

Valmont has both components and structures to support your dish, panel and stick antennas

Relm - New KNG Approved

The new KNG-150 portable has been tested, approved, and purchased by the DOD. They purchased over 4,000 this year.

The new RELM KNG Series is available in VHF, UHF, and 700/800 MHz frequency bands – in Tier 3 (full keypad) and Tier 2 (no keypad). The new KNG-M

mobile (late 2009) and P25 Trunking will be released in 2010.

Cloning

The new RELM KNG Series portables will be clonable with our existing legacy radios – the D-Series and G-Series portables and mobiles by late 2009.

Trade In

Please note that if the GSA GS35F-0133L Schedule is used for the purchase of a new KNG Series portable, RELM will provide a discount for the Trade-in of older model portable radios – from any manufacturer. Please call for a quote. Ω



**The KNG150, 450 and
700/800 MHz**



Antenna Speaker-Mic By Otto

When clear communication in even the harshest environments is an imperative, public safety professionals choose OTTO antenna speaker microphones. OTTO is continually improving products for superior operation, which is why no one surpasses OTTO for durability, reliability and performance.

Antenna Speaker-Mic

Improved Coverage with the Storm Antenna Speaker Mic for Kenwood Series and Evolution Speaker Mic for Motorola XTS Series.

Both the Kenwood Storm and Motorola Evolution models feature:

Improved design to achieve RF Connection through the UDC; Sealed to withstand MIL-STD-810F;

Adjustable high-low volume control; Emergency button; 2.5mm earphone jack for optional earphone accessories; 360° rotating spring-loaded clothing clip; IP68 rating (Storm model only)

Alster will be receiving demo units of these new microphones in a few weeks. Please call me so we can set aside a demo unit for you.

Storm is the highest-performance speaker mic available in the market today, with a One-meter immersion rating, new ergonomic design and multifunction buttons.

Optional RF antenna, emergency button and LED flashlight are available, along with an auxiliary connector for programming capabilities or connection to other accessories. 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

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