

# Alster News

## Aeroflex 3900 And 2975 Upgrades

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- JDSU Validator
- Busy Spring and Summer

We all know that Aeroflex broke new ground when they introduced the 2975 in 2000/1. The first digitally based service monitor proved ideal and superior in verifying and maintaining P-25 Digital base stations, mobiles and portable. Aeroflex also has improved the running software several times and made these improvements available to all existing users as a free download from their webpage.



**Aeroflex 3900 Next Generation Digital Service Monitor**

### 2975 New Options

Support of re-banded Motorola's SmartNet™ and SmartZone™ 800 MHz P25 radio systems.

Support of Motorola's wide pulse modulation technology used in SmartNet™ and SmartZone™ radio systems.

Auto-Test software which increases speed, consistency and accuracy of testing P25 and FM radios while providing the ability to store, print and share test results.

Aeroflex announced and agreement with Survey Technologies to distribute the Field Test 6 Site Survey Software bundle. The 2975/Field Test 6 Software package performs site surveys of signal strength and Analog SINAD or Digital P25 BER measurements and comes complete with a USB GPS

Receiver, Tile Analysis and Indoor Measurement packages as well as a software driver exclusively for the Aeroflex 2975.

### 3900 New Option

The 3900 is the next generation of digital service monitor (see below for overlap areas of digital format support) and expands digital service to include TETRA and TDMA. The new options are Distance-to-Fault (DTF) measurement and enhanced VSWR (Voltage Standing Wave Ratio) to quickly and easily find faults in cables and antennas and display results graphically.

Call me for a demonstration. Ω

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## 2975/3900 Digital Service Overlap Areas

The 3900 is the latest in digital service monitor technology. It is good for the service technician to know which monitor is best suited for their needs.

Below please find a list of the "overlap" in current digital format operation between the 3900 and the 2975: P-25 Conventional Mod/Demod, SmartNet/SmartZone, P-25 Trunking - VHF/UHF/700 MHz, P-25 Trunking - 800 MHz and AES Encryption. In addition

to these "overlap" formats, the 3900 works with TDMA, provides Motorola's High Performance Data format and in the future will work with the new Motorola TRBO technology.

The 2975 will continue the support LTR conventional trunking.

Please contact me to discuss your needs and together we will decide which superior digital monitor is for you. Ω

## PCTEL/Maxrad - Three New Products

PCTEL/Maxrad/Antenna Specialists has improved several antennas including:

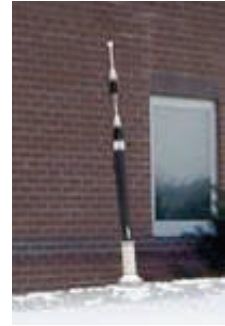
The **MM058000 series** of broadband base station omni-directional antennas is designed to cover frequencies from 5.1 to 5.85 GHz for applications including WiFi, WiMAX and Public Safety. This series of antennas features a U.V. stable, plastic radome with an aluminum base that is ideal for indoor and outdoor applications. The antenna is available in 3 different gain options 4 dBi, 7 dBi and 10 dBi.

The new and improved **MEFC49005HF** elevated feed antenna is designed for public safety and emergency vehicles requiring complete omni-directional coverage of the new 4.9 GHz Public Safety frequencies. New high performance microwave mounts for

permanent throughhole installations (**MHFML195C**) or installations requiring a magnetic base (**GMHFML195C**) are available for this antenna. The **MEFC58005HF** is also available for 5.8 GHz Wi-Fi frequencies.

The **MLFML195C** high performance permanent mount is optimized for mobile antenna models with frequency coverage up to 3 GHz. This mount features low loss Pro-Flex™ Plus 195 cable, enclosed interconnect between the cable and the body of the mount for water resistance and heavy duty, corrosion resistant, zinc die cast and brass construction. A magnetic mount version (**GMLFML195C**) is also available.

For pricing and availability, please contact your local dealer, distributor or me. For a demo unit, just give me a call. Ω



**PCTEL's New Elevated Feed For 4.9 MHz**

## JPS - Digital In-Car Video System

Raytheon/JPS Communications has partnered with Votan Research Corporation to globally market a digital in-car video system. The device allows incidents to be recorded, transmitted and stored for evidentiary purposes.

### Broadcast Quality

The digital in-car video system is a rugged, broadcast quality recording system specifically designed to meet the demanding needs of law enforcement and security personnel. The video system will be marketed

by Raytheon's JPS Communications, while Votan will maintain responsibility for continued development of the device.

### GPS Information

The device provides several identification capabilities, broadcast quality replay, GPS information and an extremely quick wireless transfer rate at one hour of video footage per minute among other benefits.

This high quality product will be available through JPS and their dealer network. Please contact us for more info. Ω

*Digital In-Car  
Video System For  
Public Safety*

## Times Microwave SilverLine Stainless Adaptors

Times Microwave Systems has added precision, high quality stainless steel adaptors to complement our **SilverLine TuffGrip Test Cables**. These new **TuffGrip** adaptors are much more durable than typical nickel-plated brass adaptors, are competitively priced and made in the USA.

The Type N male and female bullet adaptors provide excellent performance to 18 GHz with exceptionally low VSWR. The 7-16 DIN adaptors are laboratory grade to pro-

vide long life in field applications. The coupling action on these large connectors is smooth and easy. They are available in:

7-16 DIN female to 7-16 DIN female

N male to N male

N female to N female

N male to 7-16 DIN female

N male to 7-16 DIN male

**SilverLine TuffGrip Test Cables** are rugged, phase stable test cables for field RF test and measurement. Ω



**Times Stainless Steel Tuff Grip Adaptors**

## JDSU - Validator and Validator NT

The Test-Um products by JDSU make your life easier. The Validator™ defines the job, makes the tests, prints the results and stores the data. No other tester/certifier does so much, so easily and so economically.

### Testing/Measurement

Validator measures and presents fast and clear SPEED and PERFORMANCE results up to 1 Gigabit. The included powerful Plan-Um™ software ties together all the different cable criteria that are found in complex voice/data/video installations and presents concise information in printed reports, while storing data for future use.

### Network Testing

Validator-NT's patented method of uploading and downloading information about cable tests and network configuration will help you gather the necessary information to manage your network easily, while documenting changes, upgrades or new configurations. Clear, fast Speed and Performance Certification up to 1 Gigabit combines with powerful planning software and active network capabilities to give you the complete tool for installing, managing and fine-tuning any Ethernet network.

Call your local distributor or me for demonstration. Ω



**JDSU Test-Um Products**

## Dewalt MobileLock Security Device

The MOBILELOCK is easily mounted to equipment using integrated heavy-duty magnets or fastening the unit into place using screws. Unlike other mobile asset protection systems that use radio frequency to locate stolen assets, MOBILELOCK features a GPS locator that can help users find stolen or lost assets anytime.

Additionally, an alarm notification alerts the user when the protected piece of equipment has been disturbed or if someone tries to remove the MOBILELOCK unit. The MOBILELOCK locator and alarm is a user-

friendly, self-installed system that contractors can customize to fit specific applications and security needs. The unit runs off of rechargeable lithium ion batteries and will remain powered for approximately 30 days.

You can easily customize the MOBILELOCK settings to create your own arm and disarm schedule, change contact phone numbers, adjust siren settings, and report status information such as battery level and signal strength. Users can operate their MOBILELOCK entirely over the web or from any phone. Ω

*Dewalt makes it easy for you to protect your high value assets*

## Bird Site Analyzer Promotion - Save Big Bucks

Bird Technologies is offering their popular Site Analyzer™ hand held testing and measuring device at great pricing.

There are three products to choose from, each of them provide Distance to Fault, VSWR and Live Power Measurements.

The SA products are especially good at site validation and maintenance. You can perform the three available tests and save your results directly on the SA. Then taking

the saved information, you can compare it to other saved information or print it out.

### **SA-1700**

25 to 1700 MHz

### **SA-2500**

780 to 2500 MHz

### **SA-6000**

25 to 6000 MHz

Call me for a demonstration. Ω



**SA-1700 For Public Safety**

## Spring and Summer - Travels and Shows

Alster Communications has already had a very busy Spring with the IWCE Show in Las Vegas and several local shows including the Montana, Oregon and Washington Emergency Management Shows.

We have had the pleasure of several factory people travelling with us including Bird/TXRX (Alaska), Federal Warning Systems (Alaska), JDSU ( Washington), Otto Communications (Oregon and Washington), PCTEL (Oregon and Washington) and Relm/BK (Oregon).

We will be supporting the Washington State APCO Show in Wenatchee at the end of June. We will also attend the National APCO Show in Baltimore in August.

### Demonstrations

One of the things we really like to do is demonstrations and training seminars. If you have a need to see a specific product shown with a specific application, let us

know. Also, we love to have "Lunch and Learns" where we bring a factory person out to share their expertise on a specific subject.

So keep us in mind when you need to see a live demo and have some technical questions answers. That is what we are here for.

Thank you for your business and your continued support of Alster Communications, LLC and our guys.

### ACES October 2007

We will hold our 2007 ACES the first week of October at the following locations:

Salem, OR - October 2

Isaquah, WA - October 3

Anchorage, AK - October 4

See you there!

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