

# Alster News

## Aeroflex Introduces The New 3920

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Aeroflex has announced the introduction of the new 3920 Digital Radio Test Set. The next generation of the 3900 Series, the 3920 replaces the 3901 and 3902 Radio Test Sets. While providing new features and functions, the 3920 continues to perform all the tests previously capable with the 3901 and the 3902.

### AC/DC Measurement

The 3920 new features provide users with more capabilities in one system. These include the ability to measure AC (150 volt rms) and DC voltage (150 volt), current (20 amps) and resistance (0 to 20 MΩ). The 3920 is fully protected against over voltage or current conditions with an easy to access front panel fuse.

### New Capabilities

The 3920 also provides new capabilities to export files to USB drives and connect external USB input devices and extended audio input ranges for measuring and analyzing audio signals with extended range inputs of up to 30 Volts rms. Now you can analyze high level audio signals for AF Frequency, AF Level, SINAD, Distortion, Hum and Noise and Signal to Noise Ratio.



**Aeroflex 3920**  
Next Generation Test Set

### HPD® Technologies

Designed to be a software-defined radio test system, the 3920 supports AM and FM analysis as a standard feature, but optionally provides extended test capabilities for new digital radio communication systems including TETRA, Project 25 and Motorola's new HPD® technologies.

In addition, the 3920 emulates the now discontinued Agilent 8920A/B series in test capabilities and GPIB commands, with over 90% of the 8920B commands emulated by the 3920. For more information or a demonstration, please give me a call. Ω

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## ACES Coming In October

Yes, we know it is early. However, we would like you to mark your calendars for the 2007 ACES (Alster Communications Electronic Showcase) this coming October.

### Salem/Issaquah/Anchorage

We always hold ACES the first full week of October. This year we will be in Salem, Oregon on Tuesday, October 2 - Issaquah, Washington on Wednesday, October 3 - Anchorage, Alaska on Thursday, October 4.

We will begin each day with two technical seminars followed by an exhibit time displaying the latest and greatest products we have to sell. That is followed by another two technical seminars, which is followed by more exhibit time and a free lunch. We conclude ACES with two additional technical seminars and call it a day. So, please mark your calendars for the ACES closest to you - see you there. Ω

## In-Car-Digital-Video for Police From JPS

JPS is now delivering a new digital-in-car video system. Their first installation was just completed in a Crown Victoria in New Jersey. This installation includes two operating cameras and three microphones. The "brains" of the system is in a waterproof case, which was installed in the trunk.

### Evidence Security

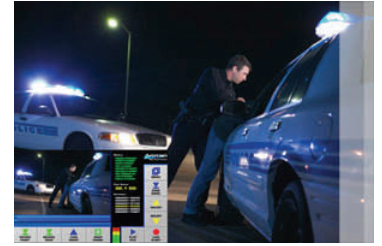
The new DVU-1000 digital-in-car video system provides automatic uploading of all video, audio and metadata from each vehicle into a secure wireless server. This prevents any human physical contact with the evidence recorded within the vehicle. The primary goal of the system is to enhance officer safety, manage agency policy and

provide a clear and useful video and audio recording that are admissible as evidence.

### Video/Voice/Data

The DVU-1000 is digitally based and contains no moving parts. The unit supports a front view digital camera, a rear view digital camera, a paladin unit with complete integrated computing capabilities, a T-CAM module which can monitor the speedometer, radar detectors, gun racks, airbags, ABS brakes or any other element that can trigger the system to start recording video and audio and a mobile wireless microphone to be worn by officers while outside the vehicle.

This product is sold through dealers who provide installation and support to the agencies involved. Please call for information. Ω



**DVU-1000  
In-Car-Digital-Video**

## PCTEL/Maxrad - Two New Products

PCTEL introduces a new line of parabolic antennas. These 2 GHz and 5 GHz antennas will be delivered with the mount and radome attached.

Simply, remove the antenna from its packaging, install an elevation adjustment bar and it is ready to be mounted to your pipe mount. The mount is reconfigurable and allows right or left side mounting for easy access to the feed.

The feed is rear mounted and has continuous polarization adjustment. The antenna mount is attached to the parabolic

using only three reflector attachments for less pattern distortion.

### On-Glass GPS Antenna

The AGPS26GMMSMA glass mount global positioning system (GPS) antenna utilizes an electrically shielded LNA PCB assembly and ceramic filter designed to provide high out-of-band rejection for optimal integration in multi-band installations. The assembly is permanently encased in a compact, UV-stable radome, making it ideal for concealed vehicle tracking applications. Ω

*Maxrad introduces two new antennas - a parabolic dish with radome for WiFi and an on-glass GPS*

## Otto - Enters Consumer Electronics

Otto Communications continues to expand their product offering by introducing several Consumer Electronic Products.

Taking their experience in audio headsets, Otto is producing audio accessories for cell phones, MP3 players and computers.

### Bluetooth Headset

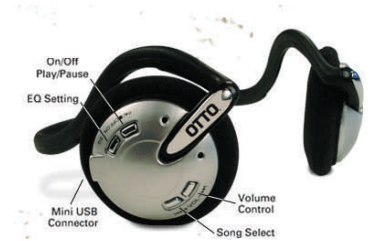
The first item is part number OT-1 and is a Bluetooth Headset for cellular/pcs phones. They also have a car kit with a speaker microphone.

### MP3 Headset

The OT-3 (don't you love their original numbering system?) is an MP3 player with 512 MB storage (behind the head) for music and audio.

### Noise Cancelling

The OT-5 is a headset with active noise reduction. While the OT-4 and 6 are headsets for computer use. These products will be available through your local dealer. Ω



**MP3 Player with  
512 MB from Otto**

## Watson Dispatch Furniture - Updates

Adjusting to the changing needs of the Public Safety arena, Watson Dispatch is upgrading their industry-leading Synergy product. Here is a list:

### Leg Set

The new leg set increases height adjustability to 27" through 52". Anti-collision feature causes the surface to stop and reverse when encountering an obstruction.

### Wire Management

Energy Chain replaces 4" solid tube. The Energy Chain has a unique tooth-groove side which allows installers to control excess wire. Cable trays mounted below primary surface route cords to reduce wire visibility

but still allow wire tracing.

### Depth Adjustment

Depth Adjustment Platforms control the distance between users and monitors with minimal user extension. Up to six flat screen monitors can be mounted on monitor arms for simultaneous adjustment. You can retrofit existing consoles for the upgrade.

### Rear Cavity Doors

Watson has improved and lightened the Synergy rear cavity doors. This enables a spring mechanism to hold the door open in any position. This feature can be retrofitted to existing installations. Please call me for pricing or additional information. Ω



Watson Dispatch  
Centerlift Position

## NCS - Interoperability On A Budget

The NCS-C250 is an **under \$1000 interoperability controller** designed especially for mobile installations. These include mobile command posts, incident command vehicles and other emergency response vehicles.

The unit provides a **single point interface** that allows the radio operator to control the transmit audio, receive audio, and the push-to-talk function of up to four radio transceivers. A single microphone or headset can be used to communicate through all radios eliminating the need for multiple microphones.

Separate speaker outputs for **selected and unselected audio** along with individual volume controls and mute buttons reduce operator fatigue and confusion. Features include a PA function, built-in **crossband repeater/range extender** and flexible muting functions.

The NCS-C240 is a "mini" console that is a well-suited, low cost solution for mobile command posts, small EOCs or any multiple radio communications environment.

We have demo units and would like to set up a demonstration for you. Ω

*NCS provides a budgetary solution to Interoperability*

## JPS Communications 24/7 Customer Service

JPS continues to introduce more technical products such as the ACU-2000 IP Audio Control Unit. To help you keep your communications going, in July 2006 they announced the implementation of its 24-hour customer support hotline.

Beginning July 1, 2006, customers have been able to speak to one of JPS Communications' trained support specialists, anytime day or night. Designed to offer customers an outstanding level of service, customers can

now call (800) 498-3137 for immediate assistance with any technical problem and speak to the trained, professional staff of existing system and customer service engineers knowledgeable in our products and services.

### Call 800-498-3137

When you face a disaster, be confident that you can find the help you need with just a phone call to JPS Communications. Call me for a quotation or other information. Ω



JPS ACU-1000



## **APCO Shows - Washington/Baltimore**

You are invited to attend two APCO Shows coming up this summer. The Washington State APCO Summer Conference is being held in Wenatchee June 27–29.

### **Vist Vendor Area**

The meeting is at the WestCoast Wenatchee Center Hotel, 201 North Wenatchee Avenue, Wenatchee, WA. The Vendor Area will open at 5:00 PM on Wednesday, June 28 with a wine and cheese welcome. On Thursday, the Vendor Area is open in the morning through 2:00 PM.

### **National APCO**

The National APCO will be held in Baltimore, MD on August 6–9. The Vendor Area will open Monday, August 6 at 10:00 AM through 4:30 PM. Tuesday the Vendor Area will open from 9:30 AM to 4:00 PM. On Wednesday, the Vendor Area is open from 11:00 AM to 1:00 PM.

## **ACES October 2007**

Please help us decide what technical seminars will be held at our our 2007 ACES the first week of October. Your input will determine what is presented. Please contact me and let me know what you would like to see at the following locations:

**Salem, OR - October 2**

**Isaquah, WA - October 3**

**Anchorage, AK - October 4**

See you there!

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