



DAC DIGEST

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DIGITAL AUDIO CORPORATION

A DRI COMPANY

"Technology to Make Listening Easier"

NEWS

IN THIS ISSUE:

- *ULTRASCOPE AND PROBEAMP*
- *PCAP SOLARIS*
- *SEPTEMBER DAC SCHOOL*
- *B. E. A. ITALY TOP DEALER 3Q 2001*
- *SHOW SCHEDULE*
- *2002 DAC SCHOOL SCHEDULE*
- *APPLICATIONS*
- *DAC'S PRODUCT LINE-UP*
- *CRAIG'S CORNER*



UltraScope

Accessory Kit

ProbeAMP

New TSCM Products: UltraScope and ProbeAMP

A hand-held acoustic analyzer and an updated version of the PIP II

DAC recently shipped the first 60 production UltraScope and ProbeAMP systems, which were first introduced to our customers at NATIA 2001 in Memphis, Tenn. These were packaged in attractive, rugged Pelican accessory kits, as shown above.

ProbeAMP is an updated version of DAC's popular TSCM amplifier, PIP II, which is a high-gain, low-noise, high-voltage-protected amplifier that interfaces directly to telephone lines, AC mains, and other building wiring to allow detection of hidden microphones and other tapping devices. ProbeAMP expands the usable bandwidth to more than 100kHz, and adds a multimeter that allows the operator to make precise line measurements.

UltraScope is a hand-held acoustic analyzer that includes a wideband, low-noise microphone and preamplifier for acquiring and digitizing all acoustical signals present in an environment from 20Hz to 200,000Hz. Alternatively, the signal output from ProbeAMP can be directly input in lieu of the mic. A built-in DSP allows real-time spectral analysis of these signals to identify suspicious high-frequency signatures that might represent an eavesdropping threat. Also, the user can apply either double- or single-sideband AM demodulation to any selected 10kHz segment, so that the nature of the signal can be audibly determined. When used in combination with the ProbeAMP, carrier-current transmissions can be identified and demodulated.

Contact DAC today for more information on these unique new products! 🇺🇸

**DAC PRODUCTS
ARE
AVAILABLE
THROUGH
GSA ADVANTAGE!**

**#GS-03F-4062B
GSA ★ Advantage!**

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UNITED WE STAND



SOUND BYTES

LOOK FOR DAC AT THESE SHOWS:

• CNOA
Nov. 17- 18, 2001
MONTEREY, CALIFORNIA

• FRENZY
JUNE 4-5, 2001
WASHINGTON, D. C.

• NATIA 2002
JULY 15 - 19, 2002
PHOENIX, ARIZONA



B. E. A. Italy Top Dealer in 3Q01

Congratulations to Giorgio Valvassori of B. E. A. s. r. l. in Torino and Rome, Italy. B. E. A. earned DAC's top international dealer award for third quarter 2001. Giorgio has a long history as a DAC dealer. DAC looks forward to an even more productive partnership with B. E. A. and staff in the coming years. 📞



2002 DAC School Schedule

A date for the first Raleigh session of DAC School has been confirmed: April 22-26, 2002. Enrollment is underway. Additionally, there are tentative plans for a United Kingdom session in first quarter 2002. If you have specialized needs, call DAC to design an on-site session at your facility. Don't miss out on an opportunity to improve **your** audio enhancement skills in the upcoming year. 📞

PRODUCTS

Combine SAM with a Portable DAT Recorder

Create a high-quality stereo speech recording system

Did you know that SAM II can be used in conjunction with a Sony TCD-D8 DAT recorder to create a completely autonomous, high-quality stereo speech recording system that records only the actual speech that occurs?

The SAM II product provides a "smart-VOX" capability and, in the AUTO control mode, automatically records all detected speech from the incoming audio to its internal solid-state buffer. Non-speech audio is ignored and is not recorded.

Each time the 15-second buffer becomes full of speech, the SAM II closes a built-in relay to activate an external recorder, to which the buffered speech is re-recorded. A specially modified Sony TCD-D8 DAT recorder can be controlled by this relay via a special interconnect cable that can be supplied by DAC.



DAC Model SAM II



Sony TCD-D8 DAT

Contact DAC today for further information on this ingenious, low-cost digital recording system. 📞

ATTENTION CALEA USERS: PicoDAC is the perfect complement to any CALEA intercept workstation to provide simple effective audio processing capabilities. Call us for more details today!

Solaris™ Software Now Available for PCAP III

An alternative operating system



DAC recently completed porting the PCAP II Master Control software to Sun Solaris operating system, versions 2.51 and higher. PCAP II Solaris offers most of the capabilities of the Windows version, operates with any PCAP II hardware platform, and is available by special request to those customers who wish to operate the PCAP II from a SPARC workstation instead of a PC.

Contact DAC today for further information and pricing for PCAP II Solaris. 📞

Choose from DAC 's high-quality standard products or innovative new designs

Whether you have year-end funds or are planning next year's purchases, put DAC at the head of your wish list



**MCAP
Multi-Channel Audio Processor**

Fourteen stages of signal processing. Adjustable bandwidth. Can process four channels. Both analog and digital input/output. Works with desktop, laptop, or stand-alone configuration.



**PCAP II
Personal Computer Audio Processor**

Nine stages of signal processing. Four digital filters stages. Two channel Both analog and digital input/output. Works with desktop, laptop, or stand-alone configuration.



**MicroDAC IV
Portable, Programmable Noise Filter**

Provides high-quality audio processing for both technical and nontechnical user. Operates in the 1CH, 2CH, and 1CH

STEREO modes. RS232 interface, as well as a simplified front panel.



MAP II, Multipurpose Audio Processor

Dual channel, digital signal processor with 20 operating modes: adaptive (one-channel and two-channel), highpass,

lowpass, bandpass, bandstop, notch and comb filters, and many more.



**PicoDAC
Compact, Automatic Noise Filter**

Compact unit with robust signal processing in 10 selectable combinations.



**SSABR
Solid-State, Audio Body Recorder**

Rugged, compact, and only 2.4" x 2.4" x 0.65". Features DACPak lossless compression, built-in stereo mics and accepts external microphone and switch control harnesses. Available in 256 Mb, 512, Mb, and 1 GB versions.



**SpotMIC
Microphone Array Processor**

High-gain, electronically steerable, microphone array processor capable of handling up to 16 channels of microphone input. Isolates three separate sound sources from one set of microphones.



**MiniDAC-DAT or Disc Digital Recorder
with Noise Filter**

Digital noise reduction capabilities and state-of-the-art digital recorders. MiniDAC allows the operator to listen to filtered audio while still recording the original audio. A perfect upgrade to receiver kit!



CAS Audio Kit

Includes interface pods and specially chosen accessories: one TIP II, one PIP II, one PicoDAC, recorder, microphone, Wilcoxon accelerometer, lightweight headphones, interconnecting cables, and a carrying case with custom foam partition.



CSP Audio Kit

Includes CSP-100 audio processor, a charger and cable kit, microphone and cable, two Wilcoxon accelerometers and cables, additional battery pack, two TIP IIs, one PIP II, two lightweight headphones, interconnecting cables, and a carrying case with custom foam partition.

Purchasing These Products is Easy!

For pricing, configuration, and delivery call DAC direct: 877 5DACAUD (877 532 2283).

Or you can e-mail us at sales@dacaudio.com.

You may want to work with one of our dealers listed within our website: www.dacaudio.com.

Our federal government customers can view our GSA models on GSA Advantage.

Craig's Corner

Craig Scates, General Manager

In September, two U. S. government employees, five state and local law enforcement technicians, one commercial dealer, and one representative of the Korean federal government gathered at Homewood Suites in Raleigh for a week of theory and hands-on education in audio enhancement. Dr. David Chappell, one of DAC's newest employees, shouldered much of the instructional responsibility. He teamed with seasoned instructor Don Tunstall. Two DAC staff engineers, Michael Erwin and Andy Jarrell, assisted during labs. The second day of class, September 11, was tragically interrupted by news of the terrorist attacks on the World Trade Center and the Pentagon. Even though many of the trainees would have preferred to leave the session to return to their jobs, finding transportation was impossible. So, it was decided to carry on with the class and with Tuesday evening's social outing, a picnic at the DAC office grounds.

This September 2001 session of DAC School will always be remembered as the one that was marred by horrific events; but, even given such a tragic interruption, the attendees found the knowledge gained valuable and headed home armed with new skills to tackle challenges in their own audio labs. 🎧



Studying . . .



and socializing . . .

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