

*"Technology to Make Listening Easier"*

news

# DAC Online

## What We Offer You!

DAC's website offers a wealth of resources for users of DAC equipment and for anyone with an interest in audio enhancement. You will find:

- ◆ **Product information**

Thumbnail photos and product descriptions provide brief introductions to DAC products. Download .pdf files of brochures with complete specifications.

- ◆ **Tutorial**

This condensed explanation reads quickly and understandably. Sound and noise are explained. The tutorial presents the mechanics of voice. It gives advice about recording voice in monitoring situations and using the filters to diminish different sorts of noise.

- ◆ **Audio Samples**

This new section of DAC's website presents you with studio-generated and real-world sample recordings and the subsequent enhancement of those recordings.

- ◆ **Support**

The support section features a variety of services: download current software updates; read up-to-date technical support bulletins; request duplicate user manuals; and study the FAQ – Frequently Asked Questions.

Our webmaster recently introduced a website forum. He would like to see tech support questions submitted by e-mail, answered, and then posted on the forum. Your participation will help DAC develop this new feature. Call for the username and password to enter this restricted area (919 782 6767).



Visit us at [www.dacaudio.com](http://www.dacaudio.com)

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**dac digest**

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**GET REAL  
GET DAC!**

DAC continually updates, edits, and expands our website. We are proud of it and offer it to you, our customers, as one more valuable tool for audio enhancement and clarification.

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## 2003 Trade-In Program

For 2003, the following DAC products are eligible for trade-in toward the purchase of an MCAP or PCAP II system:

- ◆ PCAP I and PCDF4096 = \$1,500
- ◆ All T-series equipment = \$1,000

Limit one trade-in piece per new system. Offer expires 31 December 2003.

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## sound bytes

### **SIM Germany is Top 4Q DAC Dealer**

**D**AC is pleased to announce that Stephan Heimgartner, Georg Schilling, and their staff at SIM in Neustadt, Germany received the top dealer award for 4Q, 2002. SIM has worked as DAC's dealer in Germany for two years now; and each year has brought them and us more success. Congratulations SIM!

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### **DAC's 2003 Show Schedule**

**L**ook for DAC at these regional NATIA shows:

Southwest NATIA  
San Antonio, Texas  
January 22-24



InterMountain NATIA  
Denver, Colorado  
March 19-21

### **Free Tuition!**

**I**f you are contemplating the purchase of a PCAP II or MCAP system, and you need a little push to make that final decision, let us help you! DAC is offering one free DAC School tuition - a \$750 value - to anyone who purchases either piece of equipment in 2003. (This offer does not include transportation or room and board.)

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

**#GS-03F-4062B  
GSA★ Advantage!**

### **School's A Beach!**

#### **At least DAC School Is**

**C**ome to North Myrtle Beach, South Carolina for the spring 2003 session of DAC School. The dates are March 31-April 4; tuition is US\$750.00; the location is the Courtyard by Marriott next to Barefoot Landing. A special DAC



room rate is available at US\$65.00 a night, which includes a full breakfast buffet. The same DAC School room rate will also be available for anyone interested in arriving early or departing late.

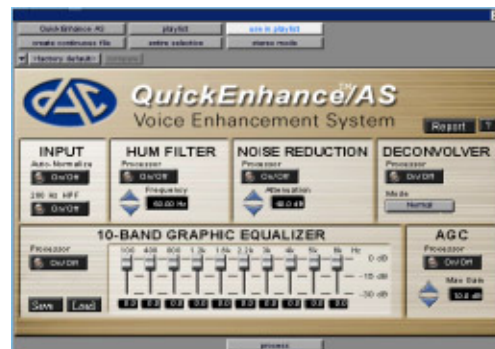
Attendees will learn a mix of theory and hands-on audio enhancement in class and enjoy a mix of great dining, entertainment, and shopping on the Grand Strand when school is out. Class size is limited to 20 students and reservations are filling up fast. To register contact the DAC office toll free at 1-877 532 2283.

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## tech tips

### **QuickEnhance/AS Tech Tip Filter Application Order**

**B**ecause QE/AS is designed to be easy-to-use, the sequence in which the Hum Filter, Deconvolver, Noise Reduction, and AGC modules are applied is fixed in the order that our experience has shown is optimal in 80% of all cases. However, in those other 20% where that little bit extra may be required, it could be useful to change the ordering of the filtering.



To try this, simply apply selective rendering of the individual filters; for example, if you want to try applying the Deconvolver ahead of all other filters, simply render one pass with only the Deconvolver selected, then render a second pass with only the other filters selected. As you can see, by using variations of this basic trick, you can apply the individual QE/AS filters in any order you want!

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**2** 002 proved to be a demanding year for everyone involved in the law enforcement and security community. The post-9/11 world brought new challenges and opportunities for improved technology in the war on terrorism as well as the ongoing battle to combat criminal activity. Here at DAC, we responded to the challenge by introducing several new and improved products in 2002. Here is a sample of these new additions...

**QuickEnhance™ Product Family**

When you need fast, effective, powerful audio processing in an affordable, easy-to-use format, you need QuickEnhance. The QuickEnhance family of products was designed to tackle a wide variety of common surveillance noise problems including AC hum, motor sounds, reverberation, tape hiss, RF static, and near party/far party imbalance. The initial QuickEnhance offerings introduced in 2002 included:

- ◆ **QuickEnhance/AS** – QE/AS is an AudioSuite software plug-in designed to be used with the Avid® Xpress video editing system or the Digidesign® Pro Tools audio editing system. QE/AS allows the user to clarify audio tracks on surveillance video tapes processed through Avid Xpress.

- ◆ **QuickEnhance QE-10** – The QE-10 is a hardware based system that implements the same five processing tools offered in QE/AS above. QE-10 accepts stereo analog and digital I/O and is capable of processing live audio signals. With virtually no training required, QE-10 is ideal for small to medium sized departments or field offices of large agencies and task forces.



- ◆ **QuickEnhance QE-1500** – The QE-1500 is a tactical version of the QE-10 system. The same front panel controls and rear panel connectors are plate-mounted inside a rugged Pelican® case for easy deployment. QE-1500 also includes a MiniDisc® recorder to capture processed audio in the field.



**SSABR™ Covert Digital Recorder**

SSABR – DAC's leading edge solid-state covert digital recorder – continued to gain popularity around the world as the best-in-class solid-state, stereo, covert recorder available today. Version



2.0 of the SSABR Configuration and Download software was released in 2002, adding additional security functions, improved file management, and the SSABR Image File Player (IFP) application. The IFP is copied to CD along with the image file so that other parties can playback the SSABR image file without wave file conversion. These new features have helped make SSABR the obvious choice for best value in the covert recorder market.

**WinCSP**

For users of the CSP audio processor, DAC introduced a new version of user control software known as WinCSP. As an alternative to the CSP keypad command interface, WinCSP allows the user to connect a desktop or laptop computer to the CSP processor and run the software controls found in the PCAP II software, including the 460-line spectrum analyzer.



**DAC School CD**

Can't find the time or travel money to make it to the DAC School for Forensic Audio? Now DAC School can come to you in the form of a self-paced, multimedia training CD. In addition to the course curriculum, the DAC School CD also includes a valuable online reference for DAC products including copies of the user manuals and sample product configurations.

In all, 2002 was a busy year for us at DAC. For the latest updates on our 2003 projects, check in regularly at the DAC website – <http://www.dacaudio.com/>. **DAC**

## ***PCAP II Plus Upgrade Package*** ***Order now for 2<sup>nd</sup> Quarter Delivery!***

**H**ow do you make a great thing like the PCAP II audio processor even better? More POWER, more FILTERS, and more FLEXIBILITY, that's how! The PCAP II Plus upgrade package is designed to help you get more value and improved results for your audio clarification efforts. We've increased the processing horsepower, added new stages for digital filtering, improved the software user interface, and made the PCAP II more expandable through future software updates. To top it off, PCAP II Plus will feature our new NoiseEQ™ Selective Spectral Subtraction filter to enable focused application of the stereo broadband noise reduction filter at select frequencies.

The PCAP II Plus upgrade package is a factory upgrade program that includes updated hardware and software. Price of the upgrade package is US\$4,995.00; however, if you pre-order before 31 March 2003, you will receive a special early-bird price of US\$3,995.00 – a 20% savings over the full list price!\* Call the DAC office or your local DAC dealer today to place your order before 31 March.

\* - 20% early-bird discount offer applies to GSA purchasers as well.

### **NEW FEATURES - PCAP II PLUS**

- ◆ 50% increase in digital filter taps
- ◆ Two new main processing stages
- ◆ New NoiseEQ™ stereo broadband noise reduction filter
- ◆ 12 mono and 9 stereo processing stages
- ◆ AutoSYNC for the Output Sample Rate
- ◆ Software ChannelSwap feature for improved 2CH filtering applications

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