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DAC DIGEST



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DIGITAL AUDIO CORPORATION
A DRI COMPANY

"Technology to Make Listening Easier"

NEWS

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The DAC crew in Albuquerque . . .

NATIA 2000

Another success . . .

The National Technical Investigators Association 2000 Conference held in Albuquerque, New Mexico was another huge success for DAC and those in attendance. What made the conference so successful was the opportunity to meet old and new friends to discuss advances made in the DAC product line. These advances were evident in the new SPOTMIC and SAM, which were both on exhibit at the DAC booth. We look forward to seeing and hearing from each of you between now and the next show in Memphis.



Customer Focus

Commitment to customer service . . .

by Bill Mauldin
Business Development Director

As DAC concludes the year 2000, we can truly say it has been a successful year for the company. DAC has taken pride in its products for 21 years and has been a committed player to the field of audio enhancement. As a new member of the team, I've heard nothing but excellent comments from our customers concerning the outstanding service and product the company provides. These laudatory comments are a testament to the relentless spirit of DAC and its continued dedication to the customer.

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In the shadow of this spirit, I plan on ensuring that DAC enhances and continues its commitment to customer service. We can best achieve this through making sure we have your feedback concerning desired product changes and the level of service being provided. In order to accomplish this objective, I will be periodically providing you with feedback forms addressing specific customer requirements and making telephonic contact to ensure customer satisfaction is maintained. In the meantime, we look forward to hearing from each of you concerning these needs and any others. Feel free to call me anytime at 703 556 3779.



**DAC's Dealer Network –
Global reach with a local touch. . .**

DAC's network of authorized dealers and representatives continues to grow. Recent additions have brought new presence in Canada, Central America, Europe, and the Middle East. While the Internet has brought world commerce closer together, DAC dealers continue to provide a valuable resource for products, information, and service. Many of our dealers can assist you with local service requirements or answer questions about how best to use your DAC equipment. Their knowledge of local culture, language and customs helps ensure you get a timely, accurate response to your inquiries. For more information on how to contact your local dealer or representative, visit the DAC website at http://www.dacaudio.com/dealer_maps.html or call the DAC offices in Raleigh, NC.



Price Changes Announced September 1st

On September 1, 2000, DAC announced a series of price adjustments to its core product line. In addition, the PicoDAC now comes bundled with the Configuration Utility software, previously sold as a separate item. The new list prices are as follows:

- MicroDAC II Discontinued
- MicroDAC IV New Price!
- PicoDAC New Price!
- PIP II New Price!
- TIP II New Price!

GSA pricing has been updated to reflect the revised commercial list prices. For more information, contact your DAC dealer or call the DAC offices in Raleigh, NC.



PRODUCTS

Introducing MAP II

A good thing just got better . . .



The MAP II is ready for your lab . . .

DAC has recently completed a major redesign of its popular MAP1 and UDF1A products, combining the features of both into one instrument known as MAP II. This is a product geared toward laboratory and professional audio applications; it is a self-contained, high-performance digital signal processing instrument. The MAP II requires no computer to operate, and its predecessors have found wide acceptance among DAC's international customers. Key features of the new product include:

- Bandwidth options of 2.0, 3.5, 5.0, 8.0, 10, 15, and 20kHz
- Dual/series 2048-tap or single 4096-tap filter configuration
- All filter modes of both MAP1 and UDF1, including Hilbert Transformer, Correlator, Frequency Translator, Capture/Looper, Delay Line, 2CH Adaptive, 1CH Adaptive, Comb, Lowpass, Highpass, Bandpass, Bandstop, Notch, and Slot filters
- Built-in digitally-synthesized signal generators, including Sine Wave, White Noise, and Pink Noise
- Built-in Limiter/Compressor/Expander dynamic level processor
- Both balanced XLR and unbalanced RCA analog input/output; AC/DC coupling option on unbalanced inputs/outputs
- Latest 24-bit sigma-delta analog-to-digital and digital-to-analog conversion, yields signal-to-noise ratios exceeding 110dB
- Direct digital input/output; both S/PDIF and AES/EBU formats supported, sample rates of 32, 44.1, 48, and 96kHz supported, both 16- and 24-bit compatibility
- Professional audio packaging with both rack mount and tabletop "tilt" stand included
- Soft-touch keypad and LCD user interface
- German, Italian, French, or Spanish language versions available by special request

Two versions of the MAP II are being offered. The first, the scientific version, has all the capabilities listed above; and the second, the professional audio version, has the following limitations:

- Dual/series 1024-tap or single 2048-tap filter configuration, vs. 2048/4096
- No Hilbert Transformer, Correlator, or Frequency Translator modes

Please contact DAC or your dealer today for further information and pricing for the new MAP II.



The MiniDAC joins the DAC family

Introducing MiniDAC

An easy way to get digital noise filtering onto your body-wire receiver!

Combining the capabilities of DAC's popular PicoDAC Compact Noise Filter with a portable digital recorder, the MiniDAC provides a uniquely ingenious solution for adding both high-performance digital noise filtering and digital recording to your body wire receiver kit.

MiniDAC has the same overall form factor as the Marantz PMD201 portable cassette recorder, and is therefore a drop-in replacement for that unit in body-wire receiver applications. In most cases, the user will be able to simply unbolt the Marantz unit and bolt in the MiniDAC. This avoids both the downtime and extra expense involved in sending your receiver back to the factory for digital filter upgrade! Also, the MiniDAC can be easily removed from one receiver and installed in another as units are replaced, allowing you to protect your digital filter investment as receiver technologies change.

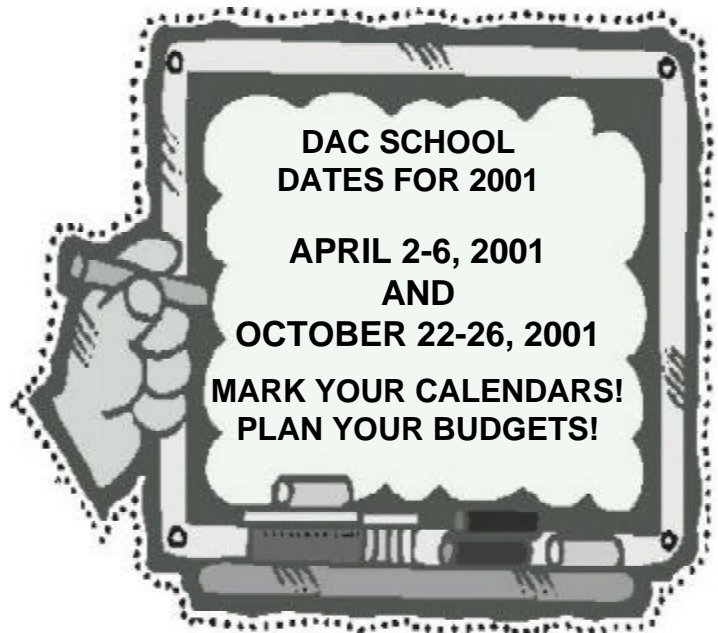
The standard MiniDAC package includes a Sony Walkman DAT recorder, which allows the highest possible quality original audio recording; optionally, a MiniDisc recorder can be provided to reduce system cost, but with some compromise in the quality of the recorded audio. MiniDAC records only the original, unfiltered audio in order to preserve the evidence intact and allow subsequent laboratory analysis and enhancement by forensic experts.

During both recording and playback operation with the MiniDAC, the user can listen to the audio through the digital noise filter in order to reduce background noises like music, hum, reverberations, sirens, and high-frequency hiss. Also, the filter automatically corrects for typical near/far party level difference situations with the built-in 30dB Automatic Gain Control. Either the built-in speaker or the dual headphone jacks can be used for listening, and the filter is controlled by a 10-position selector and process/bypass switch. This allows the user to try each of the 10 filter combinations, flip the filter in or out, and go with what sounds best – nothing could be simpler!

Key features of the MiniDAC system include:

- Same form factor as Marantz PMD201 recorder
- Optional Sony Walkman DAT or MiniDisc digital recorder
- Both line- and mic- level input for connection to any receiver
- Automatic input level control
- Built-in loudspeaker and dual 3.5mm stereo headphone jacks with volume control
- Recessed control switches
- Dual 256-tap adaptive FIR filters + 30dB AGC
- 10 pre-programmed filter combinations
- Programming port which allows reprogramming filter combinations with PicoDAC Windows® Configuration Utility (optional)
- 4-14VDC power (optional universal AC adaptor available)

Contact DAC or your dealer today for more information and pricing on the MiniDAC!



Craig's Corner

Craig Scates, General Manager



Republicans. Democrats. Green Party. Reform Party. The Other Reform Party. In an election year, one thing is certain; the choices can be confusing. I'm sure many of you felt the same way at the NATIA

2000 Technology Showcase in Albuquerque this past August. In another record-setting event for NATIA, the aisles were packed with the latest technology available for use in the technical investigative arena. The endless array of options can sometimes make the choice of how you will spend your limited budget money an agonizing one. Most likely, the boss has given you one vote and you have to make it count. I believe the choice is simple: vote DAC for the finest audio enhancement and analysis solutions on the market today. While the other candidates make promises, we deliver for you! But don't wait until Nov. 7th, cast your vote today!



If you are interested in being a part of DAC's growing electronic mailing list, please send an email to Bernie Brown at bernieb@dacaudio.com with your updated contact information and email address. Members of the list will receive periodic emails describing product updates and promotions, as well as informative tips on using DAC products. By next year, we hope to distribute the DAC Digest newsletter electronically as well.



Many of you stopped by the booth at NATIA to say how much you enjoy using your DAC audio products. You also gave us the ultimate challenge, "So what's next?" Well, I'm glad you asked. Over the next 18 months you can expect several new product introductions, as well as next generation improvements to our existing family of digital audio filters. If you have a particular audio need that isn't being met today, let us know today. Bringing the best solutions to bear on your problems is what makes us both successful.

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