



Control is nothing without power

CEDAR



It's all very hush hush

DNS2000
dialogue noise suppressor

CEDAR for Pro Tools

CEDAR



The Technology

CEDAR's Dynamic Noise Suppression technology has become the standard for removing background noise from dialogue. With near-zero latency, 40-bit processing, and a fast, intuitive user interface, it eliminates traffic noise, aircraft, air conditioning, wind, rain, tape hiss, and general background from recordings and live transmissions. It will help to remove motor noise from small covert recorders, and eliminate electrical interference. It will even suppress excessive reverberation.

Remote Control Software

The DNS2000 Remote Control Software runs on most Pro Tools systems, providing a fast and intuitive user-interface based on CEDAR's award-winning DNS1000 dynamic noise suppressor, itself a standard for post, dubbing and audio forensic applications. The Software controls all aspects of the DNS2000, and automates its operating parameters. Furthermore, it is capable of driving up to 126 individual DNS2000 processor units, thus making it more than adequate for the largest studio and post installations.

Near-Zero Latency

The DNS2000 has less than 0.2ms latency, making it perfect for real-time applications. So, in addition to its obvious place in post and dubbing suites, you can use it for studio and remote broadcast, where it will eliminate noise and control excessive reverberation with no loss of lip-sync.

Speed, Flexibility, and Simplicity

With multiple frequency ranges that allow you to tune the processing to the type of noise, full-band processing when needed, and an intuitive user-interface, the DNS2000 is designed for the way *you* work, offering the best combination of audio quality, flexibility, speed and simplicity.

SPECIFICATIONS

Inputs:	24-bit AES/EBU & SPDIF
Outputs:	24-bit AES/EBU & SPDIF
Resolution:	40-bit floating point
Max Power:	198MFLOPS
Response:	2Hz - 20kHz
Latency:	<10 samples (0.2ms)
Channels:	2
Format:	1U rackmount
Depth:	20cm
PSU:	90 - 260VAC auto selecting



*Powered by CEDAR
Controlled by Pro Tools*

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Seamless Integration

The DNS2000 is a fully automated implementation of our DNS technology designed specifically for Pro Tools users. Connected to Pro Tools using a USB cable, the DNS2000 processor provides the DSP and the 24-bit I/O for the system. Housed in a 1U rack, it offers a remarkable 198MFLOPS of floating-point power, and will process two independent channels simultaneously.

Timecode

Drawing upon the advanced timecode capabilities provided within Pro Tools, the DNS2000 adds full automation to our existing DNS technology. You can use dynamic automation or snapshot automation to ensure that the amount of noise reduction is always appropriate for the job at hand. These facilities make the DNS2000 particularly suitable for film production, video production and dubbing.

E&OE

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