

Key Benefits:

- *Real-time application*
- *Supports high sample rates*
- *Powerful and effective*
- *Soft touch keypad*
- *Attacks multiple noise problems*
- *No computer needed*

Best Uses:

- *Forensic lab work*
- *Vibration*
- *Multiple noise problems*
- *Acoustic precision*
- *Seismic applications*
- *Voice extraction*

Who Needs This?

- *Forensic lab technicians*
- *Technical investigators*
- *Professional audio team*
- *TSCM Teams*

For more information or to receive a price quote, visit the DAC website at <http://www.dacaudio.com/> or send us an email at sales@dacaudio.com.

THE POWER TO HEAR –
THE POWER TO CONVICT™

MAP II

Self-contained, high performance, multi-purpose audio processor



Specifically engineered for use in vibration, acoustic, voice, and seismic applications, the MAP II remains the finest laboratory-based, digital signal processing instrument on the market! MAP is a complete, standalone system that delivers powerful adaptive filtering to effectively deal with complex noise environments.

Key Features:

- *Bandwidth options from 2.0 kHz to 20.0 kHz*
- *Dual/series 2048-tap or single 4096-tap filter configurations*
- *18 digital processing options including: Highpass, Lowpass, Comb, Notch, and Adaptive filters*
- *Built-in, digitally synthesized, signal generators including Sine Wave, White Noise, and Pink Noise*
- *Built-in Limiter/Compressor/Expander dynamic level processor*
- *Direct digital input and output*
- *Soft-touch keypad and LCD user interface*
- *Selected foreign language versions available by special request*



DIGITAL AUDIO CORPORATION

A DRI Company

4018 PATRIOT DRIVE, SUITE 300 | DURHAM, NC 27703 USA
PH: 919-572-6767 | FAX: 919-572-6786

ANALOG

- Line Inputs**
- Stereo
 - Panel adjustable 0.1V to 5.0Vrms
 - $Z_{in} = 50k\Omega$
 - Both balanced (XLR) and unbalanced (RCA) input jacks
- Line Outputs**
- Stereo
 - 2.2Vrms
 - $Z_{out} = 100\Omega$
 - Both balanced (XLR) and unbalanced (RCA) output jacks
- Phones Output**
- 1/4" stereo jack
 - Selectable Left, Right, or Both (stereo) monitoring
 - Volume control
- Analog Conversion**
- 24-bit dual-channel 64x to 384x oversampled stereo A/D and D/A
 - Sigma-delta technology

DIGITAL PROCESSING

- DSP Processors**
- TMS320F206 20MHz controller CPU
 - 18 DSP 56200 digital filter processors
- Digital Inputs/Outputs**
- AES/EBU (XLR) professional format digital input and output
 - S/PDIF (RCA) professional format digital input and output
 - Supports sample rates of 32, 44.1, 48, and 96 kHz
- Processing**
- 14 processing modes, including 2CH Adaptive, 1CH Adaptive, Lowpass, Highpass, Bandpass (2 types), Bandstop, Comb (2 types), Notch (2 types), Limiter/Compressor/Expander, Convolver, Delay Line
 - Sine Wave and Noise (White, Pink, and Voice) Generators
 - Digital Capture/Looper
 - Optional Hilbert Transformer, Correlator, and Frequency Translator
- Processing Bandwidths**
- 2.0, 3.5, 5.0, 8.0, 10, 15, or 20kHz, panel selectable

CONSTRUCTION

- Enclosure**
- 19" W x 3.5" H x 12" D aluminum
 - Both tabletop tilt stand and rackmount kit included
- User Controls**
- 16-button soft touch keypad
 - Backlit 4-line x 40-character LCD screen
- Ports**
- RS232 serial interface
 - Front panel emulation via VT100-compatible terminal
- Power**
- Auto-sense 115/230 VAC, 47-440 Hz, 40 watts, IEC line cord

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