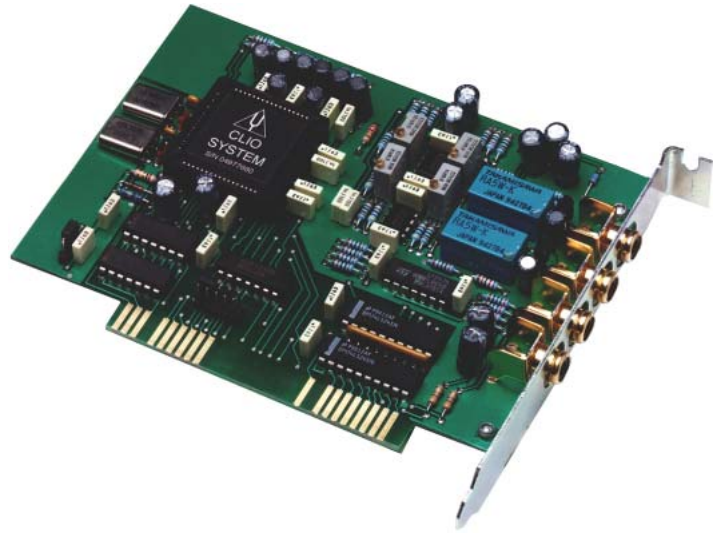


CLIO

ELECTRICAL & ACOUSTICAL TESTS

ISA PC BOARD HR-2000



■ PRODUCT DESCRIPTION

The HR-2000 PC board works as a precision two channels A/D D/A audio front-end for your IBM or compatible PC.

The instrument grade input and output analog circuitry and its wide range of output attenuation and input gain allows an easy interface to the outer world; the two input channels can be controlled separately or as a single balanced one; switchable phantom supply lets you directly connect an Audiomatica MIC-01 or MIC-02 microphone to the HR-2000 input.

Dual DMA handling permits both generation and acquisition to be performed in background giving maximum flexibility and ease of operation.

■ AVAILABLE SOFTWARE

CLIO 4.5 system software for MS-DOS or CLIOwin system software for Windows 95, 98 or Me.

■ TECHNICAL SPECIFICATIONS

■ GENERATOR

Two channels 16 Bit sigma-delta D/A Converter

Frequency range: 1Hz-22kHz(+0-1dB)

Frequency accuracy: >0.01%

Frequency resolution: 0.01Hz

Output impedance: 1000ohm

Max output level (Sine): 12dBu (3.1Vrms)

Attenuation: 0.1dB steps to full mute

THD+Noise (Sine): 0.015%

■ ANALYZER

Two channels 16 bit sigma-delta A/D Converter

Input range: +30 ÷ -40dBV

Max input acceptance: +30dBV (89.5Vpp)

Input impedance: 64kOhm (5.6kOhm mic)

Phantom power supply: 8.2V

■ PC SYSTEM RESOURCES

I/O address: 300÷304 (or 310÷314) Hex

DMA channels: 1 and 3

■ MISCELLANEOUS

Sampling frequency: 51.2kHz÷1.6kHz

Card type: 14cm. 8 bit ISA slot card

Card connections: four RCA plugs

Turns your PC into the most complete easy-to-use electrical and acoustical measurement system



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