

XCHANGER.NET.HARD PCI Professional Audio Board



DESCRIPTION

The XCHANGER.NET.HARD sound board is an AC'97 compliant PCI professional-quality sound board designed to work together with the XCHANGER.NET codec or LOGGER software.

APPLICATIONS

- In large PA systems where computers are used to process audio.
- On any PC where high-quality audio is sought.

FEATURES

- Balanced analog I/O
- Fully RF filtered
- EASY-PORT™ compatible phantom power for MIC2 microphone terminals
- Headphone monitoring output may be fitted as an optional extra (/H version)
- 4 inputs and 1 output, dual-channel
- 48kHz sample rate for 18-bit resolution A-D, D-A conversion, 8-48kHz using a built-in sample rate converter
- Fully EN55103 compliant according to 89/336/EMC when installed on a properly designed system
- Compatibility verified with Windows™ 98/2000/XP. Works under NT with a compatible driver not fully suited to the board.

SPECIFICATIONS

BUS	PCI
Reference Level	0dBu (-10dBFS)
Input Impedance	12k Ω balanced
Output Impedance	100 Ω balanced
Frequency response	20-20kHz \pm 1dB (Line) 50-15kHz \pm +1/-3dB (MIC)
Input clipping point:	+10dBu (LINE), -24dBu (MIC)
Output clipping point:	+15dBu
THD+N	<0.01% 1kHz +10dBu (LINE) <0.15% 1kHz +10dBu (MIC)
Inp. Referenced Noise	IEC-A <-107dBu (MIC) <-75dBu (LINE)
Gain	52dB (MIC), 12dB (LINE)
Crosstalk	>60dB(1kHz) >40dB(20Hz-15kHz)
MRR	>40dB(1kHz-15kHz) > 25dB at 20Hz,
Physical	1 PCI slot
Weight	150 g
Power supply	PC-supplied \pm 12V, +5V
Operating temp.	0-40°C

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ABC-Abrunheira Business Center
Edifícios 10-11 R. das Maçarocas
Abrunheira 2710-056 Sintra
Tel +351 219152040
Fax +351219154079
web: www.acutron.net
mail: info@autron.net

DISTRIBUTOR



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