



# Innes Corporation

Better Engineering Better Results

## Auricon 4.1

PRO-AUDIO SOUND CARD



Auricon PCI input-output cards

### FEATURES

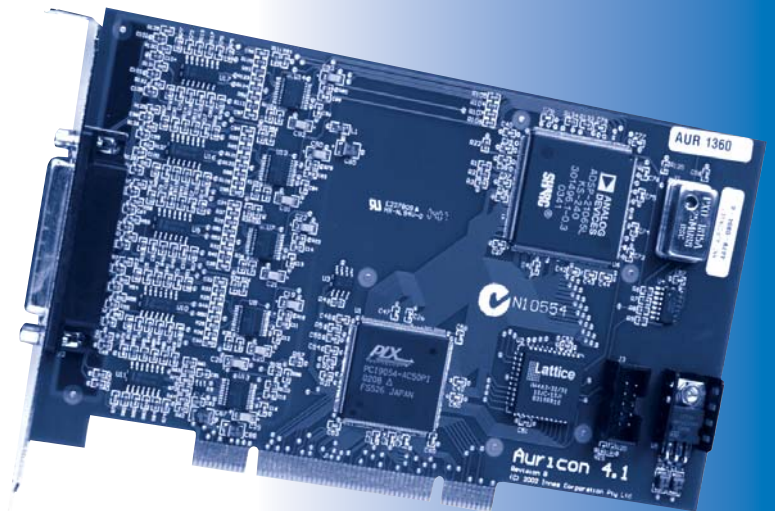
- 1 stereo balanced input and 4 stereo balanced outputs configurable as 2 mono inputs and 8 mono outputs
- 24 bit A/D and D/A converters
- Simultaneous Record/Play on each channel
- Full Windows Wave and DirectX Functionality
- Supports Windows - NT4, 98 SE, ME, 2000, XP, Server 2003 (certified for 2000, XP, and Server 2003)

### OVERVIEW

These professional quality PCI sound cards offer high level balanced input and output on a Windows platform, and are fully compatible with the Wave, DirectSound, DirectShow and MCI API's. The nominal input and output level may be set to the industry standards of +8dBu, +4dBu or 0dBu.

24-bit A/D and D/A converters are used along with an on-board digital signal processor that provides audio buffering, sampling rate conversion, level adjustment and mixing functions. All of the common sampling rates from 8kHz to 48kHz are supported with 32, 24, 16 or 8 bit PCM data, and may be set independently for each input and output. The Windows kernel mixer and kernel splitter allow any number of applications to simultaneously access each channel on the card.

The card's mixer functions provide input and output level control, muting and metering, and allow all of the line inputs to be mixed back into each output. A DRM-compliant digital loopback is also provided from each output channel into its corresponding input channel.



[www.innescorp.com.au](http://www.innescorp.com.au)

Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.



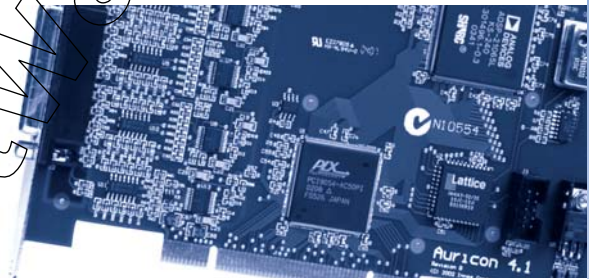
# Auricon 4.1

PRO-AUDIO SOUND CARD

## SPECIFICATIONS

Operating System	Windows NT4, 98 SE, ME, 2000, XP, Server 2003
Sampling Rates	48, 44.1, 32, 24, 22.05, 16, 12, 11.025 and 8kHz
Hardware Resolution	24 bits
Software Resolution	32, 24, 16 or 8 bits
Dynamic Range	102dB typical (unweighted)
Sampling Rate Accuracy	+/- 5ppm
Input impedance	20k (balanced)
Output impedance	40 ohms (balanced)
Maximum signal	+24 dBm (34.6 Vp-p)
Frequency response	Input 1Hz to 20kHz Output DC to 20kHz

Note: Specifications subject to change without notice.



**p** +61 2 9987 0499 **f** +61 2 9987 0599 **e** sales@innescorp.com.au  
PO Box 1844 or 3/38 Leighton Place Hornsby NSW Australia 2077

[www.innescorp.com.au](http://www.innescorp.com.au)

This professional quality 24 bit resolution 102dB dynamic range AES31 compliant two AES31 format audio interface is designed for professional audio studios and broadcast environments.

2008 content is used with permission for reproduction on the internet, sampling rates from 320Hz to 192kHz. All related sampling rates can be configured on these cards. All rights reserved to an original AES31 implementation source.

© 2008 Innes Corporation. All rights reserved. This document is the property of Innes Corporation and is not to be distributed, copied, or reproduced in any form without the written permission of Innes Corporation. Innes Corporation is not responsible for any errors or omissions in this document. Innes Corporation is not responsible for any damage or loss of data resulting from the use of this document. Innes Corporation is not responsible for any loss of data resulting from the use of this document. Innes Corporation is not responsible for any loss of data resulting from the use of this document.