WAVE/8·24™

Professional 24-bit Digital Recording Interface

The easy way to turn your PC into a professional recording studio

- *8 + 8 audio inputs & outputs, multi-channel record & playback*

- *True 24-bit audio*

- *PCI bus card with Plug-and-Play support for easy installation*

- *External patch bay with pro connections: balanced, +4dBu or unbalanced, -10 dBv, 1/4" phone & XLR jacks*

- *Integrated MIDI interface*

- *Exclusive SoundCache chip for glitch-free audio*

- *Optional 24-bit S/P DIF add-on card*

- *Expand with 2nd or 3rd Wave/824 interfaces for 16 or 24 channels*

- *Use with Windows® 95/98, Windows NT & Macintosh® OS*

- *Compatible with popular audio software: Cubase VST, Cakewalk, Sudio Vision, Cool Edit Pro, Vegas, Acid & many more.*

Now, recording digital audio with 24-bit samples is no longer the exclusive domain of high-end pro studios. The Wave/824 interface sets a new standard for digital audio performance at an amazingly affordable price. In addition to excellent sonic clarity and audio headroom for the most demanding recording sessions, the Wave/824 has a full complement of pro audio features like balanced analog inputs and outputs and +4dBu audio levels. Don't limit yourself to transitional, 20-bit technology -- get ready today for the future of high resolution audio and DVD with 24-bit recording.

The Wave/824 interface is the primary recording connection from your audio mixer and other gear to your PC. With 8 inputs, you can record multiple musicians or instruments simultaneously and capture the special magic of live performances. The 8 outputs give you the flexibility to add audio effects externally or to audition multi-channel mixes for surround-sound. For special convenience, the Wave/824 includes stereo pairs of balanced XLR inputs and outputs for direct connection of a microphone preamp or a power amplifier. Quiet operation is ensured with a very low impedance electrical design. A buffered MIDI interface is included for quick connection to other music gear.

The Wave/824 interface comes ready to record and includes an adapter card for the PCI bus as well as a patch bay for audio connections. Installation is simple plug and play with no switches. Our extensive software driver support makes the Wave/824 easy to use with popular software (e.g. Cubase VST, Cakewalk, Emagic Logic, Opcode Studio Vision, Cool Edit Pro, Vegas, Acid, Samplitude, SAW Pro, Quartz etc).

With room to grow, you can add a second or third Wave/824 interface for easy expansion to 16 or 24 channels. And for digital interfacing, a 24-bit S/P DIF interface can be added as a "daughtercard" option. To sum it up, the Wave/824 interface delivers unprecedented flexibility and value for pro quality recording.

for more info, surf to

www·gadgetlabs·com

Gadget Labs

333 SW 5th Ave. Suite 202
Portland, Oregon USA 97204
E-mail info@gadgetlabs.com
Tel 503-827-7371

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SPECIFICATIONS

ANALOG AUDIO INPUT

type	balanced or unbalanced line x 8
drive level	+4dBu or -10dBv, switched via software
input impedance	32K ohms
connections	1/4 jacks and XLR connectors via breakout box

ANALOG AUDIO OUTPUT

type	balanced or unbalanced line x 8
drive level	+4dBu or -10dBv, switched via software
output impedance	100 ohms
connections	1/4 jacks and XLR connectors via breakout box

SAMPLING CONVERSION & SIGNAL QUALITY

analog-to-digital converters	
sampling	24-bit, 128-times over-sampling
sampling rates (kHz)	11.025, 16.0, 22.05, 24.0, 32.0, 44.1, 48.0
dynamic range	105 dB, A-weighted
digital-to-analog converters	
conversion	24-bit, 128-times over-sampling
dynamic range	106 dB, A-weighted
frequency response	10 to 20 kHz, ±0.1 dB

MIDI INTERFACE

type	hardware buffered using 16550 UART
connection	MIDI In and Out via standard DIN on breakout box

DIGITAL I/O OPTION (via add-on daughter card)

type	S/P DIF, 24 bit, full duplex
I/O connection	RCA connectors (2) on base card

SYSTEM REQUIREMENTS

software driver support	Windows® 95/98, Windows NT, ASIO, Macintosh ASIO and OMS (Q3/99)
PC interface, resources	full-length PCI bus card (11.5 inches), one IRQ
minimum processor	233 MHz or higher Pentium® family (all versions); Mac G3 or PPC 604e processor (compatible processors also supported)

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