

ECHO

DIGITAL AUDIO

AUDIOFIRE™

FIREWIRE RECORDING

AUDIOFIRE12

- 12 +4dBu Inputs (TRS) • 12 +4dBu Outputs (TRS) • 24BIT 192kHz Sampling • MIDI input/output • Word Clock Sync



AUDIOFIRE8

- 2 Universal Inputs with mic preamps, meters, trim, and channel inserts • MIDI input/output
- Headphone Output • 6 +4dBu Inputs (TRS) • 8 +4dBu Analog Outputs (TRS) • S/PDIF input/output • Word Clock Sync



LAYLA3G



LAYLA3G

- 2 Universal Inputs with mic preamps, meters, trim, and channel inserts
- 6 +4dBu Inputs (TRS)
- 8 +4dBu Analog Outputs (TRS)
- MIDI input/output
- ADAT and S/PDIF input/output
- Word Clock Sync
- Headphone Output

GINA3G



GINA3G

- 2 Universal Inputs with mic preamps, meters, and trim
- 6 +4dBu Analog Outputs (TRS)
- MIDI input/output
- ADAT and S/PDIF input/output
- Headphone Output

INDIGO



DUAL STEREO OUTPUT - 4 CHANNELS



STEREO INPUT • STEREO OUTPUT

INDIGO DJ:

- Stereo Output Jack For Headphones Or Powered Speakers • Second Independent Line Level Output Jack
- 8 Virtual Outputs – Run Multiple Applications At Once • Preview One Mix While Playing Back Another
 - Full Support For Pro Audio And Dj Software (WDM Kernel Streaming, ASIO, GSIF, and CoreAudio)
- Includes 6 Foot Cable For RCA And 1/4" Connections • Requires One Cardbus Type II Slot
 - Windows ME/2000/XP and Mac OS X 10.2 Or Better

INDIGO IO:

- 24 Bit Professional Audio Record And Playback For Windows And Mac OS X • Stereo Line Level Input Jack
 - Stereo Output Jack For Headphones Or Powered Speakers • Great For Software Synths
 - 8 Virtual Outputs - Run Multiple Applications At Once • Requires One Cardbus Type II Slot
 - Full Support For Pro Audio Software (WDM Kernel Streaming, ASIO, GSIF, and CoreAudio)
- Includes 6 Foot Cable For RCA And 1/4" Connections • Windows ME/2000/XP and Mac OS X 10.2 Or Better

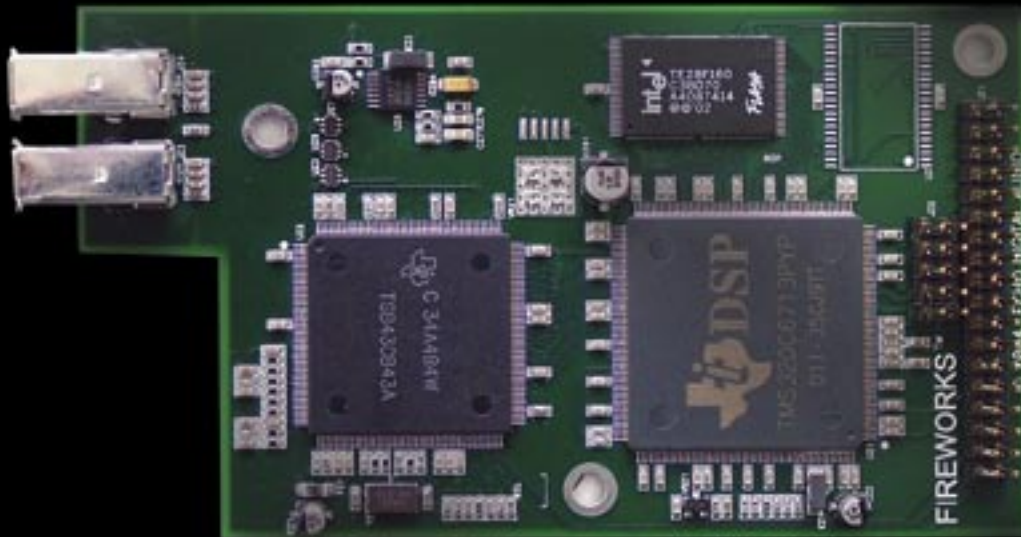
MIA MIDI



Two balanced analog inputs and outputs provide 106dB of dynamic range, and are software switchable for use with +4dBu or -10dBv levels. Each input can be monitored to any output. Comes with a custom molded breakout cable that provides MIDI input/output and Coaxial S/PDIF connectors for connecting to MIDI keyboards or sound modules, DATs, CD players, etc.

FIREWORKS

FIREWIRE AUDIO INTERFACE MODULE FOR OEM MANUFACTURERS



FIREWIRE FEATURES:

- Two 1394a 400 megabit ports
- Texas Instruments iceLynx with integrated phy, link, and ARM7 processor
- Multiple channels at up to 192 kHz: 12in / 12out @ 192 kHz , 24in / 24out @ 96 kHz , 48in / 48out @ 48 kHz
- Two isochronous channels
- Supports any audio data format: AM824, floating point, big and little endian
- 61883-6 and AV/C compliant

DAUGHTERCARD I/O:

- 15 serial pins, either I2S or I8S format (maximum of 120 audio channels)
- 9 GPIO pins
- MIDI I/O
- SPI port (uses 5 of the GPIO pins)

CLOCKING:

- Supports up to 192 kHz sampling
- Built in low-jitter internal clock
- Supports FireWire SYT clock recovery
- Supports sync to external clock

POWER:

- Supports external and FireWire bus power

SOFTWARE FEATURES:

- Mac OS X native driver support - CoreAudio and CoreMIDI
- Includes low-latency Windows WDM/ASIO/GSIF drivers

SIGNAL PROCESSING:

- 1.6 gigaflop 32-bit floating point DSP (Texas Instruments 320C6713)
- Supports Texas Instruments XDAIS plugin standard
- Digital mixer included

MEMORY:

- 2 megabyte flash ROM
- 256 kbyte internal DSP memory
- 256 kbyte internal ARM memory

PRODUCT SPECIFICATIONS

SPECIFICATION	GINA3G	LAYLA3G	AUDIOFIRE8	AUDIOFIRE12
DIGITAL CONNECTORS	Coax & Optical S/PDIF, ADAT	Coax & Optical S/PDIF, ADAT	Coax & Optical S/PDIF	N/A
ANALOG OUTPUTS	6 1/4" (TRS)	8 1/4" (TRS)	8 1/4" (TRS)	12 1/4" (TRS)
DIGITAL OUTPUTS	2 or 8	2 or 8	2	N/A
ANALOG INPUTS	2 universal*	2 universal*, 6 1/4" (TRS)	2 universal*, 6 1/4" (TRS)	12 1/4" (TRS)
DIGITAL INPUTS	2 or 8	2 or 8	2	N/A
NOMINAL LEVEL	+4/-10	+4/-10	+4/-10	+4/-10
INPUT CLOCKS	S/PDIF, ADAT, & MTC	Word, S/PDIF, ADAT, & MTC	Word, S/PDIF, & MTC	Word & MTC
OUTPUT CLOCKS	S/PDIF, ADAT, & MTC	Word, S/PDIF, ADAT, & MTC	Word, S/PDIF, & MTC	Word & MTC
MIDI	yes	Yes	Yes	Yes
SAMPLE RATES	32kHz-96kHz	32kHz-96kHz	32kHz-96kHz	32kHz-192kHz
DYNAMIC RANGE	114dB	114dB	114dB	114dB
FULL DUPLEX	yes	yes	yes	yes
GSIF COMPATIBLE	yes	yes	yes	yes
OTHER	headphone output	headphone output	headphone output	N/A
INTERFACE	PCI	PCI	FireWire	FireWire

SPECIFICATION	INDIGO>io	INDIGO>dj	MIAMIDI
DIGITAL CONNECTORS	N/A	N/A	S/PDIF
ANALOG OUTPUTS	1 stereo 1/8"	2 stereo 1/8"	2 1/4" (TRS)
DIGITAL OUTPUTS	N/A	N/A	2
ANALOG INPUTS	1 stereo 1/8"	N/A	2 1/4" (TRS)
DIGITAL INPUTS	no	no	2
NOMINAL LEVEL	-10	-10	+4/-10
INPUT CLOCKS	no	no	S/PDIF
OUTPUT CLOCKS	no	no	S/PDIF
MIDI	no	no	yes
SAMPLE RATES	32kHz-96kHz	32kHz-96kHz	32kHz-96kHz
DYNAMIC RANGE	109dB	110dB	106dB
FULL DUPLEX	yes	N/A	yes
GSIF COMPATIBLE	yes	yes	yes
OTHER	8 virtual outputs	8 virtual outputs	8 virtual outputs
INTERFACE	CardBus	CardBus	PCI

*Universal inputs support mic, guitar, & line level signals over XLR or 1/4" (balanced TRS or unbalanced TS) cables. Meters, trim knobs, & phantom power switch are provided.

All products have adjustable levels for analog outputs and monitors that can route from any input to any output.

Specifications subject to change without notice.



ECHO DIGITAL AUDIO CORPORATION

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