

TASCAM®

Computer Recording Solutions

USB/FireWire Computer Recording Solutions



Four ways to get your music into your Mac® or PC.

FireWire™ or USB.

From compact interfaces to studio control surfaces, there's a TASCAM® for you.



FW-1884
FireWire Audio / MIDI Interface and DAW Controller



US-224
Desktop USB Audio / MIDI Interface and DAW Controller



US-122
Compact USB Audio / MIDI Interface



US-428
Desktop USB Audio / MIDI Interface and DAW Controller



Put TASCAM's solid, thirty-year reputation for sound quality and professional recording features to work for you and your computer.

Each of our interfaces has studio-grade mic preamps — even the ultra-compact US-122.

Our DAW controller/interfaces let you reach in and get your hands on real faders and knobs (instead of madly mousing around).

Read on to discover which TASCAM computer recording solution best fits your budget and applications.

The FW-1884, US-428 and US-224 can be mapped for tactile control of popular software programs such as Logic™, Digital Performer™, Sonar™, Cubase™, Cool Edit Pro™, Pro Tools® and Nuendo™. For a complete compatibility listing, visit www.tascam.com.



FW-1884

FW-1884

The FW-1884 is a professional DAW control surface and audio/MIDI interface that uses FireWire's high-bandwidth capabilities to provide audio and MIDI interfacing to computers. And it offers control of DAW parameters via eight 100mm motorized touch-sensitive channel faders, one motorized master fader, and controls for pan, solo, mute and select functions on each channel...as well as tactile control for four bands of parametric EQ, a jog/shuttle wheel and a variety of shortcut keys for various popular software applications.

Co-designed by TASCAM and Frontier Design Group, the new FW-1884's DAW control capabilities include comprehensive mixing, automation, editing and navigation tools. Along with eight balanced XLR analog mic/line inputs with high-quality mic preamps and phantom power, the new FW-1884 gives you eight channels of ADAT® lightpipe and stereo S/PDIF inputs and outputs. Perfect for multi-channel surround production as well as standard stereo mixing, the FW-1884 provides eight analog outputs for simultaneous connection to L/R and 5.1 surround matrices. A headphone



FireWire Audio / MIDI Interface and DAW Controller

- ▶ Dual FireWire ports
- ▶ 24-bit/96kHz A/D/D/A
- ▶ 96kHz operation on all analog I/O channels (with compatible DAW software)
- ▶ 64 MIDI channels (4 MIDI inputs and 4 MIDI outputs)
- ▶ 8 XLR mic inputs with phantom power
- ▶ 8 1/4" TRS balanced line inputs
- ▶ 8 1/4" TRS balanced line outputs
- ▶ Guitar/Line level switch on Channel 8
- ▶ 8 1/4" TRS inserts
- ▶ Stereo S/PDIF digital I/O
- ▶ 8-channel ADAT® Optical Digital I/O
- ▶ Footswitch jack
- ▶ Headphone jack with level control
- ▶ Word Clock in/out
- ▶ 100mm motorized touch-sensitive faders
- ▶ Dedicated controls for pan, solo, mute and select functions, tactile control for 4-band parametric EQ
- ▶ Mappable shortcut keys for popular DAW programs
- ▶ EXPANDABLE! FE-8 sidecar expands FW-1884 system up to 128 channel strips

output is also provided.

Four MIDI inputs and four MIDI outputs on the FW-1884 allow users to connect with a wide variety of MIDI sound generation and timing tools. Its Word Clock in and out jacks allow computer systems to maintain accurate clock synchro-

nization in digital recording environments. Also, its assignable foot-switch jack can be used for tasks such as hands-free punching or MIDI control. In use, the FW-1884 allows up to 18 audio inputs to be accessed at once.

Use the FE-8 "sidecar" to expand the FW-1884 with eight more channel control strips (100mm motorized faders and dedicated control buttons). Up to 15 FE-8's may be added to an FW-1884 as needed for big console functionality. ■

US-428



USB Interface and DAW Controller

- ▶ 32 MIDI channels (2 MIDI inputs and 2 MIDI outputs)
- ▶ 2 XLR mic inputs
- ▶ 4 1/4" line inputs (2 TRS bal., 2 TS unbal.)
- ▶ RCA analog outputs
- ▶ 4 aux send controllers
- ▶ headphone output
- ▶ S/PDIF digital I/O
- ▶ 8 faders support unlimited banks
- ▶ 4-band parametric EQ controller
- ▶ Transport, mute/solo, locate keys
- ▶ Mappable shortcut keys for popular DAW programs

US-428

By providing both audio/MIDI interfacing and control surface capabilities, the US-428 provides two distinct ways of helping you work.

First, it allows you to get four channels of audio in and two out along with 32 channels of MIDI I/O — simultaneously via USB. You get two mic preamps for vocals and four line inputs for instruments, etc.

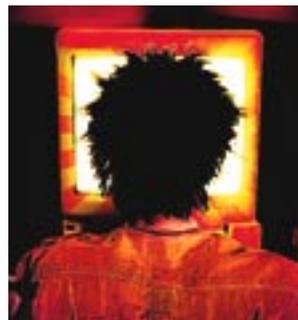
Second, you get real tactile controls for the most-used functions in your DAW applications, including transport, mute/solo and locate keys, unlimited banks of eight faders, an EQ module

that supports control of up to four bands of fully parametric EQ (if implemented by your DAW software), plus four virtual aux sends and a panpot. The US-428 also provides control of many virtual plug-in synthesizers. ■

US-224

The US-224 is an even more affordable desktop solution for computer interfacing and control. Its small footprint and ultra-light design make it the perfect companion for computer recordists on the move. Since it's powered via USB, a US-224 and a laptop can constitute one of the most compact, powerful record-anywhere systems you can imagine. Inputs include two XLR mic preamps and two line level inputs plus S/PDIF digital.

Like the US-428, the US-224 offers faders, knobs and buttons to adjust the controls of your computer audio software. It provides unlimited banks of four faders, two channels of audio I/O in 16- or 24-bit quality, as well as 16 channels of MIDI I/O. It also includes Steinberg Cubasis VST software, making it the perfect all-in-one setup for anyone getting into the world of computer audio recording. ■



US-224



USB Interface and DAW Controller

- ▶ 16 MIDI channels (1 MIDI input and 1 MIDI output)
- ▶ 2 XLR mic inputs
- ▶ 2 1/4" unbalanced line inputs
- ▶ 2 aux send controllers
- ▶ S/PDIF digital I/O
- ▶ 4 faders support unlimited banks
- ▶ Transport, mute/solo, locate keys
- ▶ Mappable shortcut keys for popular DAW programs

US-122

USB Interface

- ▶ 16 MIDI channels (1 MIDI input and 1 MIDI output)
- ▶ 2 XLR mic inputs with phantom power
- ▶ 2 1/4" inserts
- ▶ 2 1/4" line/guitar level inputs
- ▶ RCA analog line outputs with level control
- ▶ Headphone output with level control
- ▶ Adjustable zero latency direct monitoring

US-122

Our smallest USB interface is a real powerhouse in disguise. Co-designed with Frontier Design Group, the US-122 features two XLR-based, phantom-powered mic inputs with inserts and two line-level inputs on balanced 1/4" TRS jacks, switchable to guitar level.

One of the only small computer interfaces with analog inserts, the US-122 lets you place hardware devices (compressors, etc.) into the recording signal chain. The US-122 also provides a dedicated control for adjustable zero-latency direct monitoring, providing a sonically pure reference point before entering DAW processing. Its two line-level outputs provide control for levels, and a dedicated headphone output is also included.

In addition to audio interfacing, the US-122 gives you 16 channels of MIDI I/O for use with synthesizers and other sound generating equipment. The MIDI

I/O is also handy for synchronization and automation with external devices.

The US-122 excels at computer compatibility. It includes drivers for ASIO, WDM, GSIF and Apple Core Audio (OS X)



software systems, so you can turn nearly any USB-equipped computer into a powerful audio recording system. Plus, the US-122 represents an excellent mobile recording solution since it's powered via USB... just plug in a couple of condenser mics and go! ■

Computer Recording Solutions

The FW-1884, US-428, US-224 & US-122 are co-developed with **FRONTIER DESIGN GROUP**



For complete specifications, visit www.tascam.com

	FW-1884	US-428	US-224	US-122
Frequency Response (20Hz-20kHz)	+0.5 dB / -0.1 dB	+0.5 dB / -0.3 dB	+0.5 dB / -0.3 dB	+0.5 dB / -0.3 dB
Signal Processing Delay	less than 1.5 ms	less than 2 ms	less than 2 ms	less than 2 ms
Total Harmonic Distortion	Less than 0.005%	Within 0.07%	Better than 0.01%	Better than 0.01%
Crosstalk (@ 1kHz)	Better than -80 dB	Better than -80 dB	Better than -85 dB	Better than -85 dB
Gain attenuation (@ 1kHz)	Better than -90 dB	Better than -90 dB	Better than -90 dB	Better than -90 dB
D/A Converter	24-bit / 64x oversampling	24-bit / 128x oversampling	24-bit / 64x oversampling	24-bit / 64x oversampling
A/D Converter	24-bit / 64x oversampling	24-bit / 64x oversampling	24-bit / 64x oversampling	24-bit / 64x oversampling
Computer Interface	FireWire™ 400 x 2	USB 1.0 x 1	USB 1.0 x 1	USB 1.0 x 1
XLR inputs	8 mic with phantom power	2 mic/line	2 mic/line	2 mic/line w/phantom power
1/4" TRS Inputs / Outputs	8 inputs / 8 outputs	2 bal. / 2 unbalanced inputs	2 unbalanced inputs	2 bal. / unbalanced inputs
Inserts	8 1/4" TRS	•	•	2 1/4" TRS
MIDI In / Out	4 / 4	2 / 2	1 / 1	1 / 1
S/PDIF Digital In	S/PDIF RCA	S/PDIF RCA	S/PDIF RCA	•
Analog Output	8 1/4" TRS	Stereo RCA	Stereo RCA	Stereo RCA
Headphone Output	1/4" TRS	1/4" TRS	1/4" TRS	1/4" TRS
Bundled Software	GigaStudio 24*	Cubasis VST / GigaStudio 24*	Cubasis VST / GigaStudio 24*	Cubasis VST / GigaStudio 24*
Dimensions (W x H x D)	22.9" x 5.4" x 18.8"	14" x 3.25" x 11.5"	12" x 2.4" x 8.3"	5.9" x 2.4" x 7.7"
Weight	22.7 lbs (10.3 kg)	4.5 lbs (2.05 kg)	1.9 lbs (0.85 kg)	2 lbs (0.925 kg)

*TASCAM GigaStudio 24, world's most powerful sampling program. Windows® only. All specifications measured at standard 44.1/48kHz sampling frequencies. All specifications are subject to change without notice. Visit www.tascam.com for the most up-to-date information. All trademarks are property of their respective holders. © Copyright 2003 TASCAM. All Rights Reserved. #85841

www.tascam.com • TASCAM®
7733 Telegraph Road • Montebello • CA • 90640 • ph. 323.726.0303



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