



**US-122L:** Two analogue audio channels

**US-144:** Two analogue plus two digital audio channels



**US-122L**  
Rear panel



**US-144**  
Rear panel

**T**hese follow-ups to our mega popular US-122 deliver everything you'd want in a portable audio/MIDI interface: High quality microphone inputs with switchable phantom power, switchable instrument input, MIDI in and out, 96kHz/24-bit recording (better than CD quality), USB power supply – all the stuff you'd want without the fluff you wouldn't.

Record two or four tracks at a time and monitor them with zero latency. Whether you have a PC or a Mac, with the **US-122L** or the **US-144** your song ideas go down in real time and really easy.

- ▶ Sampling rate up to 96kHz at 24-bit resolution for high quality recordings
- ▶ Two mic/line inputs (XLR/jack), two line outputs (RCA)
- ▶ **US-144:** Additional SPDIF digital I/O for a total of four recording/playback channels
- ▶ Switchable phantom power for XLR inputs
- ▶ One analogue line input (switchable to guitar)
- ▶ One MIDI input, one MIDI output
- ▶ USB 2.0 equipped (also supports USB 1.1)
- ▶ Zero-latency hardware monitoring
- ▶ Separate controls for output level and headphone volume (US-122: one common control)
- ▶ USB bus powered for use with any PC or Mac, including notebooks
- ▶ Cubase LE and GigaStudio 3LE included

# US-122L • US-144

## Audio/MIDI Interfaces

### Specifications

Audio performance (US-122L and US-144)	
A/D Conversion (AK5381)	24-bit/96 kHz, 27.6 samples delay
D/A Conversion (AK4384)	24-bit/96 kHz, 19.3 samples delay
Frequency response (LINE OUT, -10 dBV)	20 Hz – 20 kHz, $\pm 1$ dB (normal sampling rate up to 48 kHz) 20 Hz – 40 kHz, +1/-3 dB (high sampling rate up to 96 kHz)
Signal-to-noise ratio, LINE IN to LINE OUT (INPUT = min, input impedance 40 Ohm)	
Through ADC and DAC	>96 dB(A)
Through direct monitor	>100 dB(A)
Total harmonic distortion (THD+N, 22 Hz to 22 kHz), LINE IN to LINE OUT	
Through ADC and DAC	< 0.006% (1 kHz sine, +20 dBu input, INPUT = min.)
Through direct monitor	< 0.004% (1 kHz sine, +20 dBu input, INPUT = min.)

Analogue inputs and outputs (US-122L and US-144)	
Mic inputs (MIC IN L and R)	XLR, balanced
Input impedance	2.4 kOhm
Nominal input level	-58 dBu (TRIM=max) to -14 dBu (TRIM=min)
Maximum input level	+2 dBu (TRIM=min)
Line inputs (LINE IN L and LINE/GUITAR IN R, MIC/LINE position)	6,3-mm jack, unbalanced
Input impedance	10 kOhm
Nominal input level	-40 dBu (TRIM=max) to +4 dBu (TRIM=min)
Maximum input level	+20 dBu (TRIM=min)
Guitar input (LINE/GUITAR IN R, GUITAR position)	6,3-mm jack, unbalanced
Input impedance	1 MOhm
Nominal input level	-51 dBu (TRIM=max) to -7 dBu (TRIM=min)
Maximum input level	+9 dBu (TRIM=min)
Line output (LINE OUT)	RCA, unbalanced
Output impedance	100 Ohm
Nominal output level	-10 dBV
Maximum output level	+6 dBV
Phones output (PHONES)	6.3-mm stereo jack
Maximum output power	14 mW + 14 mW (32 Ohm)

Digital input and output (US-144 only)	
Digital input (DIGITAL IN)	RCA (Coaxial)
Nominal level	0.5 Vpp (75 Ohm)
Format	IEC 64958 (SPDIF)
Digital output (DIGITAL OUT)	RCA (coaxial)
Nominal level	0.5 Vpp (75 Ohm)
Format	IEC 64958 (SPDIF) or AES3-1992 (AES/EBU)

Other connectors	
MIDI IN and MIDI OUT	5-pin DIN connector (conform to MIDI specification)
USB port	USB down stream connector
Format	USB 2.0

Host computer compatibility	
Operating system	Windows XP, Mac OS 10.3.9 or later
Communication	USB 2.0 (USB 1.1 with reduced performance)
Audio/MIDI interface protocols	Windows: ASIO, ASIO2, GSIF2, WDM Macintosh: CoreAudio, CoreMIDI (OS X)

Other specifications	
Power supply	5 V, maximum current 500 mA (from USB)
Dimensions (H x W x D)	192 mm x 147 mm x 48 mm
Weight	1 kg
Bundled software	Cubase LE (for Windows or Macintosh), GigaStudio 3 LE (Windows only)

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