TASCAM®

TEAC PROFESSIONAL

US-125M

USB Mixing Audio Interface

The US-125M is a USB audio interface with mixer functionality that combines a mic, instrument and line source with a computer audio signal and feeds the mix to your computer via USB. It provides sample rates of up to 48 kHz at 16-bit audio resolution and is ideal for broadcasting (live streaming) over the internet.

The US-125M features four inputs with dedicated level controls: a microphone input (balanced XLR/TRS on rear or unbalanced mini jack on front) with switchable limiter and signal/overload indicator, a guitar input (standard phone jack), a stereo line input (RCA) and a stereo audio input from computer via USB. This USB-powered device is housed in a solid aluminum case, and can also be used as a simple stand-alone mixer.

Main Features

- **USB audio interface with mixer functionality**
- **Combines a mic, instrument and line source with a computer audio signal and feeds the mix to your computer via USB**
- **Ideal for broadcasting (live streaming) over the internet**
- **Four inputs with dedicated level controls:**
  - Microphone input (balanced XLR/TRS on rear or unbalanced mini jack on front) with switchable limiter and Signal/Overload indicator
  - Guitar input (standard phone jack)
  - Stereo line input (RCA)
  - Stereo audio input from computer via USB

- **Stereo audio output to computer via USB or directly to RCA output jacks**
- **Monitor output (RCA) and headphones output (mini-jack) with level control**
- **Zero-latency hardware monitoring**
- **Can be used as a simple stand-alone mixer**
- **Operates using standard Windows (WDM) and Mac OS X (CoreAudio) audio drivers**
- **Audio resolution up to 16 bit/48 kHz**
- **USB 2.0 equipped (also supports USB 1.1)**
- **USB-powered, no AC adapter required**
- **Solid aluminum case**

Specifications

AD/DA converter	
Sampling frequency	32/44.1/48 kHz
Quantization bit rate	24-bit

Analogue audio inputs and outputs	
Mic input, XLR (balanced)	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Input impedance	2.2 kOhm or higher
Nominal input level	−64 dBu to −44 dBu
Maximum input level	−28 dBu
Mic input, TRS jack (balanced)	6.3-mm TRS jack (Tip: HOT, Ring: COLD, Sleeve: GND)
Input impedance	2.2 kOhm or higher
Nominal input level	−64 dBu to −44 dBu
Maximum input level	−28 dBu
Mic input, mini-jack (unbalanced, provides plug-in power)	3.5-mm mini-jack
Input impedance	2.2 kOhm or higher
Nominal input level	−64 dBu to −44 dBu
Maximum input level	−28 dBu
Instrument input (unbalanced)	TS jack (Tip: HOT, Sleeve: GND)
Input impedance	1 MOhm

Maximum input level	+6 dBV
Stereo line input (unbalanced)	RCA pin jacks
Nominal input level	−15 dBV
Maximum input level	+21 dBV
Stereo line output (unbalanced)	RCA pin jacks
Output impedance	200 Ohm
Maximum output level	+3 dBV
Headphones output	3.5-mm stereo mini-jack
Maximum output power	15 mW + 15 mW or higher (32 Ohm load, THD 0.1% or less)

Digital input and output

USB port	USB B-type 4-pin
Formats	USB 2.0 HIGH SPEED (480 MHz)
	USB 2.0 FULL SPEED (12 MHz USB 1.1 equivalent)

Audio performance

Frequency response	20 Hz–20 kHz, ±2 dB (MIC IN to LINE OUT, JEITA)
Total harmonic distortion	0.1% or less
	(when direct monitoring, 1 kHz, MIC IN to LINE OUT, MIC IN knob set at −20 dB below maximum, OUTPUT knob set at −10 dB below maximum, JEITA)
Noise level, XLR	−75 dBV or less
	(when direct monitoring, 1 kHz, MIC IN to LINE OUT, MIC IN knob set at −20 dB below maximum, OUTPUT knob set at −10 dB below maximum, JEITA)

Computer requirements

Supported operating systems	Windows XP 32-bit/64-bit
	Windows Vista 32-bit/64-bit
	Windows 7 32-bit/64-bit
	Windows 8 compatibility approved
	Mac OS X 10.3.9 or later
	Mac OS 10.8 compatibility approved
Drivers	WDM (Windows standard driver)
	Core Audio (Mac standard driver)

Power supply and other specifications

Power supply	By USB from a computer
	Using a TASCAM PS-P515U AC adaptor (sold separately)
Power consumption	1 W
Dimensions (W x H x D)	150 mm x 42 mm x 122 mm
Weight	0.5 kg
Operating temperature range	5–35 ℃

Design and specifications subject to change without notice.

Last modified: 2014-12-04 09:41:02 UTC