


USB Audio/MIDI Interface US-122



US-122 is a 24-bit processing USB audio / MIDI interface, offering fantastic sound quality and a good variety of connectors such as MIDI in/out, phantom-powered mic inputs, left and right inputs for stereo channels or two individual inputs. There are also two insert connectors on the front panel and two analogue outputs on the rear panel. Plus, the input source selector allows you to plug in a guitar or bass directly. USB connection not only transmits data but also supplies power, so you can build a mobile recording system using your laptop computer.

Since both audio data and MIDI data can be processed at the same time, you can send them to your

USB 



Main features

24-bit AD/DA resolution
 2 channel audio inputs with volume controls, switchable between MIC (balanced XLR) and LINE/GUITAR (balanced TRS)
 2 RCA unbalanced LINE outputs with volume controls
 2 TRS Inserts
 1 MIDI IN and 1 MIDI OUT

Power supply via USB – no AC adapter or batteries required
 Phantom power (48V) for microphones switchable on/off
 Direct Monitoring function with dedicated level control, On/Off switch and Mono switch
 Headphone output with volume control

ASIO and MME compatibility for Windows 98SE / ME / 2000 / XP
 ASIO, Sound Manager and Core sound compatibility for Mac OS V8.6 / 9 / X
 Special version of Steinberg Cubasis VST bundled
 USB cable included

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PC or Mac via its USB port and playback or record them simultaneously. That is, there is no need to spend time and effort in installing I/O cards. Also, a special version of Steinberg Cubasis VST is included as package software. Incorporating user-friendly features like several LED indicators and mode selectors into its novel and compact design, the US-122 is an affordable and straightforward solution for computer audio interfacing that requires portability and high quality.



SPECIFICATIONS

A/D converter..... 24 Bit (Group delay; 17 samples)
 D/A converter..... 24 Bit (Group delay; 15.4 samples)
 Sampling Frequency 44.1kHz, 48kHz

ANALOGUE INPUTS AND OUTPUTS

MIC IN (to INSERT OUT) XLR-3-31 x 2
 Nominal input level -54dBu to -16dBu
 Frequency response 20Hz - 20kHz, <+1.0dB/-1.5dB
 Signal to Noise ratio >100dBA
 T.H.D <0.007% (1kHz)

LINE IN (to INSERT OUT) 6.3-mm TRS jack
 Nominal input level -34dBu to +4dBu
 Frequency response 20Hz - 20kHz, <+1.0dB/-1.5dB
 Signal to Noise ratio >100dBA
 T.H.D <0.007%

GUITAR IN (to INSERT OUT) 6.3-mm TRS jack
 Nominal input level -42.2dBV to -4.22dBV
 Frequency response 20Hz - 20kHz, <+1.0dB/-3.0dB
 Signal to Noise ratio >98dBA
 T.H.D <0.05% (1kHz)

LINE IN -> ADC -> DAC -> LINE OUT
 Frequency response 20Hz - 20kHz, <+1.5dB/-1.5dB
 Signal to Noise ratio >93dBA
 T.H.D <0.009%
 Cross talk attenuation >83dB

LINE IN -> Direct Monitor -> LINE OUT
 Frequency response 20Hz - 20kHz, <+1.5dB/-1.5dB
 Signal to Noise ratio >97dBA
 T.H.D <0.009%
 Cross talk attenuation >70dB

INSERT I/O L, R 6.3-mm TRS jack
 Nominal input level -10dBV
 Nominal output level -10dBV

LINE OUTPUT RCA pin jack
 Nominal output level -10dBV
 Maximum output level +6dBV
PHONES OUTPUT 6.3-mm TRS jack
 Maximum output power 20mW + 20mW (40 ohm)

OTHER CONNECTORS

MIDI IN/OUT 5-pin DIN, according to MIDI standard
USB USB Down stream connector
 Format USB Ver1.1
 Transmission rate Up to 12Mbps

POWER SUPPLY AND OTHER SPECIFICATIONS

Power requirement USB Vbus (5V)
 Power consumption 2.5W
 Dimension (W x H x D) 145 x 62 x 98 mm
 Weight 0.925 kg



SYSTEM REQUIREMENTS

Windows 98SE / ME / 2000 / XP
 CPU Pentium 300MHz or higher
 Memory 128MB
 Interface protocol ASIO, MME
 Connector USB port
 Macintosh Mac OS 8.6 or higher
 CPU Power Mac, iMac, G3, G4 / 266MHz or higher
 Memory 64MB
 Interface protocol ASIO, Sound Manager, Core Audio (OS X),
 OMS, Free MIDI
 Connector USB port
 Compatible applications Bundled Cubasis VST (doesn't support
 OS X), Cubasis VST, Cubase VST/SX,
 Digital Performer, Logic, Sonar
 and any other application supporting ASIO driver

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