

TASCAM US-16X8 Computer-Tablet Audio Interface

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US-16X08 SPECIFICATIONS

Sampling frequency	44.1k/48k/88.2k/96kHz
Quantization bit rate	16/24bit
Analog audio inputs	
MIC IN (IN 1-8)	
Connector	XLR-3-31(1:GND, 2:HOT, 3:COLD), BALANCED
Input impedance	2.4k ohms
Nominal input level	
GAIN:MAX	-68dBu (0.0003Vrms)
GAIN:MIN	-12dBu (0.195Vrms)
Maximum input level	+8dBu (1.947Vrms)
Gain	56dB

INST IN (IN

9-10)

Connector 6.3mm(1/4") TS-jack(T:HOT, S:GND), UNBALANCED
(When set to "INST" at LINE/INST switch)

Input impedance 1M ohms or more

Nominal input
level

GAIN:MAX -57dBV (0.0014Vrms)

GAIN:MIN -12dBV (0.251Vrms)

Maximum input
level +8dBV (0.2512Vrms)

Gain 45dB

LINE IN (IN

9-10)

Connector 6.3mm(1/4") TRS-jack(T:HOT, R:COLD, S:GND), BALANCED
(When set to "LINE" at LINE/INST switch)

Input impedance 10k ohms

Nominal input
level

GAIN:MAX -41dBu (0.0069Vrms)

GAIN:MIN +4dBu (1.228Vrms)

Maximum input
level +24dBu (12.182Vrms)

Gain 45dB

LINE IN (IN

11-16)

Connector 6.3mm(1/4") TS-jack(T:HOT, S:GND), UNBALANCED
(When set to "-10dBV" at LEVEL switch)

Input impedance 10k ohms or more

Nominal input
level

-10dBV (0.3162Vrms)

Maximum input
level +10dBV (3.162Vrms)

LINE IN (IN

11-16)

Connector 6.3mm(1/4") TRS-jack(T:HOT, R:COLD, S:GND), BALANCED
(When set to "+4dBu" at LEVEL switch)

Input impedance 10k ohms

Nominal input
level

+4dBu (1.228Vrms)

Maximum input
level +24dBu (12.182Vrms)

Analog audio

outputs

LINE OUT (LINE

OUT 1-8)

Connector 6.3mm(1/4") TRS-jack(T:HOT, R:COLD, S:GND), BALANCED

Output impedance 100ohms

Nominal output
level

+4dBu (1.228Vrms)

Maximum output
level +24dBu (12.177Vrms)

PHONES

Connector

6.3mm(1/4") stereo phone jack

Maximum output

level 70mW+70mW or more (THD+N 0.1% or less, 32ohms loaded)

MIDI IN / OUT	
Connector	Din 5-pin
Format	Standard MIDI format
USB	
Connector	USB B type 4-pin
Format	USB2.0 HIGH SPEED mass storage class
Power	Dedicated AC adapter (GPE248-120200-Z, included)
Power consumption	12W
Dimensions	52" W x2.32" H x8.62" D inch 445mm W x59mm H x219mm D
Weight	2.8kg / 6.11lb
Operating temperature	5 to 35°C
Accessories	Rack mount adapter, USB cable, User's manual, warranty card, dedicated AC adapter (GPE248-120200-Z)

Audio performance

Frequency response

LINE OUT(BALANCED)

44.1k/48k Hz 20Hz to 20kHz, +/-0.3dB(JEITA)

88.2k/96k Hz 20Hz to 40kHz, +/-0.3dB(JEITA)

THD 0.008% or less

S/N ratio 100dB or more

Crosstalk 100dB or more

EIN -125dBu or less

Computer system requirements

Windows

OS Windows 7(32-bit SP1, 64-bit SP1), Windows 8.0(32-bit, 64-bit), 64-bit)
* For further information of the latest OS version, please click

Compatible computers Windows-compatible computer with a USB 2.0 port

CPU type/speed Dual core/2 GHz or faster

Memory 2GB or more

DRIVER ASIO2.0, WDM(MME)

Macintosh

OS OS X Mountain Lion(10.8), OS X Mavericks(10.9)

* For further information of the latest OS version, please click

Compatible computers Apple Macintosh computer with a USB 2.0 port

CPU type/speed Dual core/2 GHz or faster

Memory 2GB or more

DRIVER Core Audio, Core MIDI

iOS

OS iOS 7

* For more information about the OS compatibility on each models

UPC 043774031177

Price: \$399.99

SKU: 6973

Categories: [Audio Interfaces](#), [Recording Equipment](#)

Tags: [Computer Interface](#)

Product Short Description :

16-input Audio Interface for Mac, Windows and iPad. Great for when you want to record the whole band together to capture that live synergy!

The TASCAM US-16×08 captures 16 mic and line inputs to your computer with clear sound quality and advanced features to manage big sessions. Eight Ultra-HDDA microphone preamps deliver the cleanest and quietest operation in their class while delivering up to 56dB of gain. An additional eight line inputs are provided, two of them switchable to instrument level for direct guitar or bass recording. Eight balanced line outputs are also available, two with a level control on the front panel for monitoring.

Built into the US-16×08 is a DSP Mixer for low-latency digital mixing. Each channel has four-band EQ and compression for polished-sounding monitor mixes. In addition to interface mode, the US-16×08 can be used stand alone as a standalone mic preamp. Mac and Windows drivers are provided, as well as USB Class Compliant 2.0 drivers for tablets like Apple's iPad. MIDI input and output are also available on the rear panel.

Whether using the ergonomically-designed angled desktop stand or mounting with the included rack ears, the US-16×08 includes analog I/O for almost any music recording application.

Product Gallery:



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