

TASCAM US-16X8 Computer-Tablet Audio Interface



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

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