

# 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
<b>LINE IN</b> (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
<b>LINE IN</b> (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)
<b>LINE IN</b> (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	
<b>LINE OUT</b> (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)
<b>PHONES</b>	
Connector	6.3mm(1/4") stereo phone jack
Maximum output level	70mW+70mW or more (THD+N 0.1% or less, 32ohms loaded)
<b>MIDI IN / OUT</b>	
Connector	Din 5-pin
Format	Standard MIDI format
<b>USB</b>	
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 ASI02.0, 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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