

# 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	
<b>MIC IN</b> (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
<b>INST IN</b> (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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