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# 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<br>(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<br>(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<br>(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 ×2.32″ H ×8.62″ D inch<br>445mm W ×59mm H ×219mm 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<br>64-bit)<br>* For further information of the latest |
| Compatible computers | Windows-compatible computer |
| CPU type/speed | Dual core/2 GHz o |
| Memory | 2GB or mor |
| DRIVER | ASIO2.0, WDM( |
| | **Macintosh** |

| | |
|---|---|
| OS | OS X Mountain Lion(10.8), OS<br>* For further information of the latest |
| Compatible computers | Apple Macintosh computer wi |
| CPU type/speed | Dual core/2 GHz o |
| Memory | 2GB or mor |
| DRIVER | Core Audio, Cor |
| **iOS** | |
| OS | iOS 7<br>* For more information about the OS compatibili |

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:**

## Customer Service Is Our Top Priority!