

US-1200

USB Audio Interface (6 in, 2 out)



Main Features

- **USB audio interface with 6 inputs and 2 outputs**
- **All inputs and outputs can be used simultaneously**
- **Four XLR balanced microphone inputs with switchable phantom power (48 Volt), level controls and level indicators on front panel**
 - Tascam HDDA microphone preamplifiers (High Definition Discrete Architecture means a differential preamplifier circuit based on selected transistors and other selected electronic components offering high S/N ratio, low input-referred noise and low distortion)
 - Switchable phantom power (48 volt) for condenser microphones
- **Two guitar/line inputs with level controls and level indicators on front panel (TRS connectors, balanced when set to line)**
- **Two balanced line outputs on rear panel (TRS connectors)**
- **Stereo headphones output with level control (2 x 50 mW)**
- **Up to 96 kHz sampling rate at 24-bit resolution**
- **On-board digital mixer, selectable between "Multi Track" and "Stereo Mix" modes:**
 - Multi Track mode for DAW recording and composing: Create a monitor mix independent of the actual recording levels
 - Stereo Mix mode for internet broadcasting and video editing: Create a stereo mix of six different sources plus loop-back signal from the computer
- **Mixer panel for intuitive mixing and effects handling on the computer screen**
- **On-board effects (44.1/48 kHz only):**
 - Insert effects (Compressor, Noise suppressor, De-esser, Exciter, 3-band EQ) can be used on input channels
 - Reverb send effect can be used on any mixer channel or the master channel
- **Low-latency monitoring**
- **Monitor mix control for adjusting the level balance between signals from external devices and signals from the computer**
- **Supports ASIO, WDM and Core Audio drivers**
- **USB 2.0 interface**
- **Compatible with Windows XP, Windows 7, Windows 8 and Mac OS X**
- **AC adapter included**
- **Sonar X3 LE (Windows only) and Ableton Live Lite (Mac/PC) included**
- **1-U rackmount chassis**

Specifications

Audio resolution	
Sampling frequencies	44.1, 48, 88.2, 96 kHz
Quantization bit depth	16/24-bit

Analogue audio inputs and outputs	
Mic inputs (MIC IN 1-4)	Balanced, XLR-3-31 equivalent
Input impedance	2.2 kΩ
Rated input level (gain knob at MAX)	-68 dBu (0.0003 Vrms)
Rated input level (gain knob at MIN)	-22 dBu (0.0616 Vrms)
Maximum input level	-6 dBu (0.3884 Vrms)
Headroom	16 dB
Guitar inputs (GUITAR 5-6)	Unbalanced, 6.3-mm standard TS jacks
When GUITAR/LINE IN switch set to GUITAR	Input impedance
800 kΩ	Rated input level (gain knob at MAX)

-51 dBV (0.0028 Vrms)	Rated input level (gain knob at MIN)
-6 dBV (1.995 Vrms)	Maximum input level
+10 dBV (3.162 Vrms)	Headroom
16 dB	Line inputs (LINE IN 5-6)
Balanced, 6.3-mm standard TRS jacks	When GUITAR/LINE IN switch set to LINE IN ()
Input impedance	10 k Ω
Rated input level (gain knob at MAX)	-41 dBu (0.0069 Vrms)
Rated input level (gain knob at MIN)	+4 dBu (1.228 Vrms)
Maximum input level	+20 dBu (7.75 Vrms)
Headroom	16 dB
Monitor outputs (OUTPUT (BALANCED) L/R)	6.3-mm standard TRS jacks
Output impedance	100 Ω
Rated output level	+4 dBu (1.273 Vrms)
Maximum output level	+24 dBu (12.283 Vrms)
Headphones output (PHONES)	6.3-mm standard stereo jack
Maximum output power	50 mW + 50 mW or higher (THD+N 1% or less, into 32 Ω load)

Control input/output

USB	4-pin USB B-type
Transfer rate	USB 2.0 High Speed (480 Mbps)

Audio performance

Frequency response	20 Hz - 20 kHz \pm 1 dB (44.1/48 kHz, JEITA) 20 Hz - 40 kHz \pm 2 dB (88.2/96 kHz, JEITA)
S/N ratio	95 dB or higher (gain knob at MIN, JEITA)
Distortion	0.01% or less (1 kHz sine wave, at maximum input, JEITA)
Crosstalk	90 dB or more (1 kHz)

Computer system requirements

Supported operating systems, Windows	Windows 8 (including 8.1) 32-bit Windows 8 (including 8.1) 64-bit Windows 7 32-bit SP1 or later Windows 7 64-bit SP1 or later Windows XP 32-bit SP3 or later (Windows Vista 32-bit/64-bit and Windows XP 64-bit are not supported)
Computer hardware requirements, Windows	Windows computer with a USB 2.0 port CPU/processor speed: 2 GHz or faster dual core processor (x86) Memory: 2 GB or more
Supported operating systems, Mac OS X	Mavericks (10.9.1 or later) Mountain Lion (10.8.4 or later) Lion (10.7.5 or later) Snow Leopard (10.6.8 or later)
Computer hardware requirements, Mac OS X	Apple Mac computer with a USB 2.0 port CPU/processor speed: 2 GHz or faster dual core processor Memory: 2 GB or more
Supported audio drivers	ASIO 2.0, WDM (MME), Core Audio

Power supply and other specifications

Power	Specialized AC adapter (GPE248-120200-Z)
Power consumption	5.5 W
External dimensions (W \times H \times D)	483 mm \times 45 mm \times 300 mm
Weight	2.9 kg
Operating temperature range	5-35 $^{\circ}$ C
Bundled software	SONAR LE (for Windows only), Ableton Live Lite

Design and specifications subject to change without notice.

Last modified: 2015-02-12 12:33:14 UTC