

TASCAM US-1800 Computer Audio Interface



US-1800 SPECIFICATIONS

Supported
sampling frequency 44.1/48/88.2/96kHz

Supported bit rate 16/24bit

Analog audio
Inputs

MIC IN(1-8) XLR-3-31(1:GND, 2:HOT, 3:COLD), BALANCED

Input impedance 2.2k ohms

Nominal input level -2dBu

Minimum input level -58dBu

Maximum input level +14dBu

**GUITAR / LINE
IN(9-10)**

GUITAR IN 6.3mm(1/4") TS-jack(T:HOT, S:GND), UNBALANCED

Input impedance 700k ohms

Nominal input level	-6dBV
Minimum input level	-52dBV
Maximum input level	+10dBV
LINE IN	6.3mm(1/4") TRS-jack(T:HOT, R:COLD, S:GND), BALANCED
Input impedance	10k ohms
Nominal input level	+4dBu
Minimum input level	-42dBu
Maximum input level	+20dBu
LINE IN(11-14)	6.3mm(1/4") TRS-jack(T:HOT, R:COLD, S:GND), BALANCED
Input impedance	10k ohms
Nominal input level	-10dBV/+4dBu
Maximum input level	+6dBV/+20dBu
Analog audio Outputs	
LINE OUT(1-4)	6.3mm(1/4") TRS-jack(T:HOT, R:COLD, S:GND), BALANCED
Output impedance	100ohms
Nominal output level	+4dBu
Maximum output level	+24dBu
MONITOR OUT(L/R)	6.3mm(1/4") TRS-jack(T:HOT, R:COLD, S:GND), BALANCED
Output impedance	100ohms
Nominal output level	+4dBu
Maximum output level	+24dBu
Digital audio Inputs	
COAXIAL	RCA pin-jack
Format	IEC60958-3(S/PDIF)
Input impedance	75ohms
Level	0.5Vp-p / 75ohms
Digital audio Outputs	
COAXIAL	RCA pin-jack
Format	IEC60958 Consumer(S/PDIF) and IEC958 Professional(AES/EBU) *Selectable in the Control Panel betwiin
Output impedance	75ohms
Level	0.5Vp-p / 75ohms
PHONES	
Connector	6.3mm(1/4") stereo phone jack
Maximum output level	50mW + 50mW(1kHz, 1%, 32ohms load)
MIDI Input	
Connector	DIN 5 pin
Format	Standard MIDI format
MIDI Output	
Connector	DIN 5 pin

Format	Standard MIDI format
USB	
Connector	USB B type 4pin
Format	USB2.0HIGH SPEED(480 MHz)
Power	AC100 – 240V, 50/60Hz(TASCAM PS-1225L, included)
Power consumption	7.2W
Dimensions	482.6(W)×44(H)×300.4(D)mm
Weight	3.1kg
Operating temperature	5-35°C
Bundle software	Cubase LE
Accessories	AC adaptor(TASCAM PS-1225L), Power cord set for AC adaptor, CD-ROM (containing driver), USB cable (1.5m), DVD-ROM (Cubase LE), Cubase LE quick start guide , Warranty card, Owner's manual, Rack-mounting screw kit

Audio performance

Frequency response	20Hz to 20kHz, +/-1dB(44.1/48kHz, MIC IN – LINE OUT, GAIN knob set minimum, JEITA) 20Hz to 40kHz, +1/-3dB(88.2/96kHz, MIC IN – LINE OUT, GAIN knob set minimum, JEITA)
S/N ratio	96dB or more(44.1kHz, MIC IN – LINE OUT, GAIN knob set to minimum, THD
THD	0.01% or less(MIC IN – LINE OUT, GAIN knob set to minimum, JEITA)

Operating system requirements

Windows

OS	Windows XP:32bit SP3 or more, 64bit SP2 or more Windows Vista:32bit SP2 or more, 64bit SP2 or more Windows 7:32bit, 64bit Windows 8:32bit, 64bit
CPU	Pentium 4 1.4GHz or more, ADM Athlon 1.4GHz or more
MEMORY	1GB or more
USB	USB2.0
DRIVER	ASIO, WDM

Macintosh

OS	Mac OS X Leopard(10.5.6), Mac OS X Snow Leopard(10.6.8), OS X Lion
CPU	Intel Processor 1GHz or more, Power PC G4 1GHz or more
MEMORY	1GB or more
USB	USB2.0
DRIVER	Core Audio