

## Spec description

Sampling frequency	44.1k/48k/88.2k/96k/176.4k/192k Hz
Quantization bit rate	24bit
Analog audio inputs	
MIC IN	IN 1 / IN 2, IN 3 / IN 4
Connector	XLR-3-31(1:GND, 2:HOT, 3:COLD), BALANCED
Input impedance	2.2k ohms
Maximum input level (GAIN:MIN)	+9dBu (2.183Vrms)
Gain	56dB
INST IN	IN 1 / IN 2
Connector	6.3mm(1/4")TS-jack(T:HOT, S:GND), UNBALANCED (When set to "INST" at MIC/LINE INST switch)
Input impedance	1M ohms or more
Maximum input level (GAIN:MIN)	+10dBV(3.162Vrms)
Gain	56dB
LINE IN	IN 1 / IN 2, IN 3 / IN 4
Connector	6.3mm(1/4")TRS-jack(T:HOT, R:COLD, S:GND), BALANCED (When set to "MIC/LINE" at MIC/LINE INST switch)
Input impedance	10k ohms
Maximum input level (GAIN:MIN)	+20dBu(7.746Vrms)
Gain	56dB
Analog audio outputs	
LINE OUT	1-2, 3-4
Connector	6.3mm(1/4")TRS-jack(T:HOT, R:COLD, S:GND), BALANCED
Output impedance	210 ohms
Nominal output level	+4dBu (1.228Vrms)
Maximum output level	+20dBu (7.746Vrms)
PHONES	
Connector	6.3mm(1/4") stereo phone jack

Maximum output level	45mW+45mW or more (THD+N 0.1% or less, 32ohms loaded)
MIDI IN /OUT	
Connector	Din 5-pin
Format	Standard MIDI format
USB	
Connector	USB Type-C
Format	USB2.0 HIGH SPEED (480Mbps)
Power	
When connected PC	USB bus powered AC Adapter (TASCAM PS-P1220E, included)
When connected iOS/iPadOS	AC Adapter (TASCAM PS-P1220E, included)
Power consumption	2.25W
Dimensions	296(W) × 65(H) × 160(D)mm (including protrusions)
Weight	3.53lb (1.6kg)
Operating temperature	5 to 35° C
Accessories	AC adapter(TASCAM PS-P1220E), USB cable (Type-A to Type-C), Set of DAW software installation guides, Set of DAW plug-in software installation guides, Owner's Manual (including warranty)


## Audio performance

Mic amp EIN (equivalent input noise)	-128dBu or lower
Frequency response	
MIC / LINE IN	
44.1k/48k Hz	20Hz to 20kHz, +0dB/-0.4dB(JEITA)
88.2k/96k Hz	20Hz to 40kHz, +0dB/-0.4dB(JEITA)
LINE OUT	
44.1k/48k Hz	20Hz to 40kHz, +0.2dB/-0.1dB(JEITA)
88.2k/96k Hz	20Hz to 40kHz, +0.2dB/-0.4dB(JEITA)
THD + N	0.0013% (MIC IN, 1kHz sine wave, -5dBFS input, GAIN knob at minimum, 20kHz SPCL LPF)
	0.0011% (LINE IN, 1kHz sine wave, -5dBFS input, GAIN knob at minimum, 20kHz SPCL LPF)
	0.0012% (LINE OUT, 1kHz sine wave, -4dBFS input, MONITOR knob at maximum, 20kHz SPCL LPF)

S/N ratio	110dB (MIC IN, GAIN knob at minimum, 20kHz SPCL LPF+A-Weight)
	108dB (LINE IN, GAIN knob at minimum, 20kHz SPCL LPF+A-Weight))
	110dB (LINE OUT, MONITOR knob at maximum, 20kHz SPCL LPF+A-Weight)
Crosstalk	95dB or more (MIC/LINE IN to LINE OUT, 1kHz sine wave, GAIN knob at minimum)

## Computer system requirements

### Windows

Compatible computers	Windows computer with a USB 2.0 (or higher) port
CPU type/speed	2GHz or faster dual core processor (x86)
Memory	2GB or more
Driver	 ASIO2.0, WDM, MIDI

### Mac

Compatible computers	Mac with a USB 2.0 (or higher) port
CPU type/speed	2GHz or faster dual core processor
Memory	2GB or more
Driver	Core Audio, Core MIDI

### iOS/iPadOS device

Driver	Core Audio
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\* To connect an iOS device that has a Lightning connector, a genuine Apple Lightning to USB Camera Adapter (sold separately) is necessary.