

Spec description

Audio input	
Mic input	
Connector	XLR-3-31 (1: GND, 2: HOT, 3: COLD) × 1
Input impedance	2.2k Ω
Nominal input level (PAD)	-56.5dBu (0.001Vrms) to -26.5dBu (0.037Vrms)
Nominal input level	-20.5dBu (0.073Vrms) to +9.5dBu (2.314Vrms)
Maximum input level	+9.5dBu (2.314Vrms)
Line input (Balanced)	
Connector	1/4" (6.3mm) TRS Phone jack (Tip: HOT, Ring: COLD, Sleeve: GND) × 1
Input impedance	10k Ω
Nominal input level	+8dBu (1.947Vrms) to +24dBu (12.283Vrms)
Maximum input level	+24dBu (12.283Vrms)
Line output	
Main (Balanced)	
Connector	1/4" (6.3mm) TRS Phone jack (Tip: HOT, Ring: COLD, Sleeve: GND) × 1
Output impedance	100 Ω
Nominal output level	+4dBu (1.228Vrms)
Maximum output level	+20dBu (7.75Vrms)
Double Track (Balanced)	
Connector	1/4" (6.3mm) TRS Phone jack (Tip: HOT, Ring: COLD, Sleeve: GND) × 1
Output impedance	100 Ω
Nominal output level	+4dBu (1.228Vrms)
Maximum output level	+20dBu (7.75Vrms)
Digital output	
Connector	RCA Pin jack × 1
Format	IEC60958-3 (S/PDIF)
Output impedance	75 Ω
Output level	0.5V _{p-p} /75 Ω
MIDI input	

Connector	DIN 5 pin × 1
Format	MIDI standard
MIDI output	
Connector	DIN 5 pin × 1
Format	MIDI standard
Remote I/O	
REMOTE	
Connector	1/4" (6.3mm) TS jack × 1 (for Foot switch)
RS-232C	
Connector	D-sub 9 pin × 1
PARALLEL	
Connector	D-sub 25 pin × 1
ETHERNET	
Connector	RJ-45 × 1
Compatible standard	100BASE-TX
Power	AC 100 – 240V, 50/60Hz (AC adapter TASCAM PS-1220E)
Power consumption	4W
Dimensions	19.0" × 1.73" × 5.0" / 482.6 × 44 × 128.1 mm
Weight	4.4 lbs. / 2.0 kg
Operating temperature range	41°F to 95°F / 5°C to 35°C
Included items	AC power code, RC-10 remote control unit, rack-mounting screw kit, security screw kit, Owner's manual (with warranty)

Audio performance

Frequency response	
Mic input	20Hz to 20kHz, ±0.5dB (Line output)
Line input	20Hz to 20kHz, ±0.5dB (Line output)
Distortion	
Line input	0.008% or less (Line output)
S/N ratio	

Mic input	98dB or more (Line output)
Line input	98dB or more (Line output)
Dynamic range	120dB or more (Line output)

Miscellaneous

Input analog trim	0dB to +3dB
Auto-Tune	Chromatic and 24 diatonic scales, all user customizable Return speed Pitch detection sensitivity
Mic modeler	
Source Mics	
Specific Mics	
SHURE	SM58, SM57, Beta 58a, KSM 32
audio-technica	3035, ATM31, ATM41a, 4050
Rode	NT1, NT2, NT3
DAC	M177, E200, E350
Generic Mics	Hand-held dynamic, Studio dynamic, Wireless, Small diaphragm condenser, Large diaphragm condenser
Model Mics	Hand-held dynamic, Studio dynamic, Small diaphragm condenser 1, Small diaphragm condenser 2, Small diaphragm condenser 3, Large diaphragm condenser 1, Large diaphragm condenser 2, Large diaphragm condenser 3, Drum mic - kick, Drum mic - snare, Drum mic - cymbal, Telephone
Tube saturation drive	0dB to 12dB
Compressor	
Threshold	-36dB to 0dB
Ratio	1.0:1 to 99:1
Attack	1ms to 200ms
Release	1ms to 200ms
Knee	Continuously various
Gate	
Threshold	-96dB to 0dB
Ratio	1:1.0 to 1:99
De-esser	
Threshold	-60dB to 0dB
Ratio	1.0:1 to 99:1

Attack	1ms to 200ms
Release	20ms to 2550ms
Highpass frequency	2971Hz to 20kHz
Attack	1ms to 200ms
Release	1ms to 200ms
Parametric EQ	6dB Lowpass, 6dB Highpass, 12dB Lowpass, 12dB Highpass, Bandpass, Notch, Low shelf (variable slope), High shelf (variable slope), Peaking, Double tracking, Stereo or variable mono mix *2 independent bands
Factory settings	
Input analog trim	0dB
Input	LINE
Phantom	OFF
Audio type	Soprano voice
Auto-Tune detune	0 cents
Sensitivity	7
MIDI channel	OMNI
MIDI prog change	OFF
MIDI control change	All OFF
Foot switch assign	All OFF
MIDI Sysex reception	NO
LCD contrast	4
Preset	Male voice