

SPECIFICATIONS



Solid State Recorder

SD-20M

SPECIFICATIONS

Spec description

Recording media	SD card (64MB to 2GB), SDHC card (4GB to 32GB), SDXC card (48GB to 128GB)
File format	
WAV / BWF	
Sampling frequency	44.1k / 48k / 96k Hz
Quantization bit rate	16 / 24-bit
MP3	
Sampling frequency	44.1k / 48k Hz
Bit-rate for recording	32k to 320k bps
Number of channels	4-channel (2 Stereo)
Analog audio inputs	
BALANCED (MIC/LINE INPUT1/2)	* Front panel
Connector	XLR-3-31 / 1/4" (6.3mm) TRS combo jack × 2 (1: GND, 2: HOT, 3: COLD)
LINE	
Input Impedance	10k Ω
Standard input level	+4dBu
Minimum input level	-12dBu
Maximum input level	+20dBu
MIC	XLR : Phantom power compatible
Input Impedance	2.7k Ω
Minimum input level	-67dBu (GAIN at "High")
Maximum input level	0dBu (GAIN at "Low")
UNBALANCED (INPUT 3/L / 4/R)	* Rear panel

Connector	RCA Pin jack × 1 pair
Input Impedance	10k Ω
Standard input level	-10dBV
Minimum input level	-26dBV
Maximum input level	+6dBV
Analog audio outputs	
UNBALANCED	
Connector	RCA Pin jack × 1 pair
Output impedance	200 Ω
Standard output level	-10dBV
Maximum output level	+6dBV
REMOTE	
Connector	2.5mm TRS jack × 1
PHONES	
Connector	1/4" (6.3mm) Stereo phone jack × 1
Maximum output level	20mW + 20mW or more (32 Ω loaded, THD+N:less than 0.1%)
Power	AC adapter (TASCAM PS-P1220E), 4 AA batteries
Power consumption	5W (Max)
Dimensions (W × H × D)	19.0" × 17.4" × 11.8" / 483 × 45 × 299.6 mm
Weight	6.0 lbs. / 2.7 kg (excluding batteries)
Operating temperature	41°F to 95°F / 5°C to 35°C
Accessories	AC adapter, Rack-mount screw kit, Warranty card, Owner's manual (including warranty card)

Audio performance

Frequency response	20Hz to 20kHz +1dB/-3dB (INPUT1-2 to OUTPUT, Fs 44.1k/48k Hz, JEITA) 20Hz to 40kHz +1dB/-3dB (INPUT1-2 to OUTPUT, Fs 96kHz, JEITA)
Distortion	0.01% or less (JEITA)
S/N ratio	100dB or more (JEITA)
Dynamic range	100dB or more (JEITA)

Supported Media



Supported Media 12-21-2020

sd-20m_tested_media_list.pdf 95.9 KB