

TASCAM SS-R250N Single-Rackspace Solid State Recorder

	SS-CDR250N	SS-R250N
Recording/Playback media		
SD	SDHC card (4GB to 32GB), SDXC card (64GB to 128GB)	
USB	USB Flash memory (2GB to 64GB)	
CD	CD-R, CD-RW	-
File format		
CD-DA	44.1kHz, 16bit	-
MP3	44.1k/48k Hz, 64k/128k/192k/256k/320k bps	
WAV	44.1k/48k/96k Hz, 16/24 bit	
Number of channels	2(stereo), 1(mono)	
Analog Audio inputs		
UNBALANCED		
Connector	RCA jacks	
Nominal input level	-10dBV (0.316Vrms)	
Maximum input level	+6dBV (2.0Vrms)	
Input impedance	10k Ω	
BALANCED		
Connector	XLR-3-31, (1:GND, 2:HOT, 3:COLD)	
Line input		
Nominal input level	+4dBu(1.23Vrms, Ref.Level other than -9dBFS) +6dBu(1.55Vrms, Ref.Level -9dBFS)	
Maximum input level	+15dBu(4.36Vrms, Ref.Level -9dBFS) +18dBu(6.16Vrms, Ref.Level -14dBFS) +20dBu(7.75Vrms, Ref.Level -16dBFS) +22dBu(9.76Vrms, Ref.Level -18dBFS) +24dBu(12.28Vrms, Ref.Level -20dBFS)	
Input impedance	10k Ω	
Mic input		
Maximum input level	+4dBu (1.23Vrms)	
Minimum input level	-70dBu (245uVrms) or more	
Input impedance	2.2k Ω	
Analog Audio outputs		
UNBALANCED		
Connector	RCA jacks	
Nominal input level	-10dBV (0.316Vrms)	
Maximum input level	+6dBV (2.0Vrms)	
Output impedance	200 Ω	
BALANCED		
Connector	XLR-3-32, (1:GND, 2:HOT, 3:COLD)	
Nominal input level	+4dBu(1.23Vrms)	
Maximum input level	+15dBu(4.36Vrms, Ref.Level -9dBFS) +18dBu(6.16Vrms, Ref.Level -14dBFS) +20dBu(7.75Vrms, Ref.Level -16dBFS) +22dBu(9.76Vrms, Ref.Level -18dBFS) +24dBu(12.28Vrms, Ref.Level -20dBFS)	
Output impedance	200 Ω	
Digital Audio inputs		
AES/EBU		
Connector	XLR-3-31	

Input impedance	110Ω	
Format	AES3-2003/IEC60958-4(AES/EBU)	
Supported sampling frequencies	44.1k / 48k / 96k Hz	
S/PDIF		
Connector	RCA jack	
Format	IEC60958-3	
Supported sampling frequencies	32k to 96k Hz	
Digital Audio outputs		
AES/EBU		
Connector	XLR-3-32	
Output impedance	110Ω	
Format	AES3-2003/IEC60958-4(AES/EBU)	
Supported sampling frequencies	44.1k / 48k / 96k Hz	
S/PDIF		
Connector	RCA jack	
Format	IEC60958-3	
Control input/output		
REMOTE (FRONT)		
Connector	2.5mmTRS jack (TASCAM RC-3F, RC-20 sold separately)	
RS-232C		
Connector	D-sub 9 pin	
PARALLEL		
Connector	D-sub 25 pin	
PHONES		
Connector	Standard 6.3mm (1/4") stereo jack	
Maximum output	45mW+45mW(THD+N 0.1% or less, into 32Ω load)	
Power	AC 100V to 240V, 50/60Hz	
Power consumption	22W	20W
Dimensions	482.6(W)×45(H)×300.5(D)mm	
Weight	3.2kg	2.9kg
Operating temperature range	5 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	20Hz to 20kHz, +0.5/-0.5dB(JEITA) 20Hz to 40kHz, +0.5/-3dB (JEITA)
Distortion	0.002% or less(Ref:-16dB/BALANCED,JEITA)
S/N ratio	106dB or more (JEITA)
Dynamic range	106dB or more (JEITA)
Crosstalk	100dB or more (JEITA)
EIN(equivalent input noise)	-125dBu or less (40Ω 20kHzLPF)