TASCAM ▶
TEAC PROFESSIONAL

SS-R1 · SS-CDR1
Solid State/CD-RW Audio Recorders

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SS-R1 and SS-CDR1 are single-rackspace solid state recorders for the installation market. Designed for applications that currently use a cassette or MiniDisc recorder, the SS-R1 records to CompactFlash cards in WAVE format – or in MP3 format to achieve extended recording times. The SS-CDR1 adds a slot-loading CD recorder for direct audio CD creation, direct MP3 recording to CD as well as additional audio transfer functions.

Solid State technology provides hours of recording to affordable and secure CompactFlash media, and recordings can be transferred quickly to computers for editing, archiving or publishing on the internet. With fewer moving parts to break down, these products are designed for years of trouble-free use.

▶ **SS-R1: Solid state stereo audio recorder**
   – Uses popular, secure CompactFlash recording media
   – No moving mechanism for high reliability
   – Supports WAV and MP3 file recording/playback

▶ **SS-CDR1: Combination solid state / CD-RW stereo audio recorder**
   – Applicable media for CD-RW recorder: CD-R, CD-RW, CD-R-DA, CD-RW-DA
   – Supports MP3 file recording/ playback to/from CD (ISO 9660 format) and memory card
   – Supports WAV file recording/ playback to/from memory card
   – CD to memory (copy and ripping) and memory to CD (MP3: copy in ISO 9660, WAV: CD-DA)

▶ Remarkable space-saving 1-U rack-mount units

▶ Ideal for replacement of current cassette deck or MD/CD recorder

▶ Long time recording for meeting minute recording

▶ Long time playback and various playback modes for sound installations (all, folder, play list, single, random, repeat)

▶ Edit functions for WAV files on memory card (divide, combine, erase, rename)

▶ Sampling rate converter

▶ Pitch control (change the playback pitch/tempo by ±16 %)

▶ Key control (±6 semi-tones)

▶ Auto cue and auto ready

▶ Power-on play starts playback when power comes on

▶ Fade in/out on playback

▶ Sync recording

▶ Auto track increment (level, DD, time), manual track increment

▶ Instant start

▶ XLR balanced analogue input and output

▶ RCA unbalanced analogue input and output

▶ Coaxial SPDIF digital input and output

▶ Mono mix analogue output

▶ D-sub 9-pin RS-232C serial control port

▶ D-sub 25-pin parallel control port

▶ Computer keyboard (PS/2) input for folder/file name editing and remote control

▶ Wired remote control included

CF card	WAV (44.1 kHz)	MP3 (320 KBit/s)	MP3 (192 KBit/s)	MP3 (64 KBit/s)
512 MB	0:48	3:30	5:50	17:40
1 GB	1:36	7:00	11:40	35:20
2 GB	3:12	14:00	23:20	70:40
4 GB	6:24	28:00	46:40	141:20
8 GB	12:48	56:00	93:20	282:40

Approx. recording time in hours:minutes for each audio format.

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Specifications

General

Applicable Recording Media	Compact Flash card (both models), CD-R, CD-RW, CD-R-DA, CD-RW-DA (SS-CDR1 only)
Recording formats	
MP3	Sampling Frequency: 48/44.1 kHz Word length: 16-bit Bit rate: 64/128/192/256/384 KBit/s
WAV	Sampling frequency: 48/44.1 kHz Word length: 16-bit
CD-DA (SS-CDR1 only)	Sampling frequency: 44.1 kHz Word length: 16-bit

Audio performance

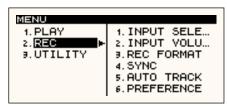|	
Frequency response	20 Hz – 20 kHz, ±0.5 dB (recording)
Distortion	0.005% or less (AES-17 20 kHz, recording)
S/N ratio	95 dB(A) (AES-17 20 kHz, typical, recording)
Dynamic range	95 dB(A) (AES-17 20 kHz, typical, recording)
Channel separation	95 dB

Analogue inputs and outputs

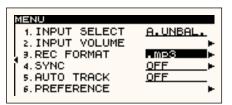|	
Analogue input (unbalanced)	RCA
Nominal impedance	>22 kOhm
Nominal level	−10 dBv
Maximum level	+6 dBv
Analogue input (balanced)	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Nominal impedance	>22 kOhm
Nominal level	+4 dBu
Maximum level	+20 dBu (+15 dBu, +18 dBu, +22 dBu, +24 dBu)
Analogue output (unbalanced)	RCA
Nominal impedance	200 Ohm
Nominal level	−10 dBV
Maximum level	+6 dBV
Analogue output (balanced)	XLR-3-32 (1:GND, 2:HOT, 3: COLD)
Nominal impedance	100 Ohm
Nominal level	+4 dBu
Maximum level	+20 dBu (+15 dBu, +18 dBu, +22 dBu, +24 dBu)
Headphones output	6.3-mm stereo phone jack
Maximum output power	38.5 mW + 38.5 mW (at 32 Ohm load)

Digital input and output

Digital input	Coaxial (RCA)
Nominal impedance	75 Ohm
Format	IEC60958-3 (SPDIF)
Quantization	16-bit
Digital output	Coaxial (RCA)
Nominal impedance	75 Ohm
Format	IEC60958-3 (SPDIF)
Quantization	16-bit

Other inputs and outputs

Serial control port (RS-232C)	D-sub, 9-pin
Parallel control port	D-sub, 25-pin
Computer keyboard connector	PS/2

Power supply and other specifications

Power requirements	100–240 V AC, 50–60 Hz
Power consumption	13 W
Dimensions (W x H x D)	483 mm x 44 mm x 300 mm
Weight	3.3 kg

Quick and easy: The units' menu configuration

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