



Shipping March 2008

SS-R1

Technical Documentation

PRODUCT OVERVIEW



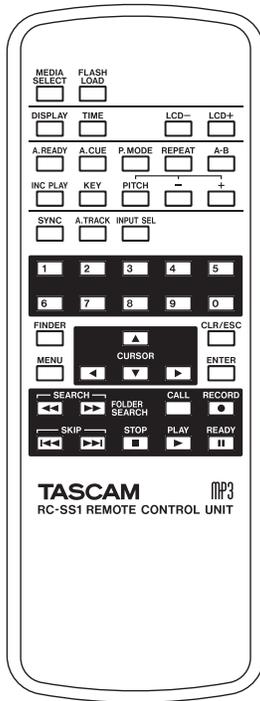
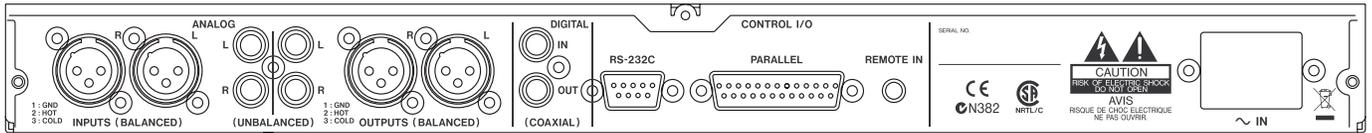
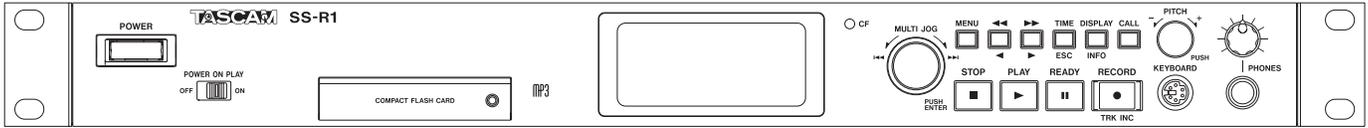
The SS-R1 Audio Recorder from TASCAM is the first in a series of next generation source devices from TASCAM that use solid state technology to capture a project. Recording to readily-available and affordable compact flash card the SS-R1 supports WAV and MP3 file (44.1/48 kHz) recording and playback to/from memory.

Traditional source device features include pitch and key control, auto cue and auto ready, instant start, sync record, auto track increment, and manual track increment. Rear panel analog I/O (balanced / unbalanced) and S/PDIF (coaxial / optical) are provided in addition to RS-232 and Parallel control.

MSRP \$749.00

- 1U Rack-mount Solid-State Recorder
- Memory Recorder
- Sampling rate converter
- Power on play (front panel selectable)
- Balanced (XLR) and unbalanced (RCA) analog I/O
- S/PDIF Digital In/Out (Coaxial & Optical)
- D-sub9pin RS-232C serial control port
- D-sub25pin parallel control port
- Replacement of current cassette deck and MD recorder
- Program Play, Folder Play, Shuffle Play, Interval Play Modes etc...
- Pitch control and key control
- Headphone Jack w/level control
- Input through and Auto Fade function
- Input monitoring / mixing of live stereo input along with playback
- Auto cue and auto ready
- Fade in/out playback
- Sync Rec, auto track increment (level, DD, time), manual track increment
- Instant start
- Mono mix output
- PS/2 keyboard input for folder/file name editing and remote control
- Wired remote control

PANELS



SPECIFICATIONS

Applicable Recording Media:	Compact Flash
Recording Format:	
MP3	Sampling Frequency 48/44.1 kHz
	Data length 16-bit
	Bit rate 64/128/192/256/384 kbps
WAV	Sampling Frequency 48/44.1 kHz
	Data length 16-bit
ANALOG INPUT (Unbalance)	
Connector:	RCA
Input Impedance:	>22kohm
Reference Input Level:	-10dBv
Maximum Input Level	+6dBv
ANALOG INPUT (Balance)	
Connector:	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Input Impedance:	>22kohm
Reference Input Level	+4dBu
Maximum Input Level	+20dBu (+15dBu, +18dBu, +22dBu, +24dBu)
LINE OUTPUTS (Unbalanced)	
Connector:	RCA
Output impedance:	200ohm
Nominal output level:	-10dBV
Maximum output level:	+6dBV
LINE OUTPUTS (Balanced)	
Connector:	XLR-3-32 (1:GND, 2:HOT, 3: COLD)
Output impedance:	100ohm
Nominal output level:	+4dBu
Maximum output level:	+20dBu(+15dBu, +18dBu, +22dBu, +24dBu)
HEADPHONE OUTPUT:	
Connector:	1/4" Stereo Phone Jack
Maximum output level:	38.5mW+38.5mW (at 32ohm loaded)
DIGITAL INPUT	
Connector:	RCA
Output Impedance:	75ohm
Format:	IEC60958-3
Quantization:	16-bit
DIGITAL OUTPUT	
Connector:	RCA
Output Impedance:	75ohm
Format:	IEC60958-3
Quantization:	16-bit
RS-232C	
Connector:	D-sub 9 pin
Parallel Control	
Connector:	D-sub 25 pin
PS/2 Keyboard	
Connector:	PS2
Power requirements:	
AC Adapter AC Input	100-240V ACV50-60Hz
Dimensions (W x H x D):	483 x 44 x 300(mm)

All specifications subject to change without notice