

SS-R05

Solid State Audio Recorder



The SS-R05 is a single-rackspace solid state recorder designed for applications that currently use a cassette, CD or MiniDisc recorder. The SS-R05 records to CompactFlash cards in WAV format – or in MP3 format to achieve extended recording times.

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, this product is designed for years of trouble-free use.

The SS-R05 is equipped with unbalanced audio inputs and outputs, SPDIF coaxial digital in and out with sample rate converter, a wired remote control and a computer keyboard input for folder/file naming and remote control. And, of course, users don't need to do without traditional features like pitch control, key control, auto cue, and many more.

If you need balanced i/o and serial/parallel control ports, have a look at the Tascam [SS-R1](#).

Main Features

- **Solid state stereo audio recorder**
 - Uses popular, secure CompactFlash recording media
 - No moving mechanism for high reliability
 - Supports WAV and MP3 file recording/playback
- **Remarkable space-saving 1-U rack-mount unit**
- **Ideal for replacement of current cassette deck, CD or MD 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 and key control**
- **Auto cue and auto ready**
- **Power-on play**
- **Fade in/out on playback**
- **Sync recording (level or time)**
- **Auto track increment (level, DD, time), manual track increment**
- **Instant start**
- **RCA unbalanced analogue I/O**
- **Coaxial SPDIF digital I/O**
- **Mono mix analogue output**
- **Computer keyboard (PS/2) input for folder/file name editing and remote control**
- **Wired remote control included (5 m)**

Specifications

General

Applicable Recording Media	Compact Flash card
Recording formats	
MP3	Sampling Frequency: 48/44.1 kHz Word length: 16-bit Bit rate: 64/128/192/256/384 kbps
WAV	Sampling frequency: 48/44.1 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 output (unbalanced)	RCA
Nominal impedance	200 Ohm
Nominal level	-10 dBV
Maximum level	+6 dBV
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

Remote connector	3.5-mm stereo jack
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

Design and specifications subject to change without notice.

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