SP-404SX Sampler

Turbocharging the World's Most Popular Portable Sampler

Roland's acclaimed SP-404 performance sampler takes an exciting leap forward with the new SP-404SX. In addition to the fun, fast, hands-on features of the original, the new model offers enhanced sound quality with pure 16-bit linear sampling, improved DSP effects, smooth FX switching, a more versatile pattern sequencer (with a new shuffle feature), and easier data management with SD-card compatibility. It's a creatively stimulating, powerful tool for DJs, musicians, producers, and live-sound engineers who trigger jingles.

● Sample anytime, anywhere with the built-in mic and battery power

● 29 DSP effects, including filter, delay, unique voice effects, subsonic, and looper

● 3 control knobs, 12 trigger pads, and Sub Pad for rapid repeat triggering

● Seamless effects switching for smooth, perfect performance

● Pattern sequencer with quantize mode and new shuffle feels

● 1GB SD card included; expand sample storage up to 32GB with SDHC

● Import audio files from computer, assign samples to pads with bundled software (Mac/PC)

■ SD MEMORY CARD

Sampling Time Unit: minutes

Size of Memory card	Stereo	Mono
1 GB	90	180
2 GB	180	360
4 GB	360	720
8 GB	720	1440
16 GB	1440	2880
32 GB	2880	5760

* Total time for all samples.

* The maximum sampling time (size) for a single sample is approximately 180 minutes in stereo (2 GB).

* Each sampling time is approximate. The times may change depending on the card specifications.

* Since the 1 GB SD card included with the SP-404SX contains preload data, the available sampling time will be less than the time above.

SP-404SX Specifications

■ **Maximum Polyphony** 12 voices ■ **Recordable Data** Samples: 120 (12 samples x 10 banks) (stored on SD card), Patterns: 120 (12 patterns x 10 banks)(stored on SD card) ■ **Sampling Time (Total time for all samples)** The maximum sampling time (size) for a single sample is approximately 180 minutes in stereo (2 GB). The following shows the approximate total sampling time of the samples that can be stored on one SD card. Card capacity / Stereo(Mono) 1GB / Approx. 90 min. (180 min.), 2GB / Approx. 180 min.(360 min.), 4GB / Approx. 360 min.(720 min.), 8GB / Approx. 720 min.(24 hours), 16GB / Approx. 24 hours(48 hours), 32GB / Approx.48 hours (96 hours), Since the 1 GB SD card included with the SP-404SX contains preload data, the available sampling time will be less than the time above. ■ **Data Format** 16-bit linear(.wav / aif) ■ **Sampling Frequency** 44.1 kHz ■ **Pattern Sequencer** Maximum recordable notes: Approx. 16,000 notes, Resolution: 96 ticks per quarter note, Pattern Length: 1–99 measures, Recording method: Realtime Loop Recording (with shuffle quantize function) ■ **Effects** 29 types ■ **Pads** 12 + Sub Pad x 1 ■ **Controllers** Control Knob x 3 ■ **Display** 7 segments, 3 characters (LED) ■ **Onboard Mic** Mono x 1 ■ **Connectors** LINE INPUT jacks (L, R)(RCA phono type), LINE OUTPUT jacks (L, R)(RCA phono type), Headphones (PHONES) jack (Stereo 1/4 inch phone type), MIC jack (1/4 inch phone type), MIDI IN connector, DC IN jack, SD card slot ■ **Power Supply** DC 9 V (Ni-MH AA SIZE Rechargeable Battery x 6, Alkaline AA SIZE Dry Battery x 6 or AC Adaptor) * Batteries sold separately ■ **Battery life for continuous use** Ni-MH Rechargeable batteries: approximately 5 hours, Alkaline dry batteries :approximately 4 hours * These figures will vary depending on the actual conditions of use. ■ **Current Draw** 450 mA ■ **Dimensions** 177.6 (W) x 256.7 (D) x 72.1 (H) mm, 7 (W) x 10-1/8 (D) x 2-7/8 (H) inches ■ **Weight** 1.2 kg, 2 lbs 11 oz (excluding batteries) ■ **Accessories** SD card (1GB), SP-404SX UTILITY CD-ROM, AC Adaptor PSB-1U, Owner's Manual

* The specifications are subject to change without notice.