

Portable Power-Sampler with FX

Picking up where Roland's popular SP-303 sampler left off, the new SP-404 is built on a foundation of *more*: more features, more voices, more pads, and more memory. The SP-404's sleek, silver look is new to the SP family, and it surpasses its predecessor by offering battery-power compatibility, a CompactFlash slot, and a built-in microphone for quick, stress-free sampling sessions. Just turn it on, aim, and record — no cables and mics to connect. Then get down to the business of making beats and patterns, and add extra color with the great effects built into this little powerhouse. Even with all the bonus features, the SP-404 is still amazingly affordable.



- 12 large pads, three control knobs, jumbo display, same friendly operation as SP-303
- 29 effects, including new Subsonic, BPM Looper, and more
- Built-in microphone for quick sampling
- CD-quality sound
- Expanded sampling time

- 12-voice polyphony
- Realtime loop recording
- Sample-editing tools
- Import/export WAV/AIF via CompactFlash card slot; supports up to 1GB card
- Runs on battery or AC power

CompactFlash is sold separately.
*Product pictured is a prototype model. Actual product appearance may be subject to change.

Two Sampling Modes

The name Roland is synonymous with “great sound,” and the SP-404 doesn't disappoint. The sampling and playback quality of this instrument, affordable as it is, is crystal-clear Compact Disc-grade. You can record audio directly into the SP-404, or import/export industry-standard WAV and AIF files via CompactFlash card. Fear not, lo-fi lovers — the SP-404 also provides a Lo-Fi sampling mode, so you can scorch, roast, and crunch your audio if desired.

Realtime Pattern Recording

After the SP-404 is loaded with the audio of your choice, the fun begins by creating custom beats and tracks via onboard pattern sequencer. This easy-to-use sequencer allows up to 8,000 notes to be recorded in real time at a resolution of 96 TPQN. For perfect playback, your pattern data can be quantized to the note value of your choice. Up to 24 patterns, each 1–99 measures long, can be stored in the internal memory simultaneously. On CompactFlash cards, you can save 96 additional patterns with 8,000 notes of recording capacity per card.

Quick Sampling & Editing

If you need to capture audio fast, the SP-404 provides an easy, efficient sampling engine; just connect an audio source or external microphone — or use the built-in mic. The SP-404 can house up to 24 samples in memory simultaneously. On CompactFlash cards, you can store up to 96 samples. The SP-404 provides sample-editing tools for setting start and end points, adjusting levels, and more.

29 Onboard Effects

Twist, bend, and animate your audio with the SP-404's expressive effects, and manipulate them in real time using the front-panel control knobs. Shake the walls with Subsonic. Drive the dancefloor wild with the BPM Looper (grab a region on the fly and loop it) and DJFX Looper (change speed and reverse audio to get a turntable scratch-like sound). Also offered: reverb, flanger, delay, Voice Transformer, distortion, filter, Slicer, Isolator, Vinyl Simulator, and more. Best of all, the SP-404's effects can be applied to multiple samples simultaneously or live input signals. You can also select the multi-effects directly by pressing the MFX button and the corresponding pad at the same time.

Onboard Microphone & I/O

An external microphone can be plugged into the SP-404's mic input and used to capture audio, but those who want to sample fast and spontaneously will love the built-in microphone. Just arm, point, and record! If you want to sample pre-recorded sounds, simply connect your CD player or sound source to the SP-404's line input jacks (L, R) and sample away. For playback, the SP-404 offers line outputs (L, R) as well as a headphone output for privacy. A MIDI input connector is provided for controlling the SP-404 externally.



CompactFlash

The SP-404 comes equipped with an industry-standard CompactFlash slot that accepts cards of up to 1GB capacity. You can even import WAV and AIF files into the SP-404 via CompactFlash, and vice versa. CF cards are handy, reliable, and readily available on the mass market.



Maximum Sampling Time (mono, approx.)

	Internal Memory*	CompactFlash						
		16 MB	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
STANDARD	5 min.	5 min.	12 min.	24 min.	48 min.	96 min.	193 min.	386 min.
LO-FI	11 min.	11 min.	24 min.	48 min.	96 min.	193 min.	386 min.	772 min.

*Including pre-loaded samples

SP-404 Specifications

■ Maximum Polyphony 12 voices ■ Internal Memory Samples: 24 (12 samples x 2 banks) *Including Pre-loaded Samples, Patterns: 24 (12 patterns x 2 banks) *Including Pre-loaded Patterns ■ Memory Card (CompactFlash) Samples: 96 (12 samples x 8 banks), Patterns: 96 (12 patterns x 8 banks) ■ Sampling Frequency 44.1 kHz ■ Data Format SP-404 original format (.WAV/AIFF import/export possible) ■ Sampling Mode STANDARD/LO-FI ■ Pattern Sequencer Maximum recordable notes: Internal Memory: Approx. 8,000 notes *Including Pre-loaded Patterns, Memory Card (CompactFlash): Approx. 8,000 notes, Resolution: 96 ticks per quarter note, Pattern Length: 1-99 measures, Recording method: Realtime Loop Recording (with quantize function) ■ Effects 29 types ■ Signal Processing AD Conversion: 24-bit, DA Conversion: 24-bit ■ Display

7 segments, 3 characters (LED) ■ Onboard Mic Mono x 1 ■ Connectors LINE INPUT Jacks (L, R), LINE OUTPUT Jacks (L, R), Headphone (PHONES) Jack (Stereo 1/4 inch phone type), MIC Jack, MIDI IN Connector, AC Adaptor Jack, Memory Card Slot (CompactFlash) ■ Power Supply DC 9 V (Dry Battery LR6 (AA) type x 6 or AC Adaptor) ■ Expected battery life under continuous use Alkaline: 6 hours *These figures will vary depending on the actual conditions of use. ■ Current Draw 300 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 1.3 kg, 2 lbs 13 oz (excluding battery) ■ Accessories Owner's Manual, AC Adaptor (PSB-1U)

* The specifications are subject to change without notice.