

SP-606 Sampling Workstation

COSM
V-LINK
USB

Grooves That Move You

Lightweight, but packed with heavy grooves, the SP-606 sampling workstation extends the legacy of the popular SP-505, offering 4x4 velocity sensitive pads, D Beam and V-LINK control and USB/CompactFlash compatibility. Bundled with Cakewalk's new P606 phrase generator/virtual groovebox for comprehensive sample library and editing capabilities, the SP-606 is all you'll need to create grooves that'll get you and your audience moving. The SP-606 is the most complete and unique sampler in its class.



- 4x4 velocity sensitive pads for intuitive rhythm programming and phrase audio operation
- Enhanced effects, including Isolator, Filter + Drive, Slicer, Reverb, Tape Echo and onboard Mastering capabilities
- Unique control over performance and playback via Roland's D Beam controller and V-LINK function*
- A CompactFlash slot for storing audio samples (in the SP-606's Pad Bank format) and import/export of WAV/AIFF files
- USB connection allows MIDI data/Bulk Dump and audio streaming storage capabilities
- Increased storage and download capabilities, including CompactFlash cards (with up to 512MB capacity) and USB jack
- 4-track sequencer with up to 18,000 note capacity, MIDI sequencing and BPM sync for audio phrase time stretching
- S/PDIF I/O for high-quality recording and track making with digital equipments
- Bundled with new P606 software from Cakewalk for enhanced integration and functionality with a PC via USB

*V-LINK requires Edirol DV-7PR Digital Video Workstation Presenter with software version 1.50 or higher, or P-1 Photo/Audio/MIDI Player (sold separately).

*Actual product appearance may be subject to change.

Sample, Edit, and Play

The SP-606 features stellar 8-voice, CD-quality audio with extensive slice and dice editing of samples via the onboard Chop function. Additionally, a powerful 18,000 note 4-track MIDI sequencer with BPM Sync feature lets you time stretch audio phrases. An easy-to-read graphic LCD with waveform display allows you to zoom in while editing Start and End points.

Rhythm Programming and Realtime Control

New velocity-sensitive pads are laid out intuitively in a 4x4 grid for greater control over rhythm programming and phrase audio operation. Additionally, Roland's acclaimed D Beam controller and V-LINK video control features have been added to enable unique phrasing and real-time effects generation during playback. When used with Edirol's DV-7PR or P-1, you can trigger video clips in sync with playback.



Powerful Effects Processing

There are 45 multi-effects built into the SP-606, including Isolator, Filter + Drive, Slicer, Reverb and Tape Echo as well as an independent Mastering Effect for final mixing. Effect settings can be added and tweaked in realtime via the SP-606's front panel knobs.

Enhanced Sampling Capabilities

The External Sequence Sampling feature allows you to capture audio loops generated by MIDI-based machines with ease. Simply connect the SP-606 to an external MIDI workstation, such as the MC-909, and press the Sampling button. Using MIDI information, the SP-606 is able to detect start and end points of the audio loop and perform a perfect capture.

Storage and Output Options

A CompactFlash memory slot with up to 512MB capacity is available for storing audio samples and for importing/exporting WAV/AIFF files. An onboard USB port facilitates transfer of MIDI data, audio files & audio stream downloading as well as WAV/AIFF files. In combination, the CompactFlash and USB port enables importing or exporting of WAV/AIFF files without requiring a separate CompactFlash reader/writer. Coaxial S/PDIF I/O is also included.



Expand Your Groove Horizons with P606

The SP-606 comes bundled with powerful P606 software from Cakewalk, eliminating the need for a static CD library. PC-based P606 software functions as a phrase generator/virtual groovebox, integrating with the SP-606 via the USB MIDI/audio interface. Three kinds of software synthesizers—analogue modeling, groovesynth and ACIDized file player—are offered, as well as a loop sequencer, eight effect plug-ins and onscreen control over Mix. As a master controller, the SP-606 can seamlessly import, edit and play back P606 tracks.



SP-606 Specifications

Maximum Polyphony 8 voices ■ **Sampling Mode** Standard/Long ■ **Sampling Frequency** 44.1 kHz ■ **Data Format** SP-606 original format (WAV/AIFF import/export possible) ■ **Internal Memory** Samples: 128 (8 Banks) *Including Pre-loaded Sample Banks ■ **Card Memory** Sample: 384 (24 Banks) ■ **Effects Section** Multi-Effects: 2 systems, 45 types, Mastering Effect: 2-bands Compressor ■ **Sequencer Section** Mode: Pattern, Song, Tracks: 4, Resolution: 96 ticks per quarter note, Song Steps: 999, Songs: 25, Patterns: 140 *Including Pre-loaded Patterns, Maximum measures per Pattern: 32, Beats: 2/4-32/4, Tempo: 40.0-200.0, Pattern recording method: Realtime, Step Recording (Note/Sample), Maximum recordable notes: Approximately 18,000 notes, (Approx. 8,000 per Pattern) ■ **Others** Display: 128 x 64 dots (Backlit graphic LCD), Controllers: Control Knobs x 3, D Beam, Pads: 16 with velocity sensitivity, Connectors: Headphones Jack, Output Jacks (L (Mono), R), Input Jacks (L (Mono)/Mic, R), Foot Switch Jack, Digital Audio Interfaces (Coaxial, In/Out), MIDI Connectors (In, Out), USB Connector (compatible with MIDI, Audio, and mass storage class), AC Adaptor Jack ■ **Power Supply** DC 9 V (AC Adaptor) ■ **Current Draw** 1,000 mA ■ **Dimensions** 358.3 (W) x 271.2 (D) x 84.0 (H) mm, 14-1/8 (W) x 10-11/16 (D) x 3-5/16 (H) inches ■ **Weight** 2.3 kg, 5 lbs 2 oz (Excluding AC Adaptor) ■ **Accessories** Owner's Manual, AC Adaptor (ACI Series or PSB-1U), USB Cable, CD-ROM (USB MIDI/Audio driver, P606), Card theft prevention cover ■ **Options** Pedal Switch (DP-2), Foot Switch (BOSS FS-5U)

Maximum Sampling Time (mono, approx.)

	Internal Memory*	CompactFlash					
		16MB	32MB	64MB	128MB	256MB	512MB
LONG	11 min.	12 min.	24 min.	48 min.	96 min.	193 min.	386 min.
STANDARD	5 min.	6 min.	12 min.	24 min.	48 min.	96 min.	193 min.

*Including pre-loaded samples.

Minimum System Requirements for the P606 Software

Microsoft® Windows® 2000/XP, Pentium®-class (Pentium® 4 1.7GHz recommended), 256MB RAM (512MB recommended), Video Resolution XGA (1024x768), USB Port, CD-ROM required for installation, 500MB Hard Disk

* Specifications are subject to change without notice.



* The SP-606's CompactFlash file system is developed by Kyoto Software Research, Inc.

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