

What a Sampling Studio Should Be.

From making beats to sampling and CD-burning, the MV-8000 Production Studio does it all—fast and elegantly. Sample your own sounds or import libraries including Roland S-700, Akai MPC2000/4000, ACID, .WAV and AIFF, then arrange it all using 16 velocity/aftertouch-sensitive pads and Roland's most powerful audio/MIDI sequencer—complete with realtime time stretch. Add a selection of mind-blowing COSM® effects, onboard mastering tools, a built-in CD-RW drive and USB port, and you've got the ultimate studio for today's producers.

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



* R-BUS port is available when the MV-8000 is equipped with the optional MV8-OP1 Audio Expansion I/O.

A Complete Studio for Modern Production

While there are other hardware studios on the market, none can compete with the MV-8000's ability to quickly turn raw samples into songs. With up to 101 minutes of sampling (when in mono) and compatibility with a wide range of audio formats, the MV-8000 offers unlimited possibilities. And sequencing is easy, thanks to 16 velocity/aftertouch-sensitive pads and a graphic LCD interface. Users can record both audio and MIDI tracks, apply effects and burn a CD—making the MV-8000 the first Roland product capable of handling every part of production.

From Sample to Finished CD

Thanks to the onboard CD-RW drive, producers can create entire songs armed with only an MV-8000 and their favorite CDs. The sampler can load sample libraries ranging from Roland and Akai to .WAV and ACID formats—all with just a few simple commands. Then it's just a matter of tapping in some beats, arranging the song and adding effects before burning it all to an audio CD.

136 Tracks of Sequencing Bliss

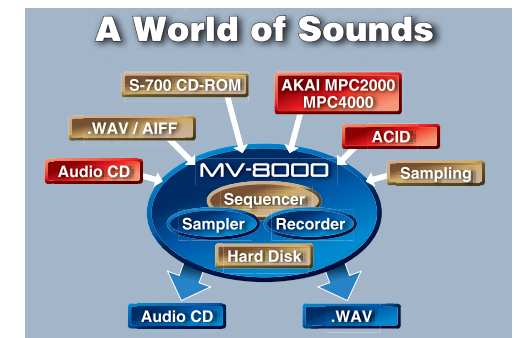
The MV-8000's sequencer section boasts total integration of audio and MIDI and up to 136 tracks of recording. These include 128 MIDI tracks (with 32-channel operation using external MIDI gear) and eight stereo audio tracks (16 mono) that can be used as a linear recorder. Program beats on the MIDI tracks and combine them with freestyle vocals or acoustic instruments on the audio tracks, including the ability to "punch in" at any time. The innovative MV-8000 can even sync audio to the sequencer's BPM.

Luxurious Velocity Pads and LCD Interface

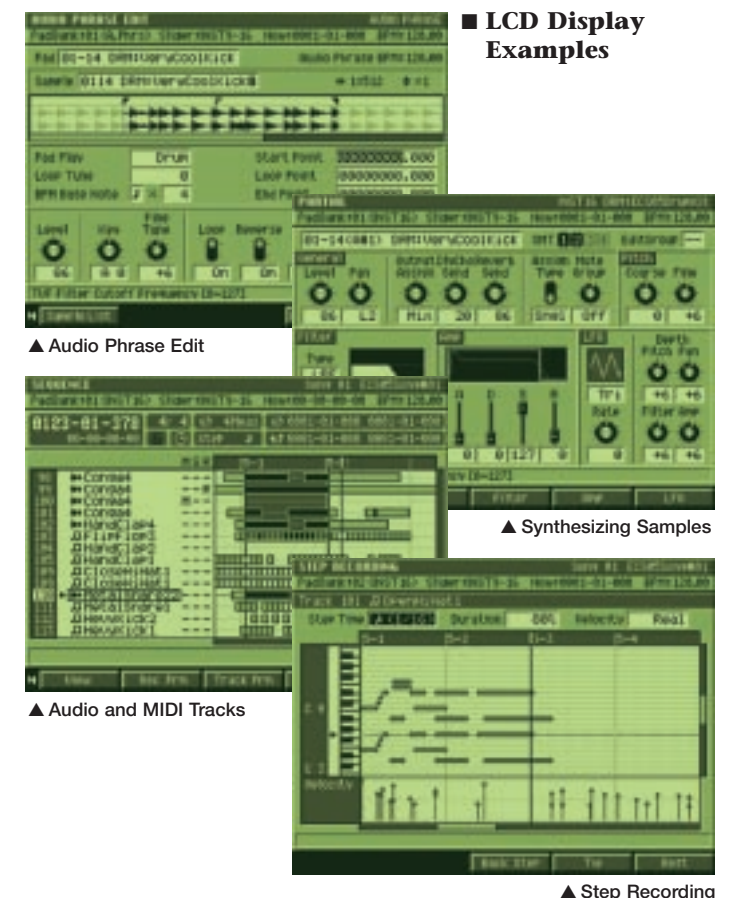
Users of other sampling studios can now upgrade to the MV-8000 without sacrificing the distinctive feel they're used to, thanks to 16 large, velocity pads for programming beats and triggering audio phrases. The pads are both velocity- and aftertouch-sensitive for maximum expression, and, when combined with the MV-8000's stunning graphic LCD and realtime control knobs, make sequencing more natural and spontaneous.

Compatible with Popular Audio Formats

The MV-8000 offers compatibility with some of the biggest formats around—including the ability to import Akai MPC disks via the built-in floppy drive. Users can load Roland S-700 and Akai MPC2000/4000 libraries and .WAV/AIFF files from CD-ROM or via USB transfer, and "rip" audio directly from CD. The MV-8000 also loads ACID files and can automatically calculate the bars and BPM, making it easier to work with loops. Of course, user sampling is also provided—complete with Phono inputs for sampling records.



- Self-contained production studio with sampling, sequencing, effects and CD-burning
- 16 velocity/aftertouch-sensitive pads for programming beats and arranging audio
- 128MB RAM; expandable to 512MB for 101 minutes of recording (when in mono)
- Powerful 136-track sequencer (128 MIDI tracks + 8 stereo audio tracks) with easy software-style operation and realtime timestretch
- Large icon-based LCD and realtime control knobs for easy operation
- Sampler compatible with a variety of audio formats: Audio CD, .WAV/AIFF, ACID, Akai MPC2000/4000 Series and Roland S-700 Series
- Independent reverb, chorus/delay and MFX processors, plus mastering tools
- Onboard CD-RW drive, 3.5" floppy drive and 40GB internal hard drive for storage
- V-LINK function for controlling Edirol video equipment (sold separately)
- Stereo Mic/Line and Phono inputs, plus stereo analog and digital Master outputs
- Optional MV8-OP1 adds 6 analog outputs, a digital input and R-BUS port for 8 channels of simultaneous digital output and 2 channels of digital audio input
- VGA monitor support and mouse operation planned for 2004



■ LCD Display Examples

▲ Audio Phrase Edit

▲ Synthesizing Samples

▲ Audio and MIDI Tracks

▲ Step Recording

Studio-Quality Effects and CD-RW Drive

The dream of a complete studio in a box becomes a reality with four dedicated effects processors and an onboard CD-RW drive. The MV-8000 delivers 24-bit Reverb, separate Chorus/Delay and a versatile MFX (multi-effects) processor with COSM effects made famous in Roland's V-Studios. These include algorithms like Isolator, Filter, Delay, RSS®, Guitar Multi, Vocoder and Microphone Modeling—plus vintage effects like Roland's RE-201 Tape Echo, SDD-320 Dimension D Chorus and the SBF-325 Stereo Flanger. A Mastering Tool Kit offers everything needed to sweeten up mixes prior to burning a CD or exporting the stereo .WAV file to a computer.



Massive 40GB Hard Drive

While audio and samples are played back using the onboard RAM, the MV-8000 can store its sounds and projects to an internal 40GB hard disk. This makes it easy to manage large sound libraries once they've been converted to MV-8000 format; it's also a great way to load sequences quickly before a performance. When connected via USB, the hard drive can be accessed directly from a computer's desktop.

* Note that it is not possible to record directly to the hard drive. Recordings are made using the internal RAM and then saved to the hard drive.

Options Galore

By purchasing the optional MV8-OP1 expansion board, users gain six additional analog outputs, a digital input, plus an R-BUS port that can be used to transfer up to eight channels of digital audio to R-BUS equipped V-Studios. And with Roland's V-LINK technology inside, the MV-8000 can trigger and manipulate video clips when used with optional Edirol video equipment. In 2004, a major upgrade is scheduled that will add VGA monitor support and mouse-based operation. When it comes to sampling studios, don't settle for second best. Get the Roland MV-8000.

* V-LINK requires the Edirol DV-7PR Digital Video Workstation (sold separately) with software version 1.50 or higher.
* All trademarks are property of their respective owners.



* Shown with the optional MV8-OP1 Audio Expansion I/O.

MV-8000 Specifications

■ **Maximum Polyphony** 64 voices ■ **Wave Memory Slot** 1 (168pin DIMM PC66/100/133 CL2/3) ■ **Projects** Unlimited (depends on the space of HDD) ■ **Samples** Max 9,998 per project ■ **Songs** Max 16 songs per project ■ **Patches** Max 16 per song (called INSTRUMENTS) ■ **Partials** Max 96 per PATCH ■ **Audio Phrases** Max 512 (16 pads x 32 banks) per project ■ **Signal Processing** AD Conversion: 24 bits, 64 times oversampling, DA Conversion: 24 bits, 128 times oversampling, Data Format: 16 bits (linear), Sampling Rate: 44.1 kHz (fixed) [Sampling Section] ■ **Importable format** Audio CD, Windows® WAVE files, AIFF files, ACID WAVE files library from Sonic Foundry, AKAI MPC Sound library, Roland S-700 library ■ **Exportable format** Audio CD, Windows® WAVE files ■ **Memory Size** 128 MB (standard) or 512 MB (expanded) ■ **Sampling Time** 128 MB (standard) mono: 25 min. approx., stereo: 12 min. approx. 512 MB (expanded) mono: 101 min. approx., stereo: 50min. approx. [Sequencer Section] ■ **Type** Linear Sequencer ■ **Tracks** 8 audio tracks for AUDIO PHRASES, 128 MIDI tracks for both internal INSTRUMENTS and external 32 MIDI devices ■ **Max Events** 300,000 ■ **Recording Type** Event Real-time / Event Step / Audio Direct ■ **Editing** Event List Editor, Piano Roll Editor for MIDI event editing ■ **Others** Recording Quantize / Play Quantize / Quick Loop / Audio Direct Recording [Effects Section] ■ **Effect Channels** 3 (2 loop effects + MFX) ■ **Loop Effects** 2 (Reverb and Delay/Chorus) ■ **MFX algorithms** 24 ■ **Others** Mastering Tool Kit [Pads] ■ **Type** 16 Velocity Pads, aftertouch sensitive ■ **Banks** 32 banks (AUDIO PHRASES), 6 banks x 16 part (PATCH) [Storage Section] ■ **HDD capacity** 40 GB ■ **CD-R/RW drive** Built in (Read: 32 times speed / Write: 8 times speed / Rewrite:

8 times speed) ■ **Others** FDD (3.5 inch, 2DD or 2HD), USB for file transfer to PC/MAC ■ **Connectors** Analog Input: 1 pair of MIC/LINE (1/4 inch TRS), 1 pair of PHONO (RCA pin type), Digital Input: A (coaxial) / B (optical) / R-BUS on optional I/O expansion board, Analog Output: 1 pair of Master Out (1/4 inch TRS), 1 Phones (Stereo 1/4 inch phone type), Multi Output (6 x 1/4 inch TRS) on optional I/O expansion board, Digital Output: A (coaxial) / B (optical), USB port: B type / USB 1.1 / Mass Storage Class, MIDI: IN / Out A / Out B, Foot SW: 1/4 inch phone type ■ **Display** 320 x 240 dots Graphic LCD (with backlight) ■ **Power Supply** AC117V, AC230V or AC240V ■ **Dimensions** 480 (W) x 482 (D) x 136 (H) mm / 18-15/16 (W) x 19 (D) x 5-3/8 (H) inches ■ **Weight** 9.8 kg / 21 lbs. 10 oz. ■ **Accessories** Owner's Manual, Demonstration CD (CD-ROM), AC cord ■ **Options** DP-2 Foot Switch, MV8-OP1 Audio I/O Expansion, Expansion Memory (DIMM)

Media and file format compatibility	
Import	
Audio CD	audio
CD-ROM	.wav/AIFF, ACID wave files, S-700 Series, SMF
USB	.wav/AIFF, ACID wave files, AKAI MPC2000/4000, SMF
Floppy disk	AKAI MPC2000/4000, SMF
Export	
Audio CD	audio
CD-ROM	.wav, MV-8000 native data (Project etc.)

* V-LINK for controlling video clip playback (DV-7PR) / channel switching (V-4) / effects (DV-7PR, V-4).
* The specifications are subject to change without notice.