

1987 KORG NEW PRODUCTS

DSM-1 DIGITAL SAMPLING SYNTHESIZER MODULE

Introducing a new standard in professional sampling and synthesizer technology: the Korg DSM-1 Digital Sampling Synthesizer Module. Aimed at the professional musician and audio recording industry, Korg's DSM-1 boasts dramatically extended sampling and synthesizer functions, multi-timbral capabilities and large storage capacity. Its digital sample memory features an incredible one mega word standard capacity...more than any other sampler in its class. It also offers full 16 voice polyphonic capability, with 16 individual outputs, for truly professional applications. DSM-1 Sounds can easily be split at 64 different points within a 128 note range, layered and assigned up to 4 different MIDI channels in its Multi-Timbral mode, giving the musician a high degree of multi-sound flexibility for discerning applications. The DSM-1's internal architecture can store up to a full 64 seconds of sounds, divided among four different Timbre sections. It also offers CD-spec frequency response, with 4 different sampling rates up to 48kHz. Sampled

sounds can be customized with such functions as Reverse, Link, Mix, Linear and "Equal Power" Crossfade Looping, Back and Forth Looping, View and Edit, Pitch Adjust, and other advanced editing tools. The DSM-1's memory can be divided into four timbre sections, each accessing one of 32 multisounds. Each Multisound in turn is comprised of up to 16 samples or waveforms. Finally, the DSM-1's comprehensive Synthesizer architecture features 46 parameters, allowing you to shape, and express multisounds in virtually any way imaginable. The DSM-1 combines sampling and synthesizer capabilities in ways that only Korg knows how. It offers instantaneous access to any of 32 programmed sounds, each of which can represent an entirely new instrument sound. Additionally, the 16 voices can be split into 4 different programs and MIDI channels in the DSM-1's Multi-Timbral mode, and then layered or split across the keyboard, in any manner desired. The choice of voice combinations can also be stored in program memory. Gone are the limitations to musical creativity. The DSM-1 features compatibility with DSS-1 Disks, allowing you to incorporate the extensive library of the DSS-1 into your DSM-1 Library. The built-in Quad Density High capacity 3.5" disk stores all DSM-1 data, including Samples, Waveforms, Program Data and Combination Data.



Dimensions: 430(W) x 433(D) x 134(H)mm
Weight: 11kg

DRM-1 DIGITAL RHYTHM MODULE

The new Korg DRM-1 is a digital rhythm module with its own drum sounds, drum sequencer, and trigger/MIDI converter. Everything is operated by remote control. Thanks to 12-bit digital-to-analog conversion, you enjoy excellent sound quality, particularly noticeable in the toms and congas. Besides the 22 built-in samples, you can use up to four ROM cards at once, drawing from the large library available for the DDD-1 and DDD-5. Not only can you adjust each sound's pitch, decay, and output level, you are also free to set its output assignment, pad assignment, MIDI assignment, and response curve—you can even select the phase of each sound when it is played layered with itself. Up to 16 of these

settings can be stored in memory for instant recall. Output facilities include left/right stereo with panning capability, and eight individual "multi-out" jacks. The seven trigger inputs allow direct connection of up to seven drum pads. You are free to use MIDI control and drum pads at the same time. Depending on MIDI velocity, note number, foot pedal data or how hard you strike the pads, you can vary the drum pitch, decay, level, pan, and other parameters. This real-time control is handy for musical effects and it offers more detailed expressive capability in your playing style. The DRM-1's real-time sequencer records your performances with a memory capacity of up to 5000 notes in up to 16 patterns. You can punch in, punch out overdub, erase, delete, and execute other editing functions. For live stage convenience you enjoy footswitch control over start/stop switching and pattern selection. Programmable footswitch jacks allow real time control of performance features. Advanced functions also support studio applications. You can adjust the trigger level and inhibit time to simplify replacement of particular drum sounds on an already recorded tape. Performance data and your sound parameter settings can all be stored in RAM cards for future use.



Dimensions: 482(W) x 315(D) x 44(H)mm Weight: 4.3kg

People and Technology in Harmony

KORG

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