



Introducing the E-Mu Systems Emulator II Digital Sampling Keyboard

In January 1981 E-mu Systems introduced the Emulator digital keyboard and brought the power of digital sampling within reach of most professional musicians. Now, drawing on three years of experience as the pioneers in affordable digital sampling technology, E-mu Systems introduces the Emulator II, offering an astounding increase in capabilities at a substantial reduction in price.

The Emulator II is not simply an update of the original Emulator. It is an entirely new instrument, redesigned from the ground up to embody recent technological advances and to reflect the input of hundreds of current Emulator users. It is, quite literally, a revolution in digital keyboard technology.

Like its predecessor, the Emulator II allows you to digitally record any sound and to play it back polyphonically from its keyboard. But that's just the beginning. Emulator II utilizes a new data encoding technique that results in greatly increased effective frequency response with a spectacular decrease in digital distortion. It is available with up to 17 seconds of sampling time and a full megabyte of disk storage. The dynamic expressivity of its five octave velocity sensing keyboard makes possible instrumental lines of startling realism. What's more, inclusion of filters, VCA's, envelope generators, and independent delayed LFO's for each of its eight channels allows extensive programmable modification of any sampled sound.

The Emulator II's keyboard algorithms provide a

variety of new voice assignment techniques. Any number of different voices (limited only by available memory) may be assigned to the keyboard simultaneously. Each sound may have its own independent keyboard range or may stack with or overlap other assigned voices. Up to eight different sounds may be assigned to a single key. Add eight independent channel outputs, the ability to assign a different voice to each channel, and a track oriented digital sequencer with autocorrect and extensive editing capabilities, and you have a complete music production facility in a single portable package.

The Emulator II's interface capabilities have been designed both for future system expansion and compatibility with other electronic instruments. An RS-232 interface provides for enhanced computer access and control; MIDI allows connection to other synthesizers and sequencers, and, possibly most important, a built-in SMPTE reader/generator conforms to the synchronization standard of the professional recording, film, and video industries.

Emulator II. Incredible power at an incredible price. More magic, available this spring from E-mu Systems, Inc.

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