

# E-mu Systems SP-12 twelve bit sampling percussion system

## The new standard in professional digital drum computers



E-mu Systems, the pioneers in affordable professional sampling technology, present the SP-12, a digital percussion system that brings the power of user sampling to the world of programmable rhythm machines.

Our first and most important consideration in designing a professional drum computer was superior sound quality. By utilizing a twelve bit data format and an increased sampling rate, the SP-12 is able to produce sounds whose combination of clarity, brilliance, and dynamic range easily sets a new standard of fidelity for digitally sampled drum machines.

The SP-12 comes preprogrammed with a full complement of acoustic and electronic drum and percussion sounds. Additional sounds can be loaded in from cassette, an optional floppy disk drive, or you can record your own custom sounds with the SP-12's built-in user sampling facility. And since the SP-12 samples into battery backed up memory, your

personal sounds are always instantly available as soon as your SP-12 is turned on.

The SP-12 also sets new standards in the area of programmability. Tuning, decay, mix level and tempo (including gradual accelerandos and deaccelerandos) are totally programmable. The SP-12's touch sensitive play buttons give you unprecedented control over dynamics and expression. And with our new multiparameter modes, any SP-12 sound can be assigned to all eight play buttons simultaneously with a different tuning or level setting for each button.

For all its power, the SP-12 has been designed to be extremely easy to program. Flexible repeat and subsong functions greatly simplify the creation of complex song structures. A step programming mode lets you create intricate rhythm patterns as well as examine and edit patterns originally programmed in real time. Tempos may be specified numerically (accurate to .1 BPM). Or simply hit the

Tap button twice in rhythm and let the SP-12 calculate the exact tempo.

For use in professional film, video, and recording applications, the SP-12 includes a built-in SMPTE code reader/generator as well as a standard 24 pulse per quarter clock. A full MIDI implementation allows you to control your SP-12 from MIDI keyboards, sequencers, and computers. You can add our optional SP-12 Turbo kit for even more sequence and sampling memory. Or connect your SP-12 to external pads to create the ultimate digital drum set.

The SP-12. Sound, versatility, and value. Another new standard from E-mu Systems.



**E-mu Systems, Inc.**  
applied magic for the arts

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