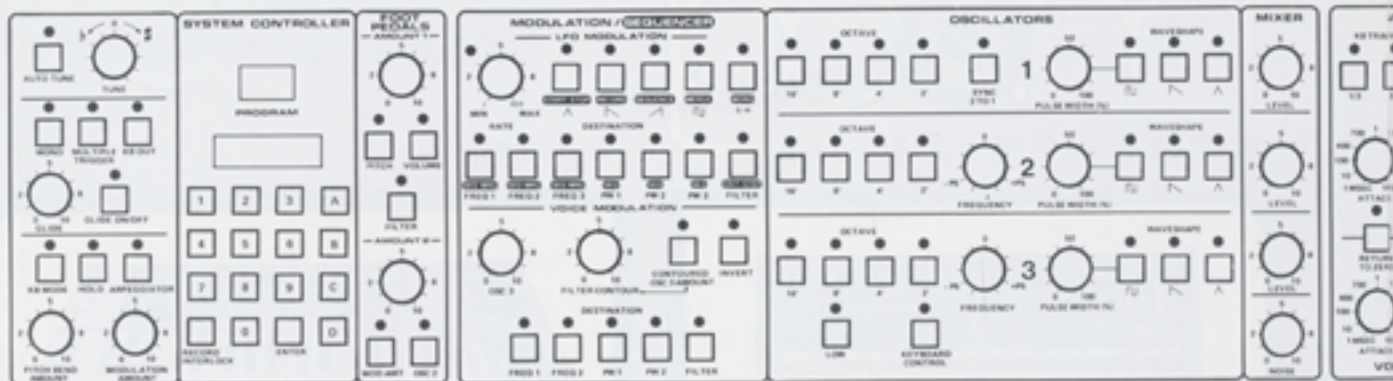


moog[®]

SYNTHESIZERS

The 1984 Product Catalog





MEMORYMOOG PLUS

Memorymoog Plus is a six voice programmable-memory polyphonic synthesizer under microprocessor control. Each voice has three oscillators with variable pulse, sawtooth, and triangular waveforms that can be combined and mixed, and routed through the patented Moog filter (VCF) and voltage controlled amplifier (VCA) for a sound of unparalleled richness. Each VCF and VCA is controlled by an individual ADSR contour generator.

Modulation capability is extensive: All six voices may be modulated in parallel, choosing among four modulation waveforms and/or sample & hold. And there is voice modulation using the third oscillator or filter contour to modulate each voice's filter cutoff, oscillator pitch and/or pulse width individually. "Second-order" modulation capability provides contoured modulations such as individual delayed vibrato for each voice.

The Memorymoog Plus stores 100 different "programs,"

or sounds. Thousands of programs can be stored via the cassette tape interface. You recall a program using the System Controller keypad. In performance, chains of programs you have ordered can be stepped through using a footswitch — your hands need never leave the keyboard.

Unique performance features include: An "unconditional" contour option that makes the Memorymoog Plus finish its attack even if your hands are busy playing another instrument; a "keyboard follow" circuit that shortens attack/decay times in the treble relative to the bass to enhance emulation of acoustic instruments; programmable footpedal assignment/sensitivity for each program; a variety of keying modes; and programmable final volume. A total of 24 input/output jacks on the rear panel make the Memorymoog Plus the most open instrument there is.

Memorymoog Plus will always be a powerful musical instrument, because, in music — sound is everything.



THE PLUS: SEQUENCER/ MIDI

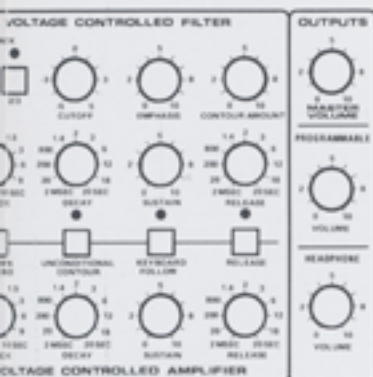
Powerful sequencer/MIDI capability is built into the Memorymoog Plus and can be installed in earlier Memorymoog models by your authorized Moog Service Center. This Plus has separate polyphonic and monophonic sequencers that can be synchronized. These sequencers remember/ playback what you play, or let you create sequences in a non-performance "step" mode for metronomic accuracy.

Memory size is more than 4000 notes (polyphonic), 500 notes (monophonic) in realtime and 5000 and 1000 notes respectively in the step mode. Memory is divided into 6 sequence locations. Several sequence locations can be linked to

create a longer memory. Each sequence can store independent tempo, time signature, and program changes. Programmable voice allocation lets you "play along" with a sequence if you like.

Like a drum machine, the Memorymoog Plus sequencer can manipulate individual sequences, repeat them, and put them into a desired order for a complete song. Also featured are: programmable tempo changes, program changing on-the-fly for sequences with timbre changes, sync-to-tape capability, keyboard transposition of sequences, complete external clock interface, and the powerful MIDI (Musical Instrument Digital Interface).

The Plus Sequencer/Midi is a powerful composition/ recording/performance musical tool!



THE SOURCE

The Source is a microprocessor-controlled programmable-memory monophonic synthesizer. It puts 16 great sounds instantly at your fingertips a Minimoog with memory! Source is: two oscillator sound power, the Moog-filter, a built-in digital sequencer (two 88 note sequences) that can change programs on-the-fly, a performance-oriented arpeggiator, high-reliability membrane switches, Open System input/output, and tape cassette interface.

For lead, bass, sound effects and effective sound — Source leads the way.

TAURUS II

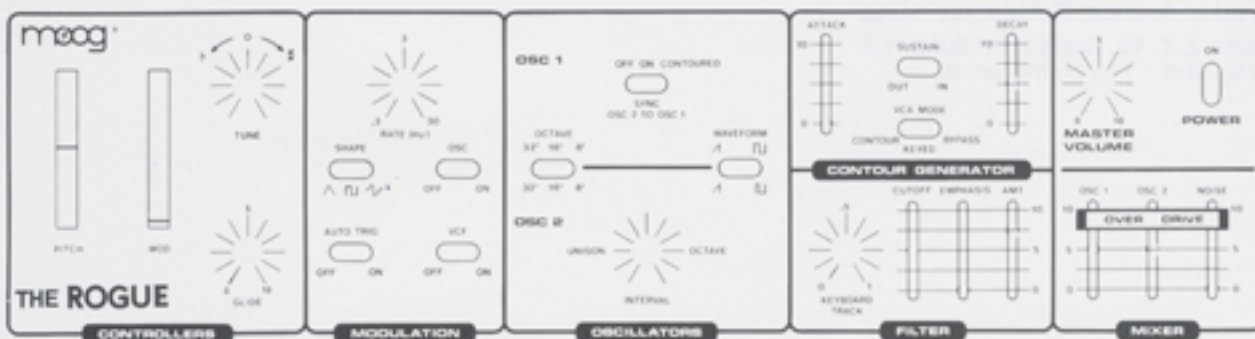
A versatile and inexpensive pedal synthesizer and expander module, Taurus II is more than a bass synthesizer. Sawtooth and rectangular waveforms from 32' to 4' can be played. The 1-1/2 octave pedalboard drives two oscillators that can be synchronized and swept for the "sync" sound. The electronics package can be attached to the adjustable stand included, a mike stand, or put anywhere in a performer's setup. Connect the electronics to the pedalboard with the 7-conductor, 12 foot cable included.

Taurus II offers the "unconditional" contour option — the sound completes itself if you just tap the pedal. For the guitarist or bassist who wants to move around on stage — just touch and go!

Taurus II is more than a simple voice. Modulation capabilities are complete — vibrato, tremolo, sample & hold, trills, autotriggering. Modulation and pitch bend wheels are provided.

In the Moog tradition, interface connections let you drive another monophonic synthesizer, use the Taurus II as an expander module, or process other instruments through the Audio Input.

The Taurus II brings synthesis to not only keyboard players, but guitarists, bassists, and other musicians. Want powerful bass, lead, or explosive effects? Taurus II — step on it!



THE ROGUE

Moog Music's versatile, yet inexpensive keyboard synthesizer. Many of the functions of larger, more costly instruments have been incorporated into a highly efficient package:

Two audio oscillators and a noise source. The oscillators span from 32' to 4' and may be synchronized for the "sync" effect. A unique overdrive circuit produces unusually "fat" sonorities through the Moog filter.

The Rogue has complete modulation capabilities: vibrato, tremolo, trills, sample & hold, and automatic

triggering (reiteration). Modulation and pitch bend wheels are provided.

Rear panel interface ports let you process external sounds, play two Rogues from one keyboard, "drive" other synthesizers, communicate with a computer, and more.

The Rogue is compact, but there is nothing small about its sound. Though designed for professional multikeyboard use, its portability and affordability make it a natural instrument for the student, electronic music studio, and the home.



New revised price list effective January 15, 1984. All prices subject to change without notice. To improve the design, quality and performance of our instruments and to make use of the best available materials at all times, we reserve the right to change specifications without notice.

1120 PEDAL CONTROLLER

The 1120 Pedal Controller can be used to control any voltage-controlled function. It outputs a continuously-variable DC voltage ranging from zero to 4.7 volts, and can be used to control loudness, filter frequency, pitch, pulse width or other synthesizer functions.

1121 FOOTSWITCH

The 1121 Footswitch can be used with various Moog synthesizers to trigger contour generators, turn modulation on and off, switch glide in and out, and other gating or switching functions. The 1121 can be set normally open or normally closed.

1122 FOOTSWITCH

The 1122 Footswitch consists of two momentary contact switches mounted in a rugged steel base. The switches terminate in 1/4 inch connectors; the 1122 is designed to be used with the Memorymoog.

PRODUCT	WEIGHT	WIDTH	DEPTH	HEIGHT
Memorymoog Plus	38 lbs.	40"	18 1/4"	6 1/2"
Rogue	16.5 lbs.	21"	12 1/4"	5 1/4"
Source	22 lbs.	26 1/4"	12 1/2"	3"
Taurus (Pedal)	33 lbs.	31"	19 1/2"	5"



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