

DATE: Design Engineering  
TO: Marketing  
FROM: New Product Design  
SUBJECT:

DISTRIBUTION: This may be an impossible task, but we've dreamed up an instrument geared to today's musician. It has to have the best function-to-price ratio that you can design into a keyboard.

Here's what we're looking for...

A totally polyphonic synthesizer that can <sup>very easily</sup> produce STRINGS, ORGAN and BRASS and still be variable enough to be used as a LEAD SYNTH.

The STRING VOICE must pass through a three part filter with adjustable cut-off and emphasis. This voice must then go through the finest chorus circuit you can come up with. (By the way, the chorus should have variable depth, speed and delay!)

A realistic BRASS VOICE must be available at the touch of a button. There should also be a variable mode passing it through our patented filter. This should allow the player to program filter contour, cut-off, emphasis and contour amounts to create some powerful polyphonic synth effects.

The ORGAN must have 5 footages mixable from 16 feet to 1 foot with a tone control available. This ORGAN VOICE should be panned into either the chorus circuit or the VCF or both while still available as a direct signal.

LFO modulation must be fully controllable, have adjustable delay and be routed to either the VCF or used as FM for vibrato.

The output section must provide separate levels for each voice, on-off switching for preset mixes and individual L-R panning into a stereo output.

Finally guys...the real crusher! This product must be manufactured to the highest Moog standards and still priced lower than any comparable instrument on the market!

Please respond as soon as possible.

*(lets include a pitch wheel for bending notes or chords)*

DATE: MARKETING DEPT.  
TO: DESIGN ENGINEERING  
FROM: THE MUSICIAN'S ENSEMBLE  
SUBJECT: KEYBOARD  
DISTRIBUTION:

HERE IT IS!

APPROVED



OPUS 3

by moog

2500 WALDEN AVENUE, BUFFALO, N.Y. 14225

*(We're the people who started it all!)*