

ADVANCED ELECTRONICS FOR THE '80's AND BEYOND

P-4700/J COMPUTER BASED MODULAR
SYNTHESIZER SYSTEM
page 2



EKx - EXPONENTIAL MODULE CARDS
page 8

PROTEUS - PROGRAMMABLE PRESET LEAD SYNTHESIZER page 5

DIGITAL CONTROL FOR ELECTRONIC MUSIC SYNTHESIS

THE HARDWARE

WITH PAIA COMPUTER/SYNTHESIZERS POLYPHONIC IS ONLY THE BEGINNING!



P-4700/J

4700/C

The ideal monotonic starter system. Can be used without a computer/processor as a conventional electronic music synthesizer. But, by simply unplugging the synthesizer head from the keyboard, a computer can be put into the loop to provide power and versatility never before possible for synthesizers of any cost. The 4700/C module complement includes the 8782 Encoded Keyboard, Digital to Analog Converter, Control Oscillator/Noise Source, Balanced Modulator/VCA, Reverb, 4720 VCO, 4730 VOF, Envelope Generator, 4771 Regulated Power Supply and a 4781 Module Cabinet, complete step-by-step assembly instructions and Using manual.

No. 4700/C Synthesizer Kit . . . \$359.00 (shipped freight collect)

4700/J

By anyone's standards this is a BIG synthesizer, as you can see by reviewing the module complement. Like our other packages, it may be used without a computer as a normal monotonic synthesizer. With a computer in the loop (our 8700 or your own personal computer), you are ready to perform polyphonic instruments, multi-track recording work, and innumerable composer and performer assisting functions that are only possible with a computer/synthesizer combination. The 4700/J module complement includes the 8782 Encoded Keyboard, Digital to Analog Converter, QuASH, two 4710 Balanced Modulator/VCA's, three 4720 VCO's, 4750 Control Oscillator Noise Source, 4730

Filter, 4711 Mixer, two Envelope Generators, Reverb, 4771 Regulated Power Supply and two Module Cabinets, step-by-step assembly instructions and Using manual.

No. 4700/J Synthesizer Kit . . . \$579.00 (shipped freight collect)

P-4700/C & P-4700/J

These P-4700 Series packages have it all together; synthesizer, computer and software ready to load from any cassette recorder and begin playing. Each package includes the synthesizer modules listed above as well as an 8700 Computer/Controller fully loaded with RAM, CS-87 cassette interface and power supply with all required hardware and connectors. Each represents a significant savings when purchased in this package configuration.

Music firmware supplied with the P-4700/C includes the PIEBUG Monitor, and CS-87 tape I/O PROMs, SEQUE 1.0 and Orgasmatronic Glide Software are included.

P-4700/C Computer/Synthesizer Kit . . . \$519.00
(shipped freight collect)

Firmware supplied with the P-4700/J includes: PIEBUG monitor, CS-87 tape I/O and MUS-1 music PROMS; Seque 1.0, Poly Seque, Orgasmatronic Glide, Pink Tunes, Echo and Poly Split Software included.

P-4700/J Computer/Synthesizer . . . \$799.00
(shipped freight collect)

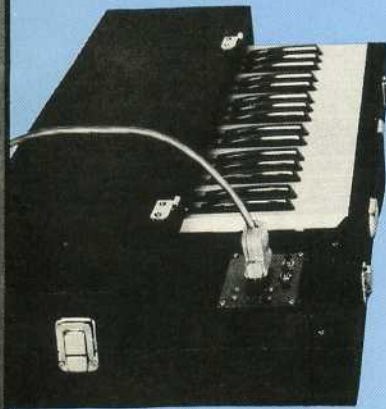
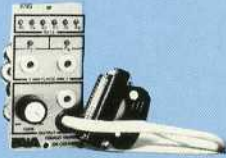
CUSTOM ASSEMBLY AVAILABLE. DETAILS ON PAGE 15.

DIGITAL CONTROL MODULES

8780 & 8781 EXPONENTIAL
DIGITAL TO ANALOG
CONVERTER & QUAD
ADDRESSABLE SAMPLE/HOLD
(page 11)



8700 COMPUTER/CONTROLLER
(see page 8)



8782 DIGITALLY ENCODED KEYBOARD
HAS COMPUTER SPACE RESERVED
(see page 11)



8782 WITH COMPUTER AS FEATURED
IN P-SERIES PACKAGES (tape recorder
not included)



8785 LINEAR DIGITAL TO ANALOG CONVERTER
RETRO-FITS EXPONENTIAL SYNTHESIZERS
TO PAIA DIGITAL (see page 9)

SYNTHESIZERS TO USE WITH
ANY COMPUTER (software
translation required)
OR WITHOUT
A COMPUTER (add
the computer later)



4700/C



4700/J

SEE PAGES 10&11 FOR MODULE DESCRIPTIONS AND SPECIFICATIONS

With PAIA computer-based synthesizers, true polyphonic synthesis is only the beginning because. PAIA equipment allows you to load and run any of a constantly growing number of personality programs including:

POLYPHONIC

MUS-1.0 - a 16 voice polyphonic synthesizer with software transient generators. (firmware PROM)

POLY SPLIT - splits the keyboard into two polyphonic synthesizers with up to 8 voices each.

SEQUENCERS

SEQUE 1.0 - a general purpose monophonic sequencer.

POLY SEQUE - a 4 voice sequencer.

ORGASMATRONIC GLIDE - a fast programming sequencer that plays keys held down (up to 8) sequence up or down.

COMPOSERS

PINK TUNES - composes 4 part harmonies.

PINK FREUD - Composes 4 part canons.

SPECIAL EFFECTS

SHAZAM - Multiple keyboard split and chorusing.

ECHO - much like tape echo, but each iteration can be in a different voice.

WANT TO KNOW MORE?

"FRIENDLY STORIES ABOUT
COMPUTERS/SYNTHESIZERS"
HAS THE ANSWERS.

Mating a computer with an electronic music synthesizer presents almost unlimited possibilities for performer and composer alike, and true polyphonic synthesis is only the beginning. Let us tell you the whole story with this package of off-prints from Polyphony, using manuals and more telling how it works and what it does and why.

I-COMP Friendly Stories
About Computers/Synthesizers

..... \$5.00 (postpaid)



