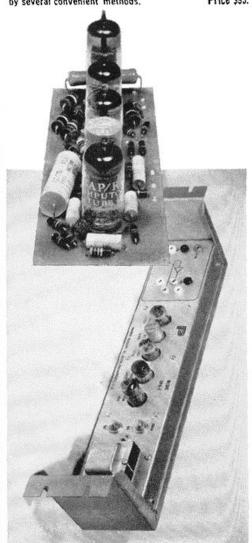
"We insist on the Philbrick amplifier for our new package" says Philbrick

HERE'S PHILBRICK ON PHILBRICK

"We use only the finest components in our products. That's why we insisted on Philbrick's new USA-3 Operational Amplifier as a sub-assembly for our new Analog Package, the UPA-2. We have found it (the USA-3) nifty and thrifty. We recommend it without reservation. And that goes for the UPA-2 - too."

PHILBRICK OPERATIONAL AMPLIFIER ... USA-3

More performance per dollar than any other amplifier. Highly reliable — no electrolytic capacitors or glow tubes. Designed to prevent self-destruction even when the output is grounded. Drift, noise, offset under 100 microvolts. Output is \pm 116 VDC. Wide frequency range—DC to 100kc (attenuance) ation less than 3db) when connected as a gain-of-ten ampli-" x 21/2" printed circuit board mounts by several convenient methods.



PHILBRICK UTILITY PACKAGED AMPLIFIER ...

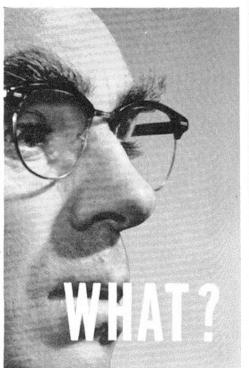
Combines new level of flexibility and convenience. Performance characteristics same as the USA-3 amplifier, the heart of this package. Can drive 12,000 ohm load to 100 volts in either direction. Designed for 3½" rack mounting but can be used equally well as a bench amplifier, or plug-in assembly without modification. Use it for analog computing, measurement and control, continuous data reduction, and many other feedback operations.

Price \$149. and many other feedback operations.

Write for technical literature and advice on your application.

GEORGE A. PHILBRICK RESEARCHES, INC. HUbbard 2-3225

232 Congress Street, Boston 10, Massachusetts THE ANALOG WAY IS THE MODEL WAY Circle 132 on Reader-Service Card



me build my own analog computor?

OFFSTAGE VOICE: Why not? They have computor components you put together easy as building blocks.

OUR HERO: But my ignorance of computor circuitry is vast . . .

OFFSTAGE VOICE: Can you plug in a plug? George does the rest.

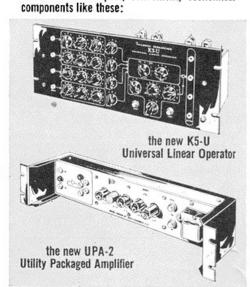
OUR HERO: George who?

OFFSTAGE VOICE: George A. Philbrick Researches, Inc. that's who.

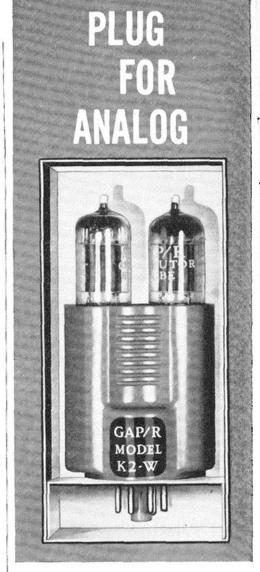
MORAL: For anything in analog, see Philbrick. GAP/R has the world's most complete line of electronic analog computors and components. Write for freely given opinions on individual applications.

GEORGE A. PHILBRICK

RESEARCHES, INC. HUbbard 2-3225 Choose from compact, convenient, economical



THE ANALOG WAY IS THE MODEL WAY Circle 199 on Reader-Service Card



FAST DC AMPLIFIER: Model K2W is an efficient and foolproof high-gain operational unit for all feedback computations, fast and slow. A number of special varieties (524.00)are also in quantity production.



SLOW DC AMPLIFIER:

Model K2-P offers long-term sub-millivolt stability, either by itself or in tandem with the K2-W. High-impe-dance chopper-modulated input. Filtered output to drive bal-ancing grid or follower. (\$60,00)



r

r

1

C

SERRASSOID GENERATOR:

Model K2-G produces a fixed triangular wave of 100 V peak-peak, at 500 kcps. Use it for a quadratic rounding in diode networks, and for many other non-linear recreations. (\$29.00)

PHILBRICK uses these octalplug-in modules, and many others like them, in their standard computing instruments. They are tried and true, compact, convenient, and economical. You too can find profit and happiness with their help.

All K2 Plug-ins run on plus and minus 300 VDC and 6.3 VAC. Socket wiring is simple and standardized. Write for freely given opinons on your applications.

GEORGE A.

PHILBRICK

RESEARCHES, INC. CO 6-53
285E Columbus Ave., Boston 16, Mass.
THE ANALOG WAY IS THE MODEL WAY
VISIT US AT EASTERN JOINT CO 6-5375 COMPUTOR CONFERENCE—BOOTH #35

Circle 256 on Reader-Service Card

NEWS-DECEMBER 1958