

Reprinted from Control Signals

AUTOMATIC CONTROL APP

the size, weight, accuracy and reliability of inertial systems (3 cu. ft., 1 mile of earth's surface and 2000 hours mean between failures) navigators on all scores. Gyros are now precise enough to angle in angle of a 20 foot beam when one end is lifted the on hair's thickness. Star tracking aids to inertial guidance stars in full daylight and even near the sun. The next will be inertially guided, and in time, guidance pack- precision will be available for all types of service.

untapped control market in the auto- techniques and simplified circuitry experimental luxury-type con- collar in the early 1960's: from automobile dash-

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K2-WJ

Now available from PHILBRICK, the K2-WJ, a rugged version of the famous K2-W Operational Amplifier.

Having been in successful laboratory use for nearly a decade, Model K2-W is now available in a new standard alternate form, especially adapted to industrial and military applications. With virtually no change in electrical performance this new unit embodies the following mechanical features:

- ✓ Component parts from the JAN-approved list, including two JAN-type 5751 tubes.
- ✓ Electrical components are mounted on an epoxy glass terminal board.
- ✓ Structural parts are machined aluminum with anodized finish.
- ✓ Connector is an Amphenol Blue Ribbon type.
- ✓ Open frame construction permits optimum ventilation and use of the unit at ambient temperatures higher than possible with the K2-W.
- ✓ Provision is made for securing unit to chassis.

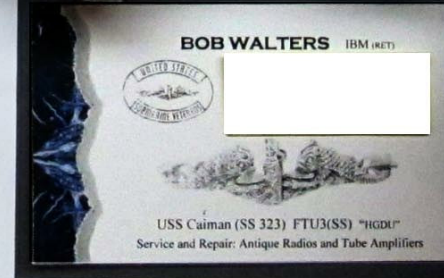
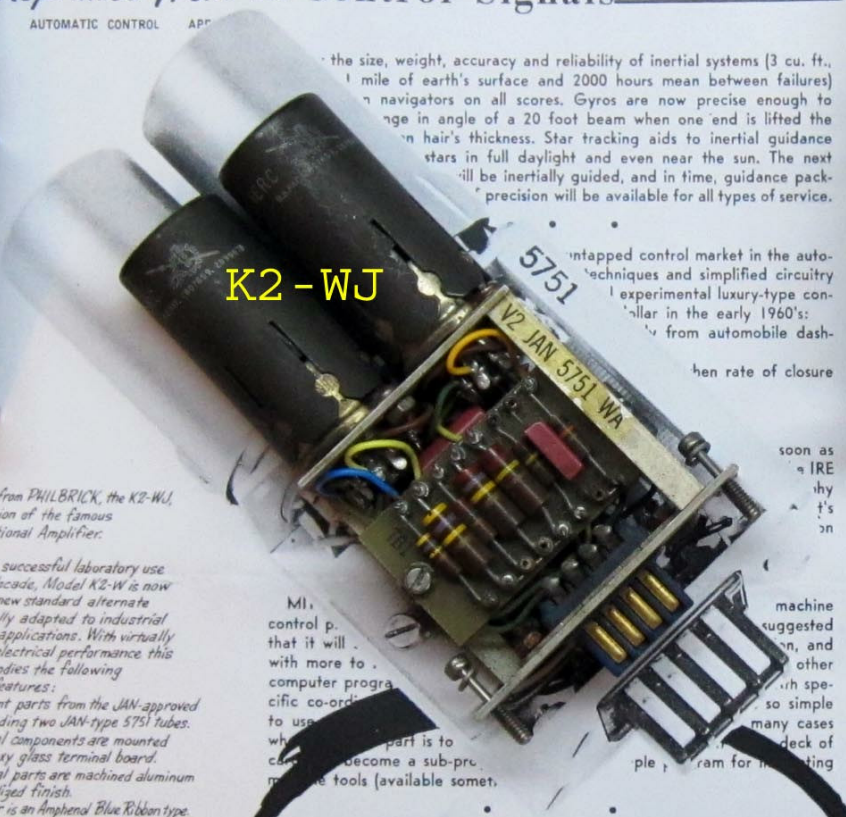
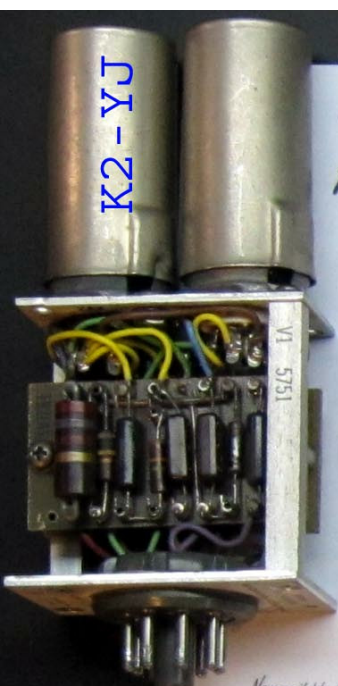
Perhaps this compact, reliable package is the answer to your computation, control, or instrumentation dilemma.

Write, wire or phone PHILBRICK or the nearest sales representative. Ask for details of JAN versions of other PHILBRICK modules.

GEORGE A PHILBRICK RESEARCHES, INC.
285 COLUMBUS AVE, BOSTON 16, MASS.

A new ruggedized version of the well-known Philbrick low cost operational amplifier is being used by Edo Corp., College Point, N.Y., on underwater sound systems for submarines. Costing about twice as much as the regular K2-W units put out by George A. Philbrick Researches, Inc., Boston, Mass., the military "JAN spec." versions indicate that Philbrick has come a long way from its early interest in analogue computing tools for process control studies.

Artificial intelligence is the area of interest of a group of computer and computer scientists now dubbed "the artificial intelligencia." Creating one target of speculation, and the market for machine-made paintings is being led by one gentleman who has acquired a collection of electronically programmed devices. (The devices are programmed to produce derivative and non-representational) center. The human hands, \$1.00 per sq. foot painted on cardboard. The sq. foot painted on quality stretched canvas, ready for framing. Write Bob Walters, 177, N.Y. 25, N.Y.



K2-YJ



USS BLUEBACK SS 581
OMSI PORTLAND, OREGON