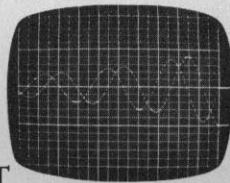


PHILBRICK PRODUCTS & SERVICES FOR SCIENCE & INDUSTRY

MULTI-CHANNEL CALIBRATED DISPLAY SYSTEM for ANALOG COMPUTOR READOUT



A convenient monitor of related variables for analog computing, dynamic testing, and laboratory experiments... This versatile, easy-to-use, and precise oscilloscopic readout instrument will display up to eight separate functions simultaneously in correct absolute time and phase relationship, on an electronically produced and displayed, accurately-set coordinate system, for quick, graph-paper readout of time and voltage.

SYSTEM & INSTRUMENT POWER SUPPLIES



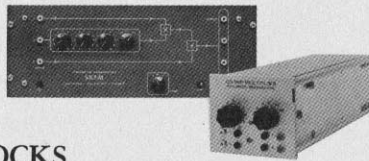
Available in rack, cabinet, modular, plug-in, or build-in form, Philbrick power supplies are precisely regulated and essentially noise-free—typically, regulation (including drift) is of the order of 100 PPM, noise and hum less than 1 PPM, and recovery (to within .001%) from a step-change in load is accomplished in a few microseconds. Standard ratings are compatible with Philbrick (and many other) amplifiers and systems.

OPERATIONAL AMPLIFIERS FOR EVERY NEED



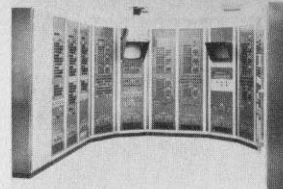
By early 1965, we had shipped approximately 300,000 Philbrick operational amplifiers, the great majority of which are still in frequent if not continuous use. The Philbrick line embraces every major type of operational activator and instrumentation amplifier, in a dozen different forms and in literally hundreds of standard variations.

COMPUTOR & SYSTEM BUILDING BLOCKS



Philbrick equipment for the implementation of both analog and hybrid computers, simulators, and analyzers, includes: arbitrary function generators, universal linear operators, multiplier-dividers, and manifolds of several kinds. (See also the Q3 packaging system, elsewhere on this page.)

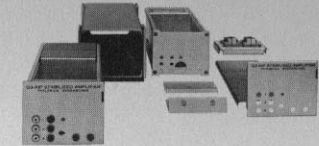
COMPUTATION/ SIMULATION SERVICES & FACILITIES.



Our goal remains unchanged over the years: to marry operational concepts with electronic technology in pioneering new instruments and computing systems. Toward this end, we solicit and welcome the opportunity to consult with you, without charge.

Consulting services on a more formal, fee basis are available at our computing center in Dedham, Mass.

THE Q3 MODULAR PACKAGING SYSTEM



We consider this purely mechanical development to be one of our most important recent contributions to the electronic art. It employs as its modulus an extruded outside shell 4.2" w x 3.5" h x 13" l, into which the modular chassis slides on four rails. These shells may be used individually or permanently joined together both vertically and horizontally to form a matrix of rectangular cells that will stack in locking fashion without being fastened together. Standard front panels, modular chassis, adaptors, and accessories are available.

DOING BUSINESS WITH PHILBRICK...

It is our pleasure to provide sympathetic attention, sound advice, interdisciplinary empathy, and economical implementation, in response to every serious enquiry. You may gain access to this low-pressure data interface through any of the channels listed at the right.

If either the intensity or the magnitude of your problems justifies personal contact with our Applications Engineering staff, you will find us most receptive to marathon telephone conferences. Those whose corporate policy and limited budget prohibit the use of long distance are welcome to phone collect. You are, of course, always welcome at our beautiful new Dedham facility.

DOMESTIC ENGINEERING REPS.

Ala.: Huntsville 205-536-8393; **Ariz.:** Phoenix 602-265-3629; **Calif.:** Los Angeles 213-782-1532, Palo Alto 415-969-9770, San Diego 714-222-1121; **Colo.:** Denver 303-733-3701; **Conn.:** Hartford 203-233-5503, Greenwich 203-661-5140; **Fla.:** Ft. Lauderdale 305-564-8000, Orlando 305-425-5505; **Ga.:** Tucker 404-939-1674; **Ill.:** Chicago 312-676-1100, 312-676-1101; **Ind.:** Indianapolis 317-356-4249; **Md.:** Baltimore 301-727-1999; **Mass.:** Wakefield 617-245-5100; **Mich.:** Detroit 313-838-7324; **Minn.:** Minneapolis 612-545-4481; **Mo.:** Florissant 314-741-3779; **N.M.:** Albuquerque 505-268-3941; **N.Y.:** DeWitt 315-446-0220, Buffalo 716-835-6186, Valley Stream 516-561-7791; **N.C.:** Winston-Salem 919-725-5384, 919-725-5385; **Ohio:** Dayton 513-298-9964, Westlake 216-871-8000; **Okla.:** Tulsa 918-627-6199; **Pa.:** Conshohocken 215-277-0559, Pittsburgh 412-371-1231; **Tex.:** Dallas 214-526-8316, Houston 713-781-1441; **Utah:** Salt Lake City 801-466-4924; **Va.:** Alexandria 703-836-1800; **Wash.:** Seattle 206-723-3320; **CANADA:** Quebec-Montreal 514-482-9750, Ontario-Toronto 416-789-4325.

INTERNATIONAL ENGINEERING REPRESENTATIVES...

U. S. Export Representative: Terminal Radio International, Ltd., 3 West 61st St., New York, N.Y. 10023, U.S.A. Telephone: (212) Circle 6-2133, Cables: TERMRADIO, Telex (overseas): TRIL 224326.

In Western Europe: AUSTRIA, International Engineering Service, A-1130 Wien, Telephone: 82 46 732. BELGIUM, C. N. Rood s.a., Brussels 4, Telephone: 02-35.54.79, 02-35.53.40. DENMARK, J. Arndt Jensen, Allerød, Telephone: (03) 27 29 29. ENGLAND, A. E. P. International Ltd., Isleworth, Middlesex, Telephone: ISLeworth 7447. FRANCE, Imex France, Montreuil, Seine, Telephone: 808.19.20. HOLLAND, C. N. Rood n.v., Rijswijk (Z.H.), Telephone: 98.51.53. ITALY, dott. Gigi Gallo Gorgatti, Milan, Telephone: 890.040, 870.725; Rome, Telephone: 655.747. NORWAY, Morgenstjerne and Company, Oslo, Telephone: 429993. SWEDEN, Svenska AB OLTRONIX, Stockholm-Vällingby, Telephone: 87 03 30. SWITZERLAND, Baerlocher a.g., Zurich 5, Telephone (051) 42 9900. W. GERMANY, Knott Elektronik, 8021 Hohenschäftlarn bei Muenchen, Telephone: Ebenhausen (08178) *3754.

In Other Areas of the World: ARGENTINA, Rayo Electronica s.r.l., Buenos Aires, Telephone: 38-1779, 37-9476. AUSTRALIA, Sample Electronics Pty. Ltd., Richmond, Victoria, Telephone: 42 4757. NEW ZEALAND, Sample Electronics (N.Z.) Ltd., Onehunga, Auckland, Telephone: 567-356. INDIA, Electronic Enterprises, Bombay 4, Telephone: 75376. ISRAEL, Landseas (Israel) Ltd., Tel Aviv, P.O.B. 16166, Telephone: 244311-2. JAPAN, Toyo Trading Co., Ltd., Chuo-ku, Tokyo, Telephone: 279-0771; Higashiku, OSAKA, Telephone: 251-1271.

PHILBRICK RESEARCHES, INC.

Allied Drive at Route 128, Dedham, Massachusetts 02026
Telephone 617-329-1600 TWX 617-326-5754

