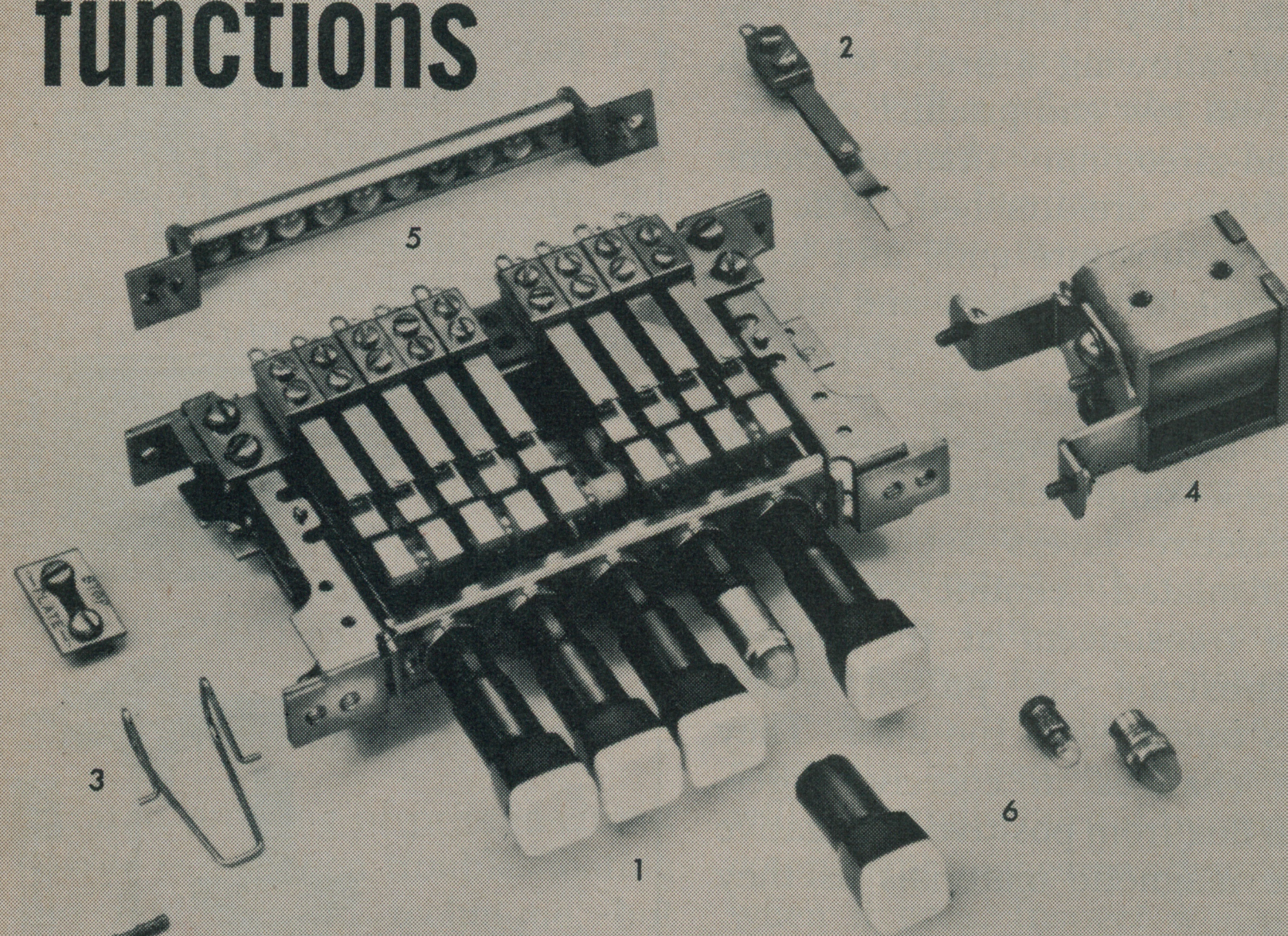


the only switch with **CHANGEABLE** functions



SWITCHCRAFT "MULTI-SWITCH"® SWITCHES

Multiple Station Pushbutton Switches

this is all you need!

The ultimate in dependability, simplicity—and versatility. Switchcraft's exclusive Componentized design gives you complete control over functions and operating characteristics . . . switches "grow" with the job, functions can be changed at any time—even in the field. Ideal for prototypes, R & D models . . . unsurpassed for production models whether switch functions are permanent, semi-permanent, expandable, add-on, or where unit should have re-claimable components. Since the multitude of possible functions are too numerous to mention here, such as electronic lock-up, push-lock/push-release, programming of switches, neon lighting, etc., only the basic switch functions are listed below to illustrate how Componentized design works:

1. **BASIC FRAME.** From 1 to 37 stations in one row! Or up to 100 stations or more in ganged assemblies. Rugged; heavy gauge welded steel. Illuminated (6V or 28V) or non-illuminated pushbuttons.
2. **STACK SWITCHES.** Up to 16 switching circuits activated by any one station . . . up to 4 switching stacks per button. Long-life contacts (choice of palladium or gold) . . . famous Switchcraft quality throughout. Completely changeable, too.
3. **LATCH SPRING, STOP PLATE AND PIN.** Enable you to set up switches for 1. Interlock, 2. Non-Lock, 3. All-Lock, 4. Interlock and Non-Lock combinations, 5. All-Lock and Non-Lock combinations. And, all modes of operation are readily changeable. Also available in Push-Lock/Push-Release.
4. **SOLENOID.** For automatic remote release of depressed buttons.
5. **LOCK-OUT BAR.** Prevents 2 buttons from being depressed simultaneously.
6. **BUTTONS & LAMPS.** Replaceable from front of panel. Square, round; illuminated, white, colors; blank, numbered, lettered—you name it!

Whether you need a multiple pushbutton switch for launching missiles or "automating" drive-ins, investigate Switchcraft Componentized "Multi-Switch"® switches—for reliability and versatility.

For complete details write for Engineering Specification Catalog No. S-306 or see your local Switchcraft Authorized Industrial Distributor for immediate delivery at factory prices.

SWITCHCRAFT®

5561 Elston Avenue, Chicago, Illinois 60630

Canada: Atlas Radio Corp., Ltd., 50 Wingold Ave., Toronto, Ontario, Canada

U. S. Reports

choice. But since large numbers of AADC's would replace as many as 35 separate mainframe types, the Navy is scouting for a second source and soon may announce a contract for development of another memory similar to Soniscan or for a Soniscan back-up protection capability.

The Navy compared core, planar wire, film, and semiconductor memories with Soniscan. The Soniscan entry, at least in the form wanted by the Navy, led the pack in potential bit storage capacity and in packing density at 5,000 bits per cubic inch.

For the record

Watch your step. Alarmed by reports that microwave oven emissions can disrupt heartbeat-regulating pacemakers, the government has launched a study of the design of the medical devices. The object is to find out from manufacturers how much emission a pacemaker can handle, and at what distance. The study is under the auspices of the Bureau of Radiological Health, the Department of Health, Education, and Welfare.

Market. The recent FCC ruling that cable tv operators originate programming as of Jan. 1, 1971, has spurred at least five set makers to rush inexpensive color cameras to the market. During the past six months, cameras costing from \$6,700 to \$10,000 have been brought out by RCA, Hitachi, the International Video Corp., Sony, and the Shibaden Corp. of America. And RCA has just signed a deal with the TelePrompTer Corp. to deliver \$1 million worth of cameras and other studio equipment to the cable operator.

Big hop. Due to fly this month is an experimental satellite called OFO (for orbiting frog otolith). The principal experiment: to learn how a frog's inner ear nerve mechanism adapts to zero G. It's being managed by the Space General division of the Aerojet General Corp. in Azusa, Calif.