

RUGGEDIZED INNOVATION

Customized Human-Machine Interface Products for
Industrial Equipment & Control Systems

ENERGY:

Alternate & Sustainable/Nuclear/Fossil

INDUSTRIAL CONTROLS:

Refineries/Process Automation

SPECIALIST AUTOMOTIVE & TRANSPORT:

Mining, Heavy Machinery/Cranes/Materials Handling,
Railways, Track Control/Locomotive and Railcar Control

safe. reliable. efficient.

Staco's ruggedized products are engineered for hazardous and harsh environments. Like yours.

SWITCHES

Staco's lighted pushbutton switches and indicators are built to meet the most rugged specifications. They provide a wide selection of circuitry control capabilities and display screen combinations.

Staco's broad line of qualified switches and indicators provide control systems designers with the right choice to meet the demanding requirements of today's power and process plants.



Series 40

Series 40: Nuclear Qualified

Staco's **Series 40** switches are qualified to IEEE Standards 323-1974, 344-1975, and 381-1977 and TVA 2200 appendix "C". The nuclear environmental test program includes thermal aging, cyclic, seismic (fragility and generic) endurance tests. By eliminating the need to retest and re-qualify specific switch/indicators for specific installations, our customers save significant time and money by choosing our switch options.



Series 50

Series 50: Harsh Environments

Staco's **Series 50** drip-proof switches and indicators are designed for installations that may be exposed to various types of moisture, debris, oil and solvents. The design of the captive rubber seal allows unrestricted movement of the pushbutton for switch actuation. There is no increase in operating force nor does the rubber seal hamper the front release feature of Staco's latch lever design. All Series 50 switches meet or exceed the requirements of MIL-STD-108E of MIL-S-22885.



DATA ENTRY SYSTEMS

Staco's customized keyboards are designed to meet stringent certification requirements for environmental, electrical, electromagnetic interference, and flammability. Many units are waterproof, environmentally sealed and chemical resistant.

Options

We design solutions to fit your application. Among the many options available are colored backlighting, custom shape enclosures, custom keycap/print legends, branding, signal interface (I/O), and accessories/stand-alone pointing devices.

NEMA 4 Water Resistance

Staco's **M879** keyboard is watertight sealed, dust proof, meets a NEMA 4 water resistance rating and is built with elastomer for optimal sealing. It has an integrated touchpad, dimmable RED LED backlighting, and is wipeable for easy clean-up.



SUBSYSTEMS

Every Staco solution integrates our core expertise in optics, electrical and mechanical design, mechanical packaging, and human factors.

Staco offers complete **customizable or built-to-print** sub-assemblies for your specific applications. With the design, manufacturing and supply chain management proficiency to coordinate and integrate numerous components, Staco can help you focus on your core competencies and keep your production on time and on budget.

Acceptance Testing

Staco provides full life-cycle support, including **pre-testing** of all sub-assemblies at our 40,000 square foot manufacturing facility in Irvine, CA, ensuring their performance and quality before they arrive at your door.

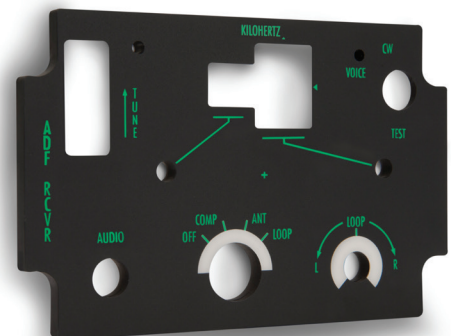


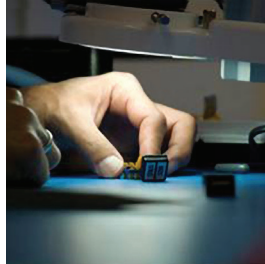
ILLUMINATED PANELS

Staco's premium illuminated panels are the toughest, most advanced on the market. They're able to perform in **any environmental condition**. The patented, durable, polymer material surface and legends **will never wear out**, eliminating repairs and reducing life-cycle costs. Proprietary optical characteristics allow for state-of-the-art design capabilities in a panel display.

Premium or Painted

Staco also offers traditional painted panels where the need for premium features may not apply.





Every Staco solution integrates our core expertise in optics, electrical and mechanical design, mechanical packaging, and human factors, plus more than 55 years of experience.

Staco Systems headquarters is in Irvine, California, with international sales offices in Australia, and the United Kingdom.

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