



High-Reliability Interface Products and Electromechanical Assemblies



WHITE ELECTRONIC DESIGNS



Manufacturers & organizations are seeking a source to provide cost-effective production and procurement alternatives to:

- Locate suppliers for new assembly designs
- Subcontract the maintenance of legacy products
- Reduce overhead expenses
- Free up valuable resources

The search is over. White Electronic Designs Corporation's (NASDAQ: WEDC) Fort Wayne, Indiana facility designs and manufactures sophisticated interface devices and complete electromechanical assemblies that elegantly integrate quality, precision and performance. Our history of providing technology leadership in some of the world's most challenging environments enables us to deliver interface devices and electromechanical assemblies that minimize your risk and maximize your investment.

Providing The Basis To Meet Your Requirements And Expectations

Our capabilities range from precision mechanical assemblies to highly complex electromechanical, electronic and interface assemblies. Whether in need of a stand-alone terminal with microprocessor-based keyboard display unit or a front panel assembly including switch panels, displays and encoding and drive electronics, we have the experience and expertise to design, develop and deliver to your exact specifications. Our Fort Wayne, Indiana facility can implement build-to-print and design-to-specification projects for:

- Integrated switch panels and keyboards
- Front panel assemblies
- Complete devices

Integrated Switch Panels & Keyboards

Our keyboard and panel assemblies employ leading-edge technologies in switching, lighting and displays to support a range of diverse applications.

Additional feature include:

- Environmentally sealed switch elements
- Conductive elastomer keypads
- Graphics/EMI shielded overlays
- Illuminated key/panel legends utilizing incandescent, electroluminescent, fiber optic or LED backlighting



- Background lighting color customized with ring filters, dyed lamps or in-house toning process
- Efficient front or rear lamp replacement
- NVIS compliance per MIL-L-85762A
- Secure lighting for ground-based equipment
- Sunlight readable, dead front, custom backlit switches

Front Panel Assemblies

We also offer integrated interface systems that elegantly combine ruggedized keyboards with:

- Integrated AMLCD, LCD and LED with line selectable buttons
- Customized filtering and window coatings to control glare, reflectivity and EMI
- Touch screen panels
- Night Vision Imaging System (NVIS) lighting built and tested to MIL-STD-3009

Complete Devices

Complete devices combine all of our capabilities to deliver a complete package. These devices are smart turnkey subsystems, designed to interface with existing or new equipment for commercial, industrial or defense/aerospace applications including:

- Microprocessor boards decoding and I/O management
- MUX inputs
- ARINC and MIL-STD-1553 interfaces
- Customer specified protocols



Accurate Interpretation. Exceptional Execution. Real Results.

Our unique ability to accurately interpret customer requirements allows us to offer the highest quality and most cost-effective solutions for OEMs in commercial, defense and aerospace markets.

Though we are still considered a small business, our heritage, expertise and quality is on par with Fortune 500 companies. We leverage our corporation's collective knowledge, experience, capabilities, resources, and products to create the optimum solutions – solutions that incorporate our commitment to support long-term, multi-year programs through exceptional customer service and support.

To deliver build-to-print and design-to-specification projects, we offer a complete, vertically integrated, precision machine shop and have design, engineering and test facilities to ensure we meet your individual quality and performance requirements. Our manufacturing, testing and product assurance capabilities include:

Manufacturing:

- Machine shop: Lathes, screw machines and mills
- Precision gear hobs and boring
- Finish capabilities: Paint, iridite, passivate, and black oxide

Testing:

- Precision assembly and test
- Environmental and ESS testing
- State-of-the-art Photometric testing
- NVIS per MIL-STD-3009
- Complete conformance testing of each unit prior to delivery

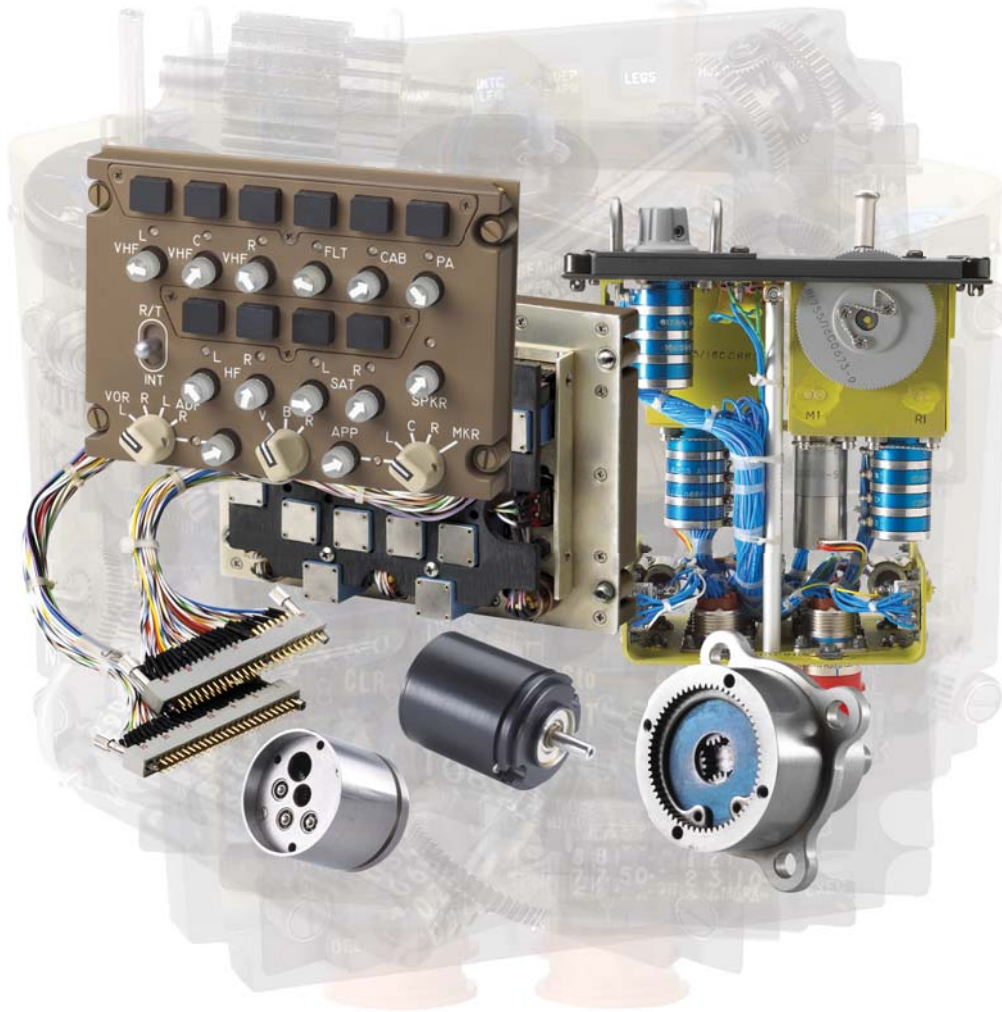
Product Assurance:

- AS 9100/ISO 9001 Registered
- Calibration compliance to ISO 10012
- ESD Controls – Reference ANSI/ESD-S20.20 and ANSI/ESD-S541

Whether you need us to design the product from the ground-up or our expertise to integrate multiple components into a finished assembly, we work to deliver reliable, tested and innovative electronic products and assemblies.

White Electronic Designs Fort Wayne, Indiana facility — your source for build-to-print mechanical, electromechanical & electronic assemblies and high-reliability interface products.





WHITE ELECTRONIC DESIGNS

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