



New England Keyboard, Inc.

Quality Custom Keyboards

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New England Keyboard, Inc. (NEK) is an ITAR registered U.S. manufacturer with on-staff Electrical, Material, Mechanical, and Quality Engineers. At our factory in Fitchburg, Massachusetts, we have complete screen printing, die cutting, laser cutting, PCB wave solder and SMT, cable assembly, and adhesive membrane switch assembly capabilities. Using our U.S. facilities and/or our 34 ITAR licensed factories in Taiwan, we can design and manufacture any of the following products and components:

- Custom membrane keyboards, keypads, and key panels
- Handheld terminals with custom electronics
- Molded silicone rubber keyboards: Backlight, Encap, and Plas series, Duracoat PU coating, gold plated metal contacts
- Molded and die cut rubber components, shock absorbing skins
- Full travel and discrete switch keyboards
- Custom wire cable assemblies
- Custom FFC and Kapton® cables, PCBs, rigid-flex and flex PCBs and populated assemblies
- Bare and populated G-10, FR-4 PCB assemblies
- Custom LCD displays: backlighting, heaters, etc., glass only, complete module
- Touch screens: analog, matrix, capacitive, with or without assembly to display
- Custom molded plastic components with or without EMI conductive spray, double shot, electroplating, vacuum metalizing, painting, print, etc.
- Flat panel heaters, ITO and resistance wire types, with and without sensors
- Custom conductive shielded lens, ITO and embedded mesh types to meet Mil. Standard 461E, laser cut clear and colored acrylic lenses
- Custom cast aluminum enclosures and components, painting, print, etc.
- Screen printed and digitally printed labels and appliqué

- Die cut components and gaskets, shielded, unshielded, laser cutting
- Form in place conductive and non-conductive silicone gaskets
- Custom Electroluminescent and Fiber Optic Panel backlighting
- Custom electronics design
- In-mold decoration (IMD) keypads and other products
- Partial or complete turnkey assembly and test