

**XE**® ESSEX  
ELECTRONICS  
INCORPORATED



**1-800-KEYLESS**  
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ESSEX ELECTRONICS INCORPORATED

1130 Mark Avenue • Carpinteria, CA 93013 (805) 684-7601 • Fax (805) 684-0232 • 1-800-KEYLESS Made in USA

[keyless.com](http://keyless.com)



# SUPERIOR KEYPADS



- Extremely Reliable Performance – Tested Over 1 Billion Cycles
- Completely Weatherproof – 100% Relative Humidity
- Vandal Resistant Design – Armored Protection
- No Moving Parts – Essex Proprietary Piezoelectric Technology
- 5 Year Limited Warranty – Performance Assurance
- Nothing to Replace – Nothing to Wear Out
- Tolerate any Environment – Indoor, Outdoor, Harsh, High Use...
- Flexible Design – Industry Standard and Custom Outputs Available
- Field Programmable – Selectable Input Voltage of 5 or 12 Volts
- Workaholics – Consistently work over 100 times\* longer than conventional Keypads

\* Conventional Keypads have been tested up to 10 million cycles (at best)



# ESSEX ELECTRONICS: THE KEYLESS COMPANY

For over 25 years, Essex Electronics has researched, developed and manufactured a unique Keypad utilizing a proprietary piezoelectric technology. The result is a virtually indestructible, hermetically sealed, completely weatherproof Keypad containing no moving parts. This innovative design ensures performance and reliability under the most extreme environmental conditions.

Essex Keypads have been tested over 1 Billion cycles and they simply won't fail. Consistently working over 100 times longer than traditional membrane, conductive rubber and mechanical switches. This proven design guarantees dependable operation and eliminates costly service calls and unnecessary product replacements.

With over 1,000,000 systems in operation, Essex has established a worldwide standard in reliable, solid state, industry standard Keypads, Key Switches and Keyless Entry® Access Control systems.

## DEDICATION TO QUALITY

Essex Electronics has gained the reputation for manufacturing superior quality products. This reputation has been achieved by continually improving our production process and by utilizing highly trained, motivated employees whose attention to detail and pride of workmanship supports our primary objective. This dedication to quality is confirmed by average annual returns, which for the past decade has run less than 1/2 of 1%.

***"Our commitment is to provide quality products and service which exceed customer expectations."***



### On Cover

#### Top row left to right:

- 12 Pad 3x4 w/ Brass Finished Bezel
- 12 Pad 3x4 w/ Black Bezel
- 12 Pad 3x4 w/ Stainless Bezel
- KE-1600 Series w/ Horizontal Black Overlay

H: 5 1/8" x W: 3 3/8" x D: 7/16"

H: 1" x W: 5" x D: 1/2"

#### Bottom row left to right:

- KP-5SLR Stainless Braille 5 Pad w/ LED

H: 6 5/8" x W: 2 1/4" x D: 1/2"

- Thinline 2x6 w/ Stainless Overlay

H: 7 1/8" x W: 1 3/4" x D: 3/4"

- KP-5SI Stainless Illuminated 5 Pad

- KP-5DI Duranodic Illuminated 5 Pad

H: 6 1/2" x W: 1 1/2" x D: 7/8"

- SKE-6LI Self Contained w/ Illuminated Black Overlay

H: 7 1/8" x W: 1 3/4" x D: 3/4"

- KP-5SL Stainless Steel 5 Pad w/ LED

H: 6 5/8" x W: 2 1/4" x D: 1/2"

Essex Electronics Keypad Switch Life: Over 1 Billion Cycles  
Keypad Operating Environment: 100% Relative Humidity -40°C to +70°C (-40°F to +160°F)  
Keyless Entry is a registered trademark of Essex Electronics, Inc.

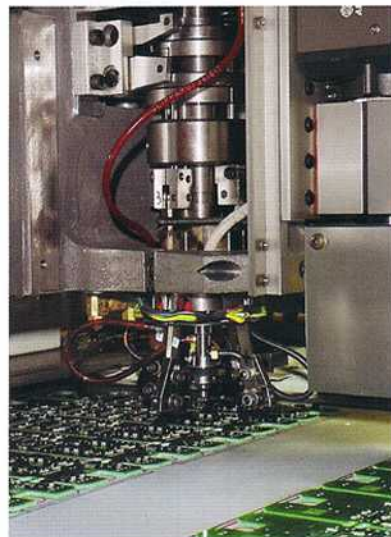


## PRODUCTION CAPABILITIES

Essex Electronics has fully integrated electronics manufacturing capabilities including through hole assembly and automated surface mount assembly. One primary advantage of in house assembly is the flexibility in scheduling shorter production runs thereby reducing lead times of standard and special order product.



During one of the final stages of production, Essex performs an encapsulation process on each Keypad. This process seals the Keypad circuit assembly, protecting the integrity of the circuit against the elements in even the most demanding environments.



In addition to manufacturing virtually indestructible Keypads, Essex has developed a number of versatile Keyless Entry® systems designed to provide reliable access control solutions for a variety of residential, commercial, elevator and vehicle applications.

## CUSTOMER & TECHNICAL SUPPORT



"At Essex Electronics, our commitment to quality extends beyond the products we manufacture. Every day we continuously strive to exceed customer needs by providing access to our experienced team of one on one technical support and customer service representatives."

### Corporate Headquarters

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