

# Locked Out?



**Dual Technology  
Keyless Entry®**



# No Worries...

## **The Essex KE-1600 Series**

With the Essex KE-1600 Series, you will never have to face that problem again. Imagine being able to lock and unlock your car, truck, van or practically any vehicle without using your keys.

### **THE KE-1600 SERIES MAKES IT POSSIBLE**

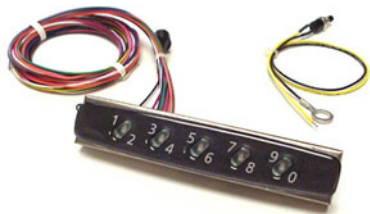
To unlock the door, simply enter your personalized 3 to 8 digit access code at the Keypad (a remote Keyless Entry option is also available). Once a valid code is entered, trailing digits can be used to open the trunk, vehicle storage compartment or operate any electrically controlled auxiliary device. Need to give someone access to your vehicle? Up to 5 user codes can be easily programmed at the keypad to give permanent or temporary access to family or friends.

Total control at your fingertips...

- Dual Technology System – Virtually Indestructible Keypad and optional Remote Keyless Entry.
- 3 Auxiliary Outputs – Open the trunk, storage compartment or activate an auxiliary device.
- Multiple Access Codes – Easily program up to 5 User Codes from the Keypad.
- Illuminated Keypad – Lights at first touch for nighttime convenience.

**XE** ESSEX  
ELECTRONICS  
INCORPORATED  
1-800-KEYLESS [keyless.com](http://keyless.com)

## KE-1601



The KE-1601 is a virtually indestructible, self-contained Keypad Keyless Entry System.

## KE-1602



The KE-1602 is a virtually indestructible keypad and independent control module with built in relays.

## KE-1604



The KE-1604 includes a KE-1601 self contained keypad and a Remote Keyless Entry System.

### KE-1600 Series Features

- **6 Codes**  
1 Master Code, 5 User Codes
- **Variable Length Codes**  
3 to 8 Digits
- **Easy to Program**  
Add or Delete User Codes at the keypad
- **3 Auxiliary Outputs**  
To open a trunk, storage compartment or activate an auxiliary device
- **Illuminated Keypad**  
Lights at first touch for nighttime convenience
- **Tamper Alarm**  
Multiple entries trigger a tamper alarm and system lock out for 30 seconds.

### KE-1604 Additional Features

In addition to the features listed above, the KE-1604 provides:

- **5 Channel Remote Keyless Entry System**  
Lock/Unlock Door and activate three additional auxiliary outputs
- **Two 4 Button Remote Key fobs**  
Activate Lock/Unlock and auxiliary outputs up to 100 feet away from vehicle
- **Code Learning Technology**  
Receiver can learn up to 4 different remotes
- **Secure Code Technology**  
Each Remote has its own coded frequency to ensure your vehicles protection (> 16 million code combinations)

### KE-1600 Series Specifications

- **Keypad Input Requirements**  
12 VDC
- **Keypad Current Draw**  
<15 mA Standby  
**KE-1601/KE-1604:** 60 mA Maximum  
**KE-1602:** 100 mA Maximum
- **Keypad Outputs**  
**KE-1601/KE-1604:** Seven ¼A Grounding\* for Lock/Unlock, Dome Light, Arm Enabling and Auxiliary Devices (\*may require relays)  
**KE-1602:** Two SPST 6A Relays for Lock/Unlock  
One SPST 5A Relay for Dome Light  
Four ¼A Grounding\* for Arm Enabling and Auxiliary Devices (\*may require relays)
- **Keypad Switch Life**  
> 1 Billion Cycles
- **Keypad Operating Environment**  
-40° F to 160° F (-40° C to +70° C)  
100% Relative Humidity
- **Keypad Dimensions**  
H: 1" x L: 5" x D: ½"
- **Control Module Dimensions (KE-1602)**  
H: 3" x L: 5" x D: 1"

### KE-1604 Additional Specifications

In addition to the specifications listed above, the KE-1604 provides:

- **Remote Keyless Input Requirements**  
12 VDC
- **Remote Keyless Current Draw**  
<10 mA Standby, 50 mA Maximum