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# Vehicle Keypad Locks

## Product Overviews & User Guides



**AKE-5**  
Keyless Vehicle Entry System



**KE-1701**  
Keypad Vehicle Entry System



Vehicle Keypad Locks

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# Vehicle Keypad Locks

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Vehicle Keypad Locks

Section: AKE-5 Keypad Vehicle Entry System for Cars

## AKE-5 Keypad Vehicle Entry System for Cars

### Product Overview

The AKE-5 Keyless Vehicle Entry System is a state-of-the-art device, specifically designed to give you easy and secure access to your vehicle.

Essex Electronics is the company that invented the original Keypad Entry System for Ford Motor Company over 25 years ago and they are still making them today.

A keyless entry system for virtually any vehicle with power door locks!



Never again worry about stolen keys or locking your keys in your car!



**AKE-5**  
Keyless Vehicle Entry System

### Details

1. Installs on virtually all automobile makes and models
2. No moving parts on the lock
3. Completely weatherproof and virtually indestructible
4. Illuminated keypad lights up at first touch for easy night-time use
5. Can have up to 5 access codes for family/friends
6. Access codes can be anywhere between 3 to 8-digits long
7. Easily programmed on the keypad
8. Remote key fob is available as an option
9. Up to 3 auxiliary outputs can be used to open a trunk, storage compartment, or activate any electrically-controlled auxiliary device
10. 100% bump-proof and cannot be picked
11. Comes with a 3-Year Warranty from manufacturer



Vehicle Keypad Locks

Section: AKE-5 Keypad Vehicle Entry System for Cars

### 3 Security Levels

1. **Low Level:** locks door and activates 3-digit convenience code (if enabled). When activated, the convenience code requires only the first 3 digits of any valid access code to gain entry
2. **Medium Level:** locks door, enables the armed state, and deactivates the 3-digit convenience code
3. **High Level:** locks door, enables the armed state, activates the keypad security display (keypad lights flash momentarily every 15 seconds), deactivates the 3-digit convenience code

### This product is *All-American!*

It is manufactured, distributed, sold, supported, and warranted in the United States by Essex Electronics, a USA company.

Essex keypads have been tested with over one billion cycles and they will not fail. They consistently perform 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.



**AKE-5  
Keyless Vehicle Entry System**

### Features

<b>Up to 6 Access Codes</b>	<ul style="list-style-type: none"> <li>• 1 Master Code</li> <li>• 5 User Codes</li> <li>• All codes range from 3 to 8 digits in length</li> </ul>
<b>Illuminated Keypad</b>	Keypad lights at first touch. Choice of Brilliant.Blue™ or Radiant.Red™ illumination.
<b>Tamper Alarm</b>	Multiple incorrect entries trigger Tamper Alarm, locks out system for 30 seconds, and flashes the dome light.
<b>Easily Programed</b>	Add, Modify or Delete Users easily from the keypad
<b>Vandal Resistant Design</b>	Fully encapsulated, back mounted, piezoelectric keypad
<b>Optional Remote Keyless Entry</b>	<ul style="list-style-type: none"> <li>• 5-Channel Remote System with two 4 button key fobs</li> <li>• Each remote has its own coded frequency to ensure your vehicles protection</li> <li>• over 16 million code combinations</li> </ul>



## Vehicle Keypad Locks

## Section: AKE-5 Keypad Vehicle Entry System for Cars

### Specifications

<b>Power Requirements</b>	12V DC		
<b>Outputs</b>	<ul style="list-style-type: none"> <li>• Seven ¼ A grounding outputs for lock, unlock, dome light, arm enabling and auxiliary devices</li> <li>• 3 auxiliary outputs to open a trunk, storage compartment or activate an auxiliary device</li> <li>• NOTE: your vehicle may require external relays to control certain devices</li> </ul>		
<b>Current Draw</b>		Standby	Maximum
	Keypad only	< 15 mA	75 mA
	Keypad with remote	< 25 mA	100 mA
<b>Keypad Switch Technology</b>	Solid state piezoelectric with no moving parts		
<b>Keypad Operating Environment</b>	<ul style="list-style-type: none"> <li>• - 40° F to + 160° F</li> <li>• - 40° C to + 70° C</li> <li>• 100% relative humidity</li> </ul>		
<b>Keypad Switch Life:</b>	Over 1 Billion Cycles		
<b>Keypad Memory:</b>	Non-volatile memory retains codes and programming in the event of a power interruption		
<b>LED Colors</b>	<ul style="list-style-type: none"> <li>• B – Brilliant Blue</li> <li>• R – Radiant Red</li> </ul>		
<b>Mounting Orientations</b>	<ul style="list-style-type: none"> <li>• H – Horizontal</li> <li>• V – Vertical</li> </ul>		
<b>Optional Add-Ons</b>	<ul style="list-style-type: none"> <li>• RK – Remote Keyless Entry Kit with keypad, receiver, 2 key fobs, and cable</li> <li>• DG – Drill Guide Heavy-duty aluminum with pre-drilled holes; includes mounting hardware; can be used over and over; makes installation fast, easy &amp; perfect the first time!</li> </ul>		



Vehicle Keypad Locks

Section: AKE-5 Keypad Vehicle Entry System for Cars

Options (Visually)

## AKE-5 Vehicle Keypad Entry System

Horizontal Keypad with Radiant Red LEDs



## AKE-5 Vehicle Keypad Entry System

Horizontal Keypad with Brilliant Blue LEDs  
with Remote Keyless Entry System





Vehicle Keypad Locks

Section: AKE-5 User Guide

## AKE-5 User Guide

### 1. Frequently Asked Questions

- **How do I unlock my vehicle?**

Your new system is so easy to use. Simply enter your personal three to eight digit code on the keypad and the door unlocks.

- **How do I lock my vehicle?**

To lock the vehicle door from the keypad, simply enter Lock Code 559.

- **How can I remember my code?**

If you are worried about remembering your code, simply change the code to a number you already know such as your phone number, birth date or anniversary.

- **How can I change my code?**

Simply follow the few easy steps listed under changing the Master User Code, or call the installer that put the system in your vehicle for a service call.

We know you will enjoy the worry-free convenience of the Essex Keyless Entry Keypad System – no more keys or key fobs to lose or lock in the vehicle. For further peace of mind, your system also provides memory for 5 Optional User Codes that can be added, changed, or deleted to allow a family member, friend, valet, or mechanic temporary access to the vehicle without having to give out your Master Code.

### 2. How it Works

The Essex Keyless Entry Keypad system is designed to provide a convenient method to safely and securely enter your vehicle without using keys or key fobs. You can also use the keypad to unlock the trunk, open the windows or sunroof, or to actuate other accessories. If your vehicle is equipped with an alarm system, it will be disarmed when you enter a valid entry code. If your vehicle has a key fob system as well, you can use it or the keypad, whichever you prefer, or whichever is more convenient at the moment.

When you first touch the keypad the keys light up. When you enter your code the door unlocks and the vehicle's interior safety light goes on (if connected by your installer). Each time you press a key successfully the keypad beeps and blinks. If you accidentally make an error during code entry, simply start over with the correct code.

If you want to unlock a power actuated trunk simply press the 7/8 Key on the keypad within 5 seconds of entering a valid code. If you wait until the double beep, or until the keypad lights go out, you will have to start over by entering your personal user code plus the 7/8 Key (or 3/4 Key, or 9/0 Key, depending on how your installer has connected the three Auxiliary Outputs) to open the trunk or actuate another accessory. If 25 invalid digits are pressed in sequence, the system locks out code entry and activates the code tamper alarm by sounding a steady tone and flashing the interior and keypad lights for approximately 30 seconds. Once the alarm stops, you can enter a valid user code to unlock the vehicle.





### 3. Using Codes

There are two types of Codes available in the AKE-5: The Master User Code (1) and Optional User Codes (5). The Master User Code operates all functions available in the system plus allows you to add, change, and delete Optional User Codes.

#### How to enter the Master User Code

A. To Unlock the vehicle simply enter your 3 to 8 digit Master User Code

Note: The Factory Default Master User Code is 1 3 5 7 9. You or your installer should change this immediately to a personal 3 to 8 digit code. Try using a 7 digit phone number for your new Master User Code.

Note: The keypad on the AKE-5 has 5 keys. Each key represents two digits. The first key can be used as either or both the numeral 1 and the numeral 2 when you are entering a code.

Example: The Factory default Master User Code can be described as 1 3 5 7 9 or as 2 4 6 8 0. To the system they are the same 5 digit code. If you want a 1 or a 2 in your Master User Code or in an Optional User Code use the first key to represent both numbers.

#### How to change the Master User Code

A. Locate and press the System Programming Switch

4 Rapid Beeps will sound and you will have 2 minutes to start programming the system.

B. Enter 1 1 1 9 on the keypad

3 Rapid Beeps will sound

C. Within 5 seconds of the 3 Rapid Beeps start entering your new 3 to 8 digit Master User Code.

Now wait 5 seconds and listen for 3 Rapid Beeps. You're done! Try the new Master User Code and the door will unlock. If it doesn't, please read the following paragraph to see if you made an error or skipped a step while programming.

Note: When using or programming your system you must make each keystroke within 5 seconds of the previous keystroke or the system will timeout and reset to normal operation. 2 Rapid Beeps signal system reset. If the system resets before you have completed changing the Master User Code, you must start over by pressing the System Programming Switch. 1 Long Beep signals an error has been made during the programming sequence. Don't worry. Start over by pressing the System Programming Switch.

#### Code Padding

If you feel you are being observed when you enter your code on the keypad you can "pad" your code by entering several random digits before you enter your actual code and still have the door unlock. For instance, if your code is 1 3 9 1 you can enter 5 7 1 3 9 1 and the door will unlock.

#### What code combinations are restricted

Codes 559, 557, and 555 are pre-assigned as Lock Codes. There is no harm if everybody knows the Lock Code. However, you can't change a Lock Code so you can't use 559, 557, or 555 as the Master User Code or as an Optional User Code.

Furthermore, you may not program a new Master User Code or Optional User Code that starts with the digits 5 or 6 (Key 5/6). If you want a 5 or 6 at the beginning of your code start with 05 or 06. Example: 05 05 68 (a birth date).



**Caution:** Never use the first digit of your Master User Code as the Optional User Code. If you do, you will have to press the System Programming Switch and select a new Master User Code.

#### What code combinations are not recommended

- Using your ATM PIN number or computer passwords
- Short codes using the same digit – example: 111
- Simple codes – example: 123 or 911
- The numbers on your car's license plate

#### How to add Optional User Codes and what they are for

You can add up to 5 Optional User Codes in your Keyless Entry Keypad System if you wish. What are they for? You might want to have an Optional User Code to give to a family member or a friend if you need to lend them your vehicle temporarily. You can change it or delete it later. You might want another Optional User Code to give to a valet parking attendant or to a smog checker or service mechanic at the dealership. There might be other reasons you need to give someone else access to your vehicle when you are away and are not comfortable leaving a set of keys behind (after all, anyone can get a key copied at the local hardware store). Remember, don't give out your Personal Master User Code instead of an Optional User Code. That way you won't have to worry about changing your own code. Refer to the AKE-5 User Code Guide Form included with your system for User Code programming steps.

#### How to enter a Lock Code

Enter either 559, 557, or 555 Lock Codes. See the Convenience Code Mode section at the end of this Guide to understand why you might want to use Lock Code 555 instead of Lock Code 559 or 557.

## 4. Using Standard Outputs

#### - Unlocking and Locking

Your system has several standard outputs. One output is used to unlock the power door locks and another one is used to lock the door locks. Depending on your type of vehicle and how your installer has hooked up the system, you may be able to unlock only the driver's door or all of the doors.

#### - Interior Lights

A standard feature allows your installer to connect an output to activate the interior lights of your vehicle when any valid user code is entered on the keypad. The lights will stay on for about five seconds after the last keystroke is entered.

#### - Arm Output

The Arm Output (blue wire) provides a ground when the doors are locked by entering 557 or 559. This can be used to light a flashing LED in the vehicle or provide the ground side for a starter interrupt relay or similar device. If you locked the doors with 555, you can re-lock with 557 or 559 to enable the Arm Output without unlocking first. 559 also cause the keypad to blink every 15 seconds.

#### - Trunk Unlock



## Vehicle Keypad Locks

Section: AKE-5 User Guide

Some vehicles come with a power lock on the trunk. Your installer can connect any one of three Auxiliary Outputs to the trunk to allow you to unlock the vehicle and then the trunk. Most installers use the optional output which is triggered by pressing the 7/8 Key on the keypad within 5 seconds of entering a valid unlock code. The 3/4 Key or the 9/0 Key could be used instead of the 7/8 Key for the trunk, or to control other devices on your vehicle. If you are using the trunk unlock feature, you will first enter your personal entry code followed by pressing the 7/8 Key to open the trunk.

## 5. Using Auxiliary Outputs

- Auxiliary Output 3/4 – Press the 3/4 Key within 5 seconds of the last key press of a valid user code. Note: This output may be setup to toggle ON/OFF through a programming command for special control applications.
- Auxiliary Output 7/8 – Press the 7/8 Key within 5 seconds of the last key press of a valid user code. Normally connected to the trunk release, if available.
- Auxiliary Output 9/0 – Press the 9/0 Key within 5 seconds of the last key press of a valid user code.

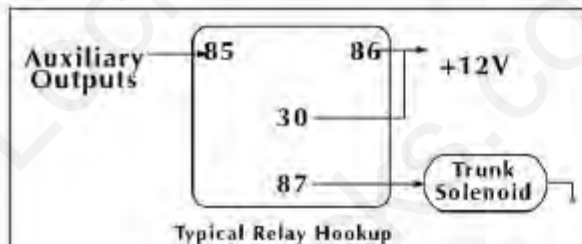
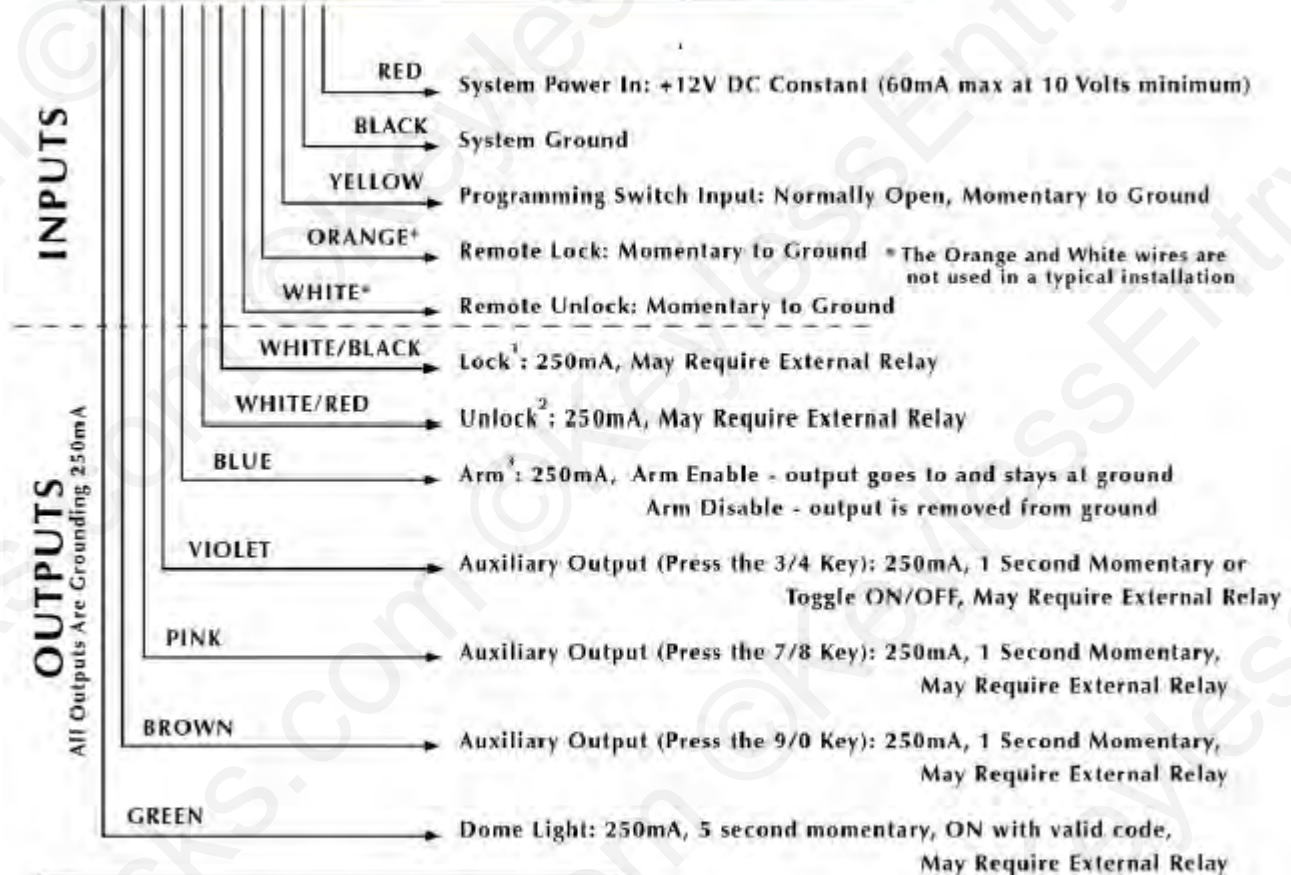
## 6. Special System Setups

Your system has a special 3-Digit Convenience Code Mode which can be enabled by the system installer or by following commands listed in the Installer Guide. When the Convenience Code Mode is enabled and the vehicle is locked by using Lock Code 555, every code in the system will now work by entering only the first 3 digits of the code. If you have used 7 or 8 digit codes this can be a handy way to allow a friend or service person to have temporary access by using 3 digits only, and without taking the time to add a new Optional User Code, and without giving away your personal Master User Code. To lock the doors so a full length Unlock Code is required, use Lock Code 557 or 559. Don't forget, you can always add 3-Digits Optional User Codes for use all the time without activating the Convenience Code Mode if you wish.



Vehicle Keypad Locks

Section: AKE-5 User Guide



- 1) Lock Code 559: Locks the Door, Arm Enabled, Arms the Keypad  
Lock Code 557: Locks the Door and Arms the Alarm  
Lock Code 555: Locks the Door and Activates 3 Digit Convenience Codes (if enabled)
- 2) Any Valid User Code: Unlocks the Door and Arm Disabled.
- 3) Arm Enabled by Lock Codes 559 and 557  
Arm Disabled by any valid User Code.



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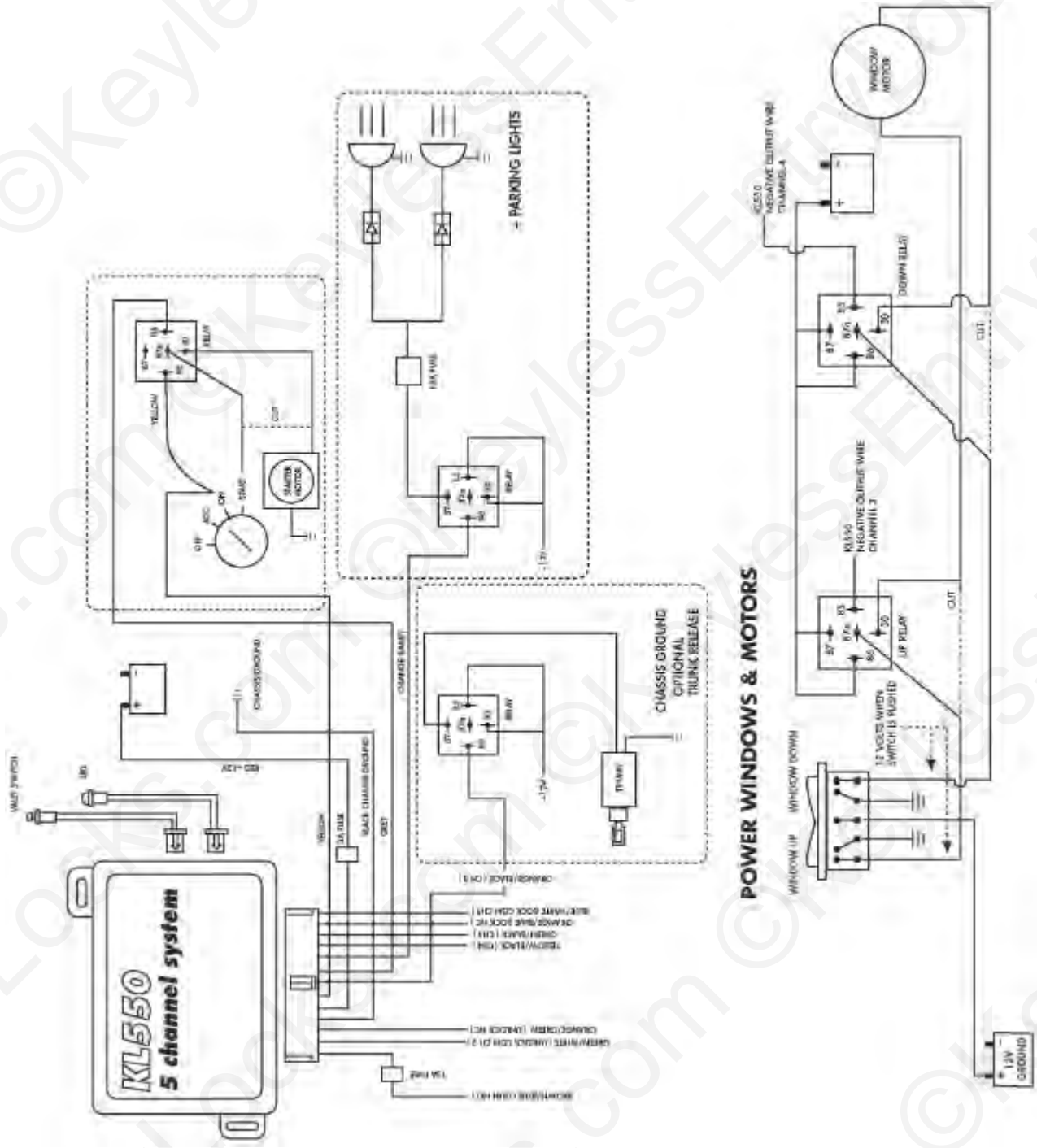
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Vehicle Keypad Locks

Section: AKE-5 User Guide





Vehicle Keypad Locks

Section: KE-1701 Keypad Vehicle Entry System for RVs/Trucks

## KE-1701 Keypad Vehicle Entry System for RVs/Trucks

### Product Overview

Imagine the convenience of keyless access to your motor home, truck, or commercial vehicle. The KE-1701 Vehicle Keypad Entry System makes this possible with keyless convenience, multiple user codes and a weatherproof, illuminated keypad.

Essex Electronics is the company that invented the original Keypad Entry System for Ford Motor Company over 25 years ago and they are still making them today.



A keyless entry system for virtually any RV, truck, or commercial vehicle with power door locks!

### Advantages

- **No more waiting for roadside assistance because your keys or key fob is locked inside of your vehicle.** With the KE-1701, you cannot be locked out.
- **No need to carry keys with you everywhere you go.** With the KE-1701 Series, you can hide your keys anywhere in the secured vehicle. This gives you the freedom to go to the beach, to play golf or go anywhere without having to carry keys.
- **Leave your vehicle at the airport (or some other destination) for a friend, loved one or even yourself** with the keys locked (hidden) safely inside.

### Details

1. Installs on virtually all automobile makes and models
2. No moving parts, completely weatherproof, virtually indestructible
3. Illuminated keypad lights up at first touch for night-time use
4. Up to 6 access codes for family/friends
5. Access codes can be anywhere from 3 to 8-digits long
6. Easily programmed on the keypad
7. Remote key fob is available as an option
8. Up to 7 auxiliary outputs can be used to open a trunk, storage compartment, or activate any electrically-controlled auxiliary device
9. 100% bump-proof and cannot be picked
10. 3-Year Warranty from manufacturer



**KE-1701  
Keypad Vehicle Entry System**



Vehicle Keypad Locks

Section: KE-1701 Keypad Vehicle Entry System for RVs/Trucks

### 3 Security Levels

1. **Low Level:** locks door and activates 3-digit convenience code (if enabled). When activated, the convenience code requires only the first 3 digits of any valid access code to gain entry
2. **Medium Level:** locks door, enables the armed state, deactivates the 3-digit convenience code
3. **High Level:** locks door, enables the armed state, activates the keypad security display (keypad lights flash momentarily every 15 seconds), deactivates the 3-digit convenience code

### This product is *All-American!*

It is manufactured, distributed, sold, supported, and warranted in the United States by Essex Electronics, a US company.

Essex keypads have been tested with over one billion cycles and they simply won't fail. They consistently perform 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.



**KE-1701  
Keypad Vehicle Entry System**



Vehicle Keypad Locks

Section: KE-1701 Keypad Vehicle Entry System for RVs/Trucks

### Features

<b>Up to 6 Access Codes</b>	<ul style="list-style-type: none"> <li>• 1 Master Code</li> <li>• 5 User Codes</li> <li>• All codes range from 3 to 8 digits in length</li> </ul>
<b>Illuminated Keypad</b>	Keypad lights at first touch. Choice of Brilliant.Blue™ or Radiant.Red™ illumination.
<b>Tamper Alarm</b>	Multiple incorrect entries trigger Tamper Alarm, locks out system for 30 seconds, and flashes the dome light.
<b>Easily Programed</b>	Add, Modify or Delete Users easily from the keypad
<b>Vandal Resistant Design</b>	Fully encapsulated, back mounted, piezoelectric keypad
<b>Optional Remote Keyless Entry</b>	<ul style="list-style-type: none"> <li>• 5-Channel Remote System with two 4 button key fobs</li> <li>• Each remote has its own coded frequency to ensure your vehicles protection</li> </ul>



**KE-1701  
Keypad Vehicle Entry System**





Vehicle Keypad Locks

Section: KE-1701 Keypad Vehicle Entry System for RVs/Trucks

## Specifications

<b>Power Requirements</b>	12V DC		
<b>Outputs</b>	<ul style="list-style-type: none"> <li>• Seven ¼ A grounding outputs for lock, unlock, dome light, arm enabling and auxiliary devices</li> <li>• 3 auxiliary outputs to open a trunk, storage compartment or activate an auxiliary device</li> <li>• NOTE: your vehicle may require external relays to control certain devices</li> </ul>		
<b>Current Draw</b>		Standby	Maximum
	Keypad only	< 15 mA	75 mA
	Keypad with remote	< 25 mA	100 mA
<b>Keypad Switch Technology</b>	Solid state piezoelectric with no moving parts		
<b>Keypad Operating Environment</b>	<ul style="list-style-type: none"> <li>• - 40° F to 160° F</li> <li>• - 40° C to 70° C</li> <li>• 100% relative humidity</li> </ul>		
<b>Keypad Switch Life:</b>	Over 1 Billion Cycles		
<b>Keypad Memory:</b>	Non-volatile memory retains codes and programming in the event of a power interruption		
<b>LED Colors</b>	<ul style="list-style-type: none"> <li>• B – Brilliant Blue</li> <li>• R – Radiant Red</li> </ul>		
<b>Mounting Orientations</b>	<ul style="list-style-type: none"> <li>• H – Horizontal</li> <li>• V – Vertical</li> </ul>		
<b>Optional Add-Ons</b>	<ul style="list-style-type: none"> <li>• RK – Remote Keyless Entry Kit with keypad, receiver, 2 key fobs, and cable</li> <li>• DG – Drill Guide Heavy-duty aluminum with pre-drilled holes; includes mounting hardware; can be used over and over; makes installation fast, easy, &amp; perfect the first time!</li> </ul>		



Vehicle Keypad Locks

Section: KE-1701 User Guide

## KE-1701 User Guide

### 1. Frequently Asked Questions

- **How do I unlock my vehicle?**

Your new system is so easy to use. Simply enter your personal three to eight digit code on the keypad and presto, the door unlocks.

- **How do I lock my vehicle?**

To lock the vehicle door from the keypad Simply enter Lock Code 559.

- **How can I remember my code?**

If you are worried about remembering your code, simply change the code to a number you already know by heart, such as your phone number.

- **How can I change my code?**

In order to change the code, simply follow the few easy steps listed under changing the Master User Code, or call the installer that put the system in your vehicle for a service call.

We know you will enjoy the worry-free convenience of the Essex Keyless Entry Keypad System – no more keys or key fobs to lose or lock in the vehicle. For further peace of mind, your system also provides memory for 5 Optional User Codes that can be added, changed, or deleted to allow a family member, friend, valet, or mechanic temporary access to the vehicle without having to give out your Master User Code.

### 2. How it Works

The Essex Keyless Entry Keypad system is designed to provide a convenient method to safely and securely enter your vehicle without using keys or key fobs. You can also use the keypad to unlock the trunk, open the windows or sunroof, or to actuate other accessories. If your vehicle is equipped with an alarm system, it will be disarmed when you enter a valid entry code. If your vehicle has a key fob system as well, you can use it or the keypad, whichever you prefer, or whichever is more convenient at the moment.

When you first touch the keypad the keys light up. When you enter your code the door unlocks and the vehicle's interior safety light goes on (if connected by your installer). Each time you press a key successfully the keypad beeps and blinks. If you accidentally make an error during code entry, simply start over with the correct code.

If you want to unlock a power actuated trunk simply press the 7/8 Key on the keypad within 5 seconds of entering a valid code. If you wait until the double beep, or until the keypad lights go out, you will have to start over by entering your personal user code plus the 7/8 Key (or 3/4 Key, or 9/0 Key, depending on how your installer has connected the three Auxiliary Outputs) to open the trunk or actuate another accessory. If 25 invalid digits are pressed in sequence, the system locks out code entry and activates the code tamper alarm by sounding a steady tone and flashing the interior and keypad lights for approximately 30 seconds. Once the alarm stops, you can enter a valid user code to unlock the vehicle.



### 3. Using Codes

There are two types of Codes available in the KE-1701: The Master User Code (1) and Optional User Codes (5). The Master User Code operates all functions available in the system plus allows you to add, change, and delete Optional User Codes.

#### How to enter the Master User Code

A. To Unlock the vehicle simply enter your 3 to 8 digit Master User Code

Note: The Factory Default Master User Code is 1 3 5 7 9. You or your installer should change this immediately to a personal 3 to 8 digit code. Try using a 7 digit phone number for your new Master User Code.

Note: The keypad on the KE- 1701 has 5 keys. Each key represents two digits. The first key can be used as either or both the number 1 and the number 2 when you are entering a code.

Example: The Factory default Master User Code can be described as 1 3 5 7 9 or as 2 4 6 8 0. To the system they are the same 5 digit code. If you want a 1 or a 2 in your Master User Code or in an Optional User Code use the first key to represent both numbers.

#### How to change the Master User Code

A. Locate and press the System Programming Switch

4 Rapid Beeps will sound and you will have 2 minutes to start programming the system.

B. Enter 1 1 1 9 on the keypad

3 Rapid Beeps will sound

C. Within 5 seconds of the 3 Rapid Beeps start entering your new 3 to 8 digit Master User Code.

Now wait 5 seconds and listen for 3 Rapid Beeps. You're done! Try the new Master User Code and the door will unlock. If it doesn't, please read the following paragraph to see if you made an error or skipped a step while programming.

Note: When using or programming your system you must make each keystroke within 5 seconds of the previous keystroke or the system will timeout and reset to normal operation. 2 Rapid Beeps signal system reset. If the system resets before you have completed changing the Master User Code, you must start over by pressing the System Programming Switch. 1 Long Beep signals an error has been made during the programming sequence. Don't worry. Start over by pressing the System Programming Switch.

#### Code Padding

If you feel you are being observed when you enter your code on the keypad you can "pad" your code by entering several random digits before you enter your actual code and still have the door unlock. For instance, if your code is 1 3 9 1 you can enter 5 7 1 3 9 1 and the door will unlock.

#### What code combinations are restricted

Codes 559, 557, and 555 are pre-assigned as Lock Codes. There is no harm if everybody knows the Lock Code. However, you can't change a Lock Code so you can't use 559, 557, or



## Vehicle Keypad Locks

Section: KE-1701 User Guide

555 as the Master User Code or as an Optional User Code.

Furthermore, you may not program a new Master User Code or Optional User Code that starts with the digits 5 or 6 (Key 5/6). If you want a 5 or 6 at the beginning of your code start with 05 or 06. Example: 05 05 68 (a birth date).

**Caution:** Never use the first digit of your Master User Code as the Optional User Code. If you do, you will have to press the System Programming Switch and select a new Master User Code.

### What code combinations are not recommended

- Using your ATM PIN number or computer passwords
- Short codes using the same digit – example: 111
- Simple codes – example: 123 or 911
- The numbers on your car's license plate

### How to add Optional User Codes and what they are for

You can add up to 5 Optional User Codes in your Keyless Entry Keypad System if you wish. You might want to have an Optional User Code to give to a family member or a friend if you need to lend them your vehicle temporarily. You can change it or delete it later. You might want another Optional User Code to give to a valet parking attendant or to a smog checker or service mechanic at the dealership. There might be other reasons you need to give someone else access to your vehicle when you are away and are not comfortable leaving a set of keys behind (after all, anyone can get a key copied at the local hardware store). Remember, don't give out your Personal Master User Code instead of an Optional User Code. That way you won't have to worry about changing your own code. Refer to the KE-1791 User Code Guide Form included with your system for User Code programming steps.

### How to enter a Lock Code

Enter either 559, 557, or 555 Lock Codes. See the Convenience Code Mode section at the end of this Guide to understand why you might want to use Lock Code 555 instead of Lock Code 559 or 557.

## 4. Using Standard Outputs

### - Unlocking and Locking

Your system has several standard outputs. One output is used to unlock the power door locks and another one is used to lock the door locks. Depending on your type of vehicle and how your installer has hooked up the system, you may be able to unlock only the driver's door or all of the doors.

### - Interior Lights

A standard feature allows your installer to connect an output to activate the interior lights of your vehicle when any valid user code is entered on the keypad. The lights will stay on for about five



seconds after the last keystroke is entered.

#### - Arm Output

The Arm Output (blue wire) provides a ground when the doors are locked by entering 557 or 559. This can be used to light a flashing LED in the vehicle or provide the ground side for a starter interrupt relay or similar device. If you locked the doors with 555, you can re-lock with 557 or 559 to enable the Arm Output without unlocking first. 559 also cause the keypad to blink every 15 seconds.

#### - Trunk Unlock

Some vehicles come with a power lock on the trunk. Your installer can connect any one of three Auxiliary Outputs to the trunk to allow you to unlock the vehicle and then the trunk. Most installers use the optional output which is triggered by pressing the 7/8 Key on the keypad within 5 seconds of entering a valid unlock code. The 3/4 Key or the 9/0 Key could be used instead of the 7/8 Key for the trunk, or to control other devices on your vehicle. If you are using the trunk unlock feature, you will first enter your personal entry code followed by pressing the 7/8 Key to open the trunk.

## 5. Using Auxiliary Outputs

- Auxiliary Output 3/4 – Press the 3/4 Key within 5 seconds of the last key press of a valid user code. Note: This output may be setup to toggle ON/OFF through a programming command for special control applications.
- Auxiliary Output 7/8 – Press the 7/8 Key within 5 seconds of the last key press of a valid user code. Normally connected to the trunk release, if available.
- Auxiliary Output 9/0 – Press the 9/0 Key within 5 seconds of the last key press of a valid user code.

## 6. Special System Setups

Your system has a special 3-Digit Convenience Code Mode which can be enabled by the system installer or by following commands listed in the Installer Guide. When the Convenience Code Mode is enabled and the vehicle is locked by using Lock Code 555, every code in the system will now work by entering only the first 3 digits of the code. If you have used 7 or 8 digit codes this can be a handy way to allow a friend or service person to have temporary access by using 3 digits only, and without taking the time to add a new Optional User Code, and without giving away your personal Master User Code. To lock the doors so a full length Unlock Code is required, use Lock Code 557 or 559. Don't forget, you can always add 3-Digits Optional User Codes for use all the time without activating the Convenience Code Mode if you wish.



Vehicle Keypad Locks

Section: KE-1701 User's Code Guide

## KE-1701 User's Code Guide

KE-1701 Code Types		
Code Type	User Type	Function
<b>Master User Code</b> 1 Changeable Code, 3 – 8 Digits Long Factory Default: 1 3 5 7 9	Vehicle Owner, Operator, or Manager	- Vehicle Entry & Auxiliary Output Control - Add, Change, Delete Optional User Codes
<b>Optional User Codes</b> 5 Changeable Codes, 3 – 8 Digits Long	Family Member, Friend, Mechanic, Valet, Authorized Vehicle Operator	- Vehicle Entry & Auxiliary Output Control
<b>Lock Code</b> 3 Non Changeable Codes - Lock Code 559 - Lock Code 557 - Lock Code 555	Everyone	- 559 -Locks Door, Arms Enabled, Arms Keypad, Cancels 3-Digit Convenience Code Mode - 557 – Locks Door, Arms Enabled, Cancels 3-Digit Convenience Code Mode - 555 – Locks Door, Activates 3-Digit Convenience Code (if enabled)



Vehicle Keypad Locks

Section: KE-1701 User's Code Guide

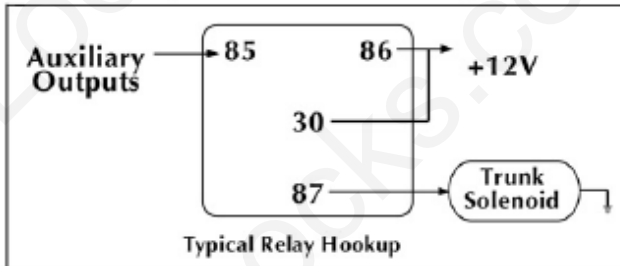
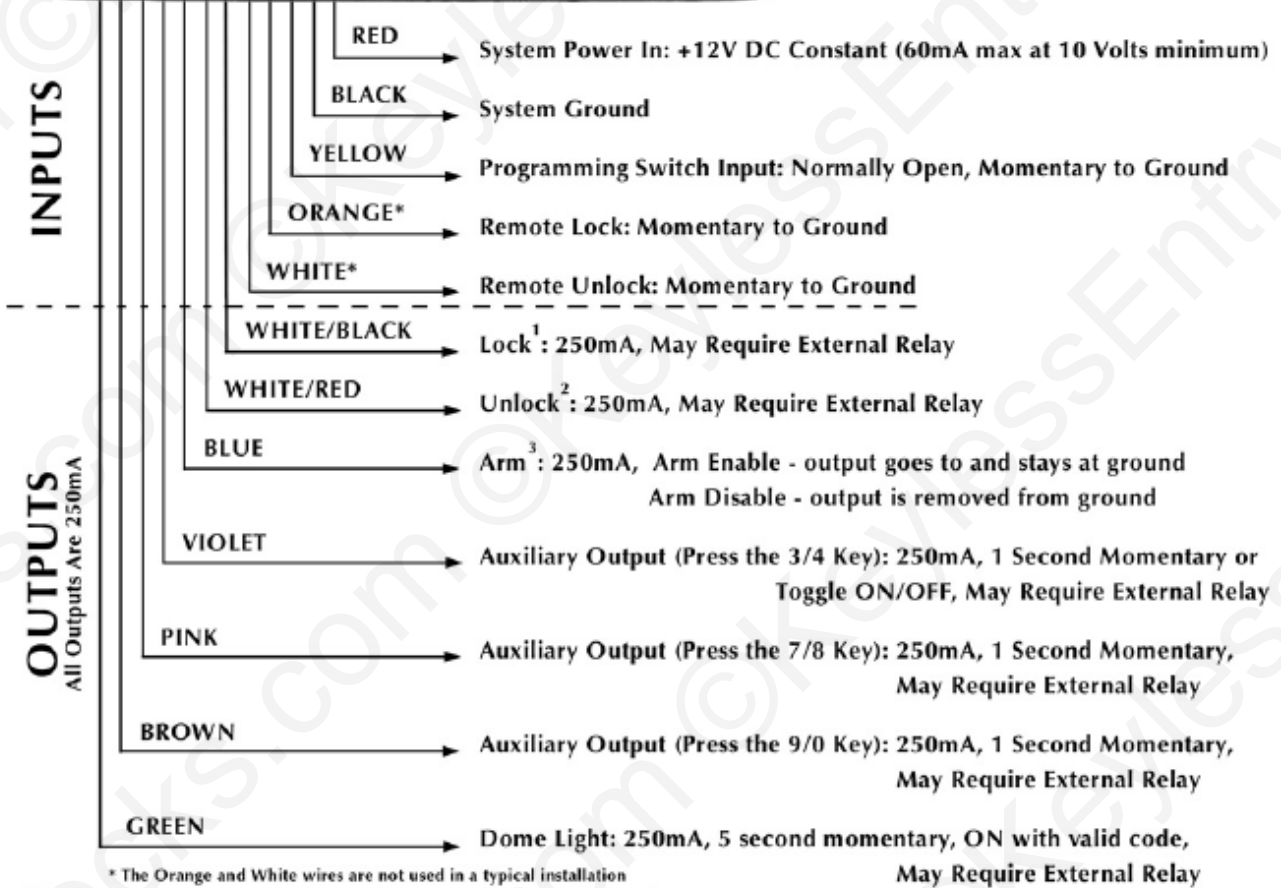
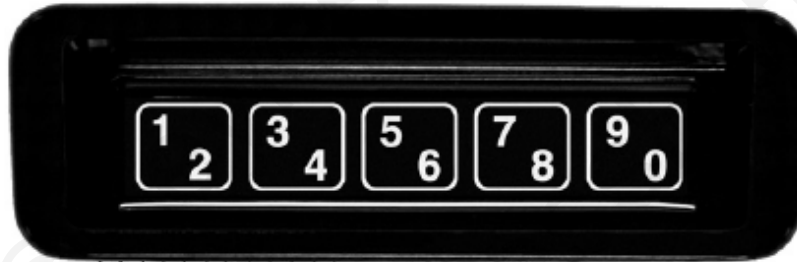
## KE-1701 Code Programming Commands

Code Type	Commands		
<p><b>Master User Code</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Where is the Programming Switch Installed?</td> </tr> <tr> <td style="padding: 5px;">What is my Master User Code?</td> </tr> </table>	Where is the Programming Switch Installed?	What is my Master User Code?	<p><b>To Change The Master User Code</b></p> <ol style="list-style-type: none"> <li>1. Locate and press the Programming Switch</li> <li>2. 4 Rapid Beeps 🔔 will sound</li> <li>3. Enter 1119 on the keypad</li> <li>4. 3 Rapid Beeps 🔔 will sound</li> <li>5. Enter the new 3 – 8 Digit Master User Code within 5 seconds</li> <li>6. Wait 5 seconds for 3 Rapid Beeps 🔔</li> <li>7. Test the new Master User Code</li> <li>8. If the new code does not work, repeat Steps 1 – 7</li> </ol>
Where is the Programming Switch Installed?			
What is my Master User Code?			
<p><b>! Caution !</b></p> <p><b>Make sure you have door keys or leave a window open before testing your new Master User Code!</b></p>			
Code Type & Memory Location	Commands		
<p>Optional User Code: 111            Optional User Code: 113            Optional User Code: 115            Optional User Code: 117            Optional User Code: 119</p>	<p><b>To Add or Change an Optional User Code</b></p> <ol style="list-style-type: none"> <li>1. Lock the vehicle with Lock Code 559</li> <li>2. Enter the Master User Code on the keypad</li> <li>3. Enter the Optional User Code Memory Location Number Example: 111</li> <li>4. 3 Rapid Beeps 🔔 will sound (command accept)</li> <li>5. Immediately Enter the new 3 – 8 Digit Optional User Code</li> <li>6. Wait 5 seconds and 3 Rapid Beeps 🔔 will sound (command accept)</li> <li>7. Test the new Optional User Code</li> <li>8. If the new code does not work, repeat Steps 1 – 7</li> <li>9. Repeat Steps 1 – 7 to add additional Optional Users</li> </ol>		
<p>Optional User Code 111            Optional User Code 113            Optional User Code 115            Optional User Code 117            Optional User Code 119</p>	<p><b>To Delete an Optional User Code</b></p> <ol style="list-style-type: none"> <li>1. Enter the Master User Code on the keypad</li> <li>2. Enter the Optional User Code Memory Location Number</li> <li>3. 3 Rapid Beeps 🔔 will sound (command accept)</li> <li>4. Wait 5 seconds for 3 Rapid Beeps 🔔 (system reset)</li> <li>5. Test the deleted Optional User Code</li> <li>6. If the deleted code still works, repeat Steps 1 – 5</li> </ol>		
<p><b>Note:</b> One Long Beep indicates an error – allow the system to reset - 2 Rapid Beeps 🔔 - then proceed to re-enter the required commands</p>			



Vehicle Keypad Locks

Section: KE-1701 User's Code Guide



- 1) Lock Code 559: Locks the Door, Arm Enabled, Arms the Keypad  
Lock Code 557: Locks the Door and Arms the Alarm  
Lock Code 555: Locks the Door and Activates 3 Digit Convenience Codes (if enabled)
- 2) Any Valid User Code Unlocks the Door and Arm Disabled.
- 3) Arm Enabled by Lock Codes 559 and 557  
Arm Disabled by any valid User Code.





Vehicle Keypad Locks

Section: Warranty Information

## Warranty Information

### General Information

Essex Electronics Inc. ("Essex") warrants that at the time of original purchase from Essex the products specified below are free from defects in workmanship and material. Subject to the conditions and limitations set forth below, Essex will, at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or materials. Repaired parts or replacement products will be provided by Essex on an exchange basis, and will be either new or refurbished to be functionally equivalent to new. Essex reserves the right to discontinue a product for any reason, without notice, at any time. If a product that has been discontinued proves defective and if Essex is unable to repair or replace the product, within the terms expressed in this Limited Warranty, a substitute product may be provided at Essex's election, as a replacement for the original discontinued product.

This Limited Warranty extends only to the original retail or wholesale Buyer and the original site of installation. It does not cover any damage to this product or parts thereof, if the product is installed in violation of the applicable codes or ordinances, or is not installed and used in accordance with our installation instructions. This warranty applies only to standard Essex products purchased as completed assemblies and does not cover custom products (excluding custom graphics) nor does it cover products purchased as subassemblies. This warranty will only include the normal operating life of the LED's and relays as specified by the manufacturer. It does not cover any damage that results from accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair, or modification. This Limited Warranty also does not apply to any product on which the original identification or date of manufacture information has been altered, obliterated or removed. In no event shall Essex be liable for any damage to persons, property or area surrounding the installation site caused by any malfunction of the product manufactured or supplied by Essex.

Essex will not pay, nor be responsible for shipping, transportation or delivery charges, or other cost of removal of a defective product or installation of a replacement product. The original component replaced under this Limited Warranty in any system shall become the property of Essex and as such will, at our request, be returned to our factory with transportation charges paid by the Buyer.

**Limited Lifetime Warranty:** Products carrying Limited Lifetime Warranty against defects in materials and workmanship are Essex KTP Series Keypads, K1 Series, SKE Series Keypads, KE-265 Series, PEB and Hand-ETap Series Door Access Switches. Only products with a manufactured date of 5/1/06 to the present date are covered by this Limited Lifetime Warranty.

**Limited 18 Month Warranty:** Products carrying an 18 month warranty against defects in materials and workmanship include External Power Supplies, HID Edge® controllers and products with embedded 125 kHz and 13.56 MHz Card Reader processors including the PiezoProx®, iSMART™, K-Prox, RoxProx™ and Keyless IP Series.

**Limited 3 Year Warranty:** Essex KE-1700 Series and AKE-5 Series are covered by a 3 year limited warranty against defects in materials and workmanship.

**Limited 2 Year Warranty:** Essex products used for Elevator access control applications are covered



Vehicle Keypad Locks

Section: Warranty Information

by a 2 year limited warranty. This includes the KE-1000, KE-1900 and SKE-34 used in an elevator access control installation.

Essex Electronics, Inc.'s liability and Buyer's remedy under this warranty is limited to the repair or replacement at Seller's election of the product, or parts thereof, returned to Essex Electronics Inc. at Buyer's expense and shown to Essex Electronics Inc.'s reasonable satisfaction to have been defective.

Notice of any defect must be sent in writing to Essex Electronics, Inc., 1130 Mark Avenue, Carpinteria, California, 93013, USA and must include the date code of the unit, description of the defect and factory assigned Return Authorization #. Upon receipt of such notification, Essex will determine whether to repair or replace. We also reserve the right to have our representative make any inspection or repairs, or furnish replacements.

Essex reserves the right to amend this general warranty policy as requested.

## Disclaimer of Warranties: Limitation of Buyer's Remedies

Except for the repair or replacement at seller's option which is expressly set forth above, Essex Electronics Inc. extends no warranty of any kind, express or implied, and disclaims any implied warranty of merchantability or suitability for purpose for which sold, with respect to the keypads, keyless entry coded access system or accessories. Except for the limited repair or replacement specified above, under no circumstances will Essex Electronics Inc. be liable to buyer under or in connection with any manufacture or sale of any of the products set forth above under any tort, negligence, strict liability, contract or other legal or equitable theory, or for incidental or consequential damages, or buyer's cost of effecting insurance coverage.

The foregoing limited warranty expressed herein constitutes the sole and entire warranty with respect to the products set forth above and is in place of any and all other warranties, express or implied.

This warranty may not be expanded or extended by any oral representation, written sales information, advertising, drawings or otherwise. Essex Electronics Inc. is not responsible hereunder for incidental damage to person or property, or other incidental or consequential damages. The remedies of the buyer shall be limited to those provided in this limited lifetime warranty to the exclusion of any and all other remedies, including, without limitation, incidental or consequential damages.

This Limited Lifetime Warranty shall be governed by and interpreted in accordance with the California Uniform Commercial Code and by the procedural laws of the State of California. Any lawsuit or other action which arises out of, relates to, or is in connection with the manufacture or sale of the products set forth above shall be governed by California law, and the venue for any such action shall be the Superior Court of the State of California in and for Santa Barbara County, California.

## Repair Policy

Should it be necessary for a component or a system to be returned for repair, it must be accompanied with an RA# (Return Authorization Number) issued by the factory. Please call 1-800-KEYLESS (800-539-5377) to obtain an RA#. All returns must be sent to the factory freight prepaid. Collect shipments will not be accepted at any time. Standard turnaround time is ten (10) working days from the date of receipt. Repaired components will be returned UPS Ground (or equivalent). Any other shipping



Vehicle Keypad Locks

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requests or instructions will be at the customer's expense.

At the factory's discretion, warranty repairs will include repair or replacement, update and testing. Returns and repairs out of the warranty period or in warranty with damage not covered under warranty shall be subject to a repair charge. All non-warranty repair freight charges are paid for by the customer. Non-warranty repair charges must be paid by credit card. (Factory Authorized Distributors are subject to standard terms).

## Contact Information

### Sales:

Phone: (630) 909-9504

Email: [Sales@KeylessLocksStore.com](mailto:Sales@KeylessLocksStore.com)

### Technical Support:

Phone: (800) KEYLESS

Email: [Support@Keyless.com](mailto:Support@Keyless.com)