e-*ASK*

electronic **A**ccess **S**ecurity **K**eyless-entry

Discrete e-*PAD* / e-*FOB*
Consumer Manual
(UM08 ~ 20462-01)

♦TriMark®

Table of Contents

Introduction

This manual provides the necessary information for the proper use of Tri*Mark*'s Discrete **e-*PAD*** / **e-*FOB*** System.

Note: Some features discussed in this manual may not be available on your system.

Included with this system are the following components:

- **e-*FOB*** (remote FOB transmitter system)
- **e-*PAD*** (keypad user interface)

Use the pictures below to properly identify the contents of this system.

**e-*FOB* with RF receiver,
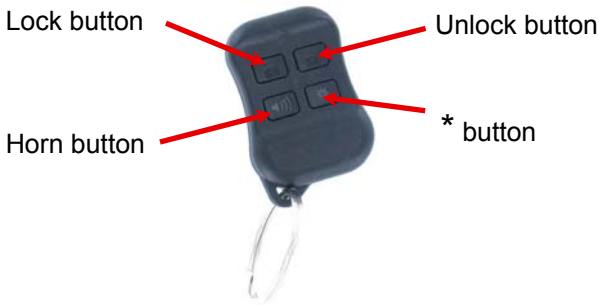2 remote transmitter FOBs,
and wiring harnesses**

e-*PAD* keypad

Note: Horizontal or vertical e-PADs are available.

e-*FOB* Operation and Features

Lock button   Unlock button

Horn button   * button

The FOB transmitter and receiver are shipped programmed. When the dealer has installed your **e-*FOB*** system, it will function as indicated below.

Button	Function
Lock	Locks all entry doors and arms security system.
Unlock	Unlocks entry doors and disarms security system. Also activates the porch light.
Horn	Activates panic mode when pressed and held for 2 seconds.
* button auxiliary output	***** button function is OEM/dealer defined. Possible assignment include: interior/exterior lighting, awning extension/retraction, gas cap, hood, etc.

Notes:
- Only the unlocking function of the **e-*FOB*** remains while the engine is running—other functions are deactivated.
- Upon applying battery voltage, the system may default into "panic mode". This occurs if the system was "armed" when the battery was disconnected. Pressing the unlock button disarms the system and deactivates the "panic mode".

e-*PAD* Operation and Features

The **e-*PAD*** is shipped with default authority and access codes. Unless the OEM or dealer has changed default codes, the authority and access codes are as follows:

Access code:

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
1 / 2	3 / 4	5 / 6	7 / 8	9 / 0

Authority code:

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
7 / 8	7 / 8	7 / 8	7 / 8	7 / 8

Lock Doors With Keypad
Press and hold down the (1 / 2) button for 1-2 seconds. An access code is not needed to lock the doors.

Secure Operations
Entering a valid 5-digit access code enables secure operations. After entering an access code, the keypad is enabled for 5 seconds and a sixth button press initiates a secure operation, such as unlocking the doors.

Notes:
- The authority code does not allow for secure operations. It is only used to assign access codes (see page 6 for information on setting access codes).
- If an unassigned button or no button is pressed while the system is enabled, the keypad reverts back to disabled state.

Dome Light Activation
The dome light is activated for 30 seconds whenever a secured operation is performed (optional: extra installation required).

Protective Deactivating Security Feature
If a correct code is not entered after 20 button presses, the keypad enters an inactive mode that disables button recognition for 1 minute. This helps prevent unauthorized access by entering random codes. There is no button feedback while the system is disabled.

Buzzer Operation

The buzzer beeps once when power is first applied to the keypad and for each key press during regular use. When an authorized access code is entered, the system chirps twice to indicate readiness to unlock doors (1 / 2) button press).

The system beeps twice for each button press while in learn mode. When a new access code is defined, the system chirps 3 times.

Keypad Backlight Operation

When the **e-*PAD*** is in the normal state, the backlighting is at a low level. When a button is pressed, the keypad backlight flashes bright.

The keypad backlight also has a power saving mode if voltage is below 11 volts, then continuous backlighting is shutoff until the battery is fully charged. When continuous backlighting is off, the keypad still "wakes up" when a button is pressed. In this case, the backlighting is activated for only one minute.

Smart LED

The smart LED indicates system status:
    Slow Flash = Armed
    Off = Disarmed
    Solid on = Valet Mode
    Fast Flash = Alarm activated since last lock button press
    operation, such as unlocking the doors.

Parking Light Supervision

The parking lights are actuated with the dome lights when the vehicle is unlocked with the FOB transmitter. Lights remain illuminated for 30 seconds. Locking the doors or starting the car deactivates the lights immediately. Lights flash with a lock command. Contact your dealer to change this option.

Light Activation

When the Lock button is pressed, the parking and headlights flash. With an unlock instruction; the dome light stays illuminated for 30 seconds.

Panic Mode

Pressing and holding the Horn button of the **e-*FOB*** remote transmitter for about 2 seconds activates panic mode. During panic mode, siren is continuously activated and headlights flash for 1 minute. Pressing the Unlock button on remote FOB transmitter deactivates panic mode.

Vehicle Alarm

The alarm is armed when the doors are locked. If any outside door is opened while the alarm is set, the horn, siren, and lights flash for 1 minute. Press the Unlock button to deactivate the alarm.

Valet Mode

Some situations, such as valet parking, or leaving the vehicle at the dealer, require that alarm features be suspended. Placing the alarm in "Valet Mode" suspends audible features.

In-Vehicle Valet Activation

1. Turn the ignition to the "ON" position with your key.
2. Press the push button (CN5) until the LED is continuously illuminated.

Remote Valet Activation

1. Open the driver's door (must have door ajar switches).
2. Turn the ignition to the "ON" position with your key.
3. Press the * button (lower right).

Note: Repeat activation to toggle Valet Mode off.

In the valet mode, the doors lock and unlock normally. Other features operate per the following list:

- Arming and disarming the system will produce no "chirps".
- There is no alarm or starter kill feature.
- The * button and 2nd unlock auxiliary outputs do not actuate. This provides security to storage compartments.
- The panic feature actuates lights, but not horn and siren.

Deactivate Horn Chirp

The horn chirps with remote FOB button press can be toggled on/off by pressing the Unlock button 4 times while the ignition is ON. When the chirps are activated, two confirmation chirps are heard. Three confirmation chirps are heard when the chirps are deactivated.

Emergency Override

To disarm the alarm in case of FOB transmitter loss:
1. Turn the ignition to the "ON" position. Siren and horn stops.
2. Press the push button (CN5) until the lights stop flashing and the system disarms (2 seconds).

Teaching e-*PAD* New Access Codes

With a valid authority code, an access code can be programmed with the following instructions.

1. Press the (5 / 6) button for 5 seconds, the keypad will bee. The backlighting LED of the keypad will flash indicating the learn mode.
2. Enter the 5-digit authority code (see page 3 for the default code). Keypad will provide a long beep that will stop after you have defined an access number.
3. Press and release the button that corresponds to the access number. For example, press (1 / 2) button for access #1 and press (3 / 4) button for access #2. During this activity you are defining 1 of 5 access numbers. A subsequent code will be assigned to this access #. The keypad will provide a confirmation beep after this single button press.
4. Enter in your new 5-digit access code. The keypad will provide confirmation beeps.
5. Re-enter new access code. The keypad will provide confirmation beeps.

Repeat process to assign additional access codes.

Note: Up to 5 different access codes can be assigned at one time. As additional access codes are defined, pre-existing access codes are overwritten. For example, if a new access code is assigned for access #3, the previous access #3 code is no longer valid.

The following area can be used to document the access code assignments.

Access #	User Name	Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
1						
2						
3						
4						

Troubleshooting

Problem Description	Possible Solution
e-*FOB* Hints	
Button press does not provide correct operation	Verify power to the RF receiver; check fuse.
	Re-teach the FOB transmitter to the receiver.
No operation or intermittent operation	Mount RF receiver away from enclosed metal areas and fully extend antenna
	Check FOB transmitter battery voltage. Batteries need to be changed every 1-2 years depending on usage.
Panic mode starts when powered up	Press Unlock button of FOB transmitter
One particular **e-*FOB*** function does not work	Check wire connection of affected function at RF module and wiring harness.
Discrete Keypad Hints	
No response with button press	Verify power to keypad; check fuse.
Doors do not lock/unlock	Verify that 4-pin connector is plugged into RF receiver
Access code is not recognized	Verify that code has not been changed. Reassign keypad with instructions on page 10.
	Confirm use of an access code, not the authority code.
Continuous keypad backlighting is off until a button is pressed	Vehicle battery voltage has dropped below 11 V.
Unexpected, secure operation occurs	Verify DIP switches are set to correct configuration setting.

This product has been manufactured with methods to ensure high quality and to meet the high expectations of our customers. Tri*Mark* warrants this product to be free from workmanship defects and will remedy issues per Tri*Mark*'s warranty policy.

Remote transmitter FOBs, batteries, and other equipment subject to normal wear and deterioration may need to be replaced periodically by dealer and/or end user and are not covered by this warranty. Tri*Mark* will not be liable for indirect, special, incidental or consequential damages.

Contact Tri*Mark* for specific mounting details, such as drawings, placement suggestions, mounting hardware, etc.

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