

e-ASK

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

e-FOB / e-PAD **Consumer Manual**

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Introduction

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

The Discrete **e-PAD** / **e-FOB** system includes:

- **e-FOB** (keyless entry radio frequency [RF] FOB transmitter and receiver)
- **e-PAD** or **e-GRAB** Handle (keypad user interface) - Keypad integrated grab handle. **Clean acrylic rod with mild soap and water only.**

The receiver and FOB transmitters are shipped programmed. Use the pictures to properly identify the contents of your system.

RF Controller



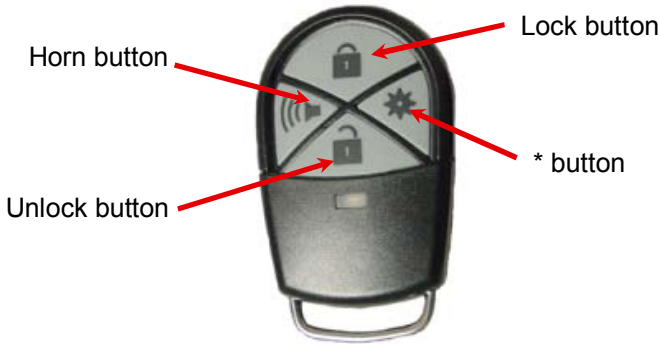
e-GRAB Handle



e-PAD - available vertical or horizontal



e-FOB Operation and Features - Standard

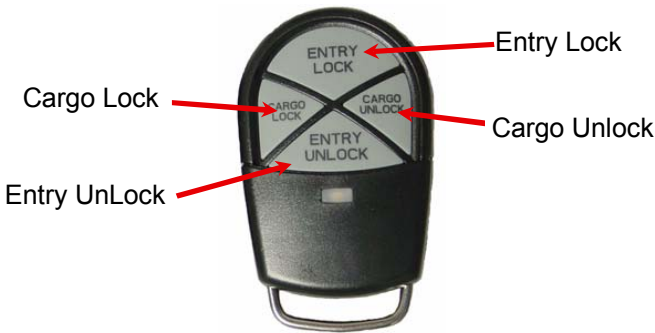


Button	Function
Lock	Locks all doors and arms security system.
Unlock	Unlocks doors and disarms security system. Also activates the dome light.
Horn	Activates panic mode when pressed and held for 2 seconds.
* button	* button function is OEM/dealer defined. Possible assignment include: interior/exterior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

Notes:

- While the engine is running only the entry unlock function of the **e-FOB** remains activated —other functions are deactivated.

e-FOB Operation and Features - Cargo



Button	Function
Entry Lock	Locks entry doors and arms security system.
Entry UnLock	Unlocks entry doors and disarms security system. Also activates the porch light.
Cargo Lock	Locks compartment doors and arms security system.
Cargo UnLock	Unlocks compartment doors and disarms security system.

Notes:

- While the engine is running only the entry unlock function of the **e-FOB** remains activated —other functions are deactivated.

Non-doorbell 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

Doorbell e-PAD Operation and Features

Access code:

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
1	2	3	4	4

Authority code:

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5
4	4	4	4	4

Lock Doors with Keypad

Press and hold down the (1 / 2) or (1) button for 1-2 seconds.

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, ex. unlock doors.

6th Button Press - Standard Mode

Button (1 / 2) or (1): Unlock entry doors.

Button (3 / 4) or (2): Unlock doors wired to 2nd Unlock output.

Button (5 / 6) or (3): Unlock doors wired to 3rd Unlock output.

Button (7 / 8) or (4): Sequentially activate entry unlock, 2nd unlock and 3rd unlock outputs.

Button (9 / 0): Toggle dome light output.

6th Button Press - Cargo Mode

Button (1 / 2) or (1): Unlock entry doors.

Button (3 / 4) or (2): Unlock doors wired to 2nd Unlock output.

Button (5 / 6) or (3): NA

Button (7 / 8) or (4): Unlock and 2nd unlock.

Button (9 / 0): Toggle dome light output.

Doorbell

Press the doorbell button. No code is necessary for doorbell.

Authority Code

The authority code does not allow for secure operations. It is only used to assign access codes.

Grab Handle Lighting

The grab handle is lit continuously. The **e-PAD** is lit with a button press and while training new access and authority codes.

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 keypad buzzer beeps once for each keypad press during regular use. When an authorized access code is entered, the system chirps twice to indicate readiness for a 6th button press.

The keypad beeps twice for each button press while in learn mode. When a new access code is defined, the system beeps 3 times. If an incorrect code is entered during learn mode, there is a 1-2 second beep.

Smart LED:

The smart LED indicates system status:

- Slow Flash = Armed
- Off = Disarmed
- Fast Flash = Alarm activated

Assign New Access Codes

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

1. Press the (5 / 6) or (3) button for 5 seconds, the keypad will beep. 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) or (1) button for access #1 and press (3 / 4) or (2) button for access #2. During this activity you are defining 1 of 5 (4) 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 (4) 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						
5						

Additional System Features

Light Activation

When the alarm is armed, the parking lights and headlights flash. With an unlock instruction from either the fob transmitter or keypad; the dome light stays illuminated for 30 seconds and the parking and headlights flash.

Dome Light

The dome light is activated for 30 seconds when doors are unlocked. The dome light can be toggled on for 5 minutes with a secure (9 / 0) operation. Repeating the (9 / 0) operation while the dome light is on will turn the light off. (Option only available on non-doorbell keypad.)

2nd Unlock Output

Press and release the Unlock button on the fob transmitter twice for a pulse output. Enter secure operation (3 / 4) or (2) from keypad. (Standard mode only.)

3rd Unlock Output

The 3rd Unlock output is actuated with the unlock command and with the secure operation (5 / 6) or (3). (Standard mode only.)

2nd Auxiliary Output

The 2nd Auxiliary output is actuated by pressing the doorbell button on the keypad or holding down the unlock button for two seconds.

Panic Mode

Pressing and holding the Horn button (center left) for 2 seconds activates panic mode. During panic mode, horn/siren is continuously activated and headlights and parking lights flash for 30 seconds. Pressing the unlock button deactivates panic mode. (Standard mode only.)

Lock/Unlock Confirmation

The horn and siren chirp once when the alarm is armed. If the alarm has been set off since the last unlock command, the siren and horn chirp 4 times to indicate the alarm activity when the system is disarmed. The horn and siren chirp twice on unlock. The headlight and parking light outputs pulse once on a lock and unlock.

Lock/Unlock Confirmation Control

The siren and horn confirmation is controlled by pressing lock, unlock, and auxiliary (*) buttons at the same time. A single chirp is heard when confirmation is muted. A double chirp occurs when turned on.

Cargo mode: entry lock, entry unlock, cargo unlock.

Emergency Override

To disarm the alarm in case of FOB transmitter and access code loss:

1. Turn ignition on (apply 12V to yellow wire).
2. Press and hold the push button for 3-seconds. LED turns off.
3. Turn ignition off (remove 12V from yellow wire).

Starter Kill Feature

The starter kill feature is active for 30 minutes after the alarm is activated.

Vehicle Alarm

The alarm is armed with either a single or double lock press. When the alarm is armed, the parking lights flash and the horn/siren chirp. The smart LED flashes continuously.

The alarm is activated with a security trigger input or if the ignition is started. The horn, siren, parking lights and head lights flash for 30 seconds. The starter kill is activated for 30 minutes. Press the unlock button to deactivate the alarm.

There is a 5 second delay before the system will recognize a security input. If a security input (door ajar switch, motion sensor, glass break sensor, etc.) is triggered while the alarm is armed, the security input must be turned off and then on before the alarm is activated. The horn and siren chirp 3 times if a security input is active when the alarm is armed.

Troubleshooting

Problem Description	Possible Solution
e-FOB Hints	
Button press does not provide correct operation	Verify power to the RF receiver
	Replace FOB transmitter battery
	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.
One particular e-FOB function does not work	Check wire connection of affected function at RF module and wiring harness
e-PAD Grab Handle Hints	
No response with button press	Verify connection of keypad.
Access code is not recognized	Verify that code has not been changed. Reassign keypad with instructions on page 6.
	Confirm use of an access code, not the authority code.
Acrylic rod develops surface cracks	A petroleum or alcohol based product was used to clean rod. Only use mild soap and water on rod.

This product has been manufactured with methods to ensure high quality and to meet the high expectations of our customers. *TriMark* warrants this product to be free from workmanship defects and will remedy issues per *TriMark*'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. *TriMark* will not be liable for indirect, special, incidental or consequential damages.

This system complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or television interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.



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