

# **e-ASK**

**electronic Access Security Keyless-entry**

## **e-FOB RF Keyless-entry Full Function Consumer Manual**

**FCC ID: TV2EF0B1**

**(UM19 ~ 22793-01)**



500 Bailey Avenue  
P.O. Box 350  
New Hampton, Iowa 50659 U.S.A.  
Tel: 641-394-3188  
Fax: 641-394-2392  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

# Table of Contents

<b>Introduction .....</b>	<b>1</b>
<b>e-FOB Operation and Features - Standard.....</b>	<b>2</b>
<b>e-FOB Operation and Features - Cargo .....</b>	<b>2</b>
<b>Additional System Features .....</b>	<b>3</b>
Light Activation .....	3
2nd Unlock Output.....	3
Auxiliary Output .....	3
2nd Auxiliary Output .....	3
Panic Mode.....	3
Vehicle Alarm .....	3
Lock/Unlock Confirmation .....	4
Starter Kill Feature .....	4
Smart LED .....	4
Lock/Unlock Confirmation Control.....	4
<b>Troubleshooting.....</b>	<b>5</b>

## Introduction

This manual provides the necessary information for the proper installation and use of TriMark's **e-FOB** transmitter/receiver system.

Basic functions of the system include:

- Locking and unlocking entry and compartment doors
- Light activation
- Panic mode (standard)
- Auxiliary functions

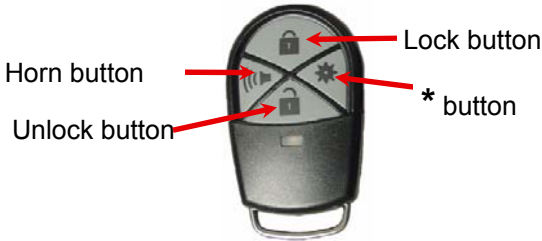
The **e-FOB** system includes:

- Receiver
- 2 FOB transmitters
- 14-pin wire harness
- 10-pin wire harness
- 4-pin wire harness
- 2-pin wire harness
- Smart LED
- Push button switch

The receiver and FOB transmitters are shipped programmed.

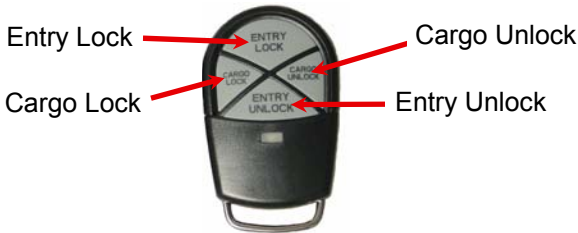


## e-FOB Operation and Features—Standard



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

## e-FOB Operation and Features—Cargo



Button	Function
<b>Entry Lock</b>	Locks all entry doors and arms security system.
<b>Entry Unlock</b>	Unlocks entry doors and disarms security system. Also activates the porch light.
<b>Cargo Lock</b>	Locks cargo compartments and arms security system.
<b>Cargo Unlock</b>	Unlocks compartment doors and disarms security system.

### Notes:

- While the engine is running only the Unlock (Entry Unlock) function of the **e-FOB** remains activated — other functions are deactivated.

# **Additional System Features**

## **Light Activation**

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

## **2nd Unlock Output**

Press and release the Unlock (Entry Unlock) button twice for a pulse output. Ask your dealer for functionality. (Not available in cargo mode.)

## **Auxiliary Output**

This is OEM/dealer defined feature activated by the \*button. Possible assignments include: interior/exterior lighting, awning control, gas cap, etc. Ask your dealer for functionality. Available in standard mode only.

## **2nd Auxiliary Output**

The 2nd auxiliary output is actuated by holding down the Unlock (Entry Unlock) button for two seconds. Ask your dealer for functionality.

## **Panic Mode**

Available in standard 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 Lock or Unlock button deactivates panic mode.

## **Vehicle Alarm**

In standard mode, the alarm is armed with either a single or double Lock button press. See dealer to change this configuration.

In cargo mode, both the Entry Lock and Cargo Lock must be pressed within 5 seconds. When the alarm is armed, the parking lights flash and the horn/siren chirps. 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 Lock or Unlock buttons 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/siren chirps 3 times if a security input is active when the alarm is armed.

The alarm is disarmed three ways.

- Press the Lock (Entry Lock) on the FOB transmitter.
- Press the Unlock (Entry Unlock) button on the transmitter.
- Turn the ignition on and hold the programming button for 5 seconds.

### **Lock/Unlock Confirmation**

The horn/siren chirps once when the alarm is armed. If the alarm has been set off since the last unlock command, the horn/siren chirps 4 times to indicate the alarm activity when the system is disarmed. The headlights and parking lights flash once on lock and unlock.

### **Starter Kill Feature**

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

### **Smart LED:**

The smart LED indicates system status:

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

### **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 and Cargo Unlock.

# Troubleshooting

Problem Description	Possible Solution
<b>e-FOB Hints</b>	
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 <b>e-FOB</b> function does not work	Check wire connection of affected function at RF module and wiring harness

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 modification to this equipment. Such modification could void the user's authority to operate the equipment.



500 Bailey Avenue  
P.O. Box 350  
New Hampton, Iowa 50659 U.S.A.  
Tel: 641-394-3188  
Fax: 641-394-2392  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

UM19  
22793-01  
12/07-1