

**Model 103T**  
**Owner's Guide**

## [ Limited Lifetime Consumer Warranty ]

For a period of one calendar year from the date of purchase of this auto-security device, Directed Electronics, Inc. promises to the ORIGINAL PURCHASER to repair or replace (with a comparable reconditioned model), free of cost, any electronic control module which proves to be defective in workmanship or material under normal use, SO LONG AS THE SYSTEM WAS SOLD, INSTALLED, AND SERVICED BY A PROFESSIONAL AUTO INSTALLER, AND REMAINS IN THE CAR IN WHICH THE SYSTEM WAS ORIGINALLY INSTALLED. If warranty service is necessary you must have a clear copy of your sales receipt containing all of the information shown on the following page.

After the first calendar year, from the date of purchase of this auto-security device, Directed Electronics, Inc., promises to the ORIGINAL PURCHASER to repair or replace (with a comparable reconditioned model) any electronic control module which proves to be defective in workmanship or material under normal use **FOR A CHARGE OF \$45.00**, SO LONG AS THE SYSTEM WAS SOLD, INSTALLED, AND SERVICED BY A PROFESSIONAL AUTO INSTALLER, AND REMAINS IN THE CAR IN WHICH THE SYSTEM WAS ORIGINALLY INSTALLED. If warranty service is necessary you must have a clear copy of your sales receipt containing all of the information shown on the following page.

This warranty contains the entire agreement relating to warranty and supersedes all previous and contemporaneous representations or understandings, whether written or oral. IN ANY EVENT, DEI IS NOT LIABLE FOR THE THEFT OF THE VEHICLE AND/OR ITS CONTENTS.

This warranty is void if the product has been damaged by accident, unreasonable use, neglect, improper service or other causes not arising out of defects in materials or construction. This warranty is nontransferable and does not apply to any unit that has been modified or used in a manner contrary to its intended purpose and does not cover batteries. The unit in question must be returned to the manufacturer, postage prepaid. This warranty does not cover labor costs for the removal, diagnosis, troubleshooting or reinstallation of the unit. For service on an out-of-warranty product a flat rate fee by model is charged. Contact your authorized dealer to obtain the service charge for your unit.

These systems are a deterrent against possible theft. Directed Electronics, Inc. is not offering a guarantee or insuring against the theft of the automobile or its contents and disclaims any liability for the theft of the vehicle and/or its contents. Directed Electronics does not authorize any person to create for it any other obligation or liability in connection with this security system.

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**IMPORTANT NOTE:**

This product warranty is automatically void if its date code or serial number is defaced, missing, or altered. This warranty will not be valid unless you have completed the warranty card and mailed it to Directed Electronics, Inc. within 10 days after purchase to the address listed on the warranty registration card.

Make sure you have all of the following information from your dealer:

A clear copy of the sales receipt, showing the following:

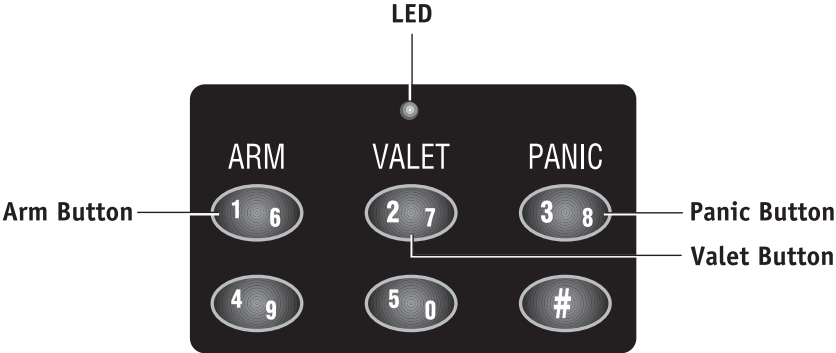
- Date of purchase
- Your full name and address
- Authorized dealer's company name and address
- Type of system installed
- Year, make, model and color of the automobile
- Automobile license number
- Vehicle identification number
- All security options installed on automobile
- Installation receipts

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# [ What Is Included ]

- 103T Control Module
- 103T Keypad (see diagram below) with 4-Pin Keypad Harness
- 8618 Failsafe Starter Kill Relay
- 5-Pin Main Harness
- 2-Pin LED Interface Harness
- 3-Pin Data Interface Harness



DRW-234

# [ Important Information ]

## **Product Description**

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The 103T Digital Failsafe Starter Kill is designed to be used as either a stand-alone passive/active starter kill or as an interface to DEI's ESP systems that use 3-pin data ports. The 103T features an illuminated dash-mounted keypad, code-protected emergency override, and Valet® code protection.

When used as a stand-alone starter kill, the 103T prevents the starter from cranking whenever the system is armed. You can control the 103T's basic functions from the dash-mounted keypad. Simply enter coded key sequences to control the starter kill functions.

The 103T can also be used as a serial controller for any of DEI's ESP systems. The ESP system LED can be plugged into the 103T's keypad port, so that the LED on the keypad functions as the main system LED. When connected to an ESP system, the 103T can be used to control such features as Panic, Valet Mode and emergency override.

# [ System Features ]

## Keypad Illumination

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Pressing any button will illuminate the keypad. The illumination will time out 5 seconds after the last key is pressed.






## PIN Code Security



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A personalized PIN code must be established to operate the various functions of the 103T. A PIN code can range from 1 to 10 digits. Any digit may be repeated. The default PIN code from the factory is **1234**.

### To program a new, personalized PIN code:

1. Make sure the system is disarmed or in Valet Mode.
2. Turn on the ignition.
3. Enter the existing PIN code and the press . The LED will flash once. EXAMPLE: To enter the factory default PIN code of 1234:

- Press  for 1.
- Press  for 2.
- Press  for 3.
- Press  for 4.
- Press  to enter the code.

4. Within 5 seconds, enter the new PIN code followed by  .  
The LED will flash twice.
5. Within 5 seconds, enter the new PIN code again followed by  . The LED will light solidly for 1 second.

The new PIN code has been programmed. The programming mode is exited if the ignition is turned off or if there is no activity for more than 5 seconds. If the PIN code programming mode is exited before a new PIN code is set, the unit will default to the existing PIN code.



## [ Operation as a Stand-Alone Starter Kill ]

### Arming

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When armed, the 103T will interrupt the starter wire when any attempt is made to start the vehicle. The 103T can be passively or actively armed. Passive arming occurs automatically 15 seconds after the ignition is turned off.

#### To actively arm the unit:

1. Press  .
2. Press  (labeled ARM on the keypad). The system will arm immediately.

The LED will flash steadily to indicate that the system is armed.





## Disarming

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The system may be disarmed whether the ignition is on or off.

### To disarm the system:

1. Enter your personalized PIN code followed by . The keypad is now disarmed.
  - If the ignition is off, the unit will disarm, but the LED will flash rapidly to indicate that the system will rearm in 15 seconds.
  - If the ignition is on, the system will disarm and the LED will turn off.
  - If an error is made while entering the PIN code, simply press  to start over. If the PIN code is entered incorrectly three times, the trigger sequence will begin.
  - If the ignition is turned on before entering the PIN code, the unit will honk the horn once (if connected). If the correct PIN code is not entered within 5 seconds, the trigger sequence will begin.

### Trigger Sequence (optional)

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When disarming, if the correct PIN code is not entered in three attempts or within 5 seconds after the ignition is turned on, the unit will honk the horn (if connected) for 30 seconds. If the ignition remains on, the unit will trigger again, up to four times. If the unit has triggered four times, it will reset and trigger again if the ignition is cycled. The unit will also trigger each time three errors in PIN entry occur.

**NOTE:** When using the 103T as a stand-alone starter kill, the optional horn honk feature must be installed in order for the trigger sequence to work.

## Panic Mode (optional)

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If you are threatened in your vehicle, you can enter Panic Mode to attract attention. Panic Mode will trigger the system and honk the horn (if connected) for 30 seconds. The starter kill and state of the system (armed or disarmed) are not affected by the Panic Mode trigger sequence.

### To enter Panic Mode:

1. Press .
2. Press  (labeled PANIC on the keypad).

The same Panic Mode keypad sequence may be used to stop Panic Mode at any time.



**NOTE:** When using the 103T as a stand-alone starter kill, the optional horn honk feature must be installed in order for Panic Mode to work.

## Valet Mode

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Valet® Mode prevents the system from arming and triggering. This feature is useful when washing or servicing your vehicle.

### To activate Valet Mode:

1. Make sure that the system is disarmed.
2. Press .
3. Press  (labeled VALET on the keypad). The system has now entered Valet Mode.

The same Valet Mode keypad sequence is used to deactivate Valet Mode.

**NOTE:** If an incorrect sequence of buttons is pressed while attempting to exit Valet Mode, the system will ignore any new attempts to exit Valet Mode for 5 seconds.

The LED will remain lit when the unit is in Valet Mode and the ignition is off. As a power-saving feature, the LED will turn off after 60 minutes and will come back on each time the ignition is cycled. When the ignition is on, the LED will automatically turn off.

## [ Operation as an ESP Interface ]


When using the 103T as a serial interface for a DEI ESP security system, the 103T keypad can be used to control the ESP system's basic functions, such as panic, Valet Mode and emergency override. In this mode, the LED on the keypad functions as the main system LED, and the keypad's trigger sequence and the passive arming are disabled.


Please refer to your ESP system owner's guide for detailed descriptions of the following functions that can be controlled by the 103T keypad.

### **Disarming the ESP System**

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When disarming your ESP system, the ignition may be turned on or off. To disarm the ESP system:



1. Enter your personalized PIN code.
2. Press . The system is now disarmed.

If an error is made during the PIN code entry, simply press  to cancel and start over. If the PIN code is not entered correctly after three tries, your system's trigger sequence will begin.

### **Panic Mode**

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#### **To enter Panic Mode from the keypad:**




1. Press .
2. Press  (labeled PANIC on the keypad).

To stop Panic Mode at any time, repeat the above Panic Mode keypad sequence.

### **Valet Mode**

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#### **To activate Valet Mode of the ESP system:**

1. Enter your personalized PIN code, followed by .
2. Within 5 seconds, press .
3. Press  (labeled VALET on the keypad). The system has now entered Valet Mode.

The same Valet Mode keypad sequence is used to deactivate Valet Mode.



**NOTE:** If an incorrect sequence of buttons is pressed while attempting to exit Valet Mode, the system will ignore any new attempts to exit Valet Mode for 5 seconds.

The LED will remain lit when the unit is in Valet Mode and the ignition is off. As a power-saving feature, the LED will turn off after 60 minutes and will come back on each time the ignition is cycled. When the ignition is on, the LED will automatically turn off.

## Arming With Entry Delay

**NOTE:** This feature may not currently be available with your ESP system. Please consult the Security and Convenience Expansions section of your ESP model owner's guide to determine if this feature is compatible with your system.

To arm your ESP system with a 15-second entry and exit delay:

1. Press .
2. Press  (labeled ARM on the keypad). The system is now armed.

## [ Glossary of Terms ]

**Control Unit:** The “brain” of your system. Usually hidden underneath the dash area of the vehicle. It houses the microprocessor which monitors your vehicle and controls all system functions.

**FailSafe® Starter Kill:** An automatic switch controlled by the system which prevents the vehicle's starter from cranking whenever the system is armed. The vehicle is never prevented from cranking when the system is disarmed, in Valet® Mode, or should the starter kill switch itself fail.

**LED:** A light on the 103T keypad that is used to indicate the status of your system.

**Trigger or triggered sequence:** This is what happens when the system “goes off” or “trips.” The 103T's triggered sequence consists of 30 seconds of horn honking.


Cut along dotted line and fold for a quick and easy reference to keep in your purse or wallet.

## QUICK REFERENCE GUIDE






### To illuminate the keypad:

Pressing any button will illuminate the keypad.


### To program a new, personalized PIN code:

1. Make sure the system is disarmed or in Valet Mode.
2. Turn on the ignition.
3. Enter the existing PIN code and the press . The LED will flash once.

**EXAMPLE:** To enter an existing PIN code of 1234:

- Press  for 1.
- Press  for 2.
- Press  for 3.
- Press  for 4.
- Press  to enter the code.

### To disarm:

1. Enter your personalized PIN code followed by .



### To enter or exit Panic Mode:

1. Press .
2. Press  (labeled PANIC on the keypad).




**NOTE:** When using the 103T as a stand-alone starter kill, the optional horn honk feature must be installed in order for Panic Mode to work.

### To activate or deactivate Valet Mode:

When using 103T as stand-alone starter kill:

1. Make sure that the system is disarmed.
2. Press .
3. Press  (labeled VALET on the keypad). The system has now entered Valet Mode.

When using 103T as an ESP interface:

1. Enter your personalized PIN code, followed by .
2. Within 5 seconds, press .
3. Press  (labeled VALET on the keypad). The system has now entered Valet Mode.

**NOTE:** If an incorrect sequence of buttons is pressed while attempting to exit Valet Mode, the system will ignore any new attempts to exit Valet Mode for 5 seconds.

### To arm:

1. Press .
2. Press  (labeled on the keypad).

**NOTE:** When using the 103T as a serial interface for a DEI ESP system, this feature may not currently be available. Please consult the Security and Convenience Expansions section of your ESP model owner's guide to determine if this feature is compatible with your system.

## **The company behind this system is Directed Electronics, Inc.**

Since its inception, DEI® has had one purpose, to provide consumers with the finest vehicle security and car stereo products and accessories available. The recipient of more than 20 patents in the field of advanced electronic technology, DEI is ISO 9001 registered.

Quality Directed Electronics products are sold and serviced throughout North America and around the world.

Call **(800) 274-0200** for more information about our products and services.



DEI is an ISO 9001 registered company.

DEI is committed to delivering on time, the best products we know how to provide, and to constantly work with our customers and vendors to improve our products, quality, delivery and customer friendly features.



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