

VIPER®

Model **????**

Security and Remote Start
Owner's Guide

Directed®
E L E C T R O N I C S

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Government regulations

This device complies with Part 15 of 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 undesirable operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

To satisfy FCC RF exposure compliance requirements, this device should be used in hand-held, hand operated configurations only. The device and its antenna must maintain a separation distance of 20 cm or more from the person's body, except for the hand and wrists, to satisfy RF exposure compliance. This device is designed to be used in a person's hands and its operating configurations do not support normal transmissions while it is carried in pockets or holsters next to a persons' body.

This device complies with the Industry Canada Radio Standards Specification

RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interference to services authorized by IC. In addition, the user of this device must accept any radio interference that may be received, even if this interference could affect the operation of the device.

Warning:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Warning! safety first

The following safety warnings must be observed at all times:

Due to the complexity of this system, installation of this product must only be performed by an authorized Directed dealer.

When properly installed, this system can start the vehicle via a command signal from the remote control transmitter. Therefore, never operate the system in an enclosed area or partially enclosed area without ventilation (such as a garage). When parking in an enclosed or partially enclosed area or when having the vehicle serviced, the remote start system must be disabled using the installed toggle switch. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control transmitters to assure that the system does not unintentionally remote start the vehicle. THE USER MUST INSTALL A CARBON MONOXIDE DETECTOR IN OR ABOUT THE LIVING AREA ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST AT ALL TIMES REMAIN CLOSED. These precautions are the sole responsibility of the user.

Remote starters on manual transmission vehicles operate differently than those with automatic transmission because you must leave your car in neutral. You must read this Owner's Guide to familiarize yourself with the proper procedures regarding manual transmission remote starters. If you have any questions, ask your installer or contact Directed at 1-800-753-0600.

Before remote starting a manual transmission vehicle, be sure to:

- Leave the vehicle in neutral and be sure no one is standing in front or behind the vehicle.
- Only remote start on a flat surface
- Have the parking brake fully engaged



WARNING! It is the responsibility of the owner to ensure the parking/ emergency brake properly functions. Failure to do so can result in personal injury or property damage. We recommend the owner have the parking / emergency brake system inspected and adjusted by a qualified automotive shop bi-annually.

Use of this product in a manner contrary to its intended mode of operation may result in property damage, personal injury, or death. (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the keys in the ignition. The user must also have the neutral safety feature of the vehicle periodically checked, wherein the vehicle must not remotely start while the car is in gear. This testing should be performed by an authorized Directed dealer in accordance with the Safety Check outlined in the product installation guide. If the vehicle starts in gear, cease remote start operation immediately and consult with the authorized Directed dealer to fix the problem.

After the remote start module has been installed, contact your authorized dealer to have him or her test the remote start module by performing the Safety Check outlined in the product installation guide. If the vehicle starts when performing the Neutral Safety Shutdown Circuit test, the remote start unit has not been properly installed. The remote start module must be removed or the installer must properly reinstall the remote start system so that the vehicle does not start in gear. All installations must be performed by an authorized Directed dealer.

OPERATION OF THE REMOTE START MODULE IF THE VEHICLE STARTS IN GEAR IS CONTRARY TO ITS INTENDED MODE OF OPERATION. OPERATING THE REMOTE START SYSTEM UNDER THESE CONDITIONS MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. YOU MUST IMMEDIATELY CEASE THE USE OF THE UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED Directed DEALER TO REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. DIRECTED WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.

What is included

- The control module with Stinger™DoubleGuard®two-stage shock sensor
- Control center (installed out of sight on your vehicle) with integrated status LED and Valet override switch
- One five-button/2-way Supercode Responder LE Remote Control
- One five-button/ 1-way Supercode remote
- Revenger™Soft Chirp™six-tone siren
- A shut-down toggle switch
- Window decals
- Your warranty registration

Important information

Congratulations on the purchase of your state-of-the-art remote start and alarm system. Due to the complexity of this system, it must be installed by an authorized dealer only. Installation of this product by anyone other than an authorized dealer voids the warranty. All dealers are provided with a preprinted dealer certificate to verify authorization.

By carefully reading this Owner's Guide prior to using your system, you will maximize the use of this system and its features. You can print additional or replacement copies of this manual by accessing our web site at www.directed.com.

► Your warranty

Your warranty registration must be completely filled out and returned within 10 days of purchase. Your product warranty will not be validated if your warranty registration is not returned. Make sure you receive the warranty registration from your dealer. It is also necessary to keep

your proof of purchase, which reflects that the product was installed by an authorized dealer.

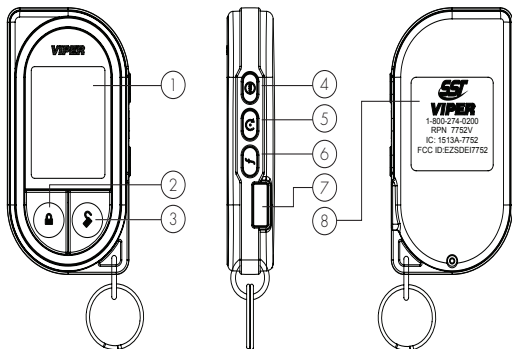
► **Replacement remotes**

Your system comes with one Responder LE remote control (P/N 7752V) and one companion remote control (P/N 7652V). If additional remotes are desired, please see your authorized dealer or visit www.directed-store.com to order.

► **Caution**

This product is designed for fuel injected vehicles only. Use of this product in a standard transmission vehicle must be in strict accordance with this guide.

Responder LC 2-Way



Feature	Description	
1	LCD	
2	Lock button	Press for one second to arm.
3	Unlock button	Press for one second to disarm.
4	Auxiliary button	Press and hold for 1.5 second to activate optional trunk release.
5	Remote start button	Press for one second to activate remote start.
6	Function button	Allows access to programming and modifies operation of the other buttons.
7	Charge Port	Plug in the battery charger to this port.
8	Label	Back of remote has label to identify the remote as 2-way or 1-way.
9	Battery Door	For accessing batteries when necessary.






Note: If Keypad Lock is On, press **f** and then press  to exit.

Responder LC 1-way

Feature	Description	
1	Transmit indicator	
2	Lock button	Press for one second to arm.
3	Unlock button	Press for one second to disarm.
4	Remote start button	Press for one second to activate remote start.
5	Auxiliary button	Press and hold for 1.5 second to activate trunk release.
6	Function button	Allows access to programming and modifies operation of the other buttons.
7	1 WAY Label	Back of remote has label to identify the remote as 2-way or 1-way
8	Battery Door	Remove to access batteries when necessary. For more details, see p.10




Note: If Keypad Lock is On, press **f** and then press  to exit.

► Transmitter configuration

Level Button	Direct Access	f x 1	f x 2	f x 3	f x 4
	ARM/LOCK (Panic)	SILENT ARM	SENSOR BYPASS	SILENT ALARM SENSORS	SILENT ALARM ALL ZONES
	DISARM/UNLOCK (Panic)	SILENT DISARM	VALET ON/OFF	CAR FINDER	
	STARTER ON/OFF	RESET RUNTIME	TIMER MODE ON/OFF	SMART START ON/OFF	DEFOGGER ON
	TRUNK RELEASE (Red/White)	AUX 1	AUX 2	AUX 3	
	Advance Level Change Car (3s) Enter program- ming (8s) *	REQUEST TEM- PERATURE *	RUNTIME REMAINING *	EVENT HISTORY REPORT *	

* **f** button must be pressed and **held** to access state.

Button

 Arm	Command: Press one time to Arm Feedback: Lock Icon will appear, and one beep from remote Notes: Press/hold for 1.5 seconds to Arm the system and then activate the Panic output
 Disarm	Command: Press one time to Disarm Feedback: Unlock icon appears and remote beeps twice Notes:
 Remote Start	Command: Press one time to activate Remote Start Feedback: Remote Start Icon appears on screen. remote emits a tone Notes:



AUX

Command:	Press and hold for 1.5 seconds to activate the Trunk Release.
Feedback:	The trunk icon appears and the remote plays a short tone.
Notes:	This is an optional feature. See your sales rep/installer for details.



Function
Shift

Command:	Press 1 to 4 times. (See Function shift table.)
Feedback:	Display shows a text message across the bottom for the command received.
Notes:	Each Press then release, shifts the function of the command button.

Pressing more than one button simultaneously generates an Error tone and the F-Shift LED turns ON.

Feature List:

Silent arm

Command: Press **f** one-time and then press 

Feedback: Screen changes to the lock icon

Notes: Arms the system without chirps

Silent disarm

Command: Press **f** one-time and then press 

Feedback: Screen changes to unlock icon

Notes: Disarms the system without chirps

Runtime reset

Command: Press **f** one-time and then 

Feedback: Remote start ON tones.

Notes: Re-starts the remote start runtime counter if remote start is active. Note: If remote start is not active, the 2-WAY remote will respond with error tone.

Aux 1

Command: Press **f** one time and then press 

Feedback: The screen will show a text of the item activated

Notes: This is an optional feature. See your sales rep/installer for details.


Cabin temperature

Command: Press **f** one time, then Hold for 1.5 seconds.


Feedback: Screen will display current in cabin temperature.

Notes: Cabin temperature is displayed on the remote. LED lights up to indicate a range.


Sensor Bypass

- Command:** Press **f** two-times and then 
- Feedback:** Screen will display text of sensor bypass
- Notes:** Available when armed only: bypasses warn triggers. Send again to bypass Warn & Full Trigger; Send again to turn bypass off and monitor sensors normally. For more information, see Modified Arming Modes.


Valet mode

- Command:** Press **f** two-times and then 
- Feedback:** Unlock Icon appears hollow and text states Valet when entering Valet mode.
Unlock Icon appears solid and text states Valet when exiting Valet mode
- Notes:** To enter or exit Valet mode, even if Armed. When entering Valet Mode the unlock LED blinks, and the remote beeps one time. When exiting Valet Mode the unlock LED blinks and the remote beeps two-times.

Timer mode

- Command:** Press **f** two-times and then 
- Feedback:** Small timer icon appears and text reads timer mode.
- Notes:** Enables or disables the remote start timer mode.


Aux 2

- Command:** Press **f** two times and then press 
- Feedback:** Text will display the item activated
- Notes:** This is an optional feature. See your sales rep/installer for details.


Armed status

- Command:** Press **f** two-times and then Hold for 1.5 seconds.
Feedback: Icon on remote will flash showing current status
Notes: Replays last Arm /Disarm status message received.


Armed (silent sensor mode)

- Command:** Press **f** three- times and then 
Feedback: Image of hollow siren appears and text reads Silent Sensor.
Notes: Arms the system; sensor Full Trigger will ONLY page the remote and will not activate the siren/lights. Wired inputs will page and activate the siren/lights.


Car finder

- Command:** Press **f** three-times and then 
Feedback: Icon of vehicle flashes and text reads car finder. On Vehicle: 1 long siren chirp and parking lights flash 10 times.
Notes: Arm/Disarm cancels the light flashes.

Smart start

- Command:** Press **f** three-times and then press 
Feedback: Text reads Smart Start On
Notes: Enables or disables the SmartStart feature.


Aux 3

- Command:** Press **f** three times and then press 
Feedback: Text will display the item activated
Notes: This is an optional feature. See your sales rep/installer for details.


Runtime check

- Command:** Press **f** three-times, and then Hold for 1.5 seconds.
- Feedback:** Text reads runtime and displays time left
- Notes:** Runtime remaining is displayed on the remote. (See page 28).

Armed (silent trigger mode)

- Command:** Press **f** four-times and then .
- Feedback:** Text displays Silent Full
- Notes:** Arms the system; sensor and hardwire Full Triggers will ONLY page the remote and will not activate the siren/lights. For more details see Silent Mode 2 section on page 25.

Rear defogger

- Command:** Press **f** four times, and then . (Only after remote start is on.)
- Feedback:** Defogger icon appears on remote and text reads Defrost On.
- Notes:** Automatically turns on during remote start.

Last trigger

- Command:** Press **f** four-times and then hold for 1.5 seconds.
- Feedback:** Text scrolls last trigger.
- Notes:** Trigger refers to the remote tones and LED pattern generated by the last alarm trigger event.

Out of Range Notification

If a command is issued from the remote, but the remote is beyond the range of the vehicle to receive the command, the remote will respond with an Out of Range notification. If this occurs, the remote will emit a harsh tone and the out of range indicator will appear.

Since conditions will vary in different areas (ie: Weather, RF interference, etc) range may be affected and require you to be closer to the vehicle for successful transmission.

► System maintenance

The system requires no specific maintenance. Your One way remote is powered by small coin cell lightweight 3-volt lithium battery that will last approximately one year under normal use. The 1-way remote uses one CR2032 cell battery. The 2-way remote contains a non-replaceable rechargeable battery. When the battery begins to weaken, the operating range will be reduced.

► Charging the Battery

- Plug in the USB charger (alternately a standard mini USB cable connected to any standard USB port on any laptop or desktop computer can also be used (cable not included)).
- The LCD displays "CHARGE" while the battery level bars within the battery icon flash, displaying the current charge level as the battery charges.
- When charging is complete the LCD then displays "FULL".

Note: If the battery has been severely discharged all remote functions are disabled for a short charge period. The battery status outline flashes

and CHARGE is displayed on the LCD. Once the battery has accumulated enough charge for functionality, the LCD icons initialize with a beep sound, the battery status outline stops flashing and the remote becomes operational while still displaying CHARGE.



Warning! The temperature range over which the battery can be charged is 0°C TO 45°C (32°F TO 113°F). Charging the battery at temperatures outside this range may cause severe damage to the battery or reduce battery life expectancy.

► Low battery indicator

When the batteries are low on the 2-way remote it will emit two groups of beeps, the battery icon will flash and the text will display low batt, the alarm then emits an additional chirp upon disarming of the alarm to let you know its time to change the battery. When the battery is low on the 1-way remote, the remote responds the same, but without the icons available on the two way remote.

Note: The Arm/Disarm chirps should be programmed ON for the alarm to emit any additional chirps during disarm. Ask your authorized dealer if you have any questions.

► Battery Replacement

Slide the door up to expose the battery beneath the holder. Remove the expired battery. Place the new battery into the remote control. When power is returned the remote control is ready for use.