

570T

➤ *Owner's Guide*

HORNET®

limited lifetime consumer warranty

For a period of one calendar year from the date of purchase of this auto-security device, Directed Electronics 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, 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, DIRECTED ELECTRONICS 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 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.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ANY AND ALL WARRANTIES ARE EXCLUDED BY THE MANUFACTURER AND EACH ENTITY PARTICIPATING IN THE STREAM OF COMMERCE THEREWITH. THIS EXCLUSION INCLUDES BUT IS NOT LIMITED TO THE EXCLUSION OF ANY AND ALL WARRANTY OF MERCHANTABILITY AND/OR ANY AND ALL WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY AND ALL WARRANTY OF NON-INFRINGEMENT OF PATENTS, IN THE UNITED STATES OF AMERICA AND/OR ABROAD. NEITHER THE MANUFACTURER OR ANY ENTITIES CONNECTED THEREWITH SHALL BE RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, TOWING, REPAIR, REPLACEMENT, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE. Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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 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

table of contents

limited lifetime consumer warranty	i
what is included	2
important information	2
system maintenance	2
your warranty	3
fcc/id notice	3
warning! safety first	3
transmitter functions	6
using your system	7
lock/unlock	7
remote start	7
timer mode	9
pit stop mode	10
learning transmitter	11
code hopping® re-synchronize	12
glossary of terms	13
quick reference guide :	15

what is included

- Control Module
- One 2-Button Transmitter
- 8-Pin Main H/1 Harness
- 3-Pin Door Lock Harness
- 6-Relay Wires
- Shutdown Toggle Switch
- Hood Pin Switch
- HF+ antenna receiver

important information

Congratulations on the purchase of your remote start system. This system has been designed to provide years of trouble-free operation. By carefully reading this owner's guide prior to using your system, you will maximize the use of this system and its features. Additional or replacement copies of this guide can be printed by accessing the Directed Electronics internet website at www.directed.com.

→ system maintenance

The system requires no specific maintenance. Your transmitter is powered by a miniature 12-volt battery (type GP23) that will last approximately one year under normal use. When the battery begins to weaken, the operating range will be reduced.

→ **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. Please note that it is necessary to keep your proof of purchase.

→ **fcc/id notice**

This device complies with Part 15 of FCC rules. Operation is subject to the following 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.

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:

- 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 area that does not have adequate ventilation. The following precautions are the sole responsibility of the user; however, the following recommendations should be made to all users of this system:

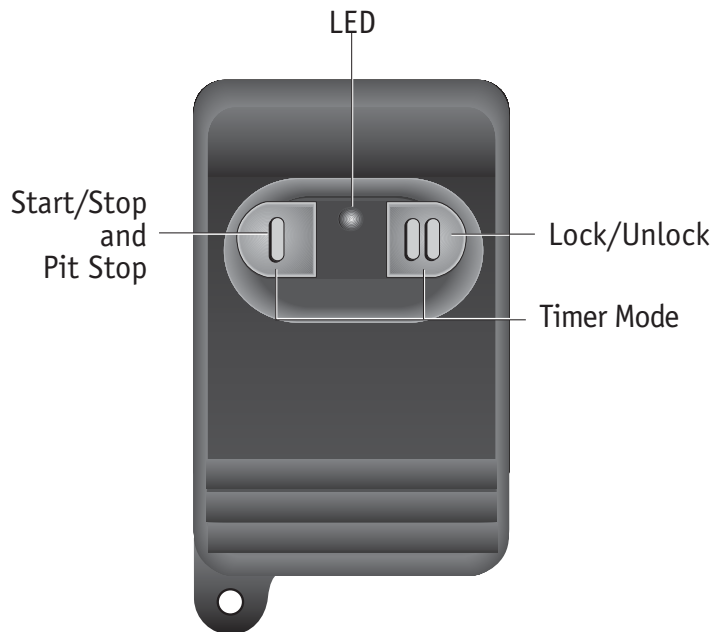
1. Never operate the system in an enclosed or partially enclosed area without ventilation (such as a garage).
 2. When parking in an enclosed or partially enclosed area or when having the vehicle serviced, the remote start system must be disabled using the toggle switch.
 3. It is the user's sole responsibility 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.
 4. **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.**
- Use of this product in a manner contrary to its intended mode of operation may result in property damage, personal injury, or death. Except when performing the Safety Check outlined in this user's guide, (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 will be responsible for having 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 this product installation guide. If the vehicle starts in gear, cease remote start operation immediately and consult with the Dealer to fix the problem immediately.



- After the remote start module has been installed, test the remote start module in accordance with the Safety Check outlined in this 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 properly reinstalled so that the vehicle does not start in gear. **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. IMMEDIATELY CEASE THE USE OF THE UNIT AND REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. DIRECTED WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.**

transmitter functions

The receiver uses a computer-based learn routine to learn the transmitter buttons.



Button Remote Start/Stop

Press the  button twice to remote start the vehicle. Press the  button twice again to stop the remote start.


Button Lock/Unlock

Press the  button once lock or unlock the vehicle doors.

Buttons and Timer Mode

These buttons when pressed twice simultaneously, engage timer mode. Press these buttons twice simultaneously again to exit timer mode.

Button Pit Stop


Press the  button twice for Pit Stop mode (with engine running).

using your system

lock/unlock

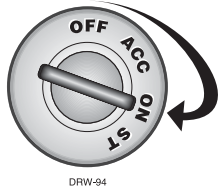
Press the  button to remotely lock or unlock your vehicle.

remote start

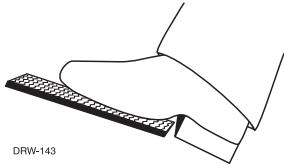
Press the  button twice to remotely start your vehicle. This feature makes it possible to warm up the engine, as well as adjust the interior temperature of the vehicle with the climate control system. If interior heating or cooling is desired, the climate controls must be preset, and the fan blower must be set to the desired level prior to remote starting the vehicle. The engine will run until you are ready to drive the vehicle or for 12 minutes maximum.

important! (1) **Never** remotely start the vehicle with the vehicle in gear, and (2) **Never** remotely start the vehicle with the key in the ignition, and (3) **Never** remotely start the vehicle in an enclosed area. (Garage)

When you are ready to drive the vehicle:




1. Insert the ignition key and turn it to the ON (not the START) position.



2. Press the brake pedal. The remote start will shut down and the doors will lock 3 seconds later if ignition controlled locking is programmed on.

note: If the brake pedal is pressed before the key is in the ON position, the engine will shut down.

While the vehicle is running during remote start operation, the system will monitor the vehicle and will automatically shut down the engine if the system receives any of the following shut-down inputs:



- The brake pedal is pressed.
- The hood is opened.
- The shutdown toggle switch is put into the ON position.
- The pre-programmed run time has elapsed (12-minutes).
- The  button is pressed twice.
- The tachometer is either too high or low (tachometer mode).
- The battery voltage is too low (voltage mode).

→ timer mode

This feature allows you to remotely start and run your vehicle for 12-minutes every 3 hours (for a maximum of 6 starts for cold weather conditions). This feature makes it possible to automatically warm up the engine and vehicle interior when temperatures are extremely cold. If interior heating or cooling is desired, the climate controls must be preset, and the fan blower must be set to the desired level prior to remote starting the vehicle.

important! **Never** remotely start the vehicle with the vehicle in gear. **Never** place the unit into Timer mode if the vehicle is parked in an enclosed area (Garage).

To remote start the vehicle in timer mode:

1. Press the  and  buttons twice simultaneously on the transmitter.
2. The parking lights will flash 4 times to confirm remote start timer operation. The vehicle will start and run for the timed duration. The vehicle can be remotely shut-down without exiting timer mode.
3. The vehicle will start every 3 hours, it will run for a period of 12-minutes or until a shutdown input is triggered.

Remote start timer mode is cancelled by:

- Activation of the ignition (turning the ignition key On)
- The car has started 6 times.


- The brake pedal is pressed.
- The hood is opened.
- The shutdown toggle switch is put into the ON position.

***note:** The stop button does not affect the 3-hour time interval between engine starts. If the engine fails to start on 3 attempts it is counted as one start in timer mode. The system will attempt to start again 3-hours later (if this wasn't its 6th start attempt).*

- Press the  and  buttons twice simultaneously on the transmitter.


pit stop mode

This feature allows you to exit the car and leave the engine running. Use the following procedure to **enter** Pit Stop Mode:

1. Place the transmission in park and put the parking brake on.
2. Leave the engine running.
3. Do not step on the brake.
4. Press the  button twice or activation input twice (see your installer regarding activation input). The parking lights will flash once to confirm pit stop mode and the doors will unlock if ignition controlled locking is programmed on.
5. Turn the key off and remove the key.

6. Exit and lock the vehicle.

Use the following procedure to **exit** Pit Stop Mode:

1. Enter the vehicle.
2. Place the key to ignition (not the crank or start position).
3. Step on the brake (this causes the system to exit Pit Stop Mode).
4. Or press the  button twice.

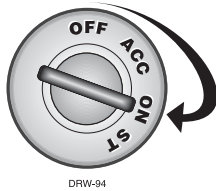
The doors will lock 3-seconds after the remote start shuts down if ignition controlled locking is programmed on.

learning transmitter


The system comes with one programmed transmitter. The receiver can store up to 4 different transmitter codes in memory. Additional transmitters (part no. 471T) can be ordered by contacting your local dealer.


Use the following procedure to add a transmitter to the system.

1. **Fuses.** Remove both fuses from the control module fuse holders then re-insert into main fuse holders.





2. **Key.** Turn the ignition to the ON position. The parking lights will turn On.

3. **Program Mode.** Press and hold the program button on the control module. The parking lights will flash Off and then back On to acknowledge program mode.
4. **Programming.** Press and hold  button on the transmitter. The parking lights will flash Off and then back On to acknowledge transmitter programming.

To add additional transmitters (within 10-seconds of the first transmitter) Press and hold  button on the additional transmitter.

code hopping[®] re-synchronize

If the transmitter is pressed many times out of range, or the battery is removed, the transmitter may get temporarily out of sync and fail to operate the system. To synchronize the transmitter, simply press  or  several times within range of the vehicle. The system will automatically synchronize and the transmitter will respond normally.

glossary of terms

Control Module: The “brain” of your system. Usually hidden under the dash area of the vehicle. It houses the microprocessor that monitors your vehicle and controls all system functions.

Transmitter: A hand-held, remote control which operates the various functions of your system.


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

QUICK REFERENCE GUIDE:



To remote start/stop using your remote

- Press  twice to start and twice again to stop the remote start.


To lock/unlock using your remote


- Press  once to lock and once again to unlock the vehicle doors.

To use timer mode

- Press both  and  buttons twice simultaneously. The parking lights will flash four times to confirm entry into timer mode operation (ignition off only).

To use Pit Stop mode (engine running)

- Parking brake On, transmission in Park, ignition On.
- Press  twice or activation input twice (don't hit the brake pedal)
- Exit and lock vehicle.


- To Exit pit stop mode, enter vehicle.
- Place the ignition key to the On (not start or crank) position.
- Depress brake pedal or press  twice.

QUICK REFERENCE GUIDE:



To remote start/stop using your remote

- Press  twice to start and twice again to stop the remote start.


To lock/unlock using your remote


- Press  once to lock and once again to unlock the vehicle doors.

To use timer mode

- Press both  and  buttons twice simultaneously. The parking lights will flash four times to confirm entry into timer mode operation (ignition off only).

To use Pit Stop mode (engine running)

- Parking brake On, transmission in Park, ignition On.
- Press  twice or activation input twice (don't hit the brake pedal)
- Exit and lock vehicle.

- To Exit pit stop mode, enter vehicle.
- Place the ignition key to the On (not start or crank) position.
- Depress brake pedal or press  twice.

The company behind this system is Directed Electronics

Since its inception, Directed Electronics has had one purpose, to provide consumers with the finest vehicle security and car stereo products and accessories available. The recipient of nearly 100 patents and Innovations Awards in the field of advanced electronic technology, DIRECTED 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.



Directed Electronics is an ISO 9001 registered company.

Directed Electronics is committed to delivering world class quality products and services that excite and delight our customers.

Directed[®]
E L E C T R O N I C S

Directed Electronics
Vista, CA 92081
www.directed.com

© 2005 Directed Electronics—All rights reserved
G570T 08-05