

## DIRECTED<sup>®</sup>

La compagnie derrière la Plateforme numérique intégrée d'AstroStart<sup>®</sup>.

Depuis sa création, le but premier de Directed est d'offrir aux consommateurs les meilleurs systèmes de sécurité et accessoires automobiles. Bénéficiaire de près de 100 brevets et de Prix d'Innovation dans l'industrie de la technologie électronique avancée.

Les produits de qualité Directed sont vendus et entretenus partout en Amérique du Nord et dans le monde entier.

Appelez au (800) 274-0200 pour avoir plus d'information au sujet de nos produits et services.

The company behind the AstroStart<sup>®</sup> Integrated Digital Platform is Directed.

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

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

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

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# AstroStart<sup>®</sup>

Systemes de démarrage à distance et de sécurité  
Remote Start & Security Systems

tout est à votre portée.<sup>MD</sup>  
nothing comes remotely close.<sup>TM</sup>

elite  
series



[www.astrostart.com](http://www.astrostart.com)

Directed s'engage à offrir des produits et services de qualité de classe mondiale qui raviront les clients.

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

## GUIDE DE L'UTILISATEUR OWNER'S GUIDE

MODÈLE  
MODEL

**DSP621**  
**DSP611**

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## Congratulations

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Congratulations on the purchase of your state-of-the-art AstroStart Digital System. Reading this Owner's Guide prior to using your system will help maximize the use of your system and its many features. For any additional questions please contact your authorized AstroStart dealer or Directed at 1-800-753-0600.

**Note:** Your system is configurable and may or may not include features such as remote start or security. This guide also covers optional features which may not be applicable to your system. Please speak with your dealer to find out which features are applicable.

# Important Information

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## Government Regulations and Safety Information



Read the **Government Regulations** and **Warning! Safety First** sections of this manual prior to operating this system.

**WARNING!** Failure to heed this information can result in death, personal injury or property damage and may also result in the illegal use of the system beyond its intended purpose.

## Your Warranty

Your system comes with a warranty. The warranty terms are detailed at the end of this guide. Make sure that you receive the proof of purchase from your dealer, indicating the product was installed by an authorized AstroStart dealer.

## Replacement Remote Controls

Please see your authorized dealer. Remote control part numbers are typically found on the back of the device.

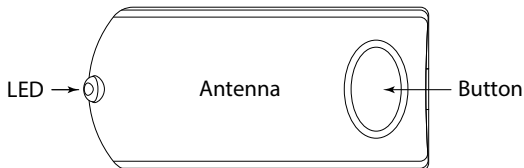
# Introduction

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## 1-button Remote Control

System State	Press/Release Button	Press/Hold for 3 sec.
Engine OFF	Start Engine	Car Finder
Engine ON	Unlock Doors	Stop Engine

## Antenna



The antenna, typically located on the upper part of the front windshield, sends and receives commands or messages to and from the system. It consists of:

- The LED, as a visual indicator of the system's status.
- The button, for accessing various feature, programming, and reporting functions of the system.

# Using the System

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## Start Engine

When the engine is OFF, **press** and **release** the remote control button to start the engine. If the remote start fails to turn on, the vehicle parking lights will flash to indicate the cause. Refer to the following table for the likely cause.

### Alert Conditions:

Parking Light Flashes*	Possible Cause	Solution
5	Brake ON	Release Foot Brake.
6	Hood Open	Close Hood.
7	After performing Remote Start command MTS not enabled.	Enabled MTS Mode.
9	Start Valet on	Turn Start Valet off

## Unlock Doors

When the engine is running with Remote Start, **press** and **release** the remote control button. The doors Unlock, the parking lights flash and the horn sounds (if connected) as confirmation.

## Stop Engine

When the engine is ON with Remote Start, **press** and **hold** the remote control button until the transmit LED flashes fast. The engine stops running and the parking lights turn OFF.

## Car Finder

When the engine is OFF, **press** and **hold** the remote control button for three seconds. The horn sounds (if connected) once and the parking lights flash multiple times.

## Valet Mode

Start Valet mode disables remote start features until turned off.

Use the following routine to manually turn on/off the Start Valet Mode:

1. **Turn** the ignition ON and then OFF.
2. **Press** and **hold** the Valet button for five seconds.  
The parking lights flash nine times in rapid succession when turned on, and nine times in slow succession when turned off.

## Emergency Override

The following procedure Disarms the system when a programmed remote is not available. Number of presses \_\_\_\_\_

1. **Turn** the ignition ON.
2. **Press** the Valet button the correct number of times (the default is 1 press). After a few seconds the siren output ceases and the system is Disarmed.

## Safety Sequence Mode

When installed into a manual transmission vehicle, the system requires that the Safety Sequence mode is properly set when parking. If Safety Sequence mode is not properly set or is defeated after being properly set the system will not start the engine.

1. With the engine running, press the foot brake then set the parking brake and leave the engine running.
2. Release the foot brake. As long as the engine is running there is no time limit to perform this step.
3. Within 20 seconds of foot brake release, press the remote control button.
4. The parking lights flash 5 times to confirm Safety Sequence mode is enabled and the remote start activates the ignition outputs. The 2-way remote confirms by playing the On tones.



5. Turn off and remove the key from the ignition switch, the engine remains running.
6. Exit the vehicle, close all the doors and press and hold the remote control button.
7. The engine turns off and after a few seconds, the 2-way remote confirms by playing the Off tones.

## Battery Information

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The 2-way remote 2621-TX\*, is powered by two coin cell batteries (CR-2016), and the 1-way remote 2611-TX, is powered by a single coin cell battery (CR-2032). Operating range diminishes as battery charge depletes.

### Low Battery Alert

When unlocking the vehicle using a remote control with a low battery charge, the system provides a notification by emitting a third horn honk output (if connected). If confirmation chirps are programmed off, the system still emits one horn honk when unlocking. After performing a command with the remote control, several beeps play to indicate the battery/batteries need replacing. Once the alerts begin, the remote control will remain operational for several days but the battery/batteries should be replaced at the earliest opportunity or failure to control the system may occur.

### Battery Replacement

1. **Unscrew** the hardware on unit rear and remove from housing (if present).
2. **Use** a small flat blade screwdriver and **insert** it into the slot located along the bottom of the remote, near the key ring. Carefully **pry** open the case.
3. Gently **slide** out the used battery/batteries to remove it from the holding clip. **Orient** the new battery for the correct polarity and **insert** into holding clip.
4. **Realign** the case parts and **snap** together by pressing firmly and evenly on the front and back. **Reinstall** screw (if present).

## Battery Disposal



Directed cares about the environment. If you need to dispose of the battery, please do so in accordance with your municipal requirements for battery disposal.

\* **Note:** Your system may not include the 2-way remote 2621-TX.

## Patent Information

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This product is covered by one or more of the following United States patents:

Remote Start Patents:

5,349,931; 5,872,519; 5,914,667; 5,952,933;  
5,945,936; 5,990,786; 6,028,372; 6,467,448;  
6,561,151; 7,191,053; 7,483,783

Vehicle Security Patents:

5,467,070; 5,532,670; 5,534,845; 5,563,576;  
5,646,591; 5,650,774; 5,673,017; 5,712,638;  
5,872,519; 5,914,667; 5,952,933; 5,945,936;  
5,990,786; 6,028,505; 6,452,484

Other patents pending.

## Government Regulations

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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.

### Remote Controls

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 person's body.

### Antenna

To satisfy FCC RF exposure compliance requirements, 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 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

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Please read the safety warnings below before proceeding. Improper use of the product may be dangerous or illegal.

### Installation

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

### Remote Start Capable

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 "Start Valet" procedure found under "Valet Modes" in this guide. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control remote controls to assure that the system does not unintentionally remote start the vehicle. IT IS RECOMMENDED THAT THE USER INSTALL A CARBON MONOXIDE DETECTOR IN THE LIVING AREAS ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST BE CLOSED AT ALL TIMES. These precautions are the sole responsibility of the user.

### Manual Transmission Vehicles

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 authorized AstroStart dealer.

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 biannually.

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 AstroStart 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 AstroStart 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 AstroStart 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 CAUSE THE VEHICLE TO UNEXPECTEDLY LUNGE FORWARD RESULTING IN PROPERTY DAMAGE OR SERIOUS PERSONAL INJURY INCLUDING DEATH. YOU MUST IMMEDIATELY CEASE THE USE OF THE

UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED ASTROSTART DEALER TO REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. ASTROSTART WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.

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.

This product should not be installed in any convertible vehicles, soft or hard top with a manual transmission. Installation in such vehicles may pose certain risk.

### **Interference**

All radio devices are subject to interference which could affect proper performance.

### **Upgrades**

Any upgrades to this product must be performed by an authorized AstroStart dealer. Do not attempt to perform any unauthorized modifications to this product.

### **Water/Heat Resistance**

This product is not designed to be water and/or heat-resistant. Please take care to keep this product dry and away from heat sources. Any damage from water or heat will void the warranty.



## **Limited Lifetime Warranty**

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**LIMITED LIFETIME WARRANTY ON REMOTE CONTROL STARTER MODULE TWO (2) YEARS WARRANTY ON THE RECEIVER AND THE TRANSMITTERS TWO (2) YEARS WARRANTY ON THE ACCESSORIES**

### **ASTROSTART® REMOTE CONTROL STARTERS (MODULE) – LIMITED LIFETIME WARRANTY**

Directed Electronics Canada, Inc., manufacturer of AstroStart remote control starters (the Product), warrants to the original end-user purchaser that the main control module (Module) shall be free of defects in materials and/or workmanship for a limited lifetime provided the original end-user purchaser continuously owns the vehicle the Product was originally installed in and the Product remains continually installed in the vehicle during the warranty period. In accordance with the terms of this limited warranty, Directed Electronics Canada, Inc., at its expense (subject to exceptions stipulated thereafter) shall repair or replace the Product which is proven defective.

### **ASTROSTART® RECEIVER & TRANSMITTERS – (COMPONENT)**

Directed Electronics Canada, Inc. warrants to the original end-user purchaser that any AstroStart Receiver or Transmitter (Component) part provided contemporaneously with the main Product (Module) shall be free of defects in materials and/or workmanship for a period of two (2) years from the date of purchase, provided the original end-user purchaser owns the vehicle that the main Product (Module) the Component was provided for, remains continually installed in the vehicle. In accordance with the terms of this warranty, Directed Electronics Canada, Inc., at its expense, shall repair or replace (subject to exceptions stipulated thereafter) the Components which are proven defective.

### **ASTROSTART® ACCESSORIES – (ANY OTHER ELECTRONIC MODULE)**

Directed Electronics Canada, Inc. warrants to the original end-user purchaser that any AstroStart Accessory part installed contemporaneously with the main Product (Module) shall be free of defects in materials and/or workmanship for a period of two (2) years from the date of purchase

provided the original end-user purchaser owns the vehicle the Accessory was originally installed in and the Accessory remains continually installed in the vehicle. In accordance with the terms of this warranty, Directed Electronics Canada, Inc., at its expense, shall repair or replace (subject to exceptions stipulated thereafter) the Accessory which are proven defective.

#### **WARRANTY LIMITATIONS**

- The warranty period begins on the date the Module, Component or Accessory was purchased. In the event the date of purchase cannot be verified by the purchase invoice, the manufacturer's date indicated on the Product, Component or Accessory covered by this warranty shall be the date the warranty period begins.
- Installation or service of any Module, Accessory or Component covered by any of the Directed Electronics Canada, Inc. warranties, must be performed by an authorized Directed Electronics Canada, Inc. technician.

#### **WARRANTY IS VOID IF**

- The main control Module or Accessory (excluding accessories that require the insertion of a key, example; Cut II) are opened.
- The manufacturing date sticker is removed or damaged.
- The Product (i) is defective or has been damaged due to accident, neglect, fire, misuse, flood, lightning, shipping and handling, or any other condition beyond the control of Directed Electronics Canada, Inc., (ii) has been altered in any way, (iii) has been installed or repaired by anyone other than an authorized technician, or (iv) has been installed or used in an inappropriate manner.

#### **WARRANTY DOES NOT COVER**

- Any damage to the unit caused by the removal, installation or maintenance of the Product, Accessory or Component, any labour cost for the removal, reinstallation or maintenance of the Product, Accessory or Component, shipment of the defective Product,

Accessory or Component to Directed Electronics Canada, Inc., return of the repaired or replaced Product, Accessory or Component.

- Wires, cables or switches.
- Batteries.
- Remote transmitter cases or the rubber button membrane from wear or damaged in use.

## **OWNER'S RESPONSIBILITIES FOR ALL WARRANTY RETURNS**

\*\*For all problems, the customer is asked to present themselves to an authorized Directed Electronics Canada, Inc. dealer with the following\*\*

- A clear copy of the sales receipt, of the Product, Accessory or Component showing all the following:
  - o Date of purchase.
  - o Customer's full name and address.
  - o The authorized dealer's company name and address.
  - o The type of product installed.
  - o The year, make, model and color of the vehicle.
  - o The vehicle license number and/or the vehicle identification number.

## **WARRANTY TEXT**

ASTROSTART SECURITY SYSTEMS ARE DETERRENTS AGAINST POSSIBLE THEFT. DIRECTED ELECTRONICS CANADA, INC. IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE OR THEFT OF THE VEHICLE, ITS PARTS OR CONTENTS; AND HEREBY EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY OF THEFT, DAMAGE AND/OR VANDALISM. DIRECTED ELECTRONICS CANADA, INC. DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THIS SECURITY SYSTEM.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS OR IMPLIED. TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NONINFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED, AND DIRECTED ELECTRONICS CANADA, INC. NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR

ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED ELECTRONICS CANADA, INC. DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. DIRECTED ELECTRONICS CANADA, INC.'S WARRANTY OBLIGATIONS AND PURCHASER'S REMEDIES HEREUNDER ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

THIS WARRANTY DOES NOT COVER ANY LABOUR COSTS FOR MAINTENANCE, REMOVAL OR REINSTALLATION OF THE UNIT OR ANY CONSEQUENTIAL DAMAGES OF ANY KIND IN THIS RESPECT. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED ELECTRONICS CANADA, INC. OR ITS SUBSIDIARY; THE PROPER VENUE SHALL BE IN THE PROVINCE OF QUEBEC. QUEBEC PROVINCIAL LAWS AND APPLICABLE CANADIAN FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED ELECTRONICS CANADA, INC. SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED ELECTRONICS CANADA, INC. DEALER'S PURCHASE PRICE OF THE UNIT. DIRECTED ELECTRONICS CANADA, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. THE WARRANTY FROM DIRECTED ELECTRONICS CANADA, INC. SOLELY AND EXCLUSIVELY APPLIES TO THE PRODUCT ITSELF. A CLAIM SETTLEMENT DOES NOT CONSTITUTE AN ACKNOWLEDGEMENT OF LIABILITY FROM DIRECTED ELECTRONICS CANADA, INC. OR ANY OF ITS AUTHORIZED DEALERS OR INSTALLERS.

Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Similar exclusions or limitations, including those as to non-assignment, may be applicable in some Canadian provinces. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or province to province.

This warranty contains the entire agreement relating to warranty and supersedes all previous and contemporaneous representations or understandings, whether written, implied or oral.

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