

2-WAY/1-WAY REMOTE
CONTROL ENGINE STARTER

AstroStart[®]

USER MANUAL



AF-RFS2625 AF-RFS2615

2-WAY/1-WAY SST
5-button REMOTE STARTER
with LED

CONSULT SAFETY PRECAUTION SECTION
BEFORE USING THIS PRODUCT.
SOME FEATURES MAY REQUIRE
ADDITIONAL MATERIAL (NOT INCLUDED).

Contents

Getting Started.....	3
Keys to using this manual.....	3
2625-TX 2-Way & 2615-TX 1-Way Remote Controls.....	4
Advanced Remote Control Commands.....	4
Basic Commands.....	5
Remote Start.....	5
Lock.....	5
Unlock.....	5
Trunk.....	5
Advanced Commands.....	6
Panic.....	6
Utility 1.....	6
Utility 2.....	6
Battery Check Level (2625-TX only).....	6
Remote Features.....	7
Keypad Lock.....	8
Page Mode.....	8
Car 2.....	8
Remote Beep.....	9
Remote Start Features.....	9
Disabling Remote Start.....	9
Remote and System Operations.....	10
Out of Range.....	10
No Remote Output.....	10
Battery Information.....	11
Low Battery.....	11
Low Battery Alerts.....	11
Government Regulations.....	12
Remote Controls.....	12
Antenna.....	13
Warning! Safety First.....	14
Limited Lifetime Warranty.....	15



Getting Started

Keys to using this manual

Specific actions (in bold type) and style conventions are used consistently throughout this manual, they are as follows:

- **Press:** implies pushing in and the remote will play the transmit beep to send the command.
- **Hold:** is used after Press actions. The remote will play a second set of transmitter beeps to inform the user that the other sets of command will be transmitted.
- *Italicized* words denote section/sub headings in this guide and can be located through the table of contents.
- An asterisk (*) when used after a word or phrase denotes that additional details can be found in related sections usually noted at the bottom of the page or end of the section.
- Confirmation LED's are identified by the command/function button they are associated with.

2625-TX 2-Way & 2615-TX 1-Way Remote Controls

Feature	Description
Command buttons 	Used to perform arming, disarming, utility channel and remote start commands.
P button 	Used to access function levels for commands, configuration menus for programming, Car Selection, and to access other advanced commands.
Confirmation LED's*	Each button has an associated LED next to it that are active during related operations. These LED's are labeled respectively as: Lock LED, Unlock LED, Remote Start LED and Trunk LED.

- * 2-way communication is only applicable to the 2625-TX remote control.

Advanced Remote Control Commands



Refer to your authorized AstroStart dealer for more information on advanced remote start commands that are specific to each vehicle.

Basic Commands

Remote Start

Press and release .

Activates (or if ON, deactivates) the remote starter. The engine and parking lights turn ON and the Remote start LED and ON tones play¹, or the engine and parking lights turn OFF and the Remote start LED and OFF tones play to confirm¹. The runtime on the remote starter is predetermined based on vehicle application. The remote starter will shut down when the preset runtime times out or when any shutdown zone becomes active.

Note Refer to the **Quick Start User Guide** for more information.

Lock

Press and release .

The doors lock (if connected) and parking lights flash once. The Lock LED illuminates and beeps play to confirm¹.

Unlock

Press and release .

The doors unlock (if connected) and parking lights flash twice. The Unlock LED illuminates and beeps play to confirm¹.

Trunk

Press and hold .

The Trunk opens (if connected) when this button is pressed for 5 seconds. The Aux LED illuminates and tones play to confirm¹.

¹ Confirmation LEDs, beeps and tones are only applicable to the 2625-TX remote control.



Advanced Commands





Refer to your authorized AstroStart dealer for more information on advanced commands that are specific to each vehicle.

Panic

Press and hold .


The car locks and after 3 seconds, sounds the horn and flashes the parking lights. The confirmation LED's flash and the siren plays tones to confirm. Press the  or  to stop Panic mode.

Utility 1

Press  button once, then **press** and release  button.

Activates (or if ON, deactivates) the Utility 1 output. The Lock LED illuminates and ON or OFF tones play to confirm (2625-TX only).

Utility 2

Press  button once, then **press** and release .

Activates (or if ON, deactivates) the Utility 2 output. The Unlock LED illuminates and ON or OFF tones play to confirm (2625-TX only).

Battery Check Level (2625-TX only)

Press  button twice, then **press** and release .



Displays the battery level of the remote.

Example:





Three LEDs: less than 75% battery remaining.

One LED: less than 25% battery remaining.




Remote Features

1. **Press** and **hold** the  button for 5 seconds, the remote emits one long beep and the transmit LED turns ON.
2. **Press** the  button to access the remote operation features. The transmit LED remains ON and the remote emits one long beep to indicate the remote features menu is accessed. **Press** the buttons indicated in the tables below to set the feature option.

2625-TX: The confirmation LED's next to the button indicate the feature settings.

Feature	Button Press	LED ON	LED OFF	LED Flash
Keypad Lock		Auto	OFF*	
Remote Beeps		Beeps ON*	Beeps OFF	
Page Mode		ON*	OFF	Auto
Car 2 Settings		Enabled	Disabled*	

2615-TX: The 1-way remote will flash the transmit LED to indicate the setting.

Feature	Button Press	1 beep/flash	2 beeps/flash
Remote Beeps		Beeps ON*	Beeps OFF
Keypad Lock		Auto	OFF*
Car 2		Car 2 ON	Car 2 OFF*

* Indicates default setting.

3. Remote programming will exit by itself after 30 seconds and the transmit LED will turn OFF.

Keypad Lock

Options: **OFF***, AUTO

When OFF, the buttons do not lock and always perform a command when pressed. When set to AUTO, the remote buttons lock after a 10 second lapse between buttons presses to prevent unintentional operations. If a button is pressed when locked the a fault tone plays as an alert. The 2615-TX emits the fault tone only.

To unlock the buttons, press and hold the **(P)** button. The transmit LED turns ON and tones play to confirm unlocking.

Page Mode

Options: **ON***, OFF, AUTO

Paging is how the 2625-TX remote monitors your system's messages. AUTO extends battery life by turning Paging OFF after one minute if the remote control is not used during this period. Just press any button to resume system monitoring. When set to ON it wakes up every few seconds to listen for pages from the system. When set to OFF it does not wake up to receive alarm trigger pages.

Note: When OFF, responses are still received when a command is performed and when remote start has been activated but alarm trigger pages will not be received.

Car 2

Options: **OFF***, ON

The 2625-TX and 2615-TX remote controls can control two systems independently. When set to OFF, the Car Select feature is not available. When set to ON the Car Select feature is enabled. See "Car Select" (under *Remote and System Operations*) for detail on using a remote with two systems.

Remote Beep

Options: **ON***, OFF

The 2625-TX emits a beep as confirmation of button presses and command responses. When set to OFF, beeps are not emitted for any operations except programming.

For 2615-TX remote control, OFF will mute all beeps except when programming.

To save changes and exit the remote feature programming mode, press the **(P)** button twice the Lock LED shuts OFF confirming exit and plays a two-toned beep.

Remote Start Features



Refer to your authorized AstroStart for more information on remote start features that are specific to each vehicle.

Disabling Remote Start

Remote start can be disabled by moving the Toggle Switch to the OFF position. If remote start is attempted while OFF, the engine will not start. Move the switch back to the ON position to resume normal operation.

Note

Consult the installation specialist for the location of Toggle switch.

Remote and System Operations

These Remote and System Operations are only applicable to 2625-TX remote control.

Out of Range

Each time a command is performed the 2625-TX will expect a command confirmation from the system. If a command confirmation is not received, the transmit LED turns solid ON for a few seconds and a long beep plays as an alert.

No Remote Output

Occasionally when a command is performed the remote may not generate a command confirmation output or Out of Range output. This indicates that the system received the command but it was an incomplete command (e.g. TRUNK button pressed too short to activate the trunk release) or it was an illegal message (e.g. the command was corrupted due to local RF interference). These are temporary normal functions of the system and remote, perform the command again within 10 seconds to return to normal operation.

Battery Information

The 2625-TX remote is powered by 2 batteries (PN CR-2016) and the 2615-TX remote by 1 battery (PN CR-2032) that can be purchased at most retailers. When the battery begins to weaken, the operating range will be reduced. The information and precautions in this section can help maximize your battery's life and usage in providing your remote controls with many months of trouble free operation.

Low Battery

After a command is performed the 2625-TX & 2615-TX remote control check their battery level and, when the level requires attention, will begin generating alerts. Once the alerts begin, the remote controls 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.

Low Battery Alerts

After performing a command, several beeps play on the remote control to indicate the battery/batteries need replacing.

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.

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



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 installed menu wheel. 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.

Interference

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

Upgrades and Batteries

Any upgrades to this product and/or installation of batteries 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

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)

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:

- Date of purchase
- Customer's full name and address
- The authorized dealer's company name and address.
- The type of product installed.
- The year, make, model and color of the vehicle.
- 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 NON-INFRINGEMENT 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.