

Congratulations

Congratulations on the purchase of your state-of-the-art remote start and security 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.

Important information

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 found on the back of the device.

2-way communication

Throughout this guide, there are references to 2-way communication and/or confirmation of commands via the 2-way remote control.

Please note that your system may not be equipped with a 2-way remote control so such feedback will not apply. For example, under "Lock" in the "Basic Commands (Direct Access)" section, the guide states: "... Lock LED turns on with 1 beep." Such references only apply to systems with a 2-way remote control. If you would like to upgrade to a 2-way remote control, please consult your authorized Directed dealer. Additional parts and labor may apply.

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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 Control

Feature	Description
Command buttons (4) 	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.

Antenna



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

- The Status LED, as a visual indicator of the system's status.
- The Antenna button, for placing the system into Valet Mode*.

* See "Valet Mode" on page 32 section for details.

Using your System

Commands and Confirmations

Commands, Basic or Advanced, are used to activate system features and are performed by pressing one of the Command buttons. Basic commands control the most often used security and remote start features while Advanced commands control more specialized features and request reports.

Confirmations for Basic or Advanced commands are indicated first by horn/siren* and parking light flashes, and then by illuminated LED's and beeps or tones on the remote control. A description of each feature confirmation is found in the following Basic command and Advanced command sections. Both the 2625-TX 2-way remote and 2615-TX 1-way remote operate the same way, with the exception of confirmations/alerts which is only applicable to the 2-way.

Performing Commands

Perform Basic commands by pressing a Command button (Confirmation LED's are off).










Perform Advanced Commands by first accessing Levels 1-4 using the **P** button and then by pressing a Command button while within a Level.

Advanced command example: Silent Lock

1. **Press** the **P** button once to access Function Level 3.
2. **Press** the **L** button to perform the Silent Lock command.
3. The Lock LED illuminates to confirm when the Silent Lock message from the system is received.

* This feature must be installed by an authorized Directed dealer.

Remote Control Command table

Level Button	Direct Access	 x 1 LEVEL 1	 x 2 LEVEL 2	 x 3 LEVEL 3	 x 4 LEVEL 4
	Arm/Lock (Panic)	Utility 1	Utility 3	Silent Lock	Car Finder
	Disarm/Unlock	Utility 2	Utility 4	Silent Unlock	
	Remote Start	Runtime Remaining*	Alarm Valet	Low Temperature Mode	Timer Start Mode
	Trunk	Rear Defogger	Battery Level*		
	Advance Level, Change Car (1.5 sec), Enter programming (5 sec)				

*Not available for 2615-TX remote control

Fault Condition Alerts

If, when performing a command, a condition exists that does not allow activation of an Alarm feature* or Remote Start feature**, a fault tone plays to alert of the fault condition.

- * Alarm feature not available when the system status is incorrect upon receiving the command. (Example: Arming the car while Alarm Valet is enabled).

Refer to the notes included in the following command descriptions that address these faults or go to *Feature not Available* under the “*Remote and System Operations*” on page 31 for details.

- ** Remote Start feature not available when the Remote Start status is incorrect upon receiving the command. (Example: Remote Start attempt while Safety Sequence mode was not complete).

Refer to the notes included in the command descriptions that address these faults or go to *Remote Start Faults* under the “*Remote Start Features*” on page 25 for more details.

Basic Commands (Direct Access)

Lock/Arm



Press and release 

The alarm arms, doors lock (if connected), and the horn/siren sounds and parking lights flash once. The Lock LED and beeps play to confirm. If Valet mode* is On, the doors lock and the Lock LED and a fault tone plays. Exit Valet mode to arm the alarm normally (if system is programmed with security features).

If a trigger zone fault is detected the horn/siren sounds once again and the remote will emit a Trigger Zone Fault Report**, the Lock LED and a fault tone plays. (Applicable only when alarm feature is installed.)

To Lock and Panic

Press and hold 

The alarm Arms (or Locks in Valet) and, after three seconds, sounds the horn/siren and flashes the parking lights. The confirmation LED's flash and siren tones play to confirm. Press the  or  button to stop the output.

Unlock/Disarm

Press and release 

The alarm disarms (if installed), doors unlock (if connected), and the horn/siren sounds and parking lights flash twice. The Unlock LED and beeps play to confirm. If Valet mode* is On, the doors unlock and the Unlock LED and fault tones play.

If system is programmed with security features, an Alarm Report** will replace the disarm output if the alarm was triggered; the siren will chirp four times, and the Unlock LED and alarm triggered tones play to alert of the report.

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 play, or the engine and parking lights turn Off and the Remote start LED and Off tones play to confirm. If a Remote start configuration issue prevents the engine from starting, a fault tone plays while the parking lights flash a Remote Start fault report*** to identify the fault.

Trunk

Press and release 

The remote will generate a report status using the confirmation LED's and beeps once to display the system's current status (Lock, Unlock, Engine is running.)

Press and hold 

The Trunk opens (if connected) when this button is pressed for 4 seconds. The Trunk LED and tones play to confirm.


* See "Valet Mode" on page 32 for details.

** See "Trigger Zone Fault Report" on page 23 for details.

*** See "Remote Start Faults" on page 29 for details.

For Manual transmission vehicles see "Safety Sequence Mode" on page 28 for more details.

Advanced Commands: (Level 1)

Press and release the  button one time first, before pressing one of the following command buttons.

Utility 1

Press and release 

Activates (or if On, deactivates) the Utility 1 output. The Lock LED and On tones or Off tones play to confirm.

Utility 2

Press and release 

Activates (or if On, deactivates) the Utility 2 output. The Unlock LED and On tones or Off tones play to confirm.

Runtime Remaining

Press and release 

Requests the remaining Remote start runtime and temporarily displays it in 4 increments using the confirmation LED's.

Example for 12 minute runtime:

- Three LED's: six to nine minutes remaining (50 - 75% of time selected).
- One LED: less than three minutes remaining (<25% of time selected).


Rear Defogger

Press and release 

Activates the vehicle Defogger circuit (if connected) while Remote Start is activated and the parking lights flash three times. The Remote start LED and defogger melody play to confirm. For convenience, the Defogger circuit will also automatically activate 10 seconds after remote starting if the temperature is below 55°F/13°C.

Note Remote Start must be active to use this feature.

Advanced Commands: (Level 2)

Press and release the  button two times first, before pressing one of the following command buttons.

Utility 3

Press and release 

Activates (or if On, deactivates) the Utility 3 output. The Start LED and On tones or Off tones play to confirm.

Utility 4

Press and release 

Activates (or if On, deactivates) the Utility 4 output. The Trunk LED and On tones or Off tones play to confirm.

Alarm Valet

Press and release 

Enters (or if On, exits) Valet Mode. The antenna LED turns on and off accordingly. The Unlock LED and Valet melody play (one for on, two for off) to confirm.

Battery Check Level

Press and release 


Displays the battery level of the remote.

Example:

3 LED's: Less than 75% battery remaining

1 LED's: Less than 25% battery remaining

Advanced Commands: (Level 3)

Press and release the  button three times first, before pressing one of the following command buttons.

Silent Lock

Press and release 

The alarm arms, doors lock (if connected), and the parking lights flash once. The Lock LED turns on to confirm. Valet mode* or Trigger Zone Fault Report** messages may be received.

Silent Unlock

Press and release 

The alarm disarms, doors unlock (if connected), and the parking lights flash twice. The Unlock LED turns on to confirm. The Silent Unlock output may be replaced by the Alarm Report* *

Low Temperature Mode***

Press and release  OR ( + )

Activates (or if On, deactivates) Low Temperature Mode. The parking lights flash quickly five times for On and slowly five times for Off. Remote Start and Trunk LED will flash 3 times to indicate Low Temperature Mode activation, and the LEDs will remain ON for 3 seconds to indicate disactivation.


Note System needs to be armed or Low Temperature Mode will not start the engine.

* See "Valet Mode" on page 32 for details.

** See "Alarm Report" on page 23 for details.

*** See "Advanced Start" on page 26 for details.

Advanced Commands: (Level 4)

Press and release the  button four times first, before pressing one of the following command buttons.

Car finder

Press and release  OR ( + )

The siren emits one long chirp and the parking lights flash for 10 seconds. The Lock and Unlock LEDs will flash alternately and Car finder melody plays to confirm. The parking light flashes stop if armed or disarmed while Car Finder is in progress.

Timer Start Mode*

Press and release 

Activates (or if On, deactivates) Timer Start. The parking lights flash quickly four times for On and slowly four times for Off. The Remote Start LED and Trunk LED will flash alternately indicating the Timer Start Mode being enabled, and upon disabling, the Remote Start and Trunk LED will remain ON for 3 seconds to confirm.

Note System needs to be armed or Timer Start will not start the engine.

* This feature must be installed and turned on by an authorized Directed dealer.

Remote Control Configuration

The 2625-TX and 2615-TX remote controls have operations that can be configured to a user's personal preferences. The following instruction directs you through the available programming options for both remote controls.

Remote Programming

To Enter Programming: Press and hold the **(P)** button for five seconds, the remote emits one long beep and the Lock LED turns on while the transmit LED flashes to indicate the Main Menu is accessed.

To Exit Programming: Press and release the **(P)** button once the Lock LED shuts off and plays Exit Menu melody.

Remote Pairing

The following instructions step you through the remote pairing operation of the 2625-TX 2-way or 2615-TX remote.

Transmitter Pairing Mode Procedure

1. Press and hold the transmitter **(P)** button until the remote beep once and LOCK button will illuminate for up to 20 seconds.
2. The remote is now in pairing mode for a maximum of 20 seconds.

Vehicle Setup for Pairing

1. Open at least 1 vehicle door.
2. Turn Ignition ON.
3. Press and release, then press and hold the Antenna button until the Antenna LED starts to flash. Release the button. The system is now in pairing mode.

4. Press the transmitter's LOCK button. The horn/siren (if installed) will sound to indicate the system has learned the remote ID. The 2-way transmitter will emit several tones to confirm the pairing.
5. If pairing fails, the transmitter will play an error tone, yet remains in pairing mode. Press the transmitter's LOCK button again to attempt another pairing.


Exit Pairing Mode:

Once pairing is completed, turn Ignition OFF. The horn/siren (if installed) will sound to confirm exiting.

Pairing will exit if:





- Step 2.4 is not completed within 60 seconds
- The doors are closed
- The ignition is turned off.

Remote Features

Enter programming to access the main menu as previously explained, then **press** and **release** the  button to access the remote operation features, the transmit LED remains ON and one long beep indicate the remote features menu is accessed. **Press** the buttons indicated in the following tables 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.

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  button. The transmit LED turn On and tones play to confirm unlocking.

Auto unlocking (2625-TX only)

After turning the ignition off, a message to the 2625-TX will unlock the keypad buttons until the next command is performed. If Auto Unlocking is not desired this message can be turned off by an authorized Directed Dealer.

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.

Alarm Features

Note May require additional parts and installation

Normal Arm Protection

Antenna LED: The antenna LED flashes as a visual indicator that your vehicle's security system is active.

Starter Kill: The Failsafe starter kill relay prevents the engine from starting.

Sensor triggers: The shock sensor can distinguish minor impacts from major impacts to the vehicle exterior. Minor impacts causes the system to emit a Warn-away output by chirping the siren and flashing the parking lights for three seconds. Major impacts caused for example by a forcible entry attempt, results in a Full Trigger output. The siren sounds and the parking lights flash for 30 seconds or longer. Both Warn-away and Full Triggers send a message to the remote control (2625-TX only).

Point of entry triggers: Opening the hood or trunk causes a Full Trigger output, while opening a Door or turning on the Ignition causes the siren to chirp three seconds before beginning the Full Trigger output. This three second delay allows time to disarm and silence the siren in case of accidental trigger. The Full Trigger message is still sent to the remote (2625-TX only).

Full Trigger

An alarm Full Trigger will sound the siren and flash the parking lights for 30 seconds while sending a Full Trigger message to the remote control. The confirmation LED's flash and siren tones play for 30 seconds.

Trigger Zone Fault Report

When armed by remote command the system runs a status check of the alarm trigger zones. Faulty zones (usually caused by dome light delay or open trunk) are bypassed and reported via the antenna LED and remote, while all other trigger zones remain active and are monitored to protect the vehicle. Should a faulty zone self correct (dome light turns off) it becomes active and is then monitored normally.

The siren chirps once again a few seconds following the arming chirps as an audible alert, the antenna LED flashes in groups to indicate the zone number.

Alarm Report

If the alarm was triggered while armed, it will be reported when the alarm is disarmed via the remote control, siren chirps, parking light and antenna LED flashes. The siren chirps four times the parking lights flash three times, and the antenna LED flashes in groups to indicate the last two zones that were triggered (see Table of Zones). The report output will repeat for each disarm operation until the ignition is turned on.

Table of Zones

Zone # (led flashes)	Zone Name
1	Trunk
2	Shock Sensor
3	Door
5	Ignition
6	Hood

* See "Nuisance Prevention (NPC)" on page 24 for more details.

Nuisance Prevention (NPC)

NPC monitors all alarm zones and, if any are triggered excessively, bypasses them until corrected. If a point of entry (trunk, hood, door) is left open following a forced entry, it is bypassed. It becomes active again only after being closed.

Bypassed sensors automatically reset after one hour and after the vehicle is driven. Disarming then re-arming the alarm does not reset bypassed sensors.

Remote Start Features

Key Takeover

When you are ready to drive

The system keeps the engine running until the vehicle is ready to be driven. To perform Key Takeover:

1. **Disarm** the system and **enter** the vehicle, do not step on the foot brake.
2. **Insert** the key, **turn** it to the run position, and then **step** on the foot brake, the remote start then turns off.
3. The parking lights turn off to indicate remote start is off, and then after a few seconds the remote plays the Remote Start Off message.
4. The vehicle is ready to drive.

Note: Some Push-to-Start vehicles will not allow the Key Takeover feature, see your authorized AstroStart Dealer.

Remote Start Safe-lock

Remote start safe-lock makes sure the doors are locked while the engine is running and after, even if they are unlocked when remote start is activated. Door locks may require additional parts and labor.

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. (See *Remote Start Fault* under *Remote Start Features*) move the switch back to the On position to resume normal operation.

Note: Please ask your installer for the toggle switch location.

Advanced Start

The Advanced start features; Timer Start and Low Temperature Mode will automatically start the engine to maintain battery charge or combat extreme cold when parked for an extended period of time.

Precautions for the Advanced Start features:

- Park the vehicle in a well ventilated area away from windows and doors that lead into inhabited spaces.
- Arm and Lock the vehicle, the engine will not start unless the doors are locked.
- Only one Advanced start feature can be enabled at any given time.
- Low Temperature Mode requires an accessory to monitor the temperature (ACC TEMP-101, sold separately - see your authorized AstroStart Dealer)
- For manual transmission vehicles Safety Sequence mode must be enabled before Timer Start or Low Temperature Mode can be activated.
- Timer Start or Low Temperature Mode automatically exits when the vehicle is disarmed.

Timer Start Mode operation

Activation begins a countdown timer as set by the installer. When the timer expires the engine starts and the Remote Start On message is sent to the remote control. When the Remote start runtime expires the engine shuts off, the Remote Start Off message is sent to the remote control and the countdown timer restarts. This will repeat as many times as set by the installer. Timer Start is exited after the final start.

Note: The countdown and repeat time can be configured by your authorized AstroStart dealer.

Low Temperature Mode operation


Low Temperature Mode uses the settings for Timer Start Mode in addition to temperature and battery level to automatically start the engine. Activation begins the countdown timer. When the timer expires the vehicle interior temperature and battery level is checked and, if the Temperature is above 100°F/38°C, below 0°F/-18°C, or the battery level is below 10.5V, the engine will start and the Remote Start On message will be sent to the remote controls. When the Remote start runtime expires the engine shuts off, the Remote Start Off message is sent to the remote control and the countdown timer restarts. Low Temperature Mode is exited after the final start.

Note The temperature and battery thresholds can be changed by an authorized Directed dealer if a higher or lower threshold is desired.

Continuous Mode

To exit vehicle with engine running

The system keeps the engine running during short trips into the house or convenience store. To perform Continuous Mode:

1. With the engine running, **set** the parking brake and **release** the foot brake.
2. **Press** the  button, the parking lights will turn on and the Remote start LED and On tones play on the remote control.
3. **Turn** the key to off, and **remove** it from the ignition, the engine continues running for the programmed runtime.
4. **Exit** the vehicle and **arm** the alarm.

Note	For Continuous Mode on manual transmission vehicles follow the directions in the <i>Safety Sequence Mode</i> section with the door open.
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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. For Continuous Mode or Turbo Timer mode (to leave the engine running after arming), **open** the driver door.
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** any command button on the remote, after 20 seconds return to Step 2 (For Turbo Timer Mode, send the Timer Start command).
4. The parking lights flash 5 times to confirm Safety Sequence mode enable and the remote start activates the ignition outputs. The Remote Start LED and On tones play to confirm.
5. **Turn Off** and **remove** the key from the ignition switch, the engine remains running.
6. **Exit** the vehicle, **close** all the doors and **arm** the system.
7. The engine turns off and after a few seconds, the Remote Start LED and Off tones play to confirm. If the door is opened in Step 3 then the engine continues to run.

Turbo Timer Mode

The system keeps the engine running for the Turbo Timer runtime and can be activated by remote control.


1. With the engine running, **set** the parking brake.
2. **Perform** the Timer Mode command (for manual transmission vehicles see previous Safety Sequence mode section).
3. The parking lights turn on and the remote start activates the ignition outputs. The Remote Start LED and On tones play to confirm.
4. **Turn Off** and **remove** the key from the ignition switch, the engine remains running.
5. **Exit** the vehicle, **close** all the doors and **arm** the system.
6. The engine runs for the Turbo Mode runtime.

Note

Turbo Timer must be turned on by an authorized Directed dealer.

For Turbo Timer mode on manual transmission vehicles follow the directions in the *Safety Sequence Mode* section with the door open and in step 3 send the Timer Start Mode command from the remote control.

Remote Start Faults

For user safety, the system must be properly configured or remote start will not activate. The Remote Start Fault output ( LED flashes 4 times and 4 short fault tone) may be caused by any of several configuration issues. If the remote start fails to activate, refer to the following table for the command type and parking light flashes that will identify the configuration issue and solution.

Flashes *	Possible Fault	Solution
5	Brake on	Release foot brake
6	Hood open	Close hood
7	After performing Remote Start command - Safety Sequence not enabled After performing Timer Start or Low Temperature Mode command	Enable Safety Sequence mode Check all Solutions
8	Toggle Switch off	Turn switch on
None	Alarm is triggered	Disarm or reset alarm

* Refers to the number of parking light flashes.

Remote and System Operations

Passive Arming*

Park and exit the vehicle, after the doors are closed the Passive arming countdown begins. The led flashes quickly and upon reaching 20 seconds the siren then chirps once. At 30 seconds the system arms itself.

Anytime before the system arms you can re-enter the vehicle or open the trunk to load or unload items and, after closing passive arming resumes.

To stay secure in case of accidental disarming of the system, if a door is not opened within 30 seconds the system re-arms itself and locks the doors.

Auto Re-arming*

Auto re-arm ensures the vehicle stays protected if it is not entered after disarming by remote control. After disarming by remote, the alarm automatically re-arms itself (and locks the doors if programmed on) in 30 seconds. Open any point of entry to stop the re-arm until the next disarm by remote.

* These features must be turned on by an authorized Directed dealer.

Valet Mode

Valet mode can be entered and exited by performing the Remote Valet command or manually using the vehicle key and the control button. When entered, the alarm functions are defeated while the convenience features still operate normally.

Arm and Disarm commands lock and unlock the doors. The 2625-TX emits the Arm in Valet and Disarm in Valet output as described for Lock and Unlock in the Basic Commands section.

Use the following steps to manually enter and exit Valet Mode:

1. **Turn** the ignition switch On and then Off
2. Immediately **press** and **release** the control button once
3. The antenna LED turns On when entering and Off when exiting.

Power Save

To reduce power consumption the antenna LED modifies its output if the vehicle is parked for an extended period. If Armed the flashing is reduced after 24 hours. When Valet mode is On the LED will turn off 1 hour and will reset each time the ignition is turned off.

Rapid Resume

If power is ever disconnected by a mechanic or thief, the system will resume the state it was in at the time of disconnection, when power is reconnected.

Automatic Remote Updates

The system sends a silent message to all remote controls after any major action has occurred. When the remote receives this message it updates the Arm status.

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's flash and a soft 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 temporal nuances of the system and remote, perform the command again within 10 seconds to return to normal operation.

Feature not Available

The Feature Not Available output (short fault tone) is a generic tone which varies in cause and solution depending upon the command used:

Command	Cause	Reason/Solution
Rear Defogger	Remote Start is Off. Not configured for this.	Only available when Remote Start is On. Only available when configured for Rear Defogger control.

Car Select

Car 2 must first be turned On (See *Remote Control Configuration* section to turn on).

1. **Press** and **hold** the **P** button for 1.5 seconds. The remote turns On Lock LED for Car 1 while Lock and Unlock for car 2 and beeps once or twice to indicate the selected Car is 1 or 2.
2. **Release** the **P** button for Car Select (there is a 4 seconds window to do the next step).
3. **Press** and **release** the **P** button while the LED and beeps continue to perform Car Select. Once the car is selected a command can be performed by pressing one of the command buttons.

System Expansion Options

Controlling two vehicles (Car Select)

The 2625-TX and 2615-TX remotes can control systems in two different vehicles saving the need for multiple remote controls. This feature also allows for customized system configurations on each vehicle that has more than one driver. See *Owner Recognition* following for details.

Owner recognition

The system can be configured to recognize the remote used when disarming and change selected features to match the remote users preferences. Memory seat adjustment, siren chirps, passive arming, remote button auto unlocking, alarm output duration can all be custom set for each remote user at the time of installation.

Comfort closure

Comfort Closure emulates turning the key in the door cylinder or holding the lock button of an OEM keyless entry. It will automatically close the windows and sunroof on vehicles with this type of OEM convenience feature.

Alarm output duration

The length of time the siren sounds can be adjusted from 1 to 180 seconds at the time of installation.

Arming and Warn-away chirp control

The system Arm, Disarm and Sensor Warn-away chirps can be configured for those that prefer a custom silent alarm operation.

Driver door priority unlocking

The door unlocking operation can be configured to emulate an OEM style of driver priority unlocking for added security during disarming.

Utility Channels

The utility channel outputs of this system can activate many of the convenience features found in today's vehicles. The system installer can clarify if any of the following listed features are compatible with your vehicle.

- Trunk Release
- Windows open/close
- Left Sliding door open/close
- Right Sliding door open/close
- Rear Hatch open/close
- Sunroof open/close
- Audio System
- Headlights

Battery Information

The 2625-TX remote is powered by 2 batteries (CR-2016) and the 2615-TX remote by 1 battery (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 2625-TX and 2615-TX remote controls with many years of trouble free operation.

Low Battery

After a command is performed the 2625-TX and 2615-TX remote controls 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

When disarming the system using a remote with a low battery the siren will emit one additional chirp as an alert. If confirmation chirps are programmed off, the system will still emit one chirp as an alert when disarming. After performing a command, several beeps play on the 2625-TX remote to indicate the battery/batteries need replacing.

Battery Life

The 2625-TX remote control has many features that make it one of the most unique remote controls on the market today. The default feature settings provide for excellent battery life. However, to maximize this battery life, the following suggestions will help:

- Turn Paging off: The remote will not wake up to check for messages with Paging off in the Setup Remote menu. Caution! The remote will not receive trigger messages from the system.
- Turn Beeps off: The Button beeps can be turned off in the Setup Remote menu. The command beeps still play normally.

Battery Replacement

2625-TX 2-way remote control

1. Unscrew the hardware on unit rear and remove the metal frame from housing. Pry open the housing, this releases all parts of the assembly.
2. Gently slide out the used battery to remove it from the holding clip. Orient the new battery for the correct polarity and insert into holding clip.
3. Reassemble unit and secure with hardware.

2615-TX 1-way remote control

1. If present, remove the small screw on the back of the remote.
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 to remove it from the holding clip. Orient the new battery for the correct polarity and insert into holding clip.
4. Reposition case parts, and snap together by pressing firmly and evenly on the front and back. Reinstall screw (if applicable).

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.

Glossary of Terms

Document Terminology

Control Module	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 of the system’s functions.
2625-TX (2-way Remote Control)	A hand-held, remote control which operates the various functions of your system and receives messages and pages from the system.
2615-TX (1-way Remote Control)	A hand-held, remote control which operates the various functions of your system but does not provide message display..
Antenna	The antenna contains the system’s radio-frequency antenna, the antenna button, and the Antenna LED. For maximum remote-control range, the antenna is usually located at the top of the windshield, centered near the rear-view mirror.
Antenna LED	A light used to indicate the status of your system. It is located on your system’s Antenna.
Antenna Button	A small push button located on your system’s antenna. It is used to override (disarm) the alarm when a remote is not available or to enter or exit Valet Mode.

Patent Information

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

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.

Control Center

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.

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 RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. 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. DIRECTED 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

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 III) 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.