

# Congratulations

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

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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 found on the back of the device.



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# Getting Started

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Your 5325-TX remote is powered by an internal rechargeable battery that can only be serviced by an authorized AstroStart dealer. Due to transit and storage time prior to your purchase, the battery charge may have depleted. To ensure proper operation, check the battery level and if not fully charged, use the provided cable to connect to the USB port on a computer. See *"Battery Information (5325-TX)"* on page 46 and *"Status Screen Icons"* on page 8 for more information about the battery.

## Charging the remote control:

1. Plug the USB end of the provided USB cable into the USB port on a computer. Insert the micro-USB connector into the micro-USB port located on the side of the remote control. The text field will display **CHARGE** to indicate the remote control is charging (The remote remains operational while charging and can command the system).
2. Once fully charged the text field will display **FULL**.
3. The remote control is then ready for use. Disconnect the cable from the remote control end first.

<b>Note</b>	If the battery is excessively depleted when charging, functionality may be delayed while it charges to the minimum voltage required to operate the display, after which normal charging resumes.
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## 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
- **ARMED** this style denotes the text which appears in the text field portion of the Display during operations described in the manual. If the text string is too long for the text field, it then plays and loops sequentially word by word.
- *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.

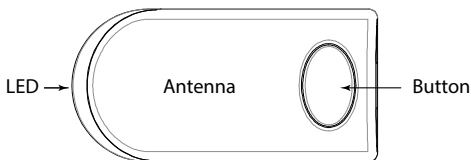
# 5325-TX Remote Control

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Feature	Description
Display	Status screen - the upper portion of the display contains status icons for the System, Siren, Alarm zones, Remote Start and Remote Control (if alarm feature installed). Text field - the lower portion of display - shows the Clock, Runtime or Temperature during Remote Start, as well as Command confirmations, Page messages and programming menus
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 request reports.
Micro-USB Port	The USB cable plugs into this port (located on remote control side).



# Antenna

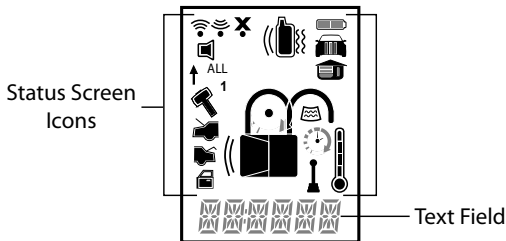


The antenna, typically located on the upper part of the front windshield sends and receives commands or messages to and from your system. It consists of:

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















\* See *"Remote and System Operations"* on page 35 for details.

# Status Screen Icons



The table below describes all the status screen icons.

	Icon	Description
System Status		<b>Lock:</b> The system is Locked, the alarm is enabled if installed.
		<b>Lock Valet:</b> The system is Locked in Valet, the alarm is disabled.
		<b>Unlock:</b> The system is Unlocked, the alarm is disabled if installed.
		<b>Unlock Valet:</b> The system is Unlocked in Valet, the alarm is disabled.
Remote Start		Remote start is active, the engine is running.
		Timer Start is On; Remote Start is On. <b>Note:</b> When the icon is without an arrow head: Timer Start is enabled; Remote Start is Off
		<b>Low Temperature Mode:</b> is On; Remote Start is On. <b>Note:</b> When the icon is with the small Remote Start icon, Low Temperature Mode is On; Remote Start is On.
		Safety Sequence mode is enabled, the engine can be started
		Displays the vehicle interior temperature

	Icon	Description
		On during Remote Start after performing the Rear Defogger On command
Zone Status		On during Warn-away and Full Trigger message output
		On during Trunk Zone Full Trigger output, Trunk channel activation and during Fault Report to indicate the Trunk is opened when arming.
		On during a Sensor Zone Warn Away or Full Trigger output
		On during the Door Zone Full Trigger output and during Fault Report to indicate a Door is opened when arming
		On during a Hood Zone Full Trigger output and during Fault Report to indicate the Hood is opened when arming
Remote Control Status		On when remote is set to command the system programmed as Car 1*
		On when remote is set to command the system programmed as Car 2*
		Bars indicate battery level is Full, 3/4, 1/2, 1/4 or Empty
		On while the remote control is transmitting a command
		On while the remote control is receiving a message
		On with Out of Range fault tone to indicate the remote failed to receive a command confirmation
		Pager on: The remote will wake up to listen for messages
		Pager off: The remote will not wake up to listen for messages
	Text field	Displays the Clock, Runtime, Temperature, message text and feature menus

\* This icon not present until the Car 2 is turned On in the Setup Remote configuration menu.

# Using your System

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## 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 Text, Icons 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.










## Performing Commands

Perform Basic commands by pressing one of the command buttons while in the Direct Access level. Direct access is available while the text field displays the Clock, Temperature or Runtime. Perform Advanced commands by first accessing one of the Function Levels and then pressing one of the command buttons while within a level. Function Levels are available when the text field displays LEVEL 1, 2, 3 or 4.

### Advanced command example: Silent Lock

1. Press the  button three times to access Function Level 3, the text field will display **LEVEL 3** .
2. Press the  button while **LEVEL 3** text is still on to perform the Silent Lock command.
3. The 5325-TX remote will display **LOCK** in the text field and update the status screen icons.

## 5325-TX 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/Stop		Alarm Valet	Low Temperature Mode	Timer Start Mode
	Trunk	Rear Defogger	Temperature Check (2-way only)		
	Advance Level Change Car (1.5s), Enter programming (5s)				

### Fault Condition Alerts

If, when performing a command, a condition exists that does not allow activation of a Remote Start feature\*, the **REMOTE START ERROR** text and a fault tone will play.

- \* 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 Error”* on page 34 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** text and beeps play to confirm and the System Status Icons update. If Valet mode\* is On, the doors lock and the **LOCK VALET** text and tone play. Exit Valet mode to arm the alarm normally.

If a trigger zone fault is detected the siren chirps once again and the Trigger Zone Fault report\*\* plays. (Applicable only when alarm feature is installed)

## To Lock and Panic

Press and hold 

The alarm Arms (or Locks in Valet) and, after 3 seconds, sounds the horn/siren and flashes the parking lights. The **PANIC ON** text 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** text and beeps play to confirm and the system status icons update. If Valet mode\* is On, the doors unlock and the **UNLOCK VALET** text and tone play.

If system is programmed with security features, an alarm report re-

places the disarm output if the alarm was triggered. The siren chirps four times and the **UNLOCK** text is then followed by the Alarm report. \* \*

## Status

Press and release 

The remote will update System Status icons on display and beep once to confirm the system current status update.


## Trunk

Press and hold 

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

## Remote Start

Press and release 

Activates (or if On, deactivates) the remote starter. The engine and parking lights turn On and the **REMOTE START ON** text and tones play, or the engine and parking lights turn Off and the **REMOTE START OFF** text and tones play to confirm, the Remote Start status icons update. The  icon will display in the status screen and the text field will display the Runtime or Clock as programmed. If Remote Start fails to activate, **REMOTE START ERROR** text and a fault tone play while the parking lights flash to identify the fault. \* \* \*

\* See "Remote and System Operations" on page 35 for details.

\*\* See "Alarm Features" on page 26 for details.

\*\*\* See "Remote Start Error" on page 34 for details.

For Manual transmission vehicles see "Safety Sequence Mode" on page 32 for more details.

# Advanced Commands: (Level 1)

Press and release the **P** 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 **AUX 1 ON** or **AUX 1 OFF** text and On tones or Off tones play to confirm.

## Utility 2

Press and release

Activates (or if On, deactivates) the Utility 2 output. The **AUX 2 ON** or **AUX 2 OFF** text and On tones or Off tones play to confirm.

## Rear Defogger

Press and release

Activates the vehicle Defogger circuit (if connected) while Remote Start is activated. The **DEFOG ON** text and beeps play to confirm and the Remote Start status icons update. For convenience, the Defogger circuit will also automatically activate 10 seconds after remote starting if the temperature is below 55°F.

**Note** Remote Start must be active to use this feature.

\* See "Remote and System Operations" on page 35 for details.

\*\* See "Alarm Features" on page 26 for details.



## Advanced Commands: (Level 2)

Press and release the **P** 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 **AUX 3 ON** or **AUX 3 OFF** text and On tones or Off tones play to confirm.


### Utility 4

Press and release 

Activates (or if On, deactivates) the Utility 4 output. The **AUX 4 ON** or **AUX 4 OFF** text and On tones or Off tones play to confirm.

### Temperature Request

Press and release 

Requests the vehicle's interior temperature and temporarily displays it via status screen icon  and text field.

## Alarm Valet

Press and release 

Enters (or if On, exits) Valet Mode. The **VALET** text plays to confirm, plays ascending melody for On, descending melody for Off and the System Status icons update and the Antenna LED turns On and Off accordingly. See *Valet Mode* for more details.

\* See *“Advanced Start”* on page 30 for more details.

## Advanced Commands: (Level 3)

Press and release the **P** 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** text plays to confirm and the System Status icons update. 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** text plays to confirm and the System Status icons update. Valet mode\* or Alarm report\*\* may replace the Unlock text.

## 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. The **L-TEMP ON** or **L-TEMP OFF** text and beeps play to confirm and the Remote start status icons update.

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

\* See "Alarm Features" on page 26 for more details.

\*\* See "Advanced Start" on page 30 for more details.

## Advanced Commands: (Level 4)

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



### Car finder

Press and release **🔒** OR ( **🔒** + **🔒** )

The horn/siren emits one long chirp and the parking lights flash for 10 seconds. The **CAR FINDER** text and a melody play 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 **TIMER START ON** or **TIMER START OFF** text and beeps play to confirm and the Remote start status icons update.

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

\* See "Alarm Features" on page 26 for more details.

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

# 5325-TX Configuration






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Operations of the 5325-TX and how it communicates messages are set in the configuration Main Menu.






## Navigating menus and options

Navigating menus and features, changing options, and exiting are performed using the remote control buttons. The following instructions discuss how to access and configure the settings.

### Button operation

- To **access** menus, **set** options, and to **perform** actions that are displayed in the text field, use the  button.
- To **scroll** the menu lists in the text field use the  or  buttons.
- To **exit** configuration: use the  or  buttons.

### Access menu items

1. **Press** and **hold** the  button for 5 seconds, the remote will beep once, **MAIN MENU** is displayed. (If Car 2 is on, ignore the Car Select text and beep after 1.5 seconds).
2. **Release**  the button to display the Main Menu item list, **SETUP** is displayed.
3. The Main Menu has been accessed and configuring can begin. Use the following process to view the Main Menu features, options and settings in the text field. The following actions are commonly used throughout the configuration operation.
  - **Press** the  or  buttons to change the feature or option that is displayed in the text field.
  - **Press** the  button to choose the feature in the text field and view its options. Press it when the desired feature or option is in the text field to set it as the new setting.

# Main Menu

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The following Main Menu list of features is available for configuration of the remote control.

## Setup Remote menu:

### Keypad Lock

Options: **OFF** \*, **ON**

When **OFF**, the buttons do not lock and always perform a command when pressed. When set to **ON**, the remote buttons lock after a 20 second lapse between buttons presses to prevent unintentional operations. If a button is pressed when locked a fault tone plays as an alert followed by unlock instructions in the text field.

To unlock the buttons, press and hold the **P** button. The unlock tones play and **READY** is displayed in the text field, a command can now be performed.

### Auto unlocking

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

## Page Mode

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

Paging is how the 5325-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. 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; only during remote start that it will wake up the whole time.

**Note:** When **OFF**, responses are still received when a command is performed but alarm trigger pages will not be received.

## Light

Options: **OFF** \*, **COMMAND**, **STATUS**

The backlight is off all the time whether the remote control is being used or receiving pages from the system. When set to **COMMAND**, the backlight will illuminate when sending commands and upon receiving any confirmation or pages from the system. When set to **STATUS**, the backlight will illuminate only when receiving pages from the system.

## Button Beep

Options: **ON** \*, **OFF**

When set to **ON**, the remote will emit transmit beeps during the action of a button press. When set to **OFF**, beeps are not emitted for button presses.



## Clock Set

Options: **HOUR** \*, **MIN**

## Screen Color

Options: **GREEN** \*, **YELLOW** , **BLUE** , **MAGENTA** , **CYAN** , **WHITE** , **RED**

The backlighting will illuminate with a selected color during output when set to one of the option colors.

## Car Type

Options: **OFF** \*, **ON**

This remote can control two systems independently. When set to **OFF**, the Car2 select option is not available. When set to **ON** the remote can be set to control two systems.

## Remote Start Info

Options: **RUNTIME** \*, **CLOCK**

The text field can be set to display the information you prefer during remote start. **RUNTIME**: Remote Start Runtime, or the **CLOCK** will be displayed in the text field while Remote Start is on.

## Temperature

Options: **F** \*, **C**

Temperature can be displayed in your choice of temperature scales, Fahrenheit or Celsius.

## Language

Options: **ENGLISH** \*, **FRANCAIS** , **ESPAÑOL**

Set the language that will show on the text field.

## Firmware version

Displays firmware version

## Exit


Exits and returns to the main menu

## Remote Pair:

Remote Pair is a process where the 5325-TX and the system in the vehicle learn each others encrypted identification, securing their communication from intruders. If you wish to add a new remote control, the following instructions step you through pairing the LCD 2-way remote control to your system.

**Note:** Both the remote control and the vehicle need to be prepared to initiate pairing.

### Prepare the new remote to be Paired with the system

1. Press and hold the transmitter's **P** button until the remote beep once.
2. **SETUP** text is displayed on the LCD screen.
3. Release the **P** button to display the Main Menu item list, **SETUP** is displayed.
4. Press  to scroll down to **PAIR MODE**.
5. Press **P** button to confirm selection.

**Note:** The remote will exit pairing mode if there is no activity within 20 seconds.

## Prepare the vehicle system to be Paired with a new remote

1. **Open** at least one of the vehicle's doors.
2. **Turn** the key to the On position.
3. **Press, release**, then **press and hold** the Antenna button one time until the Antenna LED starts to flash.
4. Release the button. The system is now in pairing mode.
5. Press the transmitter's **🔒** 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, and the LCD screen will display **PASSED**.

**Note:** If pairing fails, the transmitter will play an error tone and the LCD screen will display **FAILED** yet remains in pairing mode. Press the transmitter's **🔒** button again to attempt another pairing.

### Exiting Pairing Mode:

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

### Pairing on the system will exit if:

- The open door is closed
- The ignition is turned off
- There is no activity for 60 seconds
- The control button is pressed too many times

### Exit:

To return to normal operation, press the button **P** while **EXIT** is displayed.

# Alarm Features

**Note** May require additional parts and installation

## Normal Arm Protection

**Status 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.

**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.

## Full Trigger Messages

A Full Trigger message generates a Full Trigger output of siren tones and zone specific **TRIGGER** text followed by an alert that consists of one long beep per minute for 10 minutes.

To stop the output and alert, **press** a command button to perform a command, or **Press** the **(P)** button.

## 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. The remote will emit a single fault tone and play zone specific text that identifies the faulty zones.

## Alarm Report when disarming

The most recent alarm triggers (if any) are 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 **UNLOCK** text will be followed by **ALARM REPORT** and text identifying the triggers.

Table of Zones

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

## Alarm Report when requested

The Alarm Report displays the two most recent alarm triggers depending on the system state when requested. When disarmed, the report will display text to identify the two most recent triggers since the vehicle was last driven. When armed, the report will display text to identify the two most recent triggers since the system was armed.

**Note** The Alarm Report clears when ignition is turned on.

## 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

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## 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.

<b>Note</b>	Some Push-to-Start vehicles will not allow the key takeover feature, check with your installer for more details.
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## 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 Error" on page 34) 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 AstroStart 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 ON** message will 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 *Safety Sequence Mode* section with the door open.

## 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 and the **REMOTE START ERROR** text and tones play as an alert.

1. With the engine running, and car in neutral, 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 Mode command from the Advanced Start menu screen).
4. The parking lights flash five times to confirm Safety Sequence mode enable and the remote start activates the ignition outputs. The **REMOTE START ON** text and beeps 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 OFF** message plays 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, and car in neutral, **set** the parking brake.
2. **Perform** the Timer Mode command (for manual transmission vehicle see previous Safety Sequence mode section).
3. The parking lights turn on and the remote start activates the ignition outputs. The **REMOTE START ON** text and beeps 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 AstroStart 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 2 send the Timer Start Mode command from the remote control.

## Remote Start Error

For user safety, the system must be properly configured or remote start will not activate. If the remote start fails to active, refer to the following table for the screens and parking light flashes that will identify the configuration issue and resolution.

Flashes *	Possible Fault	Solution
5	Brake on	Release foot brake
6	Hood open	Close hood
7	After performing Remote Start command - Safety Sequence Mode not enabled	Enable Safety Sequence Mode
	After performing Timer Start or Low Temperature Mode command	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

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## 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 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.

## 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 while the **VALET** text and beeps play to confirm.

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 one hour and will reset each time the ignition is turned off.

## Rapid Resume

If power is disconnected by a mechanic or thief, the system will retain the last state that it was in when power is restored.

## 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 status screen icons. This way all users are able to quickly review the system status just by accessing the status screen.

## Out of Range

Each time a command is performed the remote will expect a command confirmation from the system. If a command confirmation is not received the out-of-range icon ( ✖ ) and a fault tone will play 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.

## Feature not Available

The **NOT AVAILABLE** message is a generic one which varies in cause and solution depending upon the command used:

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

## Car Select (LCD 2-way)











Car 2 must first be turned ON (See *Remote Features menu* under “Enter programming” on page 41 to turn on)

1. **Press** and **hold** the **P** button for 1.5 seconds. The remote beeps once or twice and will display **CAR 1** or **CAR 2** in text to indicate the selected Car is 1 or 2.
2. Release the **P** button, then press and release once more while **CAR 1** or **CAR 2** text is displayed to perform Car Select. Once the car is selected a command can be performed by pressing one of the command buttons.

**Note:** If the **P** button is held for 5 seconds, the remote will enter the remote configuration mode.






# 1-way Companion Remote Control (where available)

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/ Stop			Alarm Valet	Low Temperature Mode	Timer Start Mode
 Trunk		Rear Defogger			
 Not Used		Used to access function levels for Advanced Commands (  with multiplier in top row implies button presses)			


## Using the 1-way companion remote

The companion 1 way remote commands the system features as shown in the previous table, but without the message display of the 5325-TX remote. Horn/siren and parking light flashes are used to indicate that a command has been received and activated as described in the *Basic* and *Advanced command* sections.

## Accessing Commands

Similar to the 5325-TX remote, Basic commands are performed when a command button is pressed directly. To perform Advanced Commands **press** the  button one to four times to access function levels,  x 4 in the table for example implies pressing  four times. The LED flashes in groups for a few seconds to indicate the level. **Press** the desired command button while the LED is flashing to perform the command.



## Button Auto Lock


When On, the remote control buttons lock if more than 20 seconds lapses between button presses. If a button is pressed when locked, a fault tone is emitted. To unlock the buttons; **press** and **hold** the  button and the buttons unlock and tones play to confirm.

**Note:** If the button beeps have been turned off on the 1-way remote control, then the remote will not respond to any button presses other than the unlocking sequence. It is recommended to keep the button press beeps programmed on.

## Car Select

Car 2 must first be turned On (See *Remote Features menu* under “Enter programming” on page 41 to turn on).

1. **Press** and **hold** the  button for 3 seconds. The remote flashes the LED and beeps once or twice to indicate the selected Car is 1 or 2.
2. **Release** the  button, then **press** and **release** 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.




**Note:** If the  button is held for 8 seconds, the remote will enter the remote configuration mode.

## 1-way Remote Control Configuration




The remote controls have operations that can be configured to a user's personal preferences. The following instruction will direct you through the available configuration and programming options for the 1-way remote control.

### Remote Features:


#### Enter programming

1. **Press** and **hold** the  button for eight seconds, the transmit LED turns on, **release** the .
2. Within 30 seconds, **Press** and **release** the  button and the transmit LED flashes then turns on solid.
3. The remote is now ready for configuration. Press the buttons shown in the tables below to set the desired feature options.

The 1-way remote flashes the transmit LED to indicate the setting.

Feature	Button Press	Single Flash/ Single Beep	Double Flash/ Double Beep
Remote Beeps		Beeps On*	Beeps Off
Keypad Lock		Auto	Off*
Car 2		Car 2 On	Car 2 Off*

\* Indicates default setting.

4. To save the changes once the remote has been configured, press the  button twice, the transmit LED will shut off to confirm exiting.


**Note:** The remote automatically exits the configuration mode if no buttons are pressed for 30 seconds, allowing the remote exit programming this way does not save any of the feature changes.

## Feature Descriptions:

### Keypad Lock

Options: **Off\***, Auto

When Off, the buttons do not lock and will always perform a command when pressed. When set to Auto, the remote buttons will lock after a 20 second lapse between button presses to prevent unintentional operations. If a button is pressed when locked a fault tone plays as an alert.

To unlock the buttons, **press** and **hold** the  button. Tones will play to confirm unlocking.

**Note:** If the button beeps have been turned off on the 1way remote then the remote will not respond to any button presses other than the unlocking sequence. It is recommended to keep the button press beeps programmed on.

### Remote Beeps

Options: **On\***, Off

The 2615-TX emit a beep as confirmation of button presses.

When set to Off, beeps will not be emitted for any operations except for programming.

### Car Select

Options: **Off\***, On

The 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 Pairing

If you wish to add a new remote control, the following instructions step you through pairing the 1-way remote control to your system.

**Note:** Both the remote and the vehicle will need to be prepared to pair a remote to the system.

### Step 1: Transmitter pairing mode procedure

1. Press and hold the transmitter's **P** button until the remote beeps once.
2. The remote is now in pairing mode for a maximum of 20 seconds.

### Step 2: Vehicle setup for pairing

1. Open at least one of the vehicle's doors.
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 **A** button. The horn/siren (if installed) will sound to indicate the system has learned the remote ID.
5. If pairing fails, press the transmitter's **A** button again to attempt another pairing.

### Step 3: Exiting pairing mode

1. Once pairing is completed, turn Ignition OFF. The horn/siren (if installed) will sound to confirm exiting.
2. Press on the transmitter's **P** button. The transmitter will play a two-toned beep to confirm exiting.

### Pairing on the system exits if:

- The open door is closed
- The ignition is turned off
- There is no activity for 60 seconds
- The control button is pressed too many times

## System Expansion Options

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### Controlling two vehicles (Car Select)

The 5325-TX and 2615-TX remote 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. Once a command is performed to activate a convenience feature the 5325-TX displays text that matches the feature. The system installer can clarify if any of the below 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 (5325-TX)

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The 5325-TX remote control is powered by an internal rechargeable battery that can be serviced only through an authorized Directed Electronics dealer. The information and precautions in this section can help maximize your battery's life and usage in providing your 5325-TX remote control with many years of trouble free operation.



**Warnings!** NEVER use a cable other than the one provided or plug into an unspecified source. Injury, severe damage or explosion may occur when connected to any other products or used in a way not intended.

Charging the battery when the temperature is below 32°F (0°C) or above 113°F (45°C) may cause severe battery damage and/or reduce battery life. Avoid placing the remote control in areas exposed to extreme cold or heat (direct sunlight) when charging the battery.

## Low Battery

After a command is performed the 5325-TX and 2615-TX remote controls check their battery level and, when the level requires attention, will begin generating alerts. Once the alerts begin they will continue to command the system for several days but should be charged at the earliest (5325-TX) 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, **LOW BATTERY** and several beeps play on the 5325-TX remote to indicate the battery needs to be charged.

### Important

To preserve power at critically low battery levels the 5325-TX turns the pager off and stops receiving messages from the system. It will continue to command the system until the battery can be charged.

## Battery Life

The 5325-TX remote control has many features that make it one of the most unique remote controls on the market today, including superior long range communication with the system. The default feature settings provide for excellent battery charge duration. However, to maximize this duration between charges, 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 Information (2615-TX)

The 2615-TX remote is powered by one 3V coin cell lithium battery (PN CR-2032) that can be purchased at most retailers. When the battery begins to weaken, the operating range is reduced.

### Battery Replacement

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

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## 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.
5325-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 receive messages and pages from the system.
Antenna	The control center contains the system’s radio-frequency antenna, the antenna button, and the antenna LED. For maximum remote-control range, the control center 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 control center. It is used to override (disarm) the alarm when a remote is not available or to enter or exit Valet Mode.

# 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. If you have any questions, ask your retailer or contact Directed directly at 1-800-753-0600.

## 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 and Batteries**

Any upgrades to this product and/or installation of batteries must be performed by an authorized 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)

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.

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