

# 7-BUTTON AUTOMATIC / MANUAL TRANSMISSION REMOTE STARTER

# AS-1757v

# **User Guide**

## WARNING

It is the responsibility of the vehicle operator to ensure their vehicle is parked in a safe and responsible manner.



- a) <u>Manual transmission</u>: When leaving the vehicle, it is the user's
  responsibility to ensure that the gearshift lever is in the NEUTRAL
  position and the parking brake is engaged in order to avoid accidents
  upon remote starting.
  - b) <u>Automatic transmission</u>: When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting.

(Note: Make sure that the automatic vehicle cannot start in "Drive".)

2. It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

#### FCC USER NOTICE (U.S.A.):

This device complies with Part 15 of the 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 undesired operation.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

DOC: 1.00 - AS-1757v - - January 7, 2008 - - MO - Assembled in Canada

## Table of Contents

Introduction 2	Advanced Features: Installation-programmable	
Using the Remote Control 3	Options9	
Multi-Level Features (default state) 3	Passive or Active Arming of the Starter Kill 9	
Vehicle Presets4	OEM-Style Alarm9	
Heater & Heated Seat4	Remote Door Locks10	
Windshield Wipers, Radio & Headlights 4	Priority Door Access10	
Arming the Starter Kill4	Ignition-controlled Door Locks 10	
Remote-Starting Your Vehicle 5	Ignition Relock10	
Setting Your Vehicle Into Ready Mode5	Secure Lock10	
Remote-starting6	Remote Trunk Release10	
Driving Off6	Safe Start10	
Remote Starter Features 6	Turbo Mode10	
Idle Mode6	Engine Run Time11	
Valet Mode7	Constant While Pressed11	
Panic Mode 8	Horn Chirp Timing11	
Quick Lockout™8	Multi-car Operation11	
Cold Weather Mode 8	Troubleshooting Poor Transmitting Range 12	
The Starter Kill and the Anti-grind Feature 9	LIMITED LIFETIME WARRANTY 13	
Extended Run Time9		

## Introduction

This is a state-of-the-art remote car starter system. The system is packed with advanced features such as priority access to the driver's door (commodity features) and the Safe Start children safety feature.

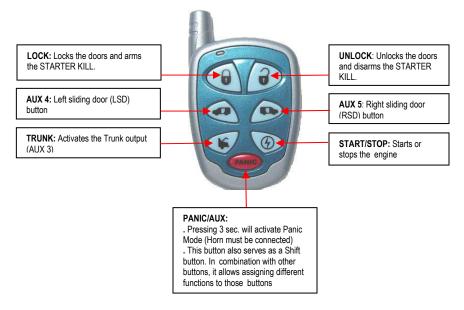
With many advanced functions, this product will satisfy any one of your expectations from high-end commodity and security systems, without neglecting any standard feature commonly offered by entry-level starters.

P. 2 User Guide

# Using the Remote Control

Your Remote Car Starter is equipped with a 7-button multi-channel remote control. It can operate two independent vehicles equipped with a Remote Car Starter (see **Multi-Car Operation** section, later in this Guide, for second-car transmitter functions).

The functions of the transmitter are as follows:



# Multi-Level Features (default state)

Basic Features (press the PANIC/AUX button 1X)				
PANIC/AUX > LOCK	AUX 2			
PANIC/AUX > START/STOP	cold weather mode			
Multi-Car Operation (press the PANIC/AUX button 2X	)			
PANIC/AUX ➤ PANIC/AUX ➤ LOCK:	2 <sup>nd</sup> car lock			
PANIC/AUX ➤ PANIC/AUX ➤ UNLOCK:	2 <sup>nd</sup> car unlock			
PANIC/AUX ➤ PANIC/AUX ➤ START/STOP:	2nd car start/stop			
PANIC/AUX ➤ PANIC/AUX ➤ TRUNK:	2 <sup>nd</sup> car trunk			
Customized Features (press the PANIC/AUX button 3X)				
(May not be applicable for certain vehicles)				
Your installer can add customized features such as turning on the radio, opening sliding doors, etc.				
PANIC/AUX > PANIC/AUX > PANIC/AUX				

PANIC/AUX PANIC/AUX PANIC/AUX DUNLOCK: customized feature 1
PANIC/AUX PANIC/AUX PANIC/AUX DUNLOCK: customized feature 2
PANIC/AUX PANIC/

By default, the multi-level features are programmed as follows:

- · Level 1 (Basic Features)
- · Level 2 (Multi car operation)
- · Level 3 (Customized Features)
- To access a feature that is programmed as level 1, press the PANIC/AUX button once followed by the desired function.

- To access a feature that is programmed as level 2, press the PANIC/AUX button twice followed by the desired function.
- To access a feature that is programmed as level 3, press the PANIC/AUX button three times followed by the desired function.

Your installer can customize the system as to personalize these multi-level features in an order that best suits you.

Your options are:

Option 1:						
Level 1 (requires pressing the PANIC/AUX	button 1X)	$\rightarrow$	Multi car operation			
Level 2 (requires pressing the PANIC/AUX	button 2X)	$\rightarrow$	Basic features			
Level 3 (requires pressing the PANIC/AUX	button 3X)	$\rightarrow$	Customized features			
Option 2:						
Level 1 (requires pressing the PANIC/AUX	button 1X)	$\rightarrow$	Basic features			
Level 2 (requires pressing the PANIC/AUX	button 2X)	$\rightarrow$	Multi car operation			
Level 3 (requires pressing the PANIC/AUX	button 3X)	$\rightarrow$	Customized features			
Option 3:						
Level 1 (requires pressing the PANIC/AUX	button 1X)	$\rightarrow$	Customized features			
Level 2 (requires pressing the PANIC/AUX	button 2X)	$\rightarrow$	Multi car operation			
Level 3 (requires pressing the PANIC/AUX	button 3X)	$\rightarrow$	Basic features			
Option 4:						
Level 1 (requires pressing the PANIC/AUX	button 1X)	$\rightarrow$	Basic features			
Level 2 (requires pressing the PANIC/AUX	button 2X)	$\rightarrow$	Customized features			
Level 3 (requires pressing the PANIC/AUX	button 3X)	$\rightarrow$	Multi car operation			

**Example:** If the multi-level features were set to option 3, the setup would be as follows:

- Level 1 → Customized feature
- Level 2 → Multi car operation
- Level 3 → Basic features

The "Basic features" are now programmed as level 3 and therefore:

 To access cold weather mode, the user needs to press on the PANIC/AUX button three (3) times followed by the START/STOP button.

## Vehicle Presets

#### Heater & Heated Seat

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, as well as heated seats (if equipped) should not be left on HIGH. It is recommended to leave the settings on LOW or MEDIUM instead.

#### Windshield Wipers, Radio & Headlights

Certain vehicles require the radio and / or windshield wiper and / or headlight circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are OFF. Leaving the headlight switch ON on certain types of vehicles could cause them to remain ON even after remote starter shut down, resulting in a dead battery.

# Arming the Starter Kill

The Starter Kill (if installed) can be configured by the installer either to **Passive Mode** (so as to arm automatically) or **Active Mode** (so as to require the user's intervention for arming). By default, your Remote Car Starter is configured to **Passive Mode**.

P. 4 User Guide

## > Passive mode:

- To arm the Starter Kill, press the LOCK button on the transmitter, OR
- In Passive Mode, the Starter Kill will also automatically arm 1 minute (by default) or 3 minutes (if configured this way) after the ignition is turned OFF or once the last door is closed (if the doors are monitored).
  - The LED on the antenna will flash quickly during the countdown preceding the activation of the Starter Kill.
  - Once the activation countdown expires, the LED will send a series of quick double flashes to indicate that the Starter Kill is now armed.
- To **disarm** the Starter Kill, press the **UNLOCK** button on the transmitter.
  - The Starter Kill will automatically rearm itself after 1 minute (by default) or 3 minutes (if configured this way) if no door is left opened (if the doors are monitored) and the ignition is not turned on.

#### Active Mode:

- To arm the Starter Kill, press the LOCK button on the transmitter.
  - The parking lights will flash once.
  - The LED on the antenna will flash slowly.
  - If remote door locks are installed, this will also lock the doors and arm the OEM-style alarm.
- To disarm the Starter Kill, press the UNLOCK button on the transmitter.
  - The parking lights will flash twice.
  - The LED on the antenna will remain OUT.
  - If remote door locks are installed, this will also unlock the doors.

# Remote-Starting Your Vehicle

If your vehicle has an <u>automatic transmission</u>, simply press the **START/STOP** button to remote start or stop your vehicle. Skip the next steps on to "Remote-starting".

**Warning:** If your vehicle has an automatic transmission and the parking lights flash 15 times after pressing the **START/STOP** button, the parking brake is connected to ground. It is <u>imperative</u> that you see your installer and have him disconnect the wire.

## Setting Your Vehicle Into Ready Mode

If your vehicle has a <u>manual transmission</u> you must read the following indications. In order to start the vehicle by remote, the unit must first be set to Ready Mode. If the unit is not set to Ready Mode it cannot remote start the vehicle.

Please note that Ready Mode can be enabled by the remote or the handbrake, depending on the option that was selected by your installer. Therefore, you must follow the appropriate procedure between the two described below in order to set your vehicle into Ready Mode.

Once the system is set to Ready Mode, the vehicle can be remote started and stopped at any time. The system will exit Ready Mode if a door or the hood is opened, if the brake pedal is pressed, if the parking brake is disengaged or if the ignition key is turned to the IGNITION ON (RUN) position.

## To set the system to Ready Mode:

	If Ready Mode is enabled by remote	If Ready Mode is enabled by handbrake		
1.		ors, hood and trunk are closed. Make sure that the gear selector is in the		
2.	With the engine already running, apply the parking brake <b>once</b> and release the brake pedal.  Make sure to release the brake pedal.	With the engine already running, apply the parking brake twice and release the brake pedal.     Make sure to release the brake pedal.     The parking lights will flash 3 times quickly and remain lit.     Skip to step 4.		
3.	Within 20 sec. of engaging the parking brake, press and hold LOCK, UNLOCK or START/STOP on the transmitter.  The parking lights will flash 3 times quickly and remain lit.	-		
4.	Remove the key: the engine will continue running.			
5.	Exit the vehicle and close all doors, hood and trunk.			
6.	Press for approx. 1 second either:  a. LOCK to lock the doors and shut down the engine; b. UNLOCK to unlock the doors and shut down the engine; c. START/STOP to shut down the engine without affecting the doors.			

Note: The vehicle will also enter Ready Mode once the engine run time expires.

## Remote-starting

Press the **START/STOP** button for approximately 1 second. The parking lights will come **on** to inform you that the remote car starter has received your signal. Approximately 5 seconds later, the engine will start. The parking lights will remain **on** during the pre-programmed run time of the engine.

If the vehicle does not start at the first attempt, the system will shut down; wait a few seconds and try to start the engine again. If your vehicle is equipped with an automatic transmission, there will be 3 start attempts before the system gives up.

#### Driving Off

With the vehicle running under remote control, press the UNLOCK button to disarm the Starter Kill and/or the OEM-style alarm (if installed) and unlock the doors. Enter the vehicle and do the following:

Turn the ignition key to the IGNITION ON (RUN) position. (**Do not turn the key** to the **CRANK** position while the engine is running. This would cause the starter motor to re-engage.)

Press the brake pedal to disengage the remote starter unit.

You are now ready to drive off.

# Remote Starter Features

#### Idle Mode

**Convenience feature:** Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery.

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running. For example, if you stop for a delivery or at a convenience store, lock your vehicle and leave it running for the length of a run cycle while you are away.

P. 6 User Guide

### To leave the vehicle in Idle Mode if your vehicle has an automatic transmission:

- 1. With the engine running, press the LOCK or UNLOCK button (to unlock the doors) or the START/STOP button on the remote control until the parking lights come on.
- 2. Remove the key and exit the vehicle. The engine will continue running.
- 3. Lock the doors if needed.

**Note:** The engine will continue running until the user re-enters the vehicle or until the expiration of the engine run time.

If your vehicle has a <u>manual transmission</u>, Idle Mode can be activated **through the same** routine as that used for Ready Mode (see earlier in this Guide); at the last step, the TRUNK button is pressed instead of the other buttons.

**Note:** If the pre-programmed run-time expires or if the user shuts down the engine by remote control, the vehicle will enter Ready Mode.

**Caution!!!** Do not leave children or pets unattended in a vehicle standing in Idle Mode.

#### Valet Mode

When your vehicle is in Valet Mode, the remote starter and alarm (if configured) functionalities are disabled. If the vehicle needs to be serviced, or if you park it indoors, the Valet Mode will prevent the engine from being remote-started accidentally.

- Any of the following features will put your remote car starter into Valet Mode:
  - Ignition Valet: This feature will allow you to put your system into Valet Mode by

using the ignition key.

• Remote valet: This feature allows you to put your system into Valet Mode by

using the transmitter.

• Valet switch: This feature allows you to put your system into Valet Mode by using a

push button switch (optional).

## To put the system into Valet Mode

- To put the system into Valet mode using the KEY (Ignition Valet Mode):
  - Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions.

The parking lights will flash three times.

b. Turn the ignition **off** 

The LED on the antenna will come on solid to indicate that the vehicle has successfully entered Valet mode.

- To put the system into Valet mode using the TRANSMITTER (Remote Valet Mode):
  - a. Press the UNLOCK and START/STOP buttons simultaneously until the parking lights flash three times.

The LED on the antenna will come on solid to indicate that the vehicle has successfully entered Valet mode.

- To put the system into Valet mode using the PUSH BUTTON SWITCH (Valet Switch Mode):
  - a. Insert the ignition key into the ignition switch.
  - b. Turn the key into the **on** position
  - c. Within 5 seconds, press the push button switch until the parking lights flash 3 times.

d. Release the push button and turn the ignition to the **OFF** position.

# The LED on the antenna will come on solid to indicate that the vehicle has successfully entered Valet mode.

# To put the system out of Valet Mode

- To put the system out of Valet mode using the KEY (Ignition Valet Mode):
  - Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions.

The parking lights will flash twice.

b. Turn the ignition off

The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.

- To put the system out of Valet mode using the TRANSMITTER (Remote Valet Mode):
  - a. Press the UNLOCK and START/STOP buttons simultaneously until the parking lights flash twice.

The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.

- To put the system o u t o f Valet mode using the PUSH BUTTON SWITCH (Valet Switch Mode):
  - a. Insert the ignition key into the ignition switch.
  - b. Turn the key into the **on** position
  - c. Press the push button switch until the Parking lights flash twice.
  - d. Release the push button and turn the ignition to the **off** position.

The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.

#### Panic Mode

Note: Panic Mode can only be activated if the horn has been adequately configured by your installer.

In an emergency situation, you can activate Panic Mode by pressing and holding the **PANIC** button for approximately 3 seconds until the sound signal starts and the parking lights flash: This will:

shut down the engine,

activate the horn for 30 sec.

disarm the Starter Kill and

Panic Mode will automatically shut down after 30 sec.

**Note:** To stop Panic Mode, press the LOCK or UNLOCK button until the sound signal stops.

#### Quick Lockout™

(Also called **Secure Panic**.) For fast protection in emergency situations, the system will **LOCK** all doors when you **press the brake pedal while you hear the sound signal**. (**Quick Lockout** is only available when **Panic Mode** has been set off.)

#### Cold Weather Mode

When Cold Weather Mode is active, the engine starts every 2 hours and runs for 3 minutes (or for 8 or 20 minutes with diesel engines). Cold Weather Mode automatically ends after 24 hours.

#### To enter Cold Weather Mode:

- Press and release the PANIC button.
- While the LED on the transmitter is flashing, press START/STOP until the parking lights flash three (3) times.

## To exit Cold Weather Mode, do any one of the following actions:

- Open the hood.
- Start the engine by remote.
- Turn the ignition key to the **IGNITION ON (RUN)** position.

P. 8 User Guide

 Press and release the PANIC button. While the LED on the transmitter is flashing, press the START/STOP button until the parking lights flash once.

### To verify whether the system is in Cold Weather Mode:

- Press the brake pedal:
- If the vehicle is in cold weather mode, the parking lights will stay on while the pedal is pressed.

#### The Starter Kill and the Anti-grind Feature

With this added security feature, the system will prevent your vehicle from starting with the ignition key when the Starter Kill is armed. If your Remote Car Starter was installed with the Starter Kill option, one will not be able to start your vehicle with the key unless the system has been unlocked and disarmed first, or put into Valet Mode.

**Note:** If the Starter Kill is installed, your vehicle will benefit from a protection against starter motor damage that could occur after remote-starting the engine should the user, by force of habit, turn the ignition key to the **CRANK** position.

#### Extended Run Time

With the vehicle running under a remote start, pressing and holding the START/STOP button for more than 3 seconds will reset the run time counter to zero and restart the run time cycle from the beginning.

## The parking lights will flash 3 times to confirm the extended run time.

To stop the vehicle, at any moment, simply press the START/STOP button. This procedure can only be carried out once per remote start.

**Example:** if your Module is programmed for a run time of 3 minutes and your vehicle has been running for 2 minutes already, pressing the **START/STOP** button will reset the counter to zero and the Engine will run for another cycle (in this case, 3 minutes).

# Advanced Features: Installation-programmable Options

The Remote Car Starter was designed with flexibility and OEM integration in mind. With its programmable options, this unit can single-handedly control nearly any electrical system in your vehicle.

**Caution:** The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your Remote Car Starter. Please note that the following programmable options may require additional parts and labour.

Passive or Active Arming of the Starter Kill

See section "Arming the Starting Kill" earlier in this guide.

#### OEM-Style Alarm

The OEM-style alarm (if configured by your installer) monitors the doors, hood and ignition switch of your vehicle. It will sound the horn if a door or the hood is opened, or if the key is turned in the ignition.

- To arm the OEM-style alarm, press the LOCK button on the transmitter.
  - The OEM-style alarm will ONLY arm if the LOCK button on the transmitter is pressed.
  - The LED on the antenna will flash slowly to indicate that the OEM-style alarm is now
- To **disarm** the OEM-style alarm, press the **UNLOCK** button on the transmitter.
  - To stop the horn from sounding if the OEM-style alarm is triggered, press the LOCK or UNLOCK button, or put the system in and out of Valet Mode (ignition valet, remote valet or using the valet switch for more information, see the "Valet Mode" section earlier in this Guide).

#### Remote Door Locks

If your Remote Car Starter was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry. See section **Arming the Starter Kill**, earlier in this Guide, for further instructions on remote door locking and unlocking.

### Priority Door Access

If the Remote Door Locks option is installed on your vehicle, this safety feature allows you to unlock solely the driver's door with a single press of the **UNLOCK** button on the transmitter. Upon a second press of the **UNLOCK** button within 6 seconds, all the other doors will unlock.

### Ignition-controlled Door Locks

This is an added security feature. If your Remote Car Starter was installed with the Ignition-Controlled Door Locks option, the doors will automatically be locked as soon as the ignition key is turned to the IGNITION ON (RUN) position while the brakes are pressed. When the key is turned to the OFF position, the doors will automatically be unlocked.

#### **Ianition Relock**

On Remote Car Starters of this series, when Ignition-controlled Door Locks are enabled and the ignition key is in the IGNITION ON (RUN) position, should any monitored door be unlocked and opened, all doors will be relocked next time the brake pedal is pressed.

#### Secure Lock

(Disabled by default.) Before your vehicle can be remote-started, the factory security system must first be disarmed. The Secure Lock feature may be required on certain vehicle models with factory security systems that automatically unlock the doors when the security system is disarmed.

To keep your vehicle protected when the factory security system is disarmed for a remote start, Secure Lock will relock your doors as soon as the vehicle is started. Once the engine is shut down by remote or after its runtime has expired, Secure Lock will also rearm your factory security system and relock the doors.

#### Remote Trunk Release

If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the TRUNK button for 3 seconds on the remote transmitter. The OEM-style alarm will be disarmed until the LOCK button is pressed.

#### Safe Start

If this feature is enabled, the user must press the START/STOP button twice within 3 seconds to remote-start the vehicle. This will eliminate accidental remote starts, e.g. when children are playing with the transmitter

- To remote-start your vehicle if **Swap Start Mode** is selected, press and release the **PANIC** button. While the LED on the transmitter is flashing, press **LOCK**.
- The Aux 2 output can be activated by pressing the START/STOP button.

#### Turbo Mode

If Turbo Mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle: the unit will take over the vehicle and keep it running for 60 seconds (or until it is shut down by remote control), then shut down the engine.

# If your vehicle has an <u>automatic transmission</u>, proceed as follows to set the system to Turbo Mode:

- With the engine already running, press the LOCK, UNLOCK or START/STOP button on the transmitter until the parking lights come on.
- 2. Remove the ignition key from the ignition switch.
  - The engine will continue running.
- 3. Exit the vehicle and close the door.

Press the TRUNK button; this will lock the doors and confirm that the vehicle is in Turbo Mode. The engine will shut down after 60 seconds.

P. 10 User Guide

If your vehicle has a <u>manual transmission</u>, follow all steps of the Ready Mode routine (see earlier in this Guide) to activate Turbo Mode. At the last step, press either:

- a. LOCK to lock the doors and have the engine shut down after 60 seconds;
- b. **UNLOCK** to unlock the doors and have the engine shut down after 60 seconds;
- c. START/STOP to shut down the engine without affecting the doors.

Note: The vehicle will enter Ready Mode once the engine run time expires.

#### Enaine Run Time

If you have a gas engine, your Remote Car Starter can be programmed to run the engine for 3, 15, or 25 minutes (15 minutes by default). If you have a diesel engine, the Remote Car Starter can be programmed to run the engine for 8, 20, or 30 minutes (20 minutes by default).

#### Constant While Pressed

If enabled by your installer, this option allows you to open or close your windows at a distance or to open or close the sunroof.

- Pressing and holding the LOCK button for more than 3 seconds will lock all doors and will send a
  constant pulse as long as the LOCK button is held down (maximum of 15 seconds). This
  constant pulse can be configured to activate certain functionalities such as rolling up the
  windows Please refer to your installer to see if your vehicle is compatible with this
  option.
- Pressing and holding the UNLOCK button for more than 3 seconds will unlock all doors and will send a constant pulse as long as the UNLOCK button is held down (maximum of 15 seconds).
   This constant pulse can be configured to activate certain functionalities such as rolling down the windows – Please refer to your installer to see if your vehicle is compatible with this option.

### Horn Chirp Timing

The pulse duration can be configured by your installer (from 5 ms to 200 ms).

#### Multi-car Operation

This option allows the owner of two vehicles, both equipped with the same Remote Car Starter model, to control both systems with a single remote control. To control the second vehicle:

**Note:** Your remote control must be configured for second car operation by the installer.

```
Press trunk + lock buttons simultaneously: .....Lock
Press trunk + unlock simultaneously: ......unlock
Press trunk + start/stop simultaneously: .....start
Press trunk + start/stop simultaneously: .....stop

Or

Press panic > panic > + lock: .....Lock
Press panic > panic > + unlock: .....unlock
Press panic > panic > + start/stop: ....start
Press panic > panic > + start/stop: ....stop
Press panic > panic > + start/stop: ....stop
Press panic > panic > + trunk: .....trunk
```

# Troubleshooting Poor Transmitting Range

Many factors may affect the operating range of the transmitter. Some of these are:

- The condition of the battery in the transmitter.
- The operating environment (for example: downtown radio-frequency noise, airports, cellular phone towers...).
- Metal: any type of metal will affect operating range. This includes the vehicle itself.
- The shape of the vehicle can affect range as well (vans in general have less range).
- The shape of the roof and A-pillars brings about considerable radio-frequency deflection (in this case, the signal from the remote control). As a result, the direction in which the vehicle is facing in relation to the remote control can affect the range. Straight on (standing in front of the vehicle) generally gives you the greatest range; the second best performance is from the back. Using the remote control from either side of the vehicle will usually give the lowest range.
- The range will be significantly lower in a crowded parking lot than in open space.
- Always hold the transmitter high, approximately at shoulder height.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

P. 12 User Guide

#### LIMITED LIFETIME WARRANTY

#### REMOTE STARTERS AND ALARM SYSTEMS:

As the manufacturer, 4366859 Canada Inc. ("Autostart") warrants to the original consumer purchaser only (nontransferable) that the remote starter module (control box) shall be free from defects in materials and workmanship for as long as the original consumer purchaser continuously owns the vehicle in which the remote starter was originally installed, as specified below:

- For the first two years after the date of manufacture, as specified by the serial number on the module, Autostart will replace the remote starter module free of charge with a new remote starter module.
- 2) For the third year and any consecutive year after the date of manufacture, as specified by the serial number on the module, Autostart will provide to the original consumer purchaser a new remote starter module, for a repair charge of \$25.00 USD.

In all cases, the consumer must return the remote starter module to the point of purchase, and must provide a copy of the proof of purchase to said retailer. A remote starter module will be returned to the retailer for the consumer to claim within a 4 (four)-week period. For case (2), a certified cheque or money order in the amount of \$25.00 USD must accompany the remote starter module, or the retailer may refuse the return.

#### ACCESSORIES:

Autostart warrants to the original consumer purchaser only (**nontransferable**) that it will replace any Autostart accessory part for a one-year period from date of purchase. Accessories will only be replaced if proven defective in material or workmanship, and if, when the accessory is returned to the point of purchase, the retailer is provided with a copy of the proof of purchase. The accessory will be sent to the retailer for the consumer to claim within a 4 (four)-week period.

#### THE WARRANTY IS VOID IF:

- The product has been damaged, altered in any way or tampered with, without the explicit written
  consent of an Autostart technician. For remote starter modules, this includes the opening or
  removal of the plastic covering of the module, or the removal or alteration of the barcode label on
  the plastic covering of the module.
- 2) The product is damaged due to accident, fire, flood, shipping and handling, misuse, neglect, or
- 3) The product has been installed or repaired by anyone other than a certified technician.
- 4) The product has been improperly installed or used.

#### THE WARRANTY DOES NOT COVER:

- 1) Batteries.
- 2) Scratched or worn transmitter cases.
- 3) Installation and/or removal charges for all remote starter modules and accessories.
- 4) Shipping and handling charges incurred for product exchange or replacement.
- 5) Any material damages other than to the product itself.
- 6) Harnessing, L.E.D. lights, switches, inverters, relays, etc.

THIS LIMITED LIFETIME WARRANTY SHALL CONSTITUTE THE SOLE LIABILITY OF AUTOSTART FOR OUR PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THERE ARE NO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR AUTOSTART ANY OTHER LIABILITY WITH RESPECT TO THE SALE OR USE OF OUR PRODUCTS. AUTOSTART'S LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR ANY OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT FOR DAMAGE IS THE BASIS OF THE CLAIM. UNDER NO CIRCUMSTANCE WILL AUTOSTART, ITS DISTRIBUTORS OR THEIR AGENTS BEAR ANY LIABILITY WHATSOEVER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The parties hereto elect that any dispute regarding the present document be submitted to the appropriate Court located in the Province of Quebec, District of Montreal. The parties hereto agree that this document is governed by and interpreted in accordance with the law of Quebec. If the purchaser is located in a province of Canada other than Quebec, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the law of Ontario. If the purchaser is located outside Canada, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the United Nations Convention on Contracts for the International Sale of Goods (the "Vienna Convention").