



# User Guide

## **WARNING**

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



1. a) **Manual transmission:** 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) **Automatic transmission:** 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.

## **Battery Low Voltage Warning**

Once the battery is weak, the LCD remote will display a battery low voltage and an "LOW BATTERY" indication with low battery melody to warn the user to charge it.

# DIRECTED

## **INDUSTRY CANADA USER NOTICE:**

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

**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.

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## Government regulations

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesirable operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

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.

### Canada Statements

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Introduction with SmartStart™

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), the Safe Start children safety feature and SmartStart™.

SmartStart™ is a groundbreaking technology that enables your remote starter features to be accessed by your smartphone. Features include keyless entry, trunk release, panic, remote start/stop toggle and alarm notifications<sup>1</sup>. **Note:** SmartStart™ must be professionally installed. For more information, see your nearest authorised Directed Canada dealer.

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.

<sup>1</sup> Certain conditions apply. See your authorised Directed Canada dealer.

## Vehicle Presets

### Heater

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, 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.

## Using the Transmitter

Your remote starter is equipped with a 5-button multi-channel remote control. It can operate two independent vehicles equipped with identical remote starters (see **Multi-car operation** section on page 18).

The functions of the 2-way transmitter are as follows:



**LOCK:** Locks the doors and arms the STARTER KILL (if installed).



**UNLOCK:** Unlocks the doors and disarms the STARTER KILL (if installed).  
Activates the Priority Door Access if configured.



**FUNCTION:**

Turns the backlight ON.

Enters remote Menu.

This button allows different functions to any of the other four buttons.



**TRUNK:**

Opens the **TRUNK**.

**Note:** Trunk option must be installed.



**START/STOP:**

Starts or Stops the engine (normal functions).



**Charger port:**

The battery charger plugs into this port.

**Note:** When using the remote for second car operation, the beep played by the transmitter changes to indicate the user that the second car operation message was sent to the car.

**The functions of the 1-way transmitter are as follows (optional):**



**LOCK:** Locks the doors and arms the STARTER KILL (if installed).



**UNLOCK:** Unlocks the doors and disarms the STARTER KILL (if installed). Activates the Priority Door Access if configured.



**TRUNK:** Opens the TRUNK.

**Note:** TRUNK option must be installed.



**START/STOP:** Remote starts or stops the engine. Gets the system into Cold Weather mode by pressing the **AUX** button and then pressing and holding the **START/STOP** button for 3 seconds. **Note:** Icon may vary.

**AUX**

(icon may vary)

**AUX:** This button serves as a second function button.

This button allows different functions to any of the other four buttons.

## LCD Transmitter basic confirmations

### Basic Vehicle Operations

Function	Button pressed	Icon / text	Sound	Instructions /description
Lock		/ LOCK	1 beep	Lock and arm the system
Unlock		/ UNLOCK	2 beeps	Unlock and disarm the system
Trunk		/ TRUNK	3 short beeps	Trunk output
Start		REMOTE START +  + 0:15M	Engine Start Melody	Start the engine (15 min. by default)
Stop		REMOTE STOP + CLOCK	Engine Stop Melody	Stop the engine
Back light		On for 4 seconds		Press  button quickly
Cold Weather mode	then	+	CWM Melody	See Cold Weather Mode section (page-15)
Valet Mode	+	+  + COMBO VALET ON	Valet Mode Melody	See Valet mode section (page-14)
Panic	or	PANIC +  for 3 sec.	1 beep	See Panic Mode section (page-15)

## Backlight

**Two different ways to use the backlight:**

- Turning the backlight on for **3 seconds**, press the button quickly.
- To browse the **MENU** with the backlight **ON:**
  - a) Press the button quickly and release. The backlight should turn ON.

- b) Within 3 seconds, press and release the **f** button to access the various functions. Refer to Remote advanced functions and Menu.

## *Remote advanced functions and MENU*

### How to access default advanced remote functions and MENU

User	→	Transmitter (default)
1. Press <b>f</b> for 1 second and release	→	Remote beeps once and <b>LEVEL1</b> appears on screen.
2. Press <b>f</b> a 2 <sup>nd</sup> time for 1 second and release	→	Remote beeps once and <b>LEVEL2</b> appears on screen.
3. Press <b>f</b> a 3 <sup>rd</sup> time for 1 second and release	→	Remote beeps once and <b>LEVEL3</b> appears on screen.
4. Press <b>f</b> a 4 <sup>th</sup> time for 1 second and release	→	Remote beeps once and <b>MENU</b> appears on screen.
5. At that point, press  to enter the remote MENU.	→	Follow the steps listed below in <b>“Selecting and adjusting advance MENU options”</b> :

**Note:** The order of **LEVELS** and **MENU** can be re-arranged in the menu option **f** **BUTTON PROGRAM**.

#### Selecting and adjusting advanced menu options:

1. When in **MENU**, press  button to enter the menu.
2. Press  button to move up in the menu or  button to move down in the menu.
3. Press  button to select the option you would like to adjust.
4. Press  button to **increase** the value or to activate or deactivate a function or toggle through the selection.
5. Press  button to **decrease** the value or to activate or deactivate a function or toggle through the selection.
6. Press  button to move to the next sub-option or go back to the main menu.
7. To **SAVE** modifications and **EXIT** remote **MENU**, do not touch any button for approximately 30 seconds or press  to save settings and **f** to exit menu.

**Remote advanced functions and MENU**

Display	Description
<p data-bbox="118 326 275 358"><b>PARK METER</b></p> <p data-bbox="174 363 203 391">(1)</p>	<p data-bbox="290 164 535 188"><b>Parking meter countdown</b></p> <p data-bbox="290 191 955 297">This version of the countdown feature is particularly useful for keeping track of parking meter time. The transmitter will beep 5 times, 5min before the Parking countdown reaches 0 then beeps 5 times once the countdown expires and display <b>PARK EXPIRY</b>.</p> <p data-bbox="290 300 843 329">Through Advanced Options, first press <b>f</b> to select <b>MENU</b>, then:</p> <ol data-bbox="387 332 955 553" style="list-style-type: none"> <li data-bbox="387 332 772 362">Choose <b>PARK METER</b> and press .</li> <li data-bbox="387 365 955 492">Choose <b>ON</b> then press . Set the time you want to allocate. First set the hour by pressing  to increment or  to decrement, and press . Then set the minutes and press  to apply the settings.</li> <li data-bbox="387 495 955 553">The text <b>PARK METER</b> will appear with the flashing  icon. Press <b>f</b> button to exit <b>MENU</b>.</li> </ol>
<p data-bbox="110 724 268 756"><b>ALARM CLOCK</b></p> <p data-bbox="174 761 203 789">(2)</p>	<p data-bbox="290 553 405 578"><b>Alarm clock</b></p> <p data-bbox="290 581 955 686">The LCD remote control has a built-in alarm clock, which can be set up using the <b>ALARM CLOCK</b> Menu. Once the programmed time is reached, the remote will beep 5 times and display the text <b>ALARM CLOCK</b> every minute for a period of 5 minutes or until a button is pressed.</p> <p data-bbox="290 690 843 719">Through Advanced Options, first press <b>f</b> to select <b>MENU</b>, then:</p> <ol data-bbox="387 722 955 951" style="list-style-type: none"> <li data-bbox="387 722 790 751">Choose <b>ALARM CLOCK</b> and press .</li> <li data-bbox="387 755 955 881">Choose <b>ON</b> and press . Set the time at which you want to set the alarm. First set the hour by pressing  to increment or  to decrement, and press . Then set the minutes and press  to apply the settings.</li> <li data-bbox="387 885 955 951">The text <b>ALARM CLOCK</b> will appear with the flashing  icon. Press <b>f</b> button to exit <b>MENU</b>.</li> </ol>
<p data-bbox="160 1040 213 1073"><b>CWM</b></p> <p data-bbox="174 1078 203 1105">(3)</p>	<p data-bbox="290 951 955 1008"><b>Cold weather mode function (see Cold weather mode section for details)</b></p> <p data-bbox="290 1011 843 1040">Through Advanced Options, first press <b>f</b> to select <b>MENU</b>, then:</p> <ol data-bbox="387 1044 955 1187" style="list-style-type: none"> <li data-bbox="387 1044 693 1073">Choose <b>CWM</b> and press .</li> <li data-bbox="387 1076 955 1133">Choose <b>ON</b>, then press . The icon  and  will appear and the remote will display the text <b>CWM ON</b>.</li> <li data-bbox="387 1133 955 1187">To disable CWM, simply redo the steps above and select <b>OFF</b>.</li> </ol>

Display	Description
<p data-bbox="120 289 253 313"><b>VALET MODE</b></p> <p data-bbox="176 326 200 350">(4)</p>	<p data-bbox="290 126 771 151"><b>Valet functions (see Valet Mode section for details)</b></p> <p data-bbox="290 159 843 183">Through Advanced Options, first press <b>f</b> to select <b>MENU</b>, then:</p> <ol data-bbox="389 191 955 508" style="list-style-type: none"> <li data-bbox="389 191 771 215">a. Choose <b>VALET MODE</b> and press .</li> <li data-bbox="389 224 955 248">b. Press  or  to make your selection then press . <ol data-bbox="439 256 955 362" style="list-style-type: none"> <li data-bbox="439 256 716 280">i. <b>OFF</b>: It disables Valet mode.</li> <li data-bbox="439 289 955 337">ii. <b>ALARM VALET</b>: Only the alarm is disabled, if available. <ul data-bbox="492 313 955 337" style="list-style-type: none"> <li data-bbox="492 313 955 337">•  and  or  will appear on the LCD screen.</li> </ul> </li> <li data-bbox="439 345 955 394">iii. <b>START VALET</b>: Only the starter is disabled, if available. <ul data-bbox="492 370 955 394" style="list-style-type: none"> <li data-bbox="492 370 955 394">•  and  or  will appear on the LCD screen.</li> </ul> </li> <li data-bbox="439 402 955 451">iv. <b>COMBO VALET</b>: Starter and alarm are disabled. <ul data-bbox="492 443 955 467" style="list-style-type: none"> <li data-bbox="492 443 955 467">• ,  and  will appear on the LCD screen.</li> </ul> </li> <li data-bbox="439 475 955 508">v. <b>BACK</b>: It brings you to the remote menu display.</li> </ol> </li></ol>
<p data-bbox="120 686 253 711"><b>TIME START</b></p> <p data-bbox="176 724 200 748">(5)</p>	<p data-bbox="290 516 471 540"><b>Time start function</b></p> <p data-bbox="290 548 955 621">This feature is used to remote start the car at a pre-programmed time. Once the pre-programmed time is reached, the remote will send a start command to the vehicle module.</p> <p data-bbox="290 630 843 654">Through Advanced Options, first press <b>f</b> to select <b>MENU</b>, then:</p> <ol data-bbox="389 662 955 833" style="list-style-type: none"> <li data-bbox="389 662 955 711">a. Choose <b>TIME START</b> and press . Choose <b>ON</b> to enable this feature and press .</li> <li data-bbox="389 719 955 800">b. Set the time at which you want to remote start the vehicle. First set the hour, and press . Then set the minutes and press  to apply settings.</li> <li data-bbox="389 808 955 833">c.  will appear on the screen to confirm activation.</li> </ol> <p data-bbox="290 865 955 914"><b>Note:</b> The <b>TIME START</b> function can only be carried out once per remote start.</p>
<p data-bbox="109 1109 263 1133"><b>KEYPAD LOCK</b></p> <p data-bbox="176 1146 200 1170">(6)</p>	<p data-bbox="290 922 492 946"><b>Keypad lock function</b></p> <p data-bbox="290 954 955 1109">By default, keypad lock is disabled. When this feature is enabled, the remote is locked to prevent unintentional operations. Note that as long as the keypad is locked, the remote is non-operational until the feature is disabled or temporarily unlocked for 20 seconds. To temporarily unlock the keypad, press and hold the <b>f</b> button until the remote plays a melody and <b>READY</b> is displayed on the LCD.</p> <p data-bbox="290 1149 955 1198">To enable Keypad lock through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol data-bbox="389 1206 955 1352" style="list-style-type: none"> <li data-bbox="389 1206 955 1255">a. Choose <b>KEYPAD LOCK</b> and press  (by default, the option is <b>OFF</b>).</li> <li data-bbox="389 1263 955 1320">b. Press  or  to select the desired time before keypad locking: 5 sec, 10 sec, 20 sec.</li> <li data-bbox="389 1328 955 1352">c. Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>

Display	Description
	<p><b>Screen color</b></p> <p>The screen color can be set to 7 different colors. By default, the backlight color is GREEN.</p>
<b>SCREEN COLOR</b>	<p>Through Advanced Options, first press <b>f</b> to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>COLOR</b> and press .</li> <li>Choose the desired color by pressing  or .</li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
(7)	
	<p><b>Confirmation type</b></p> <p>This feature enables the user to choose the various types of confirmation feedback return once a command has been executed.</p> <p>Through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>TONE VIBR CONFIRM</b> and press .</li> <li>Press  or  to select the method of confirmation: <ol style="list-style-type: none"> <li><b>TONE:</b> The remote will only play various melodies and beeps to confirm various commands.</li> <li><b>TONE VIBR:</b> The remote will play various melodies and beeps with vibration to confirm various commands.</li> <li><b>VIBR:</b> The remote will vibrate only to confirm various commands.</li> <li><b>OFF:</b> The remote will be completely silent.</li> </ol> </li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
<b>TONE VIBR CONFIRM</b>	
(8)	
	<p><b>Color confirmation</b></p> <p>This feature enables the user to choose various color confirmation feedback return once a command has been executed.</p>
<b>CONFIRM COLOR</b>	<p>Through Advanced Options, first press <b>f</b> to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>COLOR CONFIRMATION</b> and press .</li> <li>Press  or  to toggle selection (by default, the option is <b>OFF</b>).</li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
(9)	
	<p><b>Clock Set</b></p> <p>Through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>CLOCK SET</b> and press .</li> <li>First set the hour by pressing  to increment or  to decrement, and press . Then set the minutes and press .</li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
<b>CLOCK SET</b>	
(10)	
	<p>This feature enables the user to choose the temperature unit display (temperature sensor needed and sold separately).</p> <p>Through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>TEMPERATURE</b> and press .</li> <li>Press  or  to toggle selection (by default, the option is C).</li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
<b>TEMPERATURE</b>	
(11)	

Display	Description
	<p><b>f Button function</b></p> <p>The order of <b>LEVELS</b> and <b>MENU</b> can be re-arranged using the <b>f</b> button Function Menu.</p>
<b>f BUTTON PROGRAM</b>	<p>Through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>f BUTTON PROGRAM</b> and press .</li> <li>Press  or  to select either <b>123M</b> or <b>M123</b> (by default, the option is <b>123M</b>).</li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
(12)	
	<p><b>Demo menu</b></p> <p>Through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>DEMO</b> and press .</li> <li>Press  or  to play the demo: <ol style="list-style-type: none"> <li><b>SILENT</b>: The LCD screen animates all confirmation with no backlight nor tones.</li> <li><b>TONE</b>: The LCD screen animates all confirmation with various tones only.</li> <li><b>TONE SCREEN COLOR</b>: The LCD screen animates all confirmation with backlight and tones.</li> <li><b>BACK</b>: To go back to the <b>MENU</b>.</li> </ol> </li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
<b>DEMO</b>	
(13)	
<b>SW VERSION</b>	<b>Software version menu</b>
(14)	Displays the software version programmed on the transmitter.
	<p><b>Page Mode</b></p> <p>This feature sets the transmitter page mode. When page mode is set to <b>AUTO</b>, the transmitter will adjust itself to sleep mode, and to wake up when a page from the antenna is received, thus conserving the battery consumption and prolonging the battery. When page mode is set to <b>ON</b>, the transmitter is always listening for a message, and <b>OFF</b> is simply not listening for any message.</p>
<b>PAGE MODE</b>	<p>Through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>PAGE MODE</b> and press .</li> <li>Press  or  to select <b>AUTO</b>, <b>ON</b> or <b>OFF</b> (by default, the option is <b>AUTO</b>).</li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol> <p><b>Note:</b> It is recommended to set the <b>PAGE</b> mode to <b>AUTO</b> setting.</p>
(15)	
	<p><b>Language display</b></p> <p>Can be set to <b>ENGLISH</b>, <b>FRANCAIS</b> or <b>ESPANOL</b>.</p>
<b>LANG</b>	<p>Through Advanced Options, first press <b>f</b> button to select <b>MENU</b>, then:</p> <ol style="list-style-type: none"> <li>Choose <b>LANG</b> then press .</li> <li>Press  or  to choose the desired language.</li> <li>Press  to apply the settings then press <b>f</b> button to exit.</li> </ol>
(16)	
<b>EXIT</b>	<b>Exit</b>
(17)	Exits the Remote advance functions and <b>MENU</b> table. Press  to exit.

# Remote-Starting Your Vehicle

## Setting Your Vehicle Into Ready Mode

If your vehicle is equipped with a manual transmission you must read the following indications. The unit must first be set to Ready Mode in order to be able to start the vehicle by remote.

Please note that this feature can be enabled using the remote or the handbrake. Both procedures are described below for your convenience.

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, the hood or the trunk 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. Ensure that all the doors, hood and trunk are closed. Make sure that the gear selector is in the neutral position.		
2. With the engine running, apply the parking brake once and release the brake pedal.	2. With the engine running, apply the parking brake twice within 10 sec.	
3. Within 10 sec. of engaging the parking brake, press and hold   or  on the transmitter (SmartStart™ uses only the SmartStart™ icon).	3. Make sure to release the brake pedal.	
4. The parking lights will flash 5 times quickly and remain lit. Release the button.	4. The parking lights will flash 5 times quickly and remain lit.	
5. Remove the key: the engine will keep on running.		
6. Exit the vehicle. All doors should be closed, including the hood and trunk.		
7. <b>THERE ARE THREE POSSIBLE OPTIONS TO COMPLETE READY MODE (programmable by installer)</b>		
<b><u>OPTION 1: Automatic shut down without AUTO LOCK</u></b>	<b><u>OPTION 2: Manual shut down (default)</u></b>	
<b><u>OPTION 3: Automatic shut down with AUTO LOCK</u></b>		
The engine stops.	The engine keeps going until you press either; <ol style="list-style-type: none"> <li>a.  to lock the doors and shut down the engine;</li> <li>b.  to unlock the doors and shut down the engine;</li> <li>c.  to shut down the engine without affecting the doors.</li> </ol>	The engine runs for 8 sec. then locks the doors before finally shutting down the engine, without user interaction.

<b>WARNING:</b> The vehicle is not armed or locked down.	<b>WARNING:</b> Engine runs until the pre-programmed run time expires.	<b>WARNING:</b> <u>Do not</u> leave your keys in the vehicle!
The Parking lights will flash <b>twice</b> to indicate Ready mode is set. To see the icon, refresh the remote screen by pressing 	The  icon will appear on your screen.	The Parking lights will flash <b>twice</b> to indicate Ready mode is set. To see the icon, refresh the remote screen by pressing  .

### **Remote-starting**

1. Press the  button for approximately 1 second and release.
2. The remote will beep once and display **START** (2-way remote only).
3. After a few seconds you will receive the following to confirm that the vehicle has successfully remote started: Start melody, **REMOTE START** and .

**Note:** If you have not received the confirmation within 10 seconds, simply press  to refresh the LCD screen.

If your vehicle does not start on the first attempt, the system will shut down, wait a few seconds and try to start the engine again. There will be 3 start attempts before the system gives up.

Press  to remote stop the vehicle at any moment. The remote will play a shutdown melody to confirm.

### **Driving Off**

With the vehicle running remotely, press the  button to disarm the starter kill (if installed) and unlock the doors. Enter the vehicle and do the following:

1. 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.)
2. Press the brake pedal to disengage the remote starter unit.

You are now ready to drive off.

**Note:** On some Push-To-Start (PTS) vehicles, no takeover is possible as pressing the brakes will shut the engine down. Please talk to your installation specialist to determine if the "Takeover mode" can be set for your vehicle.

## ***Arming and disarming the starter kill (if installed)***

This added security feature will prevent the vehicle from starting with the Ignition key when the starter kill is armed. If the system was installed with the starter kill option, the vehicle will not be able to start with the key unless the system has been unlocked first or put into Valet Mode (**page 14**). Note that an external device is required for this feature. Please refer to your installation specialist for availability.

**Note:** If the Starter Kill is installed, the 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.

The starter is always set to active mode requiring the user to manually arm or disarm the Starter Kill as desired.

## How to operate:

To arm the Starter Kill:

- Press the  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.

To disarm the Starter Kill:

- Press the  button on the transmitter.
  - The parking lights will flash twice.
  - The LED on the antenna will remain **OFF**.
  - If remote door locks are installed, this will also unlock the doors.

## Remote Starter Features

### 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.

To LOCK your doors and ARM the system:

1. Press and hold the  button for approx. 1 sec.
2. The remote will beep once then display the text **LOCK** and the  icon to confirm locking of the doors.

To UNLOCK your doors and DISARM the system:

1. Press and hold the  button for approx. 1 sec.
2. The remote will beep twice then display the text **UNLOCK** and the  icon to confirm unlocking of the doors.

### Remote Trunk Release

If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the  button for 5 seconds. During this time, the remote will beep once to confirm that you are in range and it will display the text **TRUNK** on the screen. In addition, this will also disarm the OEM alarm (if available).

### 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.

**Activating Idle mode (Automatic transmission):**

1. With the engine running, make sure to release the brake pedal and press the ,  or  button on the transmitter until the parking lights come **ON**.  
**Note:** SmartStart™ can be setup to use the SmartStart™ icon to activate Idle mode.
2. Remove the ignition key from the ignition switch.  
The engine will continue running.
3. Exit the vehicle. All doors, the hood and trunk should be closed

4. Press the  button to lock the doors, to arm the starter kill and to arm the alarm (if available). The engine will continue running.
  - a. When re-entering the vehicle, the user must reinsert the key into the ignition and turn it to the **ON** position (not Crank) without pressing on the brake.
  - b. *Once the key is in the ON position*, press on the brake pedal to put the transmission in gear. Pressing the brake pedal at this step will cancel the remote starter takeover.
  - c. Drive off.

If your vehicle has a manual transmission, Idle Mode can be activated through the same routine as that used for **Ready Mode (page-11)**; at the last step, press the  button to lock the doors, arm the system and leave the engine running.

## **Valet Mode**

When the vehicle is in Valet Mode, the remote starter is disabled. If the vehicle needs to be serviced, or if you park it indoors, Valet Mode will prevent the engine from being remote-started accidentally.

### **Any of the following features will put the remote car starter into Valet Mode:**

**Ignition Valet:** This feature allows you to set Valet Mode using the ignition key.

**Remote valet:** This feature allows you to set Valet Mode using the transmitter.

**Valet Switch:** Set Valet Mode using the toggle switch.

### **To put the system into Valet Mode**

#### **Using the KEY (Ignition Valet Mode):**

1. Insert the ignition key into the ignition switch. Within 10 sec., turn the key repeatedly between the **IGNITION/RUN** and **OFF** positions until parking lights flash **3 times**.
2. Turn the ignition **OFF**.
3. The LED on the antenna will stay **ON** indicating that the vehicle has successfully entered Valet mode.
4. Press  or  to refresh the screen. The  /  is displayed to confirm valet mode activation.

#### **Using the TRANSMITTER (Remote Valet Mode):**

1. Press the  and  buttons simultaneously until the  and  icon appears on the LCD display and the  / .
2. The LED on the antenna will stay **ON** indicating that the vehicle has successfully entered Valet mode.

#### **Using the TOGGLE SWITCH (Valet Switch Mode):**

Set the switch to the **OFF** position.

**Note:** Consult with your installation specialist for the location of the toggle switch in your vehicle.

### **To take the system out of Valet Mode**

#### **Using the KEY (Ignition Valet Mode):**

1. Insert the ignition key into the ignition switch. Within 10 sec., turn the key repeatedly between **IGNITION/RUN** and **OFF** positions until parking lights flash **twice**.
2. Turn the ignition **OFF**.
3. The LED on the antenna will switch **OFF** indicating that the vehicle is now out of Valet mode.
4. Press  or  to refresh the screen. The  and  icon will disappear from the screen.

### Using the TRANSMITTER (Remote Valet Mode):

1. Press the  and  buttons simultaneously until the  and  icon disappears from the LCD display.
2. The LED on the antenna will start to flash again or will switch **OFF** indicating that the vehicle is now out of Valet mode.

### Using the TOGGLE SWITCH (Valet Switch Mode):

Set the switch to the **ON** position.

**Note:** Consult with your installation specialist for the location of the toggle switch in your vehicle.

If someone attempted to remote-start the vehicle while in Valet Mode; the parking lights will:

- Turn **ON**, then **OFF**, then will flash **twice**.  
**OR**
- Turn **ON**, then **OFF** 7 times (when the toggle switch is set to **OFF**).

### Horn Confirmation

**Note:** Horn Confirmation can only be activated if the horn has been adequately configured by the installer.

If configured by the installer, the horn will be triggered every time the  button is pressed, or when it is pressed twice within 3 seconds.

### Car Finder

**Note:** Car Finder can only be activated if the horn has been adequately configured by the installer.

This feature allows the user to locate where the vehicle is parked in a busy parking lot.

### To activate Car Finder

1. Press and release **f** to select **LEVEL1**.
2. Press and hold the  button. The LCD remote displays **CONFM** and plays a melody to confirm the command.

### **1-way remote:**

Press the AUX button once. While the remote LED is flashing, press and hold the  button. The horn emits 3 short honks and the parking lights flash 10 times.

### Panic Mode

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

In an emergency situation, you can activate panic mode by pressing and holding the  or  button for more than 3 seconds, until the horn starts honking. The LCD will display **PANIC** for 3 seconds. If the vehicle is under a remote start, the engine will shut down automatically before setting off the horn. You can stop the horn by pressing  or .

\* **Panic Mode will automatically shut down after 30 sec.**

### Cold Weather Mode

If the vehicle has a **manual transmission**, **Ready mode (page-11)** should be set before entering Cold Weather mode. When Cold Weather Mode is active, the engine starts every 2 hours and runs for the pre-programmed run time (please refer to your installation specialist). Cold Weather Mode automatically ends after 24 hours or 12 starts.

### To enter Cold Weather Mode:

2-way remote:

1. Press and release **f** to select **LEVEL1**.
2. Press and hold the  button until the  and  icon appears on the display (you can also access it using the Remote Menu; refer to Remote advanced functions and MENU).

OR

1-way remote:

1. Press **AUX** once. While the remote LED is flashing, press and hold  until the parking lights flash 3 times.

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

- Open the hood.
- Start the engine remotely.
- Turn the ignition key to the **IGNITION ON (RUN)** position.
- Or by using the remote as so:

a) 2-way remote

Press and release **f** to select **LEVEL1**. Press and hold the  button until the  and  icon disappears from the display.

b) 1-way remote

Press **AUX** once. While the remote LED is flashing, press and hold  until the parking lights flash once.

### Extended Run Time

While the vehicle is running remotely, press and hold the  button until the remote plays the start melody and displays **REMOTE START**. This will reset the run time counter to zero and restart the run time cycle from the beginning.

To stop the vehicle, at any moment, simply press and release the  button.

**Example:** If your remote car starter is programmed for a run time of 3 minutes and your vehicle has been running for 2 minutes already, pressing the  button will reset the counter to zero and allow the engine to run for another cycle (in this case, 3 minutes).

### Temperature Request (If ACC-Temp-101 installed)

The user can request the temperature in the vehicle if a Temperature Sensor Module (ACC-Temp-101) is installed:

1. Through the remote advanced function menu (**page-6**), select **LEVEL1**.
2. Immediately press and release the  button to display the car indoor temperature.

**Note:** ACC-TEMP-101 is sold separately. Consult your installation specialist for more information.

### Relock

If your system was programmed with the Relock option, once you unlock the doors using the remote, but do not open any door, hood, trunk or turn the ignition **ON** within 30 seconds, the system will automatically relock and arm the OEM alarm (if available).

## ***Advanced Features: Installation-programmable Options***

The remote 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 starter.

### **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 lock as soon as the ignition key is turned to the **IGNITION ON (RUN)** position while the brakes are pressed. The remote car starter will also lock any door that was unlocked and opened (then closed) the next time the brake pedal is pressed (only when doors are monitored). When the key is turned to the **OFF** position, the doors will automatically be unlocked. Consult your installation specialist for more information.

### **Priority Door**

If configured by your installer, this feature allows the user to unlock **ONLY** the driver side door by pressing the  button once on the transmitter, and to unlock all the other doors by pressing that same button a second time.

### **Engine Run Time**

On a gasoline or diesel type engine, the Remote Car Starter can be programmed to run the engine for 1 to 30 minutes (15 minutes by default). Refer to your installation specialist for the pre-programmed engine run time of your remote car starter.

### **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 automatic transmission, proceed as follows to set the system to Turbo Mode:

1. With the engine running, make sure to release the brake pedal and press the ,  or  button on the transmitter until the parking lights come **ON**.  
**Note:** SmartStart™ can be setup to use the SmartStart™ icon to activate Turbo mode.
2. Remove the ignition key from the ignition switch. The engine will continue running.
3. Exit the vehicle and close all doors, hood and trunk.
4. Press the  button; this will lock the doors, and confirm that the vehicle is in Turbo Mode.
5. The engine will shut down after 60 seconds.

If your vehicle has a manual transmission, follow all steps of the **Ready Mode** routine (page-11) to activate Turbo Mode. At the last step,

- Press  to lock the doors and have the engine shut down after 60 seconds; The parking lights will flash 3 times and remain lit.
- Press  to unlock the doors and have the engine shut down after 60 seconds; The parking lights will flash 3 times and remain lit.
- Press  to shut down the engine without affecting the doors.

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

## **Rear Defogger**

This feature allows the user to activate the rear defogger circuit of the vehicle (if configured), while Remote Start is enabled.

### **To activate the rear defogger**

2-way remote:

Press and release **f** to select LEVEL1, then press .

The remote beeps, displays DEFOG, and the status icon updates to confirm the operation.

**OR**

1-way remote:

Press **AUX** once. While the remote LED is flashing, press .

## **Auxiliary Outputs**

This feature allows the user to activate various auxiliaries in the car. Consult with your installation specialist for availability.

## **Multi-car Operation**

This option allows the owner of two vehicles, both equipped with the same remote starter model, to control both systems with a single remote control.

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

-When using this remote for second car operation, a two-toned trill beep will play to indicate that the second car operation message was sent to the car.

To control the second vehicle:

Press  +  simultaneously: ..... **LOCK**

Press  +  simultaneously: ..... **UNLOCK**

Press  +  simultaneously: ..... **START**

Press  +  simultaneously: ..... **STOP**

**OR**

Press **f** > **f** > : ..... **LOCK**

Press **f** > **f** > : ..... **UNLOCK**

Press **f** > **f** > : ..... **START**

Press **f** > **f** > : ..... **STOP**

Press **f** > **f** > : ..... **TRUNK**

## Multi-Level Features

The multi-level features allow you to access different features of your vehicle or of a second car by pressing the **f** button twice, three or four times. For convenience purpose, the order of **LEVELS** and **MENU** can be re-arranged through **f** **BUTTON PROGRAM** setting.

### Features:

- **Advanced features:**

- Car Finder (if configured): Level 1 + 
- Rear Defogger (if configured): Level 1 + 
- Cold Weather mode: Level 1 + 
- Temperature request (if configured): Level 1 + 

- **Multicar Operation:** Allows the owner to control both vehicle equipped with the same remote starter model. Refer to Multicar Operation on page 18 for more information.

- **Auxiliary outputs:**

- AUX1: Level 3 + 
- AUX2: Level 3 + 
- AUX3: Level 3 + 
- AUX4: Level 3 + 

- **Menu:** See Menu section for the complete Menu list.

To control the Multi level features, refer to the tables below:

<b>f</b> <b>BUTTON PROGRAM</b> setting 1 *default		
<b>FBPRO</b> setting	<b>Features</b>	<b>Levels</b>
1	Advanced features	L01
2	Multicar operation	L02
3	Auxiliary output activation	L03
<b>M</b>	<b>MENU</b>	<b>MENU</b>

<b>f</b> <b>BUTTON PROGRAM</b> setting 2		
<b>FBPRO</b> setting	<b>Features</b>	<b>Levels</b>
<b>M</b>	<b>MENU</b>	<b>MENU</b>
1	Advanced features	L01
2	Multicar operation	L02
3	Auxiliary output activation	L03

## Troubleshooting 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 metal in the car.
- The shape of the vehicle can affect range as well; vans in general have an especially poor 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. Holding the transmitter against your chin will also increase your range: your head acts as an antenna.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

## Diagnostics – Parking Light Flash Table

Parking lights flashes	Description
1	<ul style="list-style-type: none"> <li>• Doors locked.</li> <li>• Trunk released.</li> <li>• Start signal received from the remote.</li> <li>• Runtime has expired.</li> <li>• Cold weather mode deactivated.</li> </ul>
2 slow	<ul style="list-style-type: none"> <li>• Shutdown by remote</li> </ul>
2 fast	<ul style="list-style-type: none"> <li>• Doors unlocked</li> <li>• Valet mode is deactivated</li> </ul>
3 slow	<ul style="list-style-type: none"> <li>• Runtime is extended.</li> </ul>
3 fast	<ul style="list-style-type: none"> <li>• Valet mode activated.</li> <li>• Cold weather mode activated.</li> </ul>
4 fast	<ul style="list-style-type: none"> <li>• Shutdown by brake</li> <li>• A remote start was attempted while the brake pedal is engaged.</li> </ul>
7 fast	<ul style="list-style-type: none"> <li>• A remote start was attempted while the Valet Switch is set to the OFF position.</li> </ul>
10 fast	<ul style="list-style-type: none"> <li>• Shutdown by hood</li> <li>• A remote start was attempted while the hood is open.</li> </ul>
Solid ON	<ul style="list-style-type: none"> <li>• Engine is running under remote start.</li> </ul>
Flash for 30 sec.	<ul style="list-style-type: none"> <li>• Panic mode is triggered.</li> </ul>