

User Guide

<u>WARNING</u>



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".)

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 notifications¹. **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.

¹ 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-21**).

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

	(LOCK: Locks the doors and arms the system.
14594	D	UNLOCK: Unlocks the doors and disarms the system. Activates the AUX 1 output if Priority Door Access is configured.
0 0	f	FUNCTION: Turns the backlight ON. Enters remote Menu. This button allows different functions to any of the other four buttons.
	7	TRUNK: Opens the TRUNK or activates the AUX 3 output. Note: Trunk option must be installed.
\	③	START/STOP: Starts or Stops the engine (normal functions).
(Image as reference only)		Charger port: The battery charger plugs into this port.
(image as reference only)		

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.

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

0	LOCK: Locks the doors and arms the system.	
ð	UNLOCK: Unlocks the doors and disarms the system. Activates the AUX 1 output if Priority Door Access is configured.	
¥	TRUNK: Opens the TRUNK or activates the AUX 3 output. Note: TRUNK option must be installed.	0 0
③	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	AUX: This button serves as a second function button. This button allows different functions to any of the other four buttons.	(Image as reference on

LCD Transmitter basic confirmations

Basic Vehicle Operations

Function	Button pressed	Icon / text	Sound	Instructions /description	
Lock		G /LOCK	1 beep	Lock and arm the system	
Unlock	7	UNLOCK	2 beeps	Unlock and disarm the system	
Trunk or Aux 3	¥	K/TRUNK	3 short beeps	Trunk output	
Start	③	REMOTE START +	Engine Start Melody	Start the engine (15 min. by default)	
Stop	③	REMOTE STOP + CLOCK	Engine Stop Melody	Stop the engine	
Back light	f	On for 4 seconds		Press f button quickly	
Cold Weather mode	f then ③	; 7₊	CWM Melody	See Cold Weather Mode section (page-16)	
Valet Mode	□ ^₊③	+ 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-16)	

Backlight

Two different ways to use the backlight:

- ullet Turning the backlight on for **3 seconds**, press the $oldsymbol{f}$ button quickly.
- To browse the **MENU** with the backlight **ON**:
 - a) Press the ${m f}$ button quickly and release. The backlight should turn ON.
 - b) Within 3 seconds, press and release the \boldsymbol{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 f for 1 second and release	→	Remote beeps once and LEVEL1 appears on screen.
2. Press f a 2 nd time for 1 second and release	→	Remote beeps once and LEVEL2 appears on screen.
3. Press f a 3 rd time for 1 second and release	→	Remote beeps once and LEVEL3 appears on screen.
4. Press f a 4 th time for 1 second and release	→	Remote beeps once and MENU appears on screen.
5. At that point, press t to enter the remote MENU.	→	Follow the steps listed below in "Selecting and adjusting advance MENU options":

Note: The order of LEVELS and MENU can be re-arranged in the menu option $m{f}$ 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.

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Remote advanced functions and MENU

Display	Description		
	Parking meter countdown		
	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 PARK EXPIRY .		
	Through Advanced Options, first press f to select MENU , then:		
PARK METER	a. Choose PARK METER and press		
(1)	b. Choose ON then press C . Set the time you want to allocate.		
(-7	First set the hour by pressing to increment or to		
	decrement, and press . Then set the minutes and press		
	to apply the settings.		
	c. The text PARK METER will appear with the flashing icon.		
	Press f button to exit MENU .		
	Alarm clock		
	The LCD remote control has a built-in alarm clock, which can be set up using		
	the ALARM CLOCK Menu. Once the programmed time is reached, the		
	remote will beep 5 times and display the text ALARM CLOCK every minute for a period of 5 minutes or until a button is pressed.		
	Through Advanced Options, first press f to select MENU , then:		
ALARM CLOCK	a. Choose ALARM CLOCK and press 💪		
(2)	b. Choose ON and press \(\bigcirc \) . 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.		
	c. The text ALARM CLOCK will appear with the flashing		
	icon. Press $m{f}$ button to exit MENU .		
	Cold weather mode function (see Cold weather mode section for details)		
	Through Advanced Options, first press f to select MENU , then:		
CWM	a. Choose CWM and press .		
(3)	b. Choose ON , then press C . The icon and will appear		
` '	and the remote will display the text CWM ON .		
	c. To disable CWM, simply redo the steps above and select OFF .		
	1		

Display	Description		
	Valet functions (see Valet Mode section for details)		
	Through Advanced Options, first press f to select MENU , then:		
	a. Choose VALET MODE and press L .		
	b. Press 🖬 or 🖬 to make your selection then press 眸.		
	i. OFF: It disables Valet mode.		
VALET MODE	ii. ALARM VALET: Only the alarm is disabled, if available.		
(4)	 □ and □ or □ will appear on the LCD screen. iii. START VALET: Only the starter is disabled, if available. 		
	 and nor no will appear on the LCD screen. iv. COMBO VALET: Starter and alarm are disabled. 		
	ullet and $igtharpoonup$ will appear on the LCD screen.		
	v. BACK: It brings you to the remote menu display.		
	Time start function		
	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.		
	Through Advanced Options, first press $m{f}$ to select MENU , then:		
	a. Choose TIME START and press L . Choose ON to enable		
TIME START	this feature and press 💪		
(5)	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.		
	c. 🎒 will appear on the screen to confirm activation.		
	Note: The TIME START function can only be carried out once per remote start.		
	Keypad lock function		
	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 f button until the remote plays a melody and READY is displayed		
	and noid the J button until the remote plays a melody and READY is displayed on the LCD.		
KEYPAD LOCK			
(6)	To enable Keypad lock through Advanced Options, first press ${\pmb f}$ button to select MENU , then:		
	a. Choose KEYPAD LOCK and press (by default, the		
	option is OFF).		
	b. Press or to select the desired time before keypad		
	locking: 5 sec, 10 sec, 20 sec.		
	c. Press 眸 to apply the settings then press f button to exit.		

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Display	Description		
	Screen color		
	The screen color can be set to 7 different colors. By default, the backlight color		
SCREEN	is CYAN.		
COLOR	Through Advanced Options, first press f to select MENU , then:		
(7)	a. Choose COLOR and press 🕰		
	b. Choose the desired color by pressing 🖬 or 🖬		
	c. Press 🏲 to apply the settings then press f button to exit.		
	Confirmation type		
	This feature enables the user to choose the various types of confirmation		
	feedback return once a command has been executed.		
	Through Advanced Options, first press button to select MENU, then:		
	a. Choose TONE VIBR CONFIRM and press .		
TONE VIBR	b. Press or to select the method of confirmation:		
CONFIRM	i. TONE: The remote will only play various melodies and		
(8)	beeps to confirm various commands. ii. TONE VIBR: The remote will play various melodies and		
	beeps with vibration to confirm various commands.		
	iii. VIBR: The remote will vibrate only to confirm various		
	commands.		
	iv. OFF: The remote will be completely silent.		
	c. Press t to apply the settings then press f button to exit.		
	Color confirmation		
	This feature enables the user to choose various color confirmation feedback		
CONFIDM	return once a command has been executed.		
CONFIRM COLOR	Through Advanced Options, first press f to select MENU , then:		
	a. Choose COLOR CONFIRMATION and press 6 .		
(9)	b. Press or to toggle selection (by default, the option is		
	OFF).		
	c. Press $lacktriangle$ to apply the settings then press $m{f}$ button to exit.		
	Clock Set		
	Through Advanced Options, first press f button to select MENU , then:		
01 001/077	a. Choose CLOCK SET and press		
CLOCK SET	b. First set the hour by pressing 🖬 to increment or 🖬 to		
(10)	decrement, and press 🖺 Then set the minutes and press		
	c. Press 🔓 to apply the settings then press f button to exit.		
	This feature enables the user to choose the temperature unit display		
	(temperature sensor needed and sold separately).		
	Through Advanced Options, first press $m{f}$ button to select MENU , then:		
TEMPERATURE	a. Choose TEMPERATURE and press .		
(11)	b. Press or to toggle selection (by default, the option is		
	C).		
	c. Press $lacktriangle$ to apply the settings then press $m{f}$ button to exit.		
	••••		

Display	Description
	f Button function
	The order of LEVELS and MENU can be re-arranged using the $m{f}$ button
f BUTTON	Function Menu.
PROGRAM	Through Advanced Options, first press button to select MENU, then:
(12)	a. Choose f BUTTON PROGRAM and press
(12)	b. Press or to select either 123M or M123 (by default,
	the option is 123M).
	c. Press t to apply the settings then press f button to exit.
	Demo menu
	Through Advanced Options, first press f button to select MENU , then:
	a. Choose DEMO and press 6 .
	b. Press or to play the demo:
DEMO	 i. SILENT: The LCD screen animates all confirmation with no backlight nor tones.
(13)	ii. TONE : The LCD screen animates all confirmation with
(10)	various tones only.
	iii. TONE SCREEN COLOR: The LCD screen animates all
	confirmation with backlight and tones.
	iv. BACK : To go back to the MENU .
	c. Press 🔓 to apply the settings then press f button to exit.
SW VERSION	Software version menu
(14)	Displays the software version programmed on the transmitter.
	Page Mode
	This feature sets the transmitter page mode. When page mode is set to AUTO , 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 ON , the transmitter is
D. 05 H0D5	always listening for a message, and OFF is simply not listening for any
PAGE MODE	message.
(15)	Through Advanced Options, first press f button to select MENU , then:
	a. Choose PAGE MODE and press
	b. Press or to select AUTO, ON or OFF (by default, the
	option is AUTO).
	c. Press to apply the settings then press button to exit. Note: It is recommended to set the PAGE mode to AUTO setting.
	Language display
	Can be set to ENGLISH, FRANCAIS or ESPANOL.
LANG	Through Advanced Options, first press f button to select MENU, then:
(16)	a. Choose LANG then press 💪
	b. Press or or to choose the desired language.
	c. Press t to apply the settings then press f button to exit.
	Exit
EXIT	Exit Exits the Remote advance functions and MENU table.
(17)	Enter the Committee of

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Remote-Starting Your Vehicle

Setting Your Vehicle Into Ready Mode

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

- 3. Within 20 sec. of engaging the parking brake, press and hold or or on the transmitter (SmartStart™ uses only the SmartStart™ icon).
- 4. The parking lights will flash 3 times guickly and remain lit. Release the button.
- 2. With the engine running, apply the parking brake twice within 10 sec.
- 3. Make sure to release the brake pedal.
- 4. The parking lights will flash 3 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. THERE ARE THREE POSSIBLE OPTIONS TO COMPLETE READY MODE (programmable by installer)

OPTION 1: No lock	OPTION 2: Manual shut down (default)	OPTION 3: Automatic shut down
The engine stops.	The engine keeps going until you press either; a. to lock the doors and shut down the engine; b. to unlock the doors and shut down the engine; c. to shut down the engine without affecting the doors.	The engine runs for 8 sec. then locks the doors before finally shutting down the engine, without user interaction.
WARNING: The vehicle is not armed or locked down.	WARNING: Engine runs until the pre-programmed run time expires.	WARNING: Do not leave your keys in the vehicle!

The Parking lights will flash twice to indicate Ready mode is set. To see the l icon, refresh the remote screen by pressing l .	The l icon will appear on your screen.	The Parking lights will flash twice to indicate Ready mode is set. To see the icon, refresh the remote screen by pressing.
--	---	--

Remote-starting

- Press the button for approximately 1 second and release.
- 2. The remote will beep once and display **START** (2-way remote only).

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 attemPU

Press ① 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:

- 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 technician to determine if the "Takeover mode" can be set for your vehicle.

Arming and disarming of the System

The Alarm 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, the Remote Car Starter is configured to **Passive Mode**.

Passive mode:

To **arm** the alarm, press the button on the transmitter, **OR**

- 1. In **Passive Mode**, the alarm will automatically arm 30sec once the last door is closed.
- The LED on the antenna will flash quickly during the countdown preceding the activation of the system.
- 3. Once the activation countdown expires, the siren will chirp once and the LED will flash slowly to indicate that the alarm is now armed.

To disarm the alarm, press the button on the transmitter.

- The LED on the antenna will flash quickly during the countdown preceding the activation of the system.
- 2. The alarm will automatically rearm itself after 30 sec. if no door is left opened and the ignition is not turned ON.

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Active Mode:

To arm the alarm, press the button on the transmitter.

- 1. The siren will chirp once.
- 2. The LED on the antenna will flash slowly.

To disarm the Alarm, press the button on the transmitter.

- 1. The siren will chirp twice.
- The LED on the antenna will remain OFF.

Intrusion alert via remote

The remote will play a dual-tone siren or vibrate for about 30 seconds when an intrusion from door, hood, trunk, shock or ignition is detected. At the same time, the LCD remote will also display the type of alarm. Refer to the table below.

Alarm Type	LCD Text	Icon	Sound or Vibration
DOOR	ALARM + DOOR OPEN		30 seconds
HOOD	ALARM + HOOD OPEN	+	30 seconds
TRUNK	ALARM + TRUNK OPEN	+ 5	30 seconds
SHOCK	ALARM + SHOCK SENSOR	+	30 seconds
IGNITION	ALARM + KEY ON	Þ	30 seconds

Press the or button to stop the alarm. When is pressed, after an intrusion has occurred, the remote will notify the user of the type of alarm with a siren tone along with a text display. Once Unlock button is pressed, the remote will play 2 alert tones after the unlock beep and will display the recent alarm intrusion occurred.

If the remote remains inactive after the intrusion, the LCD screen displays back the clock plus the alarm cause is shown and plays a short beep every minute in a span of 10 minutes to inform the user.

Remote Starter Features

Remote Door Locks

If your system was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry.

To UNLOCK your doors and DISARM the system:

- 1. Press and hold the button for approx. 1 sec
- 2. The icon will appear on the remote's LCD screen (2-way remote only).
- The siren will chirp twice to confirm that the doors have been unlocked, the Starter Kill feature is disarmed (if it was installed) and that the Alarm is disabled.

To LOCK your doors and ARM the system:

- 1. Press and hold the button for approx. 1 sec.
- 2. The cicon will appear on the remote's LCD screen (2-way remote only).
- 3. The siren will chirp once to confirm that the doors have been locked, the Starter Kill feature is enabled (if it was installed) and that the Alarm is armed.

Remote Trunk Release

If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the button until the remote displays the text "TRUNK" on the screen. In addition, this will also disarm the alarm.

Idle Mode

3.

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.
 - 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 <u>manual transmission</u>, 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 and alarm functionalities are 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 mode: This feature allows you to set Valet mode using the push button switch.

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activation. Using the TRANSMITTER (Remote Valet Mode):		
1.	Press the \Box and \odot buttons simultaneously until the \Box and \Box icon appears on the	
1.		
_	LCD display and the 🗒 / 🗐 .	
2.	The LED on the antenna will stay ON indicating that the vehicle has successfully entered	
Hein	Valet mode. g the PUSH-BUTTON SWITCH (Valet Switch Mode):	
1.	Insert the ignition key into the ignition switch and turn the key to the ON position	
2.	Within 5 seconds, press the push-button switch until the parking lights flash 3 times .	
3.	Release the push-button and turn the ignition to the OFF position.	
4.	The LED on the antenna will stay ON indicating that the vehicle has successfully entered	
	Combo Valet.	
5.	Press or to refresh the screen. The or icon appears to confirm the Valet	
	Mode activation.	
To to	ake the quetem out of Valet Made	
	<u>ske the system out of Valet Mode</u> g the KEY (Ignition Valet Mode):	
1.	Insert the ignition key into the ignition switch. Within 10 sec., turn the key to the	
	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 $lacktriangle$ or $lacktriangle$ to refresh the screen. The $lacktriangle$ and $lacktriangle$ icon will disappear from the	
	screen.	
Usin	g the TRANSMITTER (Remote Valet Mode):	
1.	Press the $lacktriangledown$ and $lacktriangledown$ buttons simultaneously until the $lacktriangledown$ and $lacktriangledown$ 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	
Hein	is now out of Valet mode. g the PUSH-BUTTON SWITCH (Valet Switch Mode):	
1.	Insert the ignition key into the ignition switch and turn the key to the ON position.	
2.	Press the push-button switch until the Parking lights flash twice .	
3.	Release the push-button and turn the ignition to the OFF position.	
4.	The LED on the antenna will switch OFF indicating that the vehicle is now out of Valet Mode .	
5.	Press or to refresh the screen. The or icon appears to confirm the Valet	
	Mode deactivation.	
16		
	meone attempted to remote-start the vehicle while in Valet Mode; the parking lights will turn	
UN,	then OFF , then will flash twice .	

Insert the ignition key into the ignition switch. Within 10 sec., turn the key to the

The LED on the antenna will stay ON indicating that the vehicle has successfully entered

Press or to refresh the screen. The / is displayed to confirm valet mode

IGNITION/RUN and OFF positions until parking lights flash 3 times.

To put the system into Valet Mode Using the KEY (Ignition Valet Mode):

Turn the ignition **OFF**.

Valet mode.

2.

3.

Panic Mode

In an emergency situation, you can activate panic mode by pressing and holding the DR button until the siren starts to sound. The LCD will display the text **PANIC** for 3 seconds. If the vehicle is under a remote start, the engine will shut down automatically before setting off the Siren.

You can stop the Siren by pressing OR

Furthermore, the panic mode can be stopped by activating Valet Mode (page 14)

* Panic Mode will automatically shut down after 30 sec.

Ouick LockoutTM

(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 Horn sounding (**Quick Lockout** is only available when Panic mode has been triggered).

Cold Weather Mode

If the vehicle has a <u>manual transmission</u>, 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 3 minutes (8 or 20 minutes for diesel engines). Cold Weather Mode automatically ends after 24 hours or 12 starts.

To enter Cold Weather Mode:

2-way remote:

- 1. Press and release \boldsymbol{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 ① 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 2 button until the 4 and 5 icon disappears from the display.

b) 1-way remote

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

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To verify whether the system is in cold weather mode:

- The and icon should appear on your remote display. OR
- (Automatic transmissions only) Press the brake pedal: If the vehicle is in Cold Weather mode, the parking lights will remain ON while the brake pedal is pressed.

Extended Run Time

While the vehicle is running remotely, press and hold the button until the remote beeps **3 times**. This will reset the run time counter to zero and restart the run time cycle from the beginning

Note: The extended run time procedure can only be carried out once per remote start.

To stop the vehicle, at any moment, simply press and release the **b** 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).

Intrusion Codes via LED light

The system monitors the following:

- Any vibrations sensed by the shock sensor such as someone breaking of the window, windshield, etc.
- Doors
- Ignition
- Trunk
- Hood

Note: If an intrusion has occurred, the siren will sound for a maximum of 60 seconds.

When an intrusion has occurred, pressing will make the siren chirps four times. The antenna's LED will provide an intrusion code corresponding to the type of the intrusion that occurred. The LED intrusion codes are flashed in continuous loops.

2x = Doors intrusion	5x = Panic
3x = Shock Sense	6x = Ignition
4x = Hood	7x = Trunk

Car Finder™

When enabled, the Car Finder™ option will help you locate your vehicle by sounding a siren or the horn. To initiate,

- 1. Through advance function remote's menu (page-6), select LEVEL 1.
- 2. Within 2 sec., press at to sound the siren once without affecting the door.

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:

- Through the remote's advanced function menu (page-6), select LEVEL 1.
- Within 2 sec., press the button and hold it until the temperature is displayed on the LCD screen.

Temporary Chirp Delete

To temporarily disable the chirp confirmations of the siren upon arming and disarming (e.g. in a quiet neighbourhood):

- Press the button. The remote will beep once.
- Within 2 sec., press the or button to arm or disarm system without any chirp.

Relock

If you unlock the doors with the remote transmitter, but do not open any door, hood, trunk or turn ignition **ON** within 30 seconds, the system will automatically relock and arm.

Note: When the system is in **active arming** mode and the **relock** mode is enabled, the doors will relock but the system will not rearm.

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.

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.

"Home ValetTM" Mode

If configured at installation, this feature will remotely set the vehicle to a no-remote-start mode: if the vehicle is parked indoors there is no danger of it starting accidentally by remote control. If the vehicle has a manual transmission, it should be set into ready mode before activating the Home Valet™.

Note: Once the Home Valet Mode is activated, the vehicle will not start by remote, but the alarm functions will remain active. Home Valet is a temporary Start Valet mode. Once the system is out of Home Valet, the system can be remote started again.

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To take the system into home valet mode:			
1.	Press the or button.		
2.	Within 3 seconds, press the 🖬 and 🗹 buttons simultaneously		
3.	The transmitter will beep once and the + or icons along with HOME VALET text will display.		
To take t	the system out of home valet mode:		
•	Turn the ignition key to the IGNITION ON (RUN) position.		
The system will warn you if someone attempts to start your vehicle while it stands in home valet mode. The parking lights will:			
Turn ON then OFF: then			

Turn ON then OFF; then Flash twice, pause; then

Flash twice again.

Engine Run Time

If you have a gas engine, your remote 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 starter can be programmed to run the engine for 8, 20, or 30 minutes (20 minutes default).

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:

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.

- Remove the ignition key from the ignition switch. The engine will continue running.
- 3. Exit the vehicle and close all doors, hood and trunk.
- Press the button; this will lock the doors, arm the OEM-style alarm (if configured) and confirm that the vehicle is in Turbo Mode.
- The engine will shut down after 60 seconds.

If your vehicle has a <u>manual transmission</u>, 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.
 The alarm and starter kill will be armed.

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.

Siren Chirps

The siren will chirp to confirm the system's basic operations:

- By default, when the doors are being locked, the siren will give 1 chirp if all the doors, the hood and the trunk are closed.
- If one of the doors, the hood or the trunk is open as the doors are being locked, the siren will chirp 3 times.
- When the doors are being unlocked, the siren will give 2 chirps if no intrusion was detected.
- If an intrusion was detected, the siren will **4 times** if is pressed. The system can alternatively be set to: (must be configured by the installer)
- Warning Mode: When arming, warns you with three (3) chirps if a door, the hood or the
 trunk is open. When disarming, warns you with four (4) chirps if the alarm was triggered.
- Open Zone Notification (the system will warn for doors opened up to 10 seconds after arming).
- No Chirp (the vehicle will not chirp under any circumstance).

Arming

Arming of the system can be program by your installer into 4 different options. By default, your system is programmed to "passive arming – 2 stage disarm":

- Active arming: The system will only arm if button is pressed
- Passive arming (2 stage disarm): The system will automatically arm itself 30 seconds
 after all doors, hood and trunk are closed.
 - **Note:** If an alarm is triggered, pressing the button will stop the siren while keeping the doors locked and the system armed.
- Passive arming (1 stage disarm): The system will automatically arm itself 30 seconds after all doors, hood and trunk are closed
 - **Note:** If an alarm is triggered, pressing the button will stop the siren and unlock the doors.
- Active arming with disarm notification: This feature will notify the user when the vehicle is left disarmed after Ignition is turned off, or when the Module is disarmed after being previously armed, the opening or closing of a Door will cause the Horn or the Siren to sound once after 10 sec. to warn the user that the vehicle was left unprotected. Pressing or will cancel this timer.

Shock Sense & Warn Away sense

If somebody hits, jostles or otherwise moves your car, the shock sensor sends a signal to the brain indicating the intensity of the motion. Depending on the severity of the shock, the system can react to a full shock by triggering the alarm or it can also respond to a lighter shock (30 % of the strength of a full shock) by giving a warn-away (without triggering an Alarm condition). However, when the Engine is running after a remote start, the full shock is disabled but will still give a warning sound if warn-away is enabled.

Note: Refer to your installer if you wish to disable the shock sensor permanently.

Siren/Horn Chirp Timing

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

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Priority door:

If configured by your installer, this great feature allows you to unlock solely the driver's door with a single press of the button on the transmitter, and to unlock the other doors, if desired, by pressing the button for a second time.

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 + 3 simultaneously:	STOP
OR		
	Press $f > f > \widehat{\Box}$:	LOCK
	Press f > f >	UNLOCK
	Press f > f > ③:	START
	Press f > f > ③:	STOP
	Press f > f > E :	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 \boldsymbol{f} button twice, three or four times. For convenience purpose, the order of **LEVELS** and **MENU** can be re-arranged through \boldsymbol{f} **BUTTON PROGRAM setting**.

Features:

- Advanced features: AUX 2, Cold Weather mode, Temperature request
- Multicar Operation: Allows the owner to control both vehicle equipped with the same remote starter model.
- Menu: See Menu section for the complete Menu list.

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

f BUTTON PROGRAM setting 1 *default		
FBPRO setting	Features	Levels
1	Advanced features	L01
2	Multicar operation	L02
3	N/A	L03
M	MENU	MENU

f BUT	TTON PROGRAM setting 2	
FBPRO setting	Features	Levels
M	MENU	MENU
1	Advanced features	L01
2	Multicar operation	L02
3	N/A	L03

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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
	Doors locked.
1	Trunk released.
!	 Start signal received from the remote.
	Runtime has expired
2 slow	Shutdown by remote
2 fast	Doors unlocked
2 1451	Valet mode is deactivated
3 slow	Runtime is extended.
3 fast	Valet mode activated.
4 fast	Shutdown by brake
4 1451	 A remote start was attempted while the brake pedal is engaged.
10 fast	Shutdown by hood
TO Tast	 A remote start was attempted while the hood is open.
ON → twice	Cold weather mode deactivated
ON → 3 times	Cold weather mode activated.
Solid ON	Engine is running under remote start.
Flash for 30 sec.	Panic mode is triggered.
Flash for 60 sec.	Alarm is triggered.
ON → twice → twice	A remote start was attempted while the system is in home valet.