



TWO-WAY 6-BUTTON LCD AUTOMATIC/MANUAL TRANSMISSION
REMOTE STARTER SYSTEM WITH FULL ALARM SYSTEM

CT-5472TW

User Guide

WARNING!



It is the responsibility of the vehicle operator to ensure that 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.

The Transmitter's Battery:

Depending on the usage, the transmitter's battery can last between 3 to 6 months. When the battery is low, the transmitter will emit two "beeps" in a repetitive cycle. ***At that point the batteries should be replaced.*** We recommend keeping a spare battery somewhere handy such as inside the glove compartment.

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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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.

Vehicle Presets

Heater & Heated Seat

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

Windshield Wipers, Radio & Headlights

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

Using the Remote Control

Your remote car starter is equipped with a 6-button multi-channel remote control. It can operate two independent vehicles equipped with a remote car starter.

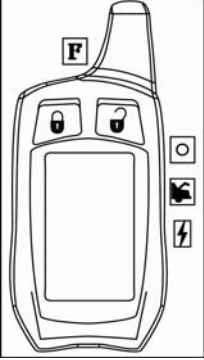






LCD Remote Functions

The transmitter offers several command-confirmation and timer features. This section explains some of the key functions available. The next section gives a summary of the button combinations used to access the functions.





















Note: If you wish to exit a function while still in the process of accessing it, simply stops and wait at least 10 seconds: the transmitter will return to its normal state.

¹ Certain conditions apply. See your authorised Directed Canada dealer.







The functions of the transmitter are as follows:

		LOCK: Locks the doors and arms the system. Arms the Starter Kill (if installed).
		UNLOCK: Unlocks the doors and disarms the system. Disarms the Starter Kill (if installed).
		TRUNK: Opens the TRUNK and disarms the system. Note: Trunk option must be installed.
		START/STOP: Remote starts or stops the engine.
		AUX button: Activates Panic mode.
		FUNCTION button Turns the backlight ON, allows access to the Multi-level functions and to the Menu.

Basic Vehicle Operations

Function	Button pressed	Icon	Sound	Instructions /description
Lock			1 beep	Lock and arm the system
Unlock			2 beeps	Unlock and disarm the system
Trunk or aux 3			1 beep	Trunk output
Start * (see runtime options below)			Melody	Start the engine
Stop		None	Melody	Stop the engine
Back light		On for 5 seconds		Press  once
Cold weather	 + 		1 beep	See Cold Weather Mode section
Remote valet	 + 		1 beep	See Valet mode section
Panic	 ,  or 	None	1 beep	See Panic Mode section



Transmitter Mode Selection

Function	Button pressed	Icon	sound	Instructions /description
Vibration mode	Press and hold  and then press 		Vibrates 4x	
Alarm clock mode on/off	 + 		Melody	<ul style="list-style-type: none"> Press once to have alarm clock on Press twice to have alarm clock off

How to access remote's function menus:

User		Transmitter
1. Press F until the remote beeps once	➔	501 appears on screen.
2. Press F a 2 nd time for 2 second and release	➔	Remote beeps once and 502 appears on screen.
3. Press F a 3 rd time for 2 second and release	➔	Remote beeps once and 503 appears on screen.
4. Press and hold F button a 4 th time until 2 beeps are heard.	➔	You have now accessed the first function of the remote.






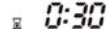

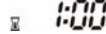

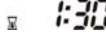

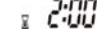


Press the **F** button to toggle between remote's functions:

- Press the  button to **increase** the value or to activate or deactivate a function or to toggle through the melodies.
- Press the  button to **decrease** the value or to activate or deactivate a function or to toggle through the melodies.
- To save modifications, **do not touch any buttons for approx 5 to 10 seconds**. There will be a beep and the display will return to the time.

Function Menu Table:

Function 1: Adjust clock time (hour and minutes)	Function 5: Timer countdown
Function 2: Adjust alarm clock (hour and minutes)	Function 6: Melody selection for timer countdown
Function 3: Melody selection for the alarm	Function 7: Turn ON/OFF timer countdown
Function 4: Turn ON/OFF alarm clock	

Timer Countdown Adjustment

By pressing	Icon	Sound	Instructions / description
F +  1 st time		Melody	10 min parking countdown mode
F +  2 nd time		Melody	20 min parking countdown mode
F +  3 rd time		Melody	30 min parking countdown mode
F +  4 th time		Melody	60 min parking countdown mode
F +  5 th time		Melody	90 min parking countdown mode
F +  6 th time		Melody	120 min parking countdown mode
F +  7 th time		Melody	Parking countdown off mode

Once the Countdown is activated it will continue counting down until reaching 0:00. If the Timer has not reached 0:00 and you are starting the vehicle, you should reset your Countdown Timer to 0:00 before starting your vehicle as to avoid being startled.

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  on the transmitter (SmartStart™ uses only the SmartStart™ icon). The parking lights will flash 3 times quickly 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. The parking lights will flash 3 times quickly and remain lit.
4. Remove the key: the engine will keep on running. 5. Exit the vehicle. All doors should be closed, including the hood and trunk.	
The engine keeps going until you press either: <ul style="list-style-type: none">•  to lock the doors and shut down the engine;•  to unlock the doors and shut down the engine;•  to shut down the engine without affecting the doors. WARNING: Engine runs until the pre-programmed run time expires.	
6. The Parking lights will flash twice and the  icon will appear on screen to indicate Ready mode is set. If the icon doesn't appear, refresh the screen by pressing  .	

Remote-starting

Press the  button for approximately 1 second. The remote will beep once. Approximately 5 seconds later, the remote will play a start melody and the engine will start. The parking lights will remain **ON** during the pre-programmed run time of the engine.

If your vehicle does not start at 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.

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.

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.
2. 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.

1. 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 30sec if no door is left opened and the ignition is not turned ON.

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.
2. The LED on the antenna will remain OFF.

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
3. 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  icon will appear on the remote's LCD screen
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  on the screen. In addition, this will also disarm the alarm.


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 6)**; at the last step, press the  button to lock the doors, arm the system and leave the engine running.

Note 1: The engine will continue running until the user re-enters the vehicle or until the expiration of the run time.

Note 2: If the pre-programmed run-time expires or if the user shuts down the engine remotely, the vehicle will enter Ready Mode automatically (manual transmissions only).

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

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: This feature allows you to set Valet Mode using a push button switch (optional).

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., cycle the ignition key to the **IGNITION/RUN** and **OFF** positions 5 times until the 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. The  icon will appear on the LCD display.

Using the TRANSMITTER (Remote Valet Mode):


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

Using the PUSH-BUTTON SWITCH (Valet Switch Mode):




1. Insert the ignition key into the ignition switch.
2. Turn the key to the **ON** position
3. Within 5 seconds, press the push-button switch until the parking lights flash **3 times**.
4. Release the push-button and turn the ignition to the **OFF** position.
5. The LED on the antenna will stay **ON** indicating that the vehicle has successfully entered Valet mode.
6. The  icon will appear on the LCD display.

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., cycle the ignition key to the **IGNITION/RUN** and **OFF** positions 5 times until the 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. The  icon will disappear from the LCD display.

Using the TRANSMITTER (Remote Valet Mode):




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



Using the PUSH BUTTON SWITCH (Valet Switch Mode):

1. Insert the ignition key into the ignition switch.
2. Turn the key to the **ON** position.
3. Press the push-button switch until the Parking lights flash **twice**.
4. Release the push-button and turn the ignition to the **OFF** position.
5. The LED on the antenna will switch **OFF** indicating that the vehicle is now out of Valet mode.
6. The  icon will disappear on the LCD display.

If someone attempted to remote-start the vehicle while in Valet Mode; the parking lights will turn **ON**, then **OFF**, then will flash **twice**.

Panic Mode

In an emergency situation, you can activate panic mode by pressing and holding the  or  or  button until the siren starts to sound.. If the vehicle is under a remote start, the engine will shutdown automatically before setting off the Siren. You can stop the Siren by pressing:

-  (this will lock your doors and deactivate panic mode), or
-  (this will unlock your doors and deactivate panic mode).

Furthermore, the panic mode can be stopped by activating **Valet Mode (page 8)**

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




Quick Lockout™

(Also called **Secure Panic.**) For fast protection in emergency situations, the system will **LOCK** all doors when you press the brake pedal while you hear the Siren sounding. (**Quick Lockout** is only available when Panic mode has been triggered.)




Cold Weather Mode

If the vehicle has a manual transmission, **Ready mode (page 6)** 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 (or for 8 or 20 minutes with diesel engines). Cold Weather Mode automatically ends after 24 hours (or 12 starts).


To enter Cold Weather Mode:

1. Press the  for 1 second and release. The remote will beep once and **501** will appear on the display.
2. Press and hold the  button until the  icon will appear on the display.


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

- Open the hood.
- Start the engine by remote.
- Turn the ignition key to the **IGNITION ON (RUN)** position.
- Press the  for 1 second and release. The remote will beep once and **501** will appear on the display.
Press and hold the  button until the  icon will disappear on the display.


To verify whether the system is in cold weather mode:


- The  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 plays the start melody. 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  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 1minute.

When an intrusion has occurred, pressing unlock 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 sending a pulsating signal through the siren. The siren will chirp once each time the  and  are pressed simultaneously.

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 3 sec., press the  or  button to arm or disarm system without any chirp.




Missing a Start or a Stop Confirmation

If you have not received a Start or the Stop confirmation after pressing the  button, pressing the  button within range of the remote starter's signal will refresh the display and will confirm if the vehicle was started or stopped.

If no Start Confirmation Was Received:

- Press the  button:
 - The remote's  icon will start flashing
 - The  icon and runtime time countdown will be displayed.

If no Stop Confirmation Was Received:

- Press the  button:
 - The  will be displayed
 - The remote's  icon and the runtime countdown will disappear.

Advanced Features: Installation-programmable Options

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

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

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 Valet™” 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.

To take the system into home valet mode:

- Press the  or  button.
- Within 3 seconds, press the  and  buttons simultaneously
- The transmitter will beep once and the  icon will display.

To take 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:



- i. Turn **ON** then **OFF**; then
- ii. Flash **twice**, pause; then
- iii. Flash **twice** again.


Safe Start

This feature will eliminate accidental remote starts, e.g. when children are playing with the transmitter.

Safe start enabled: If this feature is enabled, the user must press the  button twice within 3 seconds to remote-start the vehicle.

Swap start: If this feature is enabled;

1. Press the  for 1 second and release.
2. The remote will beep once and **SOI** will appear on the display.
3. Press  to remote start the vehicle.

The **AUX 2** output can be activated by pressing the  button.





Engine Run Time

If you have a gas engine, your Remote Car Starter can be programmed to run the engine for 3, 15, or 25 minutes (15 minutes by default). If you have a diesel engine, the Remote Car Starter can be programmed to run the engine for 8, 20, or 30 minutes (20 minutes 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 **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, arm the system alarm 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 6)** 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** (no chirp during lock/unlock – unless one of the doors, the hood or the trunk is open. In this case there will be 3 chirp when  is pressed. – Or unless the alarm was triggered, in which case there will be 4 chirps when  is pressed.
- **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.

Priority door:

This great feature allows the user 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. To control the second vehicle:

- Press + : LOCK
- Press + : UNLOCK
- Press + : START
- Press + : STOP
- Press > + : TRUNK

or

- Press > > + : LOCK
- Press > > + : UNLOCK
- Press > > + : START
- Press > > + : STOP
- Press > > + : TRUNK

Start/Stop While in Safe Start Mode

Function	Button press	Icon	Sound	Description
Start on safe start mode	+ x 2	+	Melody	Press + simultaneously twice within 3 seconds. Press for 1 sec- a beep will be heard- then press 1sec and a melody will be heard again.
Stop on safe start mode	+	None	Melody	

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

Relock

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

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.

Multi-Level Features

Basic Features	Level 1
> :	AUX 2
> :	cold weather
Multi-Car Operation	Level 2
> > :	2 nd car lock
> > :	2 nd car unlock
> > :	2 nd car start/stop
> > :	2 nd car trunk
Customized Features	Level 3
<i>(May not be compatible with some vehicles)</i>	

Your installer can add customized features such as turning on the radio, opening sliding doors, etc.

- F** > **F** > **F** > **G** : customized feature 1
- F** > **F** > **F** > **H** : customized feature 2
- F** > **F** > **F** > **I** : customized feature 3
- F** > **F** > **F** > **J** : customized feature 4

Accessing the Multi-Level Features and Other Transmitter Functions

- To access a Level 1 feature, press and hold the **F** button until you hear a “beep”; within three seconds of hearing the “beep”, release the **F** button. **501** will be displayed. This display means that you are now in Level 1. Simply press the corresponding button to access the desired feature.
- To access a Level 2 feature, press and hold the **F** button until you hear a “beep within three seconds of hearing the “beep”, release the **F** button and press and release the **F** button once more. **502** will be displayed. This display means that you are now in Level 2. Simply press the corresponding button to access the desired feature.
- To access a Level 3 feature, press and hold the **F** button until you hear a “beep”; within three seconds of hearing the “beep”, release the **F** button and press and release the **F** button two more times. **503** will be displayed. This display means that you are now in Level 3. Simply press the corresponding button to access the desired feature.
- To access the transmitter functions (clock and alarm adjustments), press and hold the **F** button until you hear a “beep”; within three seconds of hearing the “beep”, release the **F** button and press and release the **F** button three more times. There will be two quick “beeps” indicating that you are now in the transmitter functions adjustment menu. The Hour position will be flashing. Simply press and release the **F** button until you reach the desired location and proceed with the adjustment by pressing the **J** or **K** buttons.

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

Option 1:		
Level 1 (requires pressing the F button 1X)	→	Multi car operation
Level 2 (requires pressing the F button 2X)	→	Basic features
Level 3 (requires pressing the F button 3X)	→	Customized features
Option 2 (by default):		
Level 1 (requires pressing the F button 1X)	→	Basic features
Level 2 (requires pressing the F button 2X)	→	Multi car operation
Level 3 (requires pressing the F button 3X)	→	Customized features
Option 3:		
Level 1 (requires pressing the F button 1X)	→	Customized features
Level 2 (requires pressing the F button 2X)	→	Multi car operation
Level 3 (requires pressing the F button 3X)	→	Basic features
Option 4:		

- Level 1 (requires pressing the **F** button 1X) → Basic features
- Level 2 (requires pressing the **F** button 2X) → Customized features
- Level 3 (requires pressing the **F** button 3X) → Multi car operation

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

For “basic features”:

- To access the aux. 2 feature, the user needs to press on the **F** button three (3) times followed by the **G** button.
- To access cold weather mode, the user needs to press on the **F** button three (3) times followed by the ⚡ button.

Diagnostics – Parking Light Flash Table

Parking lights flashes	Description
1	<ul style="list-style-type: none"> • Doors locked. • Trunk released. • Start signal received from the remote. • Runtime has expired
2 slow	<ul style="list-style-type: none"> • Shutdown by remote
2 fast	<ul style="list-style-type: none"> • Doors unlocked • Valet mode is deactivated
3 slow	<ul style="list-style-type: none"> • Runtime is extended.
3 fast	<ul style="list-style-type: none"> • Valet mode activated.
4 fast	<ul style="list-style-type: none"> • Shutdown by brake • A remote start was attempted while the brake pedal is engaged.
10 fast	<ul style="list-style-type: none"> • Shutdown by hood • A remote start was attempted while the hood is open.
ON → twice	<ul style="list-style-type: none"> • Cold weather mode deactivated
ON → 3 times	<ul style="list-style-type: none"> • Cold weather mode activated.
Solid ON	<ul style="list-style-type: none"> • Engine is running under remote start.
Flash for 30 sec.	<ul style="list-style-type: none"> • Panic mode is triggered.
Flash for 60 sec.	<ul style="list-style-type: none"> • Alarm is triggered.
ON → twice → twice	<ul style="list-style-type: none"> • A remote start was attempted while the system is in home valet.

Poor Transmitting Range Issues

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.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.
- Windows and windshields tinted with lead or metallic tints will decrease the operating range.

PROSTART LIMITED LIFETIME WARRANTY

REMOTE STARTERS:

As the manufacturer, DIRECTED ELECTRONICS, CANADA INC. ("Directed") warrants to the original consumer purchaser only (**non-transferable**) that the remote starter module (control box) shall be free from defects in materials and workmanship for as long as the original consumer purchaser continuously owns the vehicle in which the remote starter was originally installed, as specified below:

- 1) For the first year after the date of purchase, as specified by the date on the original proof of purchase, Directed will replace the remote starter module free of charge with a new remote starter module. Consumers shall provide a copy of the proof of purchase at the point of purchase for the exchange to take place. The remainder of the coverage period of the original warranty will apply to the new module.
- 2) For the second year after the date of purchase, as specified by date on the original proof of purchase, Directed will replace the remote starter module free of charge with a repaired or refurbished remote starter module. All product returns to Directed for warranty service require a Return Merchandise Authorization (RMA). This RMA must be issued prior to returning product to Directed. Products returned without this RMA number will be refused & returned to you at your expense. Consumers shall send the module (only) and a copy of the proof of purchase, freight prepaid, along with their name, address and telephone number, to the PROSTART SERVICE CENTER for the exchange to take place. **MODULES RETURNED TO THE POINT OF PURCHASE AFTER THE ONE-YEAR REPLACEMENT PERIOD WILL NOT BE ACCEPTED.** A module will be returned to the consumer, freight collect, within 4 weeks of receipt of the module. The remainder of the coverage period of the original warranty will apply to the exchanged module. Directed will not be held responsible for modules sent without a proof of purchase. Directed will not be held responsible for modules lost or damaged while in transit.
- 3) For the third year and any consecutive year after the date of purchase, as specified by the date on the original proof of purchase, Directed will provide to the original consumer purchaser a repaired or refurbished remote starter module, for a repair and shipping/handling charge of \$45.00 plus applicable taxes, a cheque or money order made payable to DIRECTED ELECTRONICS, CANADA INC must accompany the remote starter module. A module will be returned to the consumer, freight prepaid, within 4 weeks of receipt of the module. Directed will not be held responsible for modules sent without a cheque or money order and/or proof of purchase. The consumer should follow the same procedure as in (2), and all conditions apply as in (2).

ACCESSORIES:

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

THE WARRANTY IS VOID IF:

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

THE WARRANTY DOES NOT COVER:

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

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

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

PROSTART SERVICE CENTRE / WARRANTY PROGRAM

2750, Alphonse-Garibéy ave
Lachine, QC, H8T 3M2,
Canada

Phone: 1-800-361-7271 (Return Merchandise Authorization and/ or Warranty- related questions only)