



TWO-WAY 6-BUTTON LCD AUTOMATIC/MANUAL
TRANSMISSION REMOTE STARTER

AS-3472TW-FM

User Guide

WARNING

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



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

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

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

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

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Introduction

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

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

Using the Transmitter

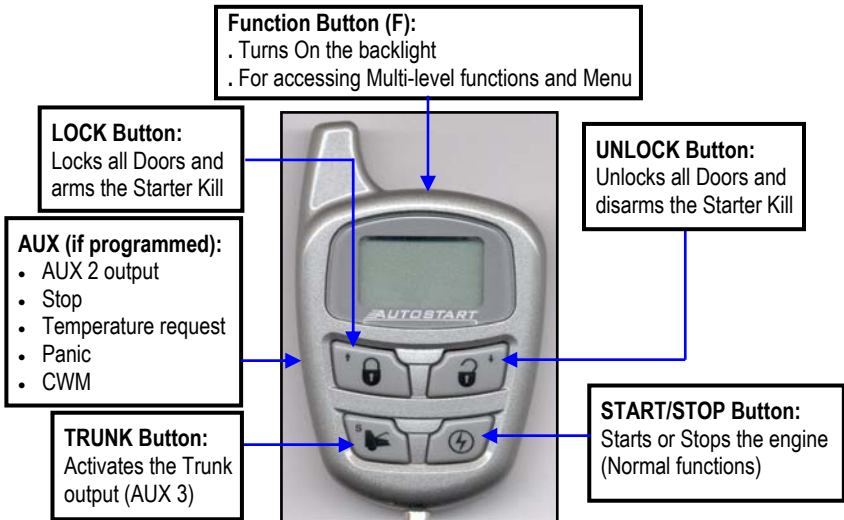
Your remote starter is equipped with a 5-button multi-channel remote control. It can operate two independent vehicles equipped with identical remote starters (see **Multi-car operation** section, later in this Guide, for second-car transmitter functions).

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 stop and wait at least 5 seconds: the transmitter will return to its normal state.

The functions of the transmitter are as follows:



F button Functionality:



(By default)

F button	Press Less than 3 seconds	LCD display	Press more than 3 seconds
1x	Level 1	L - 01	Enables backlight
2x	Level 2	L - 02	Enables backlight
3x	Level 3	L - 03	Enables backlight
4x	Enters programming mode	MENU	Enables backlight








Note: The order of LEVELS and MENU can be re-arranged in the menu option FBPRO.

Backlight:

Press and hold the **F** button (for more than 3 seconds and less than 5 seconds), to turn the Backlight ON for 3 seconds. If the **F** button is pressed down for more than 5 seconds, the backlight will stay ON until the **F** button is released. A quick way to access the backlight is to press the **F** button quickly (for less than 1 second): the backlight will turn ON 3 seconds.

Button 	Backlight
Press for < 1 second	Backlight ON for 3 sec.
Press for > 3 seconds and < 5 seconds	Backlight ON for 3 sec.
Press for > 5 seconds	Backlight will stay ON until button  is released.

Selecting and adjusting Menu options:

- ◆ When in MENU, press  button to enter the menu.
- ◆ Press  button to move up in the menu or  button to move down in the menu.
- ◆ Press  button to select the option you would like to adjust.
- ◆ Press  button to increase the value, activate or deactivate a function or toggle through the selection.
- ◆ Press  button to decrease the value, activate or deactivate a function or toggle through the selection.
- ◆ Press  button to move to the next sub-option or go back to the main menu.

Order	Menu Option	LCD display	Function
1	Parking Menu	PARK	
	Parking hour	P 0:00 <i>0 is flashing</i>	Adjust parking hour(s) (value from 0 to 2)
	Parking minute	P 0:30 <i>30 is flashing</i>	Adjust parking minute(s) (value from 0 to 59)
	Toggle Parking countdown	P -- ON Or P – OFF	Enable or disable parking countdown There is a beep 5 min. before the parking countdown reaches 0.
2	Alarm Clock Menu	ALARM	
	Alarm hour	A 12:00 12 is flashing	Adjust alarm hour(s) (value from 0 to 12)
	Alarm minute	A 12:00 <i>00 is flashing.</i>	Adjust alarm minute(s) (value from 0 to 59)
	Toggle alarm	A -- ON Or A – OFF	Enable or disable alarm
3	CWM Menu	CWM	Cold Weather Mode
	Toggle CWM mode	ON Or OFF	
4	VALET Menu	VALET	
	Toggle valet mode	ON Or OFF	
5	Time Start Menu	TSTAR	
	Time start hour	T 12:00 <i>12 is flashing.</i>	Adjust time start hour(s) (value from 0 to 12)
	Time start minute	T 12:00 <i>00 is flashing</i>	Adjust time start minute(s) (value from 0 to 59)
	Toggle time start	T -- ON Or T – OFF	Enable or disable
6	SECURE Menu	SECUR	Lock the transmitter keypad
	Toggle lock remote	PRESF <i>when remote is locked.</i>	Selecting PRESF will unlock the transmitter keypad
7	Backlight Color Menu	COLOR	
	Backlight	<i>There are 8 different</i>	Blue lights is default

		<i>colors</i>	
8	LCD On Menu	LCD	
	LCD on time	OFF 01 OFF 15 OFF 30 OFF 60 ON	1 min., 15 min., 30 min., 60 min. and ON 1 min. is default.
9	Clock Menu	CLOCK	
	Clock hour	12:00 <i>12 is flashing.</i>	Adjust clock hour(s) (value from 0 to 12)
	Clock minute	12:00 <i>00 is flashing.</i>	Adjust clock minute(s) (value from 0 to 59)
10	Temperature Menu	TEMP	
	Temperature	CTEMP <i>Or</i> FTEMP	Deg Celsius or Fahrenheit Deg. Celsius is default
11	Language Menu	LANGU	
	Language	ENG <i>Or</i> FRAN	English is default
12	Side button Menu	SBPRO	Side Button Programming
		PANIC STOP TEMP AUX 2 CWM	AUX 2 output, Stop, Temperature request, Panic, CWM (Cold weather mode)
13	Keypad Lock Time Menu	KELOC	
	Keypad lock time	05 10 20	When SECURE is ON, Keypad will be locked automatically 5 sec./10 sec./20 sec. after the MENU operation ends.
14	Illumination Menu	ILLUM	
	Toggle Illumination Mode	ON <i>Or</i> OFF	ON – basic operation with backlight illumination; OFF – basic operation without backlight illumination.
15	F Button Function Menu	FBPRO	F Button Programming
	FB programming	1 2 3 M 2 3 1 M 2 1 3 M 3 1 2 M M 1 2 3	



Parking Countdown:

This version of the countdown feature is particularly useful for keeping track of parking meter time: the user may quickly set up the countdown using the **Parking Menu**. The transmitter will beep once, 5 minutes before the Parking countdown reaches 0.




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 6 times every minute until a button is pressed.

CWM menu:

When this feature is enabled, press  for 3 seconds to enter or exit Cold Weather mode. If disabled, press **F** then  button to enter or exit Cold Weather mode.

Valet menu:

When this feature is enabled, press  to enter Valet mode. When this feature is disabled, press  +  buttons simultaneously.




Time start menu:

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 car module.

Secure Remote feature:

This feature is used to lock the keypad of the transmitter to avoid accidental button press. When the remote is locked and a button is pressed, the LCD displays "PRESF" for 1 second, then goes back to the clock.

The transmitter keypad can also be locked as follows:

- Press  to go to Menu.
- Within 3 seconds, press .
- Press  for about 1 second to unlock the transmitter keypad.

LCD ON menu:

If there is no activity within the programmed time, the LCD will turn off. This feature maximizes the lifetime of the battery.

Clock Menu:

The Clock menu is used to set the current time on your remote control.

Side button Menu:


The side button can be programmed as one of the following buttons:

- Panic button;
- Stop button;
- Temperature request button;
- AUX 2 output button;
- or CWM.

F Button Function Menu:

The order of LEVELS and MENU can be re-arranged using the F Button Function Menu.

Button Operation:

Button	LCD	Beep(s)
Lock button	Lock icon + LOCK	1 beep
Unlock button	Unlock icon + ULOCK	2 beeps
Trunk button	TRUNK text for 1s	1 beep
Start button	START text for 1s	1 beep
Engine running	Run time +  icon + Blue backlight for 3s	3 beeps
Engine stop	Red backlight on for 3s	2 beeps
Unlock+Start button	Valet icon if pressed more than 3s	1 beep
Lock+Unlock button		1 beep
Trunk+Lock button (2nd car operation)	Lock icon + LOCK	1 beep
Trunk+Unlock button (2nd car operation)	Unlock icon + ULOCK	2 beeps
Trunk+Start button (2nd car operation)	START text for 1s	1 beep
L --01 → Lock button		1 beep
L --01 → Unlock button		1 beep

Button	LCD	Beep(s)
L --01 → Trunk button	Temperature	
L --01 → Start button (pressed more than 3s)	CWM or MTF text for 1s	1 beep
L --02 → Lock button (2 nd car unlock)	LOCK and Lock icon	1 beep
L --02 → Unlock button (2 nd car unlock)	ULOCK and Unlock icon	2 beeps
L --02 → Trunk button(2 nd car trunk)	TRUNK text for 1s	1 beep
L --02 → Start button(2 nd car start)	START text for 1s	1 beep
L --03 → Lock button (Channel 1)		1 beep
L --03 → Unlock button (Channel 2)		1 beep
L --03 → Trunk button (Channel 3)		1 beep
L --03 → Start button (Channel 4)		1 beep

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.

Arming the Starter Kill

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

➤ Passive mode:

- To **arm** the Starter Kill, press the **LOCK** button on the transmitter, **OR**
- In Passive Mode, the Starter Kill will also automatically arm 1 minute (by default) or 3 minutes (if configured this way) after the ignition is turned **OFF** or once the last door is closed (if the doors are monitored).
 - **The LED on the antenna will flash quickly during the countdown preceding the activation of the Starter Kill.**
 - **Once the activation countdown expires, the LED will send a series of quick double flashes to indicate that the Starter Kill is now armed.**
- To **disarm** the Starter Kill, press the **UNLOCK** button on the transmitter.

- The Starter Kill will automatically rearm itself after 1 minute (by default) or 3 minutes (if configured this way) if no door is left opened (if the doors are monitored) and the ignition is not turned ON.

➤ **Active Mode:**

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

Remote-Starting Your Vehicle

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

Setting Your Vehicle Into Ready Mode

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

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

Once the system is set to Ready Mode, the vehicle can be remote started and stopped at any time. The system will exit Ready Mode if a door, 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 already running, apply the parking brake once and release the brake pedal. Make sure to release the brake pedal.	2. With the engine already running, apply the parking brake twice and release the brake pedal. Make sure to release the brake pedal. The parking lights will flash 3 times quickly and remain lit. Skip to step 4.
3. Within 20 sec. of engaging the parking brake, press and hold LOCK, UNLOCK or START/STOP on the transmitter. The parking lights will flash 3 times quickly and remain lit.	-
4. Remove the key: the engine will continue running.	
5. Exit the vehicle and close all doors, hood and trunk.	
6. Press for approx. 1 second either: <ul style="list-style-type: none"> a. LOCK to lock the doors and shut down the engine; b. UNLOCK to unlock the doors and shut down the engine; 	

c. **START/STOP** to shut down the engine without affecting the doors.

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

Remote-starting

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

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

Driving Off

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

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.

Remote Starter Features

Idle Mode

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

This feature allows the user to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running.

If the vehicle has an automatic transmission, proceed as follows to set the system to Idle Mode:

1. With the engine running, make sure to release the brake pedal and press the **LOCK, UNLOCK** or **START/STOP** button on the transmitter until the parking lights come **ON**.
2. Remove the ignition key from the ignition switch.

The engine will continue running.

3. Exit the vehicle and close all doors, hood and trunk.
4. Press the **LOCK** button to leave the doors locked.
This will also arm the OEM-style alarm and starter kill (if configured).
5. Press the **UNLOCK** button to leave the doors unlocked.

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

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

Please note that the horn will honk once and that the OEM-style alarm will be armed if the Idle Mode option is enabled.

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




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

Valet Mode



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

- **Any of the following features will put your remote car starter into Valet Mode:**
- **Ignition Valet:** This feature allows you to put your system into Valet Mode by using the **ignition key**.
 - **Remote valet:** This feature allows you to put your system into Valet Mode by using the **transmitter**.
 - **Valet switch:** This feature allows you to put your system into Valet Mode by using a **push button switch (optional)**.

To put the system i n t o Valet Mode

- **To put the system i n t o Valet mode using the KEY (Ignition Valet Mode):**
 - a. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions.
The parking lights will flash three times.
 - b. Turn the ignition OFF.
The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.
The  icon will appear on your LCD transmitter if you press LOCK or UNLOCK.
- **To put the system i n t o Valet mode using the TRANSMITTER (Remote Valet Mode):**
 - a. Press the UNLOCK and START/STOP buttons simultaneously for more than 3 seconds.
The remote will beep once and then will beep once again when the  icon appears on the screen.
The parking lights will flash 3 times quickly and the LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.
- **To put the system i n t o Valet mode using the PUSH BUTTON SWITCH (Valet Switch Mode):**
 - a. Insert the ignition key into the ignition switch.
 - b. Turn the key into the ON position.
 - c. Within 5 seconds, press the push button switch until the parking lights flash 3 times.
 - d. Release the push button and turn the ignition to the OFF position.
The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.
The  icon will appear on your LCD transmitter if you press LOCK or UNLOCK.

To put the system o u t o f Valet Mode

- **To put the system o u t o f Valet mode using the KEY (Ignition Valet Mode):**
 - a. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions.
The parking lights will flash twice.
 - b. Turn the ignition OFF.
The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.
The  icon will appear on your LCD transmitter if you press LOCK or UNLOCK.
- **To put the system o u t o f Valet mode using the TRANSMITTER (Remote Valet Mode):**
 - a. Press the UNLOCK and START/STOP buttons simultaneously for more than 3 seconds.
The remote will beep once and then will beep once again when the  icon disappears on the screen.

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

• To put the system out of Valet mode using the PUSH BUTTON SWITCH (Valet Switch Mode):

- Insert the ignition key into the ignition switch.
- Turn the key into the ON position
- Within 5 seconds, press the push button switch until the Parking lights flash **twice**.
- Release the push button and turn the ignition to the OFF position.

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

The  icon will appear on your LCD transmitter if you press LOCK or UNLOCK.

The system will warn you if someone attempts to start your vehicle while it stands in Valet Mode:

The transmitter will **beep twice**.

The START/STOP and LOCK buttons will **flash twice**.

The parking lights will:

- Turn ON then OFF; then
- Flash **twice**.

Panic Mode

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

In an emergency situation, you can activate panic mode by pressing and holding the LOCK or UNLOCK button for more than 3 seconds, until the horn starts honking. If the vehicle is under a remote start, the engine will shutdown automatically before setting off the horn. You can stop the horn 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 one of the following three (3) features:

- Remote valet (pressing UNLOCK and START/STOP for at least 3 seconds)
- Ignition valet (turning the key inside the ignition switch from OFF to ON 6 times in a row)
- By turning the key to the ON position and pressing the valet switch (if included) until the parking lights flash 5 times.

Panic Mode will automatically shut down after 30 sec.

Quick Lockout™

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

Cold Weather Mode


If your vehicle has a **manual transmission**, Ready mode 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:

- Press and release the  button.

You will hear a beep.


L-01 will appear on the display.

- Within 3 seconds, press and hold the  button for at least 3 seconds.

The remote control will beep once, then once again when the  icon appears.



The parking lights flash three times.

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

- Open the hood.
- Start the engine by remote.
- Turn the ignition key to the IGNITION ON (RUN) position.
- Press and release the  button.

You will hear a beep.

L-01 will appear on the display.

- Within 3 seconds, press and hold the  button for at least 3 seconds.
The remote control will beep once, then once again when the  icon disappears.
The parking lights flash once.

To verify whether the system is in Cold Weather Mode (automatic transmissions only):

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

The Starter Kill and the Anti-grind Feature

With this added security feature, the system will prevent your vehicle from starting with the ignition key when the starter kill is armed. If your remote starter was installed with the starter kill option, one will not be able to start your vehicle with the key unless the system has been unlocked and disarmed first, or put into valet mode.

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

Extended Run Time

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

- Press and hold the **START/STOP** button for more than 3 seconds.
The transmitter will beep once.
- Keep pressing on the **START/STOP** button until the transmitter **beeps 3 times**.
- Release the **START/STOP** button. The run time will be reset to the pre-programmed run time.
The parking lights will flash 3 times slowly to confirm the extended run time (the horn will also honk once if the horn option is configured).

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

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

Advanced Features: Installation-programmable Options

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

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

Passive or Active Arming of the Starter Kill

See section “**Arming the Starting Kill**” earlier in this guide.

OEM-Style Alarm



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

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

Remote Door Locks

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

Priority Door Access

If the remote door locks option is installed on your vehicle, this safety feature allows you to unlock solely the driver’s door with a single press of the  button on the transmitter; upon a second press of the  button within 6 seconds, all the other doors will unlock.

Ignition-Controlled Door Locks

This is an added security feature. If your remote starter was installed with the ignition-controlled door locks option, the doors will automatically be locked as soon as the ignition key is turned to the **IGNITION ON (RUN)** position while the brakes are pressed. The remote car starter will also lock any door that was unlocked and opened (then closed) the next time the break pedal is pressed. When the key is turned to the **OFF** position, the doors will automatically be unlocked.

Ignition Relock



On remote starters of this series, when ignition-controlled door locks are enabled and the ignition key is in the **IGNITION ON (RUN)** position, should any door be unlocked and opened, all doors will be relocked the next time the brake pedal is pressed.

Secure Lock

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

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

Remote Trunk Release

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

Safe Start

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

- To remote-start your vehicle if **Swap Start Mode** is selected, press **F** and then **LOCK**.
- The **AUX 2** output can be activated by pressing the **START/STOP** button.





Installer-programmable Valet Mode

“Home Valet™” Mode

If configured at installation, this feature will 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.

Note: Once the home valet mode is activated, the vehicle will not start by remote but the OEM alarm functions will still be enabled.

To take the system i n t o home valet mode:

- Press the  or  button.
- Within 3 seconds, press the  and  buttons simultaneously.

The transmitter will beep once and display .

The parking lights will come ON for 2 seconds.

To take the system o u t o f 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:

- 1- Turn **ON** then **OFF**; then
- 2- Flash twice, pause; then
- 3- Flash twice again.

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 the 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 **LOCK**, **UNLOCK** or **START/STOP** button on the transmitter until the parking lights come **ON**.
- 2) Remove the ignition key from the ignition switch.
The engine will continue running.
- 3) Exit the vehicle and close all doors, hood and trunk.
- 4) **Press the TRUNK button; this will lock the doors, arm the OEM-style alarm (if configured) and confirm that the vehicle is in Turbo Mode.**
- 5) **The engine will shut down after 60 seconds.**

If the vehicle has a manual transmission, follow all steps of the Ready Mode routine (see “Ready Mode Option” in this Guide) to activate Turbo Mode. At the last step, press either:







- 1) **LOCK** to lock the doors and have the engine shut down after 60 seconds;
The parking lights will flash 3 times and remain lit.
The OEM-style alarm and starter kill (if configured) will be armed.
- 2) **UNLOCK** to unlock the doors and have the engine shut down after 60 seconds;
The parking lights will flash 3 times and remain lit.
- 3) **START/STOP** to shut down the engine without affecting the doors.

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

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).




How to Access to Runtime Status (Indication purpose only)

Function	By pressing	Icon	Gasoline	Diesel
			3 minutes	8 minutes
Engine runtime			15 minutes	20 minutes
			25 minutes	30 minutes

Temperature Request (If ACC-Temp-101 installed)

The user can request the temperature in the vehicle if a Temperature Sensor Module (ACC-Temp-100) is installed:

- Press the  button for 1 second and release; you will hear a beep. L-01 will appear on the screen.
- Immediately press the  button and hold it until the temperature is displayed on the LCD screen.

Note: to change the temperature from Celsius to Fahrenheit, press  +  +  simultaneously.

Constant While Pressed

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

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

Horn Chirp Timing

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

Multi-car Operation

This option allows the owner of two vehicles, both equipped with the same remote starter model, to control both systems with a single remote control. To control the second vehicle, simultaneously press the **TRUNK** button and the button of the function you wish to use:

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

Press + simultaneously: LOCK

Press + simultaneously: UNLOCK

Press + simultaneously: START

Press + simultaneously: STOP

Press > > TRUNK

or

Press > > LOCK

Press > > UNLOCK

Press > > START

Press > > STOP

Press > > TRUNK

LCD Transmitter Operation and Confirmations (Second Car Control)




Basic Operations

Function	Button pressed	Icon	Sound
Lock	+		1 beep
Unlock	+		2 beeps
Start	+	+	Melody
Stop	+	None	Melody
Trunk	> >		1 Beep





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 1 sec and a melody will be heard again.
Stop on safe start mode	+	None	Melody	

Missing a Start or a Stop Confirmation



If you have not received a Start or the Stop confirmation after pressing the  button, simply press the  button. Pressing the  button will refresh the display and will confirm if the vehicle was started or stopped.



No Start Confirmation Was Received:


If after remote starting the vehicle no confirmation was received, simply press the  button, this will refresh the display. If the vehicle was started successfully, the  icon will appear as well as the run time countdown. Pressing the  button will also lock all doors (the lock icon will appear). If the doors were already locked prior to pressing the  button, there will be no change in the status of the doors—i.e. the doors will remain locked.

On models where starter kills were installed, pressing the  button will also activate the starter kill.


No Stop Confirmation Was Received:

If after remote stopping the vehicle no confirmation was received—i.e. the display did not return to its basic state—simply press the  button, this will refresh the display. If the engine was stopped, the  icon will disappear and the time will be displayed.

Pressing the  button will also lock all doors (the lock icon will appear). If the doors were already locked prior to pressing the  button, there will be no change in the status of the doors—i.e. the doors will remain locked.



On models where starter kills were installed, pressing the  button will also activate the starter kill.

Multi-Level Features *(default state)*

The multi-level features allow you to access different features of your vehicle or of a second car by pressing the  button once, twice or three times. By default, the multi-level features are programmed as follows:

Basic Features *(press the button 1X)*

 ➤  aux 2

 ➤  cold weather

Multi-Car Operation *(press the button 2X)*

 ➤  ➤  2nd car lock

 ➤  ➤  2nd car unlock

 ➤  ➤  2nd car start/stop

 ➤  ➤  2nd car trunk

Customized Features *(press the button 3X)*

(May not be compatible with some vehicles)

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




 ➤  ➤  ➤  customized feature 1

 ➤  ➤  ➤  customized feature 2

 ➤  ➤  ➤  customized feature 3




 >  >  > : customized feature 4

Accessing the Multi-Level Features and Other Transmitter Functions




- To access a Level 1 feature, press and release the  button and you will hear a “beep”; L-01 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 release the  button and you will hear a “beep”; L-02 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 release the  button and you will hear a “beep”; L-03 will be displayed. This display means that you are now in Level 3. Simply press the corresponding button to access the desired feature.

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




Option 1:

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




Option 2 (on by default):

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





Option 3:

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

Option 4:

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

Example: If the multi-level features were 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  button three (3) times followed by the  button.
- To access cold weather mode, the user needs to press on the  button three (3) times followed by the  button.

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

LIMITED LIFETIME WARRANTY

REMOTE STARTERS AND ALARM SYSTEMS:

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

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

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

ACCESSORIES:

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

THE WARRANTY IS VOID IF:

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

THE WARRANTY DOES NOT COVER:

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

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