TWO-WAY FM LED AUTOMATIC/MANUAL TRANSMISSION REMOTE STARTER

AS-3372TW-FM

User Guide

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WARNING

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

1. **a) Manual transmission:** When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in the **NEUTRAL** position and the parking brake is engaged in order to avoid accidents upon remote starting.
b) Automatic transmission: When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting.
(**Note:** Make sure that the automatic vehicle cannot start in "Drive".)

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

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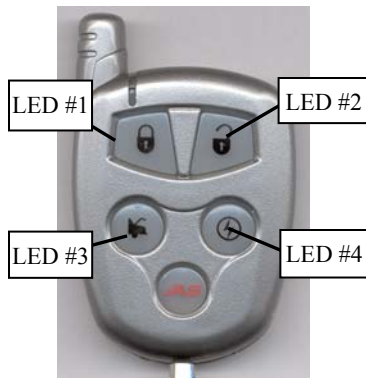
With many advanced functions, this product will satisfy any one your expectations from high-end commodity and security systems, without neglecting any standard feature commonly offered by entry-level starters.

Using the Remote Control

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

The functions of the transmitter are as follows:

LOCK: Locks the Doors and arms the STARTER KILL.

UNLOCK: Unlocks the Doors and disarms the STARTER KILL. Activates the AUX 2 output if Priority Door Access is configured.

TRUNK: Opens the TRUNK or activates the **AUX 3** output.

START/STOP: Remote start/stop. **Cold Weather Mode** by pressing the **SHIFT** button and then pressing and holding the **START/STOP** button for 3 seconds.

AUX. **SHIFT:** This button serves as a second function button. In combination with the other four buttons, this button allows to assign different functions to those buttons.

LED #1   LED #2   LED #3   LED #4

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, the 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: a. **LOCK** to lock the doors and shut down the engine;	

| | b. | **UNLOCK** to unlock the doors and shut down the engine; |
| | c. | **START/STOP** to shut down the engine without affecting the doors. |

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

Remote-starting

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

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

Driving Off

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

- **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.
  The remote will beep once.
  b. Keep pressing the **UNLOCK** and **START/STOP** buttons simultaneously **until the remote beeps once more**.
  c. Release the **UNLOCK** and **START/STOP** buttons.
  Both UNLOCK and START/STOP buttons will flash 3 times.
  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.

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.

- **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.
  The remote will beep once.

b. Keep pressing the **UNLOCK** and **START/STOP** buttons simultaneously **until the remote beeps once more**.
c. Release the **UNLOCK** and **START/STOP** buttons.
Both UNLOCK and START/STOP buttons will flash 3 times.
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 o u t o f Valet mode using the PUSH BUTTON SWITCH (Valet Switch Mode):**
  a. Insert the ignition key into the ignition switch.
  b. Turn the key into the **ON** position
  c. Within 5 seconds, press the push button switch until the Parking lights flash **twice**.
  d. Release the push button and turn the ignition to the **OFF** position.
  The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.

Panic Mode

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

In an emergency situation, you can activate panic mode by pressing and holding the **START/STOP** 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:
a) Remote valet (pressing **UNLOCK** and **START/STOP** for at least 3 seconds)
b) Ignition valet (turning the key inside the ignition switch from **OFF** to **ON** 6 times in a row)
c) 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^{TM}
(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 the 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 **AUX** button.
  The LOCK button on the transmitter will light up.
- While the **LOCK** button is still lit up, press the **START/STOP** button.
  The transmitter will beep once.
- Keep pressing the **START/STOP** button until the transmitter **beeps twice**.
- Release the **START/STOP** button.
  Its LED will flash quickly.
  The parking lights will flash 3 times.

To exit Cold Weather Mode, do any one of the following actions:
- Open the hood.
- Start the engine by remote.
- Turn the ignition key to the **IGNITION ON (RUN)** position.
- Press and release the **AUX** button.
  The LOCK button on the transmitter will light up.
  While the **LOCK** button is still lit up, press the **START/STOP** button.
  The transmitter will beep once.
  Keep pressing the **START/STOP** button until the transmitter **beeps once**
  Release the **START/STOP** button.
  Its LED will flash quickly.
  The parking lights will 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 Car Starter was installed with the Starter Kill option, one will not be able to start your vehicle with the key unless the system has been unlocked and disarmed first, or put into Valet Mode.

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

Extended Run Time

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

- 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 START/STOP button will flash 3 times.
  The parking lights will also 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 **UNLOCK** button on the transmitter; upon a second press of the **UNLOCK** button within 6 seconds, all the other doors will unlock.

Ignition-controlled Door Locks

This is an added security feature. If your Remote Car Starter was installed with the Ignition-Controlled Door Locks option, the doors will automatically be locked as soon as the ignition key is turned to the **IGNITION ON (RUN)** position while the brakes are pressed. 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 Car Starters of this series, when Ignition-controlled Door Locks are enabled and the ignition key is in the **IGNITION ON (RUN)** position, should any 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 **TRUNK** button for 3 seconds. The OEM alarm will be disarmed until the **LOCK** button is pressed.

Safe Start

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

- To remote-start your vehicle if **Swap Start Mode** is selected, press AUX 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 LOCK or UNLOCK button.
- Within 3 seconds, press the START/STOP and LOCK buttons simultaneously.
  The transmitter will beep twice.
- Release the START/STOP and LOCK buttons.
  The START/STOP and LOCK buttons will flash twice and 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 transmitter will **beep twice**.
- The START/STOP and LOCK buttons will **flash twice**.
- The parking lights will:
  > Turn ON then OFF; then
  > Flash **twice**, pause; then
  > 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 <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 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 <u>manual transmission</u>, 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 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).

Constant While Pressed:

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

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

Horn Chirp Timing

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

Multi-car Operation

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

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

To control the second vehicle:

- Press **TRUNK** + **LOCK** buttons simultaneously: .... **LOCK**
- Press **TRUNK** + **UNLOCK** simultaneously: .... **UNLOCK**
- Press **TRUNK** + **START/STOP** simultaneously: ....**START**
- Press **TRUNK** + **START/STOP** simultaneously:.. **STOP**

  or

- Press **AUX** ➢ **AUX** ➢ **LOCK:** .... **LOCK**
- Press **AUX** ➢ **AUX** ➢ **UNLOCK:** .... **UNLOCK**
- Press **AUX** ➢ **AUX** ➢ **START/STOP:** ....**START**
- Press **AUX** ➢ **AUX** ➢ **START/STOP:** .... **STOP**
- Press **AUX** ➢ **AUX** ➢ **TRUNK:** .... **TRUNK**

> **Note:** If the multi-level features have been modified from their default state by your installer, the **AUX** button may have to be pressed once, twice or three times, according to the option you chose.

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 **AUX** button once, twice or three times. By default, the multi-level features are programmed as follows:

Basic features (*press the AUX button 1X*)

AUX	➢	**LOCK**:...aux 2
AUX	➢	**TRUNK:** ....status request

AUX	➤			START/STOP	....cold weather

Multi-car operation (*press the AUX button 2X*)

AUX	➤	AUX	➤	LOCK:	.............................2nd car lock
AUX	➤	AUX	➤	UNLOCK:	.........................2nd car unlock
AUX	➤	AUX	➤	START/STOP:	..................2nd car start/stop
AUX	➤	AUX	➤	TRUNK:	...........................2nd car trunk

Customized features (*press the AUX button 3X*)

(*May not be applicable for certain vehicles*)

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

> Please note that the **MCX-100 channel expander** is required in order to add customized features. The **Option 1 or 3 in Menu 3, Feature 4** must also be selected.

AUX	➤	AUX	➤	AUX	➤.............................. **LOCK**:	customized feature 1
AUX	➤	AUX	➤	AUX	➤.............................. **UNLOCK**:	customized feature 2
AUX	➤	AUX	➤	AUX	➤.............................. **TRUNK**:	customized feature 3
AUX	➤	AUX	➤	AUX	➤.............................. **START/STOP**:	customized feature 4

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

Option 1:

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

Option 2:

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

Option 3:

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

Option 4:

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

> **Example:** If the multi-level features have been modified from their default state 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 **AUX** button **three** (3) times followed by the **LOCK** button.
> · To access the **status request** feature, the user needs to press on the **AUX** button **three** (3) times followed by the **TRUNK** button.
> · To access **cold weather mode**, the user needs to press on the **AUX** button **three** (3) times followed by the **START/STOP** button.

Vehicle Status Request

The status request feature allows the user to see the status of the vehicle —i.e.: if the doors are locked or unlocked or if the vehicle is in cold weather mode, home valet mode, in valet mode or how much time is left in the run time cycle. The following charts (Tables 1, 2 and 3) indicate the confirmation sequences.

To retrieve the vehicle status:

Press and release the **AUX** button then press and release the **TRUNK** button (there will be a beep). The transmitter will then flash the corresponding sequence of LEDs, depending on the vehicle's status.

- **If the engine is NOT running**, refer to Table 1.
- **If the vehicle is in or out of ready mode,** refer to Table 2.
- **If the engine IS running under a remote start**, refer to Table 3.

The status request feature is a two-step procedure:

- The first sequence of flashes denotes if the vehicle's doors are locked or unlocked.
- The second sequence of flashes (if applicable) denotes if the vehicle is in *Cold weather mode*, *Home valet mode*, or *Valet mode*.
- If there is no second-sequence transmission, then the vehicle is in none of the three (3) mentioned features (*Cold weather mode*, *Home valet mode* or *Valet mode*).

Status Request When the Engine IS NOT Running

STATUS	SEQUENCE	LED #1	LED #2	LED #3	LED #4	Beep(s)
Lock		3 flashes	X	X	X	1
Unlock		X	3 flashes	X	X	2
Cold Weather	1st sequence if locked	3 flashes	X	X	X	2
	1st sequence if unlocked	X	3 flashes	X	X	2
	2nd sequence	X	X	X	1 second	X
Home Valet	1st sequence if locked	3 flashes	X	X	X	2
	1st sequence if unlocked	X	3 flashes	X	X	2
	2nd sequence	1 second	X	X	1 second	X
Valet Mode	1st sequence if locked	3 flashes	X	X	X	1
	1st sequence if unlocked	X	3 flashes	X	X	1
	2nd sequence	1 second	X	X	1 second	X

Table 1

Ready Mode Status Request

STATUS	SEQUENCE	LED #1	LED #2	LED #3	LED #4	Beep(s)
In Ready Mode	if locked	3 flashes	X	X	X	1
	if unlocked	X	3 flashes	X	X	2
Out of Ready Mode	1st sequence if locked	3 flashes	X	X	X	1
	1st sequence if unlocked	X	3 flashes	X	X	2
	2nd sequence	X	X	X	4	4

Table 2

Status Request When the Engine is Running

When the vehicle doors are locked:
The LED # 1 will flash 3 times to denote that the vehicle's doors are locked.
When the vehicle doors are unlocked:
The LED # 2 will flash 3 times to denote that the vehicle's doors are unlocked.

RUN TIME	Beep(s)	LED #1	LED #2	LED #3	LED #4
If there is more than 3/4 of run time cycle	3	ON for 1-sec	ON for 1-sec	ON for 1-sec	ON for 1-sec
If there is more than half of run time cycle	3	ON for 1-sec	ON for 1-sec	ON for 1-sec	X
If there is more than 1/4 of run time cycle	3	ON for 1-sec	ON for 1-sec	X	X
If there is less than 1/4 of run time cycle	3	ON for 1-sec	X	X	X

Table 3

Troubleshooting Poor Transmitting Range

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

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

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.

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

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