

OWNER'S GUIDE

MANUAL TRANSMISSION ONLY!

REMOTE STARTERS

CAR ALARMS



**ULTRA
START**

www.ultrastarters.com

Note: Some features may not be available on certain models.

Warning!!

CARBON MONOXIDE MAY CAUSE SERIOUS INJURY, EVEN DEATH!

It is the sole responsibility of the user to place the system in Service Mode when parking in an enclosed area ex: *garage*, partially enclosed area ex: *carport*, or when the vehicle is being serviced.

NEVER INSTALL IN AN AUTO TRANSMISSION VEHICLE!!!

Table Of Contents

Table Of Contents	Page 2
This Guide Covers...	Page 3
About Ultra Start	
Feature List	
Safety	Page 4
Remote Transmitters & Antenna	Page 5
Remote Starter Functions	Page 6
Remote Starting	
Extended Runtime	
Remote Stop	
Idle Mode	
Turbo Timer Mode	
Reservation Mode	Page 7
Optional Features	Page 8-9
Arm/ Lock Doors	Trunk Release
Disarm/ Unlock Doors	Car Finder
Silent Lock and Unlock	Panic
Constant Lock	
Timer Mode	Page 10
Remote Transmitter Learn	Page 11
Service Mode	Page 12
Activating & Deactivating Service Mode	
LCD Display	Page 13-17
Shock Sensor	Page 18
Shock Sensor Programming/Adjusting	
Temporary Shock Sensor Bypass	
Important Security Notes	
Diagnostics	Page 19
Battery Replacement	
Product Warranty	Page 20
FCC Notice	

This Guide Covers The Following Systems:

1271M - 2271M - 3266M - 3271M - 4266M - 4271M.

About Ultra Start

It is our continuing objective to design and manufacture the absolute best Remote Car Starters, Vehicle Security Systems, Keyless Entry Systems and Security Bypass units available in today's competitive market. This objective is met by utilizing installation professionals with decades of industry experience to assist in each step of the design process. This has allowed us to build products that are very installer and user friendly yet offer advanced and innovative features. Our systems utilize intelligent programming and auto learning systems and are designed to work properly in every vehicle. Our systems are also designed wherever possible to be easily enhanced, allowing the consumer and the retailer to enjoy easy and cost effective upgrades and additions to their system down the road. Our limited lifetime warranty provides one of the best protection plans in the industry, giving both the consumer and the retailer confidence when they invest in an Ultra Start product.

Feature List

- Remote Keyless Entry.
- Engine Idle Mode.
- Anti-Grind Protection.
- Panic Mode. (Personal Protection)
- System Override Protection.(Service Mode)
- Park Light Diagnostics.
- Up to 4 Different Transmitter Codes.
- Built in Dual Stage Shock Sensor.**
- Timer Mode (3 Different Start Intervals)
- Ignition Auto Locks.
- Turbo Timer Mode.
- Starter Disable.
- Car Finder.
- Safety Start Mode.*
- Window Roll-up.
- Multi Tone Siren.**

*12xx/22xx MODELS ONLY

**22xx/42xx MODELS ONLY

PLEASE READ THIS MANUAL IN DETAIL.

Safety

VERY IMPORTANT SAFETY NOTES!

The owner/user **MUST INSTALL** a CARBON MONOXIDE DETECTOR in the living area near to where the vehicle is being stored or parked. It is the sole responsibility of the owner/user to keep the remote transmitters away from the reach of children and handle with care so that the system does not unintentionally start. When the vehicle is parked in an enclosed/partially enclosed area (*ex: garage, car port...*), being serviced (*ex: oil change*) or the vehicle is loaned to an operator not familiar with a remote starter, the system MUST BE placed Service Mode (see page 10).

NEVER OPERATE THE SYSTEM IN AN ENCLOSED/PARTIALLY ENCLOSED AREA!

Remote Transmitters and Antenna



OE series (AM)



XR series (AM)



One-Way (FM)

= 1

= 2

= 3

= 4

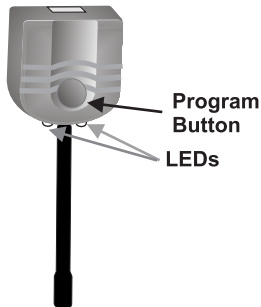
Button
Configuration



2-WAY LED



2-WAY LCD



Program
Button


LEDs

Active RF antenna with built in LEDs and Program Button.

NOTE: Remote transmitter's and antenna may not be exactly as shown.


Remote Starter Functions

Remote Starting (if remote start fails to start see page 19)

1. Press and release the  button.
2. The park lights will flash and the siren* or horn (optional) will chirp once to confirm. The vehicle will then remote start, the siren* or horn (optional) will chirp and the park lights will then flash four times then remain on while the vehicle is running**.


Important! If your vehicle is equipped MANUAL TRANSMISSION see your dealer IMMEDIATELY to have the correct model installed!!!

Extended Run Time

1. While the vehicle is running with the remote starter, press and release the  button.
2. The park lights will flash and the siren* or horn (optional) will chirp one time to confirm. The system will reset the run time**.


NOTE: Not available with 4 minute run time.

Remote Stop


1. While the vehicle is running with the remote starter, press and hold the  button for three seconds. The remote starter will shut down.
2. The park lights will flash and the siren* or horn (optional) will chirp 2 times to confirm shutdown.

NOTE: Pressing the brake pedal or opening the hood will also shut down the remote starter.

Idle Mode

1. While the vehicle is running with key, press and release the  button.
2. The park lights will turn on and the siren* or horn (optional) will chirp twice.
3. Turn the ignition key to the "OFF" position and the vehicle will remain running**.

Turbo Timer Mode

1. While the vehicle is running with key, press the  button.
2. The park lights will turn on and the siren* or horn (optional) will chirp twice.
3. Turn the ignition key off and the vehicle will continue to run for approximately 2 minutes.

*Alarm series ONLY!

**Default 15 minutes.

Reservation Mode



Very Important! Do not set Reservation Mode if the vehicle is occupied.

Manual transmission remote starters must be set into Reservation Mode before the remote starter will activate. The activation type of Reservation Mode is determined when the system is installed.

Auto Reservation Mode (Default)

- Step 1** - While the vehicle is running, place into neutral and apply the park brake.
- Step 2*** - Press and release the brake pedal twice. The park lights will flash twice, the siren or horn (opt.) will chirp twice and the doors will unlock (opt.).
- Step 3** - Turn the ignition key off and the vehicle will continue running.
- Step 4**** - Within 30 seconds, exit the vehicle and close all the doors. The vehicle will then shut off.

Manual Reservation Mode (Optional)

- Step 1** - While the vehicle is running with the key, place transmission into neutral and apply the park brake.
- Step 2** - Press and release the  button. The park lights will flash twice, the siren or horn (opt.) will chirp twice and the doors will unlock (opt.).
- Step 3** - Turn the ignition key off and the vehicle will continue running.
- Step 4** - Exit the vehicle and close all the doors.
- Step 5**** - Press and hold the  button for 3 seconds, the vehicle will then shut off.


* If the park lights **do not** flash and stay on or the siren (horn optional) chirps a third time, repeat **Step 2**.

** If the vehicle has dome light delay, the vehicle may stay running until the dome light turns off. This is normally no longer than 30 seconds.

THE VEHICLE MAY NOW BE SAFELY REMOTE STARTED.

(See page 6 for Remote Starter Functions.)

If Reservation Mode is not set, the remote starter will not activate. When the button is pressed the park lights will flash 4 times. 4 flashes is the diagnostic code for "Not in Reservation Mode"

NOTE: Reservation Mode will reset if the doors of the vehicle are opened. To re-enter the vehicle without canceling the Reservation Mode (ex: forgot something..) The vehicle must first be remote started. While the vehicle is running by the remote starter the door may be opened. When done in the vehicle, close the door and remotely stop the vehicle by pressing and holding the  button.

Remote Transmitter Functions

Arm/ Lock (optional)

1. Press and release the **(i)** button.
2. The park lights will flash and the siren* or horn (optional) will chirp one time.
3. The system will arm and doors will lock (optional).

NOTE: *The LEDs on the antenna will start flashing within five seconds. If installed, the starter disable will activate.*

Disarm/ Lock (optional)

1. Press and release the **(i)** button on the remote transmitter.
2. The park lights will flash and the siren* or horn (optional) will chirp two times.
3. The system will disarm and doors will unlock (optional).

NOTE: *The LEDs on the antenna will stop flashing. If installed, the starter disable will deactivate.*

Silent Arm/Disarm

1. Press and release the **(i)** and **(l)** buttons simultaneously.
 - a) If the doors are in the *locked* position: The park lights will flash two times to confirm the doors have unlocked, *without* siren* chirps or horn honks.
 - b) If the doors are in the *unlocked* position: The park lights will flash one time to confirm the doors have *locked*, *without* siren* chirps or horn honks.

Constant Lock (optional)

1. Press and release, then press and hold the **(i)** button.
2. The doors will lock. The park lights will flash and the siren* or horn (optional) will chirp one time.
3. The lock output from the system will stay active until the **(i)** button is released.

NOTE: This feature can be used on select vehicles to roll up the power windows or to close a power sunroof.

Remote Transmitter Functions

Trunk (default **i** button)

1. Press and hold the **i** button.
2. The doors will unlock (optional), continue holding **i** until the Trunk Release activates. The trunk release will be confirmed by one park light flash and siren*** or horn (optional) chirp.

Trunk (optional **#** button*)

1. Press and hold the **#** button.
2. The doors will unlock (optional), continue holding **#** until the Trunk Release activates. The trunk release will be confirmed by one park light flash and siren*** or horn (optional) chirp.

NOTE: The trunk release output will stay active for 5 seconds as long as the **i** or **#** buttons are pressed. This feature may be used to roll down power windows or to open a power sunroof on select vehicles.

IMPORTANT: The trunk release output will not activate when the ignition key is in the "ON" position.

or

Car Finder (default setting)**

1. Press and hold the **#** button for 3 seconds.
2. The park lights will flash and the siren*** or horn (optional) will honk 5 times.

NOTE: This feature can be used to locate the vehicle in a crowded parking lot.

Panic

1. Press and hold the **i** button.
2. The park lights will flash and the siren*** or horn (optional) will sound.
3. Press and release the **i** or the **#** button to deactivate.

NOTE: Panic will be active for 60 seconds or until deactivated by the remote transmitter.

***1270 and 2270 series ONLY.**
****Not available on the 3265 and 4265 series.**
*****Alarm series ONLY!**



Timer Mode

Timer Mode will start the vehicle at a user selectable start interval. The vehicle can be set to start once every 2, 3 or 4 hours, for a maximum of 12 starts. The vehicle will start at the selected start interval and run for the programmed runtime*.

EXAMPLE: If the 4 hour start cycle was selected, the vehicle will start once every 4 hours and run for the programmed runtime*.

To Enter Timer Mode.

Method 1- Press and release the  button, then press and hold the  button for 6 seconds or until park lights turn on.



Method 2 - Press the  and  buttons at the same time for 3 seconds or until the park lights will turn on.

While the park lights are on the start cycle may be selected.

2 hours	Press and release the  button	2 Park light flashes
3 hours	Press and release the  button	3 Park light flashes
4 hours	Press and release the  button	4 Park light flashes

NOTE: Timer Mode must be set each time the user wishes to use this feature.

To Cancel Timer Mode

Method 1- Press and release the  button, then press and hold the  button for 6 seconds.

Method 2- Press the  and  buttons at the same time for 3 seconds.

NOTE: Pressing the brake pedal or turning the ignition to the ON position will cancel Timer Mode. Cancellation will be confirmed with 2 park light flashes and 2 siren or horn (optional) chirps.

IMPORTANT: Never remote start or set the Timer Mode if the vehicle is parked in a Garage or Attached Carport! (see page 4 SAFETY)

*Default 15 minutes

Remote Transmitter Learn

IMPORTANT! All remote transmitters not programmed at this time will be erased from memory for security.


STEP 1 - Within 3 seconds turn the ignition key to the "ON" position **three** times leaving "ON" the third time.





STEP 2 - **Press and hold the Program Button.** The park lights will turn "ON" and the siren or horn (optional) will chirp once. **Continue to hold the Program Button,** the park lights will turn "OFF" and the siren or horn (optional) will chirp 5 times quickly.



NOTE: If the parking lights do not turn "ON", release the Program Button and turn the ignition to the "OFF" position, wait 5sec and repeat steps 1 & 2.


STEP 3a (Default) - While holding the Program Button, press and release the  button on each of the remote transmitters to be programmed.

STEP 3b (PadLoc/ 2nd Car)* - While holding the Program Button, press and release the  button on each of the remote transmitters to be programmed.

PadLoc* is a safety feature that "LOCKS" the remote transmitter. To "UNLOCK" the remote transmitter the  button must be pressed simultaneously with the function chosen.

or

2nd Car* function allows the operation of two Ultra Start systems (in two separate vehicles) with one remote transmitter.

Example: Press and release  and  simultaneously to remote start.

NOTE: Some features not available with PadLoc* or 2nd car* mode.

System Service Mode (Valet Mode)

System **Service Mode** will disable the remote starter. This will only effect the remote start portion of the system. The optional lock, unlock and trunk release features will still be operational. When the vehicle is to have any under hood or service work done, the system must be placed into **Service Mode**. This feature may also be used if a transmitter is lost, damaged or if the system malfunctions.

ENTERING SERVICE MODE

1. Turn the ignition key to the ON position, **DO NOT START!**
2. Within 4 seconds, press and hold the Program Button (located on the antenna) for 5 seconds or until the siren/ horn (optional) chirps five times.

NOTE: With the ignition key in the OFF position, the LEDs on the antenna will turn on solid to confirm Service Mode. If the * button is pressed while the system is in Service Mode the park lights will flash 3 times slowly.

EXITING SERVICE MODE

1. Turn the ignition key to the ON position, **DO NOT START!**
2. Within 4 seconds, press and hold the Program Button (located on the antenna) for 5 seconds or until the siren/ horn (optional) chirps two times.

NOTE: With the ignition key in the OFF position, the LEDs on the Antenna will turn off and the remote starter functions will be re-enabled.



ATTENTION:

TO AVOID SERIOUS INJURY, this remote start system must be set into Service Mode before any under hood servicing is started. Service Mode will prevent the vehicle from starting while the vehicle is being serviced. It is the sole responsibility of the vehicle's owner to place the system into Service Mode. The manufacture accepts no responsibility for accidental starting of the vehicle while the vehicle is being serviced.

LCD DISPLAY 3265/4265 series

These icon's display the current status of the system. The icons may not all be present on the screen at all times, certain icons will only turn on when a feature is activated.

PROGRAMMABLE ICON'S



STATUS ICON'S

STATUS CHECK MODE

This feature is used to check the status of the system. To check the status press and release **#** button on the remote transmitter. The remote will display the icons of the active features on the LCD screen.



ANTENNA ICON- This icon is always visible. A series of lines next to the icon will appear whenever the remote transmitter is within transmitting range of the vehicle. The lines will disappear when out of transmitting range.



KEY ICON- This icon will be displayed when the remote starter has been activated.



SIREN ICON*- This icon will be displayed when the alarm has been triggered. The icon will stay displayed until the **i** or the **i** button is pressed.



TRUNK ICON- This icon will be displayed when the trunk release is activated. The icon will stay displayed until the **i** or the **#** button is pressed.



BATTERY ICON- This icon is always present to indicate the current battery level of the remote transmitter. The black area of the icon will disappear as the battery level decreases.



TIMER ICON- This icon is displayed when the timer/cold start mode is activated.

LCD DISPLAY 3265/4265 series

RUN TIMER- This icon activates during remote starting. The bar graph will count down in 2 minute increments, indicating how much time is left on the remote starter's runtime.

NOTE: At rest four bars will scan back and fourth.



EXHAUST and WHEEL'S- These icons activate during remote starting. They will stay on during the runtime countdown.



LOCK ICON- This icon indicates the ARMED status of the system.

NOTE: The doors will be locked (optional) and the LEDs on the antenna will be flashing.



UNLOCK ICON - This icon indicates the DISARMED status of the system.

NOTE: The doors will be unlocked (optional) and the LEDs on the antenna will be off.



LCD DISPLAY 3265/4265 series

TRUNK ICON- This icon indicates that the trunk has been opened.



SIREN and LOCK ICONS*- These icons indicate that the alarm has been triggered by the door, hood or ignition inputs.





SIREN and HAMMER ICONS*- These icons indicate that the alarm has been triggered by the shock sensor input.





LCD DISPLAY 3265/4265 series


Setting The Time

Press and hold the  and  buttons until the remote transmitter chimes and the minute portion of the clock begins to flash.

To change from **minutes** to **hours**, press and release the  button.







To **increase** the minutes or hours, press and release the  button.

To **decrease** the minutes or hours, press and release the  button.

Press and release the  button to exit or the remote transmitter will exit if there is no activity for 20 seconds.

NOTE: To set the **AM/ PM** icon, continue changing the hour until the appropriate icon is displayed.

To Enter User Program Mode

1. Press and hold the  button for three seconds. The  icon will begin to flash, the system is now in User Program Mode.
2. Press and release the  button to **scroll** the list of programmable icons. Selected feature icon will begin to flash.
- 3a. Press the  button to turn the feature icon **OFF**.
- 3b. Press the  button to turn the feature icon **ON**.
4. Press the  button to **exit** program mode and **save** settings.

**If the remote is not used for 20 seconds the system will exit Program Mode.*

LCD DISPLAY 3265/4265 series

Programmable Icons-The six squares found at the bottom of the display are user/dealer programmable (see page 16 to enter).



TIMER ICON- When the vehicle starts in Timer Mode, this icon will appear in conjunction with the usual icons that indicate that the vehicle is running by the remote starter.



TELEPHONE ICON- N/A



KEY ICON- This icon is displayed if the ignition key is in the "ON" position or if the system detected a start fault.

NOTE: The start fault must be corrected before the remote starter will activate again (see page 19 for diagnostic codes).



NUMBER ICON- This icon is displayed to indicate First car or Second car remote transmitter operations.



SIREN ICON- If the icon is displayed, the siren will work normally. If the icon is not displayed, the siren delete feature is ON and the siren will not be active if a button is pressed on the remote transmitter.

NOTE: Panic and car finder will still be active.



SHOCK SENSOR ICON*- If this icon is displayed the shock sensor is active. If this icon is not displayed the shock sensor is **OFF**.



SERVICE MODE ICON- This icon indicates the status of the Service Mode feature. If this icon is present, the system is in Service Mode.

NOTE: In Service Mode, keyless entry and optional features will still function.

Shock Sensor-Alarm series ONLY!

Shock Sensor Programming/ Adjustment

To enter shock sensor programming:

Press and hold the **(i)** and the **(j)** buttons for three seconds.
The park lights will flash and the siren will three times.

While the park lights are "ON", strike the vehicle with the amount of force wanted to trigger the alarm.

NOTE: The siren will chirp 3 times each time the system detects impact.

Adjusting the shock sensor:

Press and release **(i)** to increase sensitivity (up to 10 chirps/ flashes).
Press and release **(j)** to decrease sensitivity (down to 1 chirp/ flash).

NOTE: Be careful not to impact the vehicle in a area that may cause damage.
The most common location for testing and setting the shock sensor is the vehicles A-pillar. The A-Pillar is the metal support that runs from the roof of the vehicle to the hood area.

To exit and save shock sensor programming:

Press and hold the **(i)** and the **(j)** buttons, the siren will chirp and the park lights will flash the number of times of the shock sensor impact level chosen.


Example: Level 5 = 5 Chirps/ 5 Park Light flashes

IMPORTANT SECURITY NOTES!

If the system has been triggered (shock sensor, door input..), the siren will sound for approximately 60 seconds. Press and release the **(i)** or the **(j)** button to silence the siren (the system will remain armed).

Press and hold the **(i)** button to disarm the system. The siren and park lights will flash three times to indicate the system had been triggered.

Diagnostics

If the remote starter does not activate when the  button is pressed the park lights will flash a diagnostic code to indicate what shutdown input has been triggered.

PARK LIGHTS

3 Slow Flashes
4 Slow Flashes
5 Slow Flashes
5 Flashes
6 Flashes
7 Flashes

STATUS LED

LED's On Solid
Series of 4 Flashes
Series of 5 Flashes
Series of 5 Flashes
Series of 6 Flashes
Series of 7 Flashes

DIAGNOSTIC CODE

System Is In Service Mode
Not in Reservation Mode (M units)
Ignition On During Start Attempt
Hood Pin Opened
Brake Pedal Shutdown
Tach Lock-Out(see dealer)

Battery Replacement

The transmitter battery should be changed at least once every year to maintain proper operating range. Replace with a quality 23A 12volt Alkaline battery (OE remote). Replace with two quality 3V lithium batteries (XR remote). Replace with a quality 1.5V battery (2-way).

Step #1



Carefully remove the screw from the back of the remote.

Step #2



Remove the top case, then replace the battery.

Step #3



Replace top case and Re-install screw.

Step #4



Test remote for proper operation.



Limited Lifetime Warranty

The manufacturer warrants to the original purchaser of their remote starters and alarms, that the product shall be free from defects in material and workmanship. However, should this product be proven to be defective, within a two year period from the original date of purchase, the manufacturer will, without charge to the purchaser (excluding any charges incurred to have the product delivered to the manufacturer), repair or replace any part of the remote starter and/or alarm which the manufacturer agrees to be defective. After the initial 2 year period the manufacturer shall repair or replace defective products with a nominal processing fee of \$30.00 USD. All warranties apply to the original purchaser and the vehicle in which it was originally installed ONLY. Repairs or replacement of defective modules shall remain at the discretion of the manufacturer. All other parts, components, accessories and/or optional equipment pertaining to the remote starter and alarm are not included in the manufacturer's warranty. **This warranty is non-transferable.** Request for warranty service from any Factory Authorized Dealer **must be accompanied with the original purchase receipt or have product registered by authorized dealer on manufacturer's website.** Failure to comply with any of these conditions may result in warranty being voided. This warranty does not cover the following: removal and reinstall labor charges, shipping charges, abuse, misuse, or accidental damages to the remote starter and alarm, automobile, and/or parts thereof. This warranty is void upon modification, repairs, or alterations of any part of the product. The manufacturer does not guarantee or insure against theft of the vehicle or its contents. Alarm models are designed only to act as a deterrent against possible theft. This alarm may qualify for auto insurance discounts, contact your Insurance Agent for further information. The manufacturer shall not be held liable for any consequential damages due to breach of this or any other warranty, expressed, or implied. This warranty gives you specific legal rights. Your specific legal rights may vary for each region.

CERTAIN DAMAGES EXCLUDED - The manufacturer expressly disclaims any liability or responsibility for incidental damages caused by the product, including economic loss, loss of use of the product, car rentals, or any other costs relating to the care and custody of the product. The manufacturer disclaims liability or responsibility for any consequential damages caused by the product or resulting from its use, including the cost of repairing or replacing other property damaged by the product or caused by its use, whether or not the product is working properly. The product is intended to deter unauthorized use of the vehicles in which it is installed. The manufacturer does not warrant that the product is fool-safe against theft and/or vandalism and/or human error or misuse. The manufacturer accepts no liability or responsibility for any damage of any kind whatsoever caused to any vehicle in which the product is installed or any resulting damage from its use. The manufacturer accepts no responsibility or liability for any damage resulting to or theft of the vehicle or its contents, caused or alleged to be caused, directly or indirectly, by failure of the product.

MANUAL TRANSMISSION STARTERS the installation of a remote starter **MUST** only be done with a specified manual transmission starter. It is the sole responsibility of the vehicles operator to insure that the vehicle is left with the transmission in neutral position when the remote starter is in use. The manual transmission starter is designed to be an added measure of safety **ONLY!** The manufacturer does not guarantee or insure against any damages or loss of life that could result in the event of a remote starter starting while the vehicle is in gear. Manual transmission models are designed only to act as a deterrent against the vehicle starting in gear, this is the vehicle's owner's and operator's responsibility.