

OWNER'S GUIDE

Advanced Remote Vehicle Security Systems

REMOTE STARTERS

CAR ALARMS



**ULTRA
START**

www.ultrastarters.com

FCC/ID Notice

This device complies with Part 15 of the FCC rules. Operation is subject to the following 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.

CAUTION: Changes or modifications not expressly approved by the part responsible for compliance void the user's authority to operate this device.

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This Manual Covers the Following Series:

640 / 606 / 660 / 670

Alarm Functions

Arm System

1. Press and release the **Ⓜ** button on the remote transmitter.
2. The park lights will flash and the siren will chirp one time.
3. The doors will lock (optional).
4. The LEDs on the antenna will start flashing within five seconds.

Disarm System

1. Press and release the **Ⓜ** button on the remote transmitter.
2. The park lights will flash and the siren will chirp two times.*
3. The doors will unlock (optional).
4. The LEDs on the antenna will stop flashing.

* If the system was triggered, the system will respond with two park light flashes and three siren chirps. See Page 9 for Diagnostics.

NOTE: If the system is triggered, example: *opening the door before disarming the system.* The first press and hold of **Ⓜ** disables the siren **ONLY!**
A second press and release of **Ⓜ** disarms the system.

Priority Unlock Feature (optional)

1. Press and release the **Ⓜ** button on the remote transmitter. The park lights will flash, the siren will chirp two times and the drivers door will unlock.
2. Press and release the **Ⓜ** button again and the remaining doors will unlock.

NOTE: The **Ⓜ** must be pressed a second time within 3sec (606/640 series), press and release **Ⓜ** a second after 3sec (660/670 series).

Silent Arm and Disarm

Press and release the **Ⓜ** and **Ⓜ** buttons simultaneously.

If the system was armed this will disarm the system.

*The park lights will flash twice **without siren chirps** as confirmation.*

If the system was disarmed, this will arm the system.

*The park lights will flash one time **without siren chirps** as confirmation.*

Alarm Functions

Panic Mode

Activating Panic Mode

Press and hold the  button for three seconds. The park lights will begin to flash and the siren will activate.

Disabling Panic Mode

Press and release the  or  button to disable Panic.

NOTE: Panic mode will stay activated for sixty seconds.

Trunk Release Ch 3 (optional)

Press and hold the  button. The system will disarm, unlock the doors and continue to hold the  button until the trunk release activates.

This will be confirmed by one park light flash and one siren chirp.

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

Auxiliary Output Ch 4* (optional)

1. Press and hold the  button. (The  button on the 606 series)
2. The park lights will flash and the siren will chirp 1 time.
3. The auxiliary output will stay activated until the button is released.

*Dealer programmable constant, latched or momentary output.

Auxiliary Output Ch 5 (optional)

1. Press and hold the  button. (The  button on the 606 series)
2. The park lights will flash and the siren will chirp 1 time.
3. The auxiliary output will stay activated until the button is released.

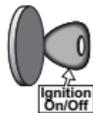
NOTE: Auxiliary Output Ch 5 not available on the 670 series.

Alarm Functions

Car Finder Mode (not available on the 670)

1. Press and hold the  button for three seconds.
2. The park lights will flash and the siren will chirp five times to draw attention to the location of the vehicle.

Ignition Auto Locks (optional)



- 1) The system will **lock** the doors 2 seconds after the ignition key is turned to the “on” position.
- 2) The system will **unlock** the doors when the ignition key is turned to the “off” position.

Passive Arming (optional)

The system will automatically **arm** and lock (optional) the doors 30 seconds after the last door is closed. It may also be programmed to **arm** and lock (optional) the doors if the  button is pressed and a door is not opened.



Starter Disable (optional)

The system will interrupt the vehicles starter when the system is armed and allow the vehicle to start when the system is disarmed.

Dome Light Supervision (optional)

The system will activate the dome light for 30 seconds when the  button is pressed.

NOTE: Dome light will shut off after 30 sec. or until the key is turned “ON”.

False Alarm Circuit

The system is designed to prevent ongoing shock sensor triggers. If the shock sensor is triggered more than 3 times within one hour the system will ignore the sensor until the alarm is disarmed then armed again.

Shock Sensor Programming/ Adjustment

Shock Sensor Programming/ Adjustment

To enter shock sensor programming:

Press and hold **Ⓜ** and **Ⓜ** 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 **Ⓜ** to increase sensitivity (up to 10 chirps/ flashes).
Press and release **Ⓜ** 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 **Ⓜ** and **Ⓜ**, the siren will chirp and the park lights will flashh the number of times of the shock sensor impact level chosen.

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

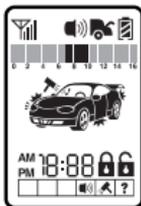
Temporary Shock Sensor Bypass.

Within three seconds press and release the **Ⓜ** button and then press and release the **Ⓜ** button. The system will chirp once when the **Ⓜ** button is pressed and once when the **Ⓜ** button is pressed. The shock sensor will be disabled until the system is disarmed and the rearmed again.

LCD Display (660 & 670)

STATUS ICONS

These icons 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.



STATUS CHECK MODE

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



ANTENNA ICON- This icon will be visible or show a series of lines next to the icon whenever the remote is within transmitting range of the vehicle. The icon will disappear when out of transmitting range.



SIREN ICON- This icon indicates that the alarm has been triggered. The remote will start to beep and the siren icon will come on solid at the same time as the icon for the violated zone.



TRUNK ICON- This icon will be displayed on the LCD screen when the trunk release is activated. The icon will stay displayed until the system is armed or if the status button is pressed.



STATUS BAR- This icon is active at all times. The bar graph will scan back and fourth (every 10 seconds), to check the status of the system. The speed will increase when the alarm is triggered.



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.

NOTE: For best performance change battery when 2 bars down.
(see page 12 Transmitters)

LCD Display (660 & 670)

Setting The Time

To enter:

Press and hold the  and  buttons until the remote transmitter chime 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.

To exit:

Press and release the  button or no activity for 20 seconds.

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

User Program Mode (670 series ONLY)

To enter:

Press and hold the  button for three seconds. The  Icon will begin to flash, the system is now in User Program Mode.

Press the  button to scroll the list of features.

NOTE: The selected feature icon will begin to flash.

Press the  button to turn the feature icon OFF.

Press the  button to turn the feature icon ON.

Press the  button to exit program mode and save settings.

****If the remote is idle for 20 seconds the system will exit Program Mode.***

LCD Display (660 & 670)

Programable Icons-The six squares found at the bottom of the display are user/dealer programmable.



SIREN ICON(Chirp Delete)* - This icon indicates the status of the chirp delete feature. If the icon is on, the siren will work normally. If the icon is not displayed the chirp delete feature is on and the siren will not chirp.

NOTE: *Chirp delete disables the Lock and Unlock chirps Only.*



SHOCK SENSOR ICON* - This icon indicates the status of the shock sensor. If the icon is present on the LCD screen the shock sensor is active.



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 operate.*

NOTE: Dealer Programmable 660 series ONLY.

Setting Vibra Mode (670 ONLY)

To enter: Press and hold the * and # buttons until the remote transmitter chimes and the 📡 icon is displayed.

To exit: Press and hold the * and # buttons until the remote transmitter chimes and the 📡 icon is no longer displayed.

LCD Display (660 & 670)

LOCK ICON- This icon indicates the LOCKED 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 UNLOCKED status of the system.

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



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



SIREN and UNLOCK 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.



Remote Transmitters

Transmitter Programming

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 will chirp once. **Continue to hold the Program Button,** the park lights will turn “OFF” and the siren 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 systems (in two separate vehicles) with one remote transmitter.

Example: Press and release  and  simultaneously to arm.

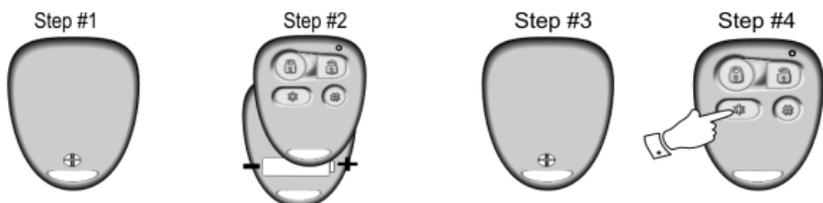
NOTE: Some features not available with PadLoc or 2nd car mode.

Remote Transmitters

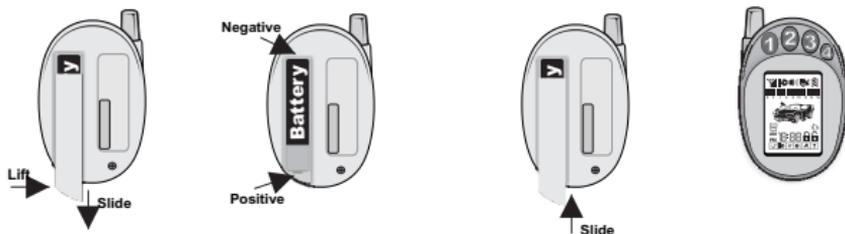
NOTE: *Pause for 2-3 seconds between transmitters* All the transmitters to be used must be programmed at the same time. All transmitters not programmed at this time will be erased from memory for security. The system holds a maximum of 3 transmitter codes.

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.



When the Battery Icon on the remote indicates that the battery is low the battery should be changed promptly. Replace with quality 1.5volt "AAA" battery.



Car Jack Mode

To activate Car Jack Mode:

Type 1 (Door)- With the ignition key in the “On” position, open and close the door. The LEDs will begin to flash rapidly for 30 seconds. After an additional 30 seconds the siren will begin to chirp on/off for 10 seconds, followed by full siren.

Type 2 (Ignition)- With the ignition key in the “On” position, turn the ignition key to the “Off” position. The LEDs on the antenna will immediately begin to flash rapidly for 30 seconds, followed by the siren chirping on/off and then full siren.

Remote Transmitter*- With the ignition key in the “On” position press and release the # button. The LEDs will begin to flash rapidly for 30 seconds. After an additional 30 seconds the siren will begin to chirp on/off for 10 seconds, followed by full siren.

*Default setting, will activate Car Jack mode in Type 1 or Type 2

NOTE: If car jack mode was accidentally activated, within 10 seconds turn the ignition key to the “On” position, then press and release the Program Button.

To deactivate Car Jack Mode

- 1) Turn the ignition key to the “On” position, press and hold the program button for 20 seconds and turn the ignition key back to the “Off” position.
- 2) Enter **Service Mode***.
- 3) Exit **Service Mode***.

*see page 14

Emergency Service Mode - (Valet Mode)

This feature will disable the system except for lock, unlock and trunk functions. This mode is used if a remote is misplaced, damaged or if the system malfunctions. If the system was installed with a starter disable this feature will disable the starter disable relay and allow the vehicle to start.

Activate/ Deactivate Service Mode (Valet Mode)



To Activate Service Mode:

Turn the ignition key to the "On" position then press and hold the Program Button located on the antenna for 5 seconds. The system will chirp the siren **5 times** as confirmation.



To Deactivate Service Mode:

Turn the ignition key to the "On" position then press and hold the Program Button located on the antenna for 5 seconds. The system will chirp the siren **2 times** as confirmation.

NOTE: The LEDs on the antenna will be "ON" solid and the "?" icon on the remote two-way remote transmitter will appear when the system is in Service Mode.

Diagnostics

If the alarm system is triggered while armed, the system will retain in memory the cause of the trigger. The diagnostics can then be used to determine what the cause of the trigger was. When disarming the alarm, the siren/horn will chirp 3 times instead of the usual 2 times to indicate the alarm had been triggered. The system's LED will also flash in pulses to indicate which input triggered the alarm.

Diagnostic Chart

Siren	LED Flashes	Diagnostic
Three Chirps	Two Flashes	Shock Sensor Input Triggered
Three Chirps	Three Flashes	Door/Hood Pin Input Triggered
Three Chirps	Four Flashes	Ignition Input Triggered
None	Off	System Disarmed
None	On Solid	Valet / Service Mode
One Chirp	Single Flashes	System Armed

NOTE: The LED diagnostics will be reset when the Ignition key is turned to the "ON" position.



Additional LED Flashes

While the system is disarmed and the ignition is in the off position, the LEDs will activate from the following triggers:

- 1) If the door is opened the LEDs will stay on until the door is closed.
- 2) If the hood is opened the LEDs will stay on until the hood is closed.
- 3) If the shock sensor detects vibration the LEDs will turn on momentarily.
- 4) If the auxiliary sensor input is activated the LEDs will activate momentarily.

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 2year period the manufacture 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 manu- facturer. All other parts, components, accessories and/or optional equipment pertaining to the remote starter and alarm are not included in the manu- facturer'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 there of. 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 manu- facturer 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 dis- claims 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.