

# OWNER'S GUIDE

## 660 Series Advanced 2-Way Remote Vehicle Security System

REMOTE STARTERS

CAR ALARMS



**ULTRA  
START**

[www.ultrastarters.com](http://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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\*(optional features)

## Alarm Functions

### Arm System



1. Press and release the **LOCK** 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 **UNLOCK** 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 release of **UNLOCK** disables the siren **ONLY!** A second press and release disarms the system.



### Priority Unlock Feature (optional)

1. Press and release the **UNLOCK** 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 **UNLOCK** button again and the remaining doors will unlock.

**NOTE:** The **UNLOCK** must be pressed a second time within 3sec.

### Silent Arm and Disarm



Press and release the **LOCK** and **UNLOCK** buttons simultaneously. If the system was armed this will disarm the system. The park lights will flash twice **without siren chirps** as confirmation.

## Alarm Functions

### Car Finder Mode



Car Finder is a feature that can be used to find your vehicle in a crowded parking lot.

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.
3. The remote will beep and display the systems current status.

### Panic Mode



#### Activating Panic Mode

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

#### Disabling Panic Mode

Press and release the **LOCK** or **UNLOCK** button to disable Panic.

**NOTE:** Panic mode will stay activated for sixty seconds.



#### 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.

#### 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 **UNLOCK** is pressed and a door is not opened.



#### 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.

## Alarm Functions

### Trunk Release Ch 3 (optional)



Press and hold the **UNLOCK** button. The system will disarm, unlock the doors and within six seconds the trunk release will activate. 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.
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:** Dealer programmable constant, latched or momentary output.

### Auxiliary Output Ch 5 (optional)



1. Press and hold the **#** button.
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:** Car Finder Mode no longer available with this option.

**Enter**

### Setting The Time



- 1) Press and hold the **LOCK** and **#** buttons until the minute portion of the clock begins to flash.
  - a) To set the **MINUTES** or **HOURS**, press the **\*** button to increase and the **UNLOCK** button to decrease.
  - b) To change from **MINUTES** to **HOURS** press and release the **LOCK** button.
- 2) Press and release the **#** button to exit.

**Set**



**Note:** To set the **AM/ PM** icon, continue changing the hour until the appropriate icon is displayed. The remote will exit setting the time if there is no activity for 20 seconds.

## LCD DISPLAY

### 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 # 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.



**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.



**RUN TIMER-** 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.

## LCD DISPLAY



**LOCK ICON-** This icon indicates the armed status of the alarm. If the **LOCK** icons is present the alarm is armed.



**UNLOCK ICON -** This icon indicates the disarmed status of the alarm. If the **UNLOCK** icons is present the alarm is disarmed.

**NOTE:** *This icon will flash and the Siren will be solid along with an audible indication to notify that the Door, Hood or "Ignition On" input of the alarm have been triggered.*



**SHOCK SENSOR ICON -** This icon indicates the Shock Sensor has been triggered. This icon will flash and the siren icon will be solid along with and audible indication to notify that the shock sensor on the alarm has been triggered.

**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.*

**\*Dealer Programable**

## Shock Sensor Programming/ Adjustment

**To enter shock sensor programming:**



### Method 1

Press and hold the **LOCK** and **UNLOCK** buttons for three seconds. The park lights will flash and the siren will three times.

### Method 1

### Method 2



Press and release the **LOCK** button five times (once every second). The park lights will flash and the siren will three times.

### Method 2

### Adjusting the shock sensor:

While the park lights are on, strike the vehicle with the amount of force wanted to trigger the alarm. Strike the vehicle with the palm of the hand the same amount of force **three times**, the siren will chirp each time the system detects impact.



**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.

### Exit

### To exit shock sensor programming:

Press and release **LOCK** or **UNLOCK**.

### Temporary Shock Sensor Bypass.



Within three seconds press and release the **LOCK** button and then press and release the **\*** button. The system will chirp once when the **LOCK** 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.



## 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.

## 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)

#### Method 1



#### 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.

#### Method 2

#### To Activate Service Mode:

Press and release the # Button and then press and hold it until the system chirps the siren **5 times** as confirmation.

#### To Deactivate Service Mode:

Press and Release the # button and then press and hold it until the system chirps the siren **2 times** as confirmation.

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

## 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 10

## 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 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.

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