3072/3085/4085

Advanced Remote Starters & Vehicle Security Systems

ULTRA START ™

OWNER'S GUIDE

AUTOMATIC TRANSMISSION MODEL
3072 / 3085: 2 WAY REMOTE STARTER
4085: 2 WAY REMOTE STARTER & ALARM

WARING: NEVER USE AN AUTOMATIC TRANSMISSION STARTER IN A MANUAL TRANSMISSION VEHICLE

www.ultrastarters.com

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

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 devise.

IMPORTANT NOTES

BEFORE YOU START

1) For safety reasons, the owner/user of this system MUST INSTALL a <u>CARBON MONOXIDE DETECTOR</u> in the living area near to where the vehicle is being stored or parked.

2)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.

3) 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, <u>the system MUST BE placed Service Mode</u>.

4) <u>MANUAL TRANSMISSION STARTERS</u> Never install a automatic remote start module into a manual transmission vehicle. Doing so could result in EXTENSIVE DAMAGE TO YOUR VEHICLE, PROPERTY DAMAGE AND POSSIBLY CAUSE SERIOUS INJURIES OR EVEN DEATH!!

5) Manual transmission vehicles must be set into reservation mode before the remote start will activate. If your manual transmission starter starts without setting reservation mode RETURN TO YOUR DEALER AND HAVE IT REPLACED WITH THE CORRECT MANUAL TRANSMISSION MODEL IMMEDIATELY!!!!

6)NEVER REMOTE START THE SYSTEM IN AN ENCLOSED/ PARTIALLY ENCLOSED AREA!

QUICK VIEW (2WAY REMOTE)

BUTTON ICON	BUTTON DURATION	CHIRP/ FLASH	SYSTEM FUNCTION
🔒	1 SECOND	1	ARM ALARM / LOCK DOOR'S
	3 SECONDS	1	ACTIVATE PANIC MODE
	PRESS THEN RELEASE THEN PRESS & HOLD	1	ACTIVATE CONSTANT LOCK OUTPUT

🔓	1 SECOND	2	DISARM ALARM / UNLOCK
	1 SECOND THEN 1 SECOND (**NOT AVAILABLE IN 3072**)	3	DRIVER'S DOOR PRIORITY (OPTIONAL / PROGRAMMABLE)

🗝	3 SECONDS	1	ACTIVATES REMOTE STARTER
	3 SECONDS	2	DEACTIVATE REMOTE STARTER
	1 SECOND (RUNNING BY KEY)	1	ACTIVATES IDLE MODE
	1 SECOND (REMOTE STARTED)	1	EXTENDED RUNTIME MODE

🚗	PRESS AND HOLD FOR 3 SECONDS	2-1	ACTIVATES TRUNK RELEASE
	1 SECOND (RUNNING BY KEY)	2-1	ACTIVATES TURBO MODE

QUICK VIEW (2WAY REMOTE)

BUTTON ICON	BUTTON DURATION	CHIRP/ FLASH	SYSTEM FUNCTION
#	1 SECOND	1-2 1-1	STATUS CHECK
	3 SECONDS	TUNE	ENTER REMOTE PROGRAMMING MODE
🔒 & 🔓	PRESS TOGETHER FOR 1 SECOND	FLASH ONLY	SILENT LOCK/ UNLOCK
🔓 & 🔨	PRESS TOGETHER FOR 3 SECONDS	2-2	AUX-1 OUTPUT (DEFAULT) CAR FINDER (OPTION)
🔒 & #	PRESS TOGETHER FOR 3 SECONDS	TUNE	ENTER CLOCK ADJUST MODE
🔒 & ▶	PRESS TOGETHER FOR 3 SECONDS	LIGHTS ON	ENTER COLD START MODE
🔨 & ▶	PRESS TOGETHER FOR 3 SECONDS**	2-2	AUX-2 OUTPUT (OPTIONAL OUTPUT- MUST BE PROGRAMMED)
🔒 → ▶	LOCK THEN START WITHIN 3 SECONDS*	2	TEMPORARY SHOCK SENSOR BYPASS

**NOT AVAILABLE IN 3072 MODEL   *4085 MODEL ONLY

BUTTON ICON	BUTTON DURATION	CHIRP/ FLASH	SYSTEM FUNCTION
🔒	1 SECOND	1	ARM ALARM / LOCK DOOR'S
	3 SECONDS	1	ACTIVATE PANIC MODE
	PRESS THEN RELEASE THEN PRESS & HOLD	1	ACTIVATE CONSTANT LOCK OUTPUT

🔓	1 SECOND	2	DISARM ALARM / UNLOCK
	1 SECOND THEN 1 SECOND (**NOT AVAILABLE IN 3072**)	3	DRIVER'S DOOR PRIORITY (OPTIONAL / PROGRAMMABLE)

✱	3 SECONDS	1	ACTIVATES REMOTE STARTER
	3 SECONDS	2	DEACTIVATE REMOTE STARTER
	1 SECOND (RUNNING BY KEY)	1	ACTIVATES IDLE MODE
	1 SECOND (REMOTE STARTED)	1	EXTENDED RUNTIME MODE

#	PRESS AND HOLD FOR 3 SECONDS	2-1	ACTIVATES TRUNK RELEASE
	1 SECOND (RUNNING BY KEY)	2-1	ACTIVATES TURBO MODE

QUICK VIEW (1WAY REMOTE)

BUTTON ICON	BUTTON DURATION	CHIRP/ FLASH	SYSTEM FUNCTION
🔒 & 🔓	PRESS TOGETHER FOR 1 SECOND	FLASH ONLY	SILENT LOCK/ UNLOCK
🔓 & #	PRESS TOGETHER FOR 3 SECONDS	2-2	AUX-1 OUTPUT (DEFAULT) CAR FINDER (OPTION)
🔒 & ✱	PRESS TOGETHER FOR 3 SECONDS	LIGHTS ON	ENTER COLD START MODE
✱ & #	PRESS TOGETHER FOR 3 SECONDS** **NOT AVAILABLE IN 3072 MODEL	2-2	AUX-2 OUTPUT (OPTIONAL OUTPUT- MUST BE PROGRAMMED
🔒 → ✱	LOCK THEN START WITHIN 3 SECONDS* *4085 MODEL ONLY	2	TEMPORARY SHOCK SENSOR BYPASS

LOCK/ ARM ALARM

Press and release the Lock Button to lock the vehicle's doors (if door locks are connected). The park lights will flash once and the siren/horn will honk/chirp once. The LED's on the antenna will begin to flash (Programmable).
4085 ONLY - The system will arm then monitor the vehicle's doors, hood and shock sensor. If any zone is violated the alarm will activate. The 2way remote will display the large Lock icon when locked. *(Some options will require additional parts and/or labour).*

UNLOCK/ DISARM ALARM

Press and release the Unlock Button to unlock the vehicle's doors (if door locks are connected). The park lights will flash twice and the siren/horn will honk/chirp twice. The LED's on the antenna will stop flashing. If an alarm model was installed the system will disarm. If the alarm was triggered pressing Unlock once will turn off the siren, pressing Unlock a second time will unlock and disarm the alarm. The 2way remote will display the large Unlock icon when unlocked. *(Some options will require additional parts and/or labour).*

DRIVER'S PRIORITY UNLOCK (NOT AVAILABLE IN 3072 MODEL)

When this option is installed and programmed, pressing the Unlock Button once will unlock the driver's door. Pressing the Unlock Button a second time will unlock the rest of the vehicle's doors. The 2way remote will display the large Unlock icon when this feature is activated. *(Some options will require additional parts and/or labour).*

TRUNK RELEASE

Press and hold the Trunk Button for 3 to 5 seconds to activate the trunk release. When activated the park lights will flash twice and the siren/horn will honk/chirp twice, the doors will unlock and the trunk will open. The 2way remote will display the large Unlock icon and the Trunk icon when activated. *(Some options will require additional parts and/or labour).*

SILENT LOCK/UNLOCK

If you wish to Lock/ Arm or Unlock/ Disarm your vehicle without siren chirps or horn honks on specific occasions, you can do so by pressing the Lock and Unlock Buttons at the same time for

REMOTE START

Press and hold the Start Button for 3 seconds to activate the remote start. The park lights will flash once and the siren/horn will honk/chirp once, then the vehicle will start. Once the vehicle is started the siren/horn will honk/chirp once and park lights will stay on solid. The vehicle will run for the set runtime then shut down.(Default 15 minutes). The 2way remote will display the START icon as well as the remaining runtime.

KEY TAKEOVER (TO ENTER THEN DRIVE THE VEHICLE)

Enter the vehicle then insert the ignition key into the key cylinder. Turn the key to the ON position. (Do not turn the key to Start). Pressing on the brake at this point will turn the remote starter off. Being that the key is in the ignition and in the ON position the vehicle will stay on. If the key was not turned to the ON position the vehicle will shut off when the brake is pressed. If you do this by mistake simply restart the vehicle with the key.

EXTENDED RUNTIME

If you would like to extend the remote start runtime you can do so by pressing the Start Button for no more 2 seconds while the system is running by the remote starter. The park lights will flash and the siren/horn will honk/chirp to confirm that the runtime has been rest to the set runtime. (Default 15 minutes). If the vehicle had been running for 10 minutes, the new total run time will be 25 minutes.

REMOTE STARTER SHUTDOWN (BY REMOTE)

To shut the remote starter off from form the remote transmitter, press and hold the Start Button for 3-5 seconds. The park lights will flash and the siren/horn will honk/chirp twice to confirm the vehicle has shut off.

IDLE MODE

With the vehicle running by key, press and release the Start Button. The doors will unlock, the park lights will turn on and the siren/horn will honk/chirp once. You can now remove the key from the ignition and the vehicle will remain running for the set runtime then shut off. The 2way remote will display the IDLE icon as well as the remaining runtime.

TURBO TIMER MODE

Some turbo vehicles require a cool down before shutting off the vehicle. While the vehicle is running by key, press and release the Trunk Button. The doors will unlock, the park lights will turn on and the siren/horn will honk/chirp once. You can now remove the key from the ignition and exit the vehicle. The vehicle will remain running for 2 minutes then shut off. The 2way remote will display TURBO when the feature is active.

AUXILIARY 1 OUTPUT

The auxiliary outputs can be used to control options such as power windows, sun roofs, power lift gates, etc. Press and hold the Unlock and Trunk Buttons for 3 to 5 seconds to activate the auxiliary output. When activated the park lights will flash twice, the siren/horn will honk/chirp twice, the doors will unlock then the auxiliary will activate. The 2-way remote will display A1 when activated.*(Some options will require additional parts and/or labour).*

AUXILIARY 2 OUTPUT (NOT AVAILABLE IN 3072 MODEL)

The auxiliary outputs can be used to control options such as power windows, sun roofs, power lift gates, etc. Press and hold the Trunk and Start Buttons for 3 to 5 seconds to activate the auxiliary output. When activated the park lights will flash twice, the siren/horn will honk/chirp twice, the doors will unlock then the auxiliary will activate. The 2-way remote will display A2 when activated.*(Some options will require additional parts and/or labour).*

PANIC MODE

Panic Mode is a personal protection feature that will draw attention to your vehicle. To activate the Panic Mode feature, press and hold the Lock Button for 3-5 seconds. Panic Mode will flash the park lights and activate the siren. The lights and siren will stay active for 60 seconds then turn off. To disable panic mode press and release Lock or Unlock on the remote. The 2-way remote will beep and flash from blue to red when in Panic Mode.

CAR FINDER

Car finder mode can be used to locate your vehicle in a crowded parking lot. Press and hold the Unlock and Trunk Buttons together for 3 seconds. The park lights five times and the siren/horn will honk/chirp five times. *(Programmable Option)*

VIBRATION MODE (2WAY REMOTE)

The 2way remote transmitter can be programmed not to beep and to vibrate only when a command is completed. To place the system into Vibration Mode press and hold the START and # Buttons for 3 seconds. The remote will vibrate to confirm Vibration Mode. To exit Vibration Mode press and hold the Trunk and # Buttons for 3 seconds. The remote will beep to confirm that audible confirmation is turned back on.

RUN TIME ADJUST (2WAY REMOTE)

The default runtime of the system can be adjusted VIA the 2way transmitter. To change the runtime, press and hold the # Button. When the remote plays the Programming tune, press and release the START Button. Press and release Unlock or START button to change between 4, 15 and 45 minute runtime. Press and release # to exit.

TEMPORARY SHOCK BYPASS (4085 MODEL ONLY)

If the vehicle is being parked in a area with a lot of vibration i.e. the airport or a construction site, the shock sensor can be temporarily turn off to prevent false alarms. When Locking/Arming the alarm press and release the Start Button within 3 seconds of pressing Lock/Arm Button.

SERVICE/VALET MODE

This feature will disable the remote start and security features of the system. When in Service/ Valet Mode the Lock, Unlock, and Trunk features will still work. The system MUST be put into Service/ Valet Mode whenever any work is to be done on the vehicle, or if parked in any enclosed/ partially enclosed area. This procedure can also be used to disarm the alarm if the remote is lost or damaged.

ENTERING SERVICE MODE

1- Turn the key to the "ON" position.
2- Press and hold the Programming Button located on the antenna (mounted on windshield) for 8 seconds* or until the horn/siren honks/chirps 5 times.

*If programmed for Secure Valet hold Program Button for 15 seconds rather than 8 seconds.

The system is now in Service/ Valet Mode.

To confirm this, the LED on the antenna will turn on solid, if a start is attempted you will get a VALET (3 Flashes) diagnostic code from the park lights on the vehicle..

EXITING SERVICE MODE

1- Turn the key to the "ON" position.
2- Press and hold the Programming Button on the remote starter antenna (mounted on windshield) for 8 seconds* or until the horn/siren honks/chrirps 2 times.

*If programmed for Secure Valet hold Program Button for 15 seconds rather than 8 seconds.

Service/Valet Mode is now off.

To confirm this, the LED on the antenna will turn off or flash if the system is in the locked position. The vehicle can now be remote started and the alarm functions will be active when Locked/ Armed.

COLD START MODE

Cold Start Mode will start the vehicle at a user selectable start cycle or temperature. If the 4 hour start cycle was selected, the vehicle will start the vehicle when the temperature reaches -13F/ -25C. The selected cycle will be active for 24hrs. (Default 15 minutes runtime)

To activate Cold Start Mode press and hold the **LOCK and START** Buttons for 3 seconds or until the park lights turn on. While the park lights are on the start cycle may be selected.

Press the Lock Button. The park lights will flash ONCE as confirmation.
The vehicle will start at **32F or 0C.**

Press the Unlock Button. The park lights will flash TWICE as confirmation.
The vehicle will start at **23F or -5C.**

Press the Start Button. The park lights will flash THREE TIMES as confirmation.
The vehicle will start at **5F or -15C.**

Press the Trunk Button. The park lights will flash FOUR TIMES as confirmation.
The vehicle will start at **13F or -25C.**

CANCEL COLD START MODE
Press and Hold **LOCK and START** for 3 seconds or until the park lights flash twice.

Note- Timer Mode will automatically turn off after 24 hrs. Pressing the brake pedal or turning the ignition to the ON position will also cancel Cold Start Mode.

COLD START CHECK TIME
The default setting is to wait 1 hour before checking the temperature. The setting can be changed to 2, 3 or 4 hour check time by using the following steps.

Press and hold the # button on the 2way remote until the PROGRAM icon appears.
Press and release the Start button to select the Check Time Menu.
Use the Unlock or Trunk button to cycle through the setting then press # to exit.

**NEVER SET THE COLD START FEATURE IF THE VEHICLE IS PARKED IN A GARAGE OR ENCLOSED AREA. PLEASE SEE SAFETY NOTES ON PAGE 3 OF THIS

TRANSMITTER LEARNING

The system can lean up to 4 different remote transmitter codes. Each remote to be used MUST be programmed together during the same sequence. For security, when a new remote is programmed all previous remote's that are not reprogrammed at this time will be deleted.

1- Cycle the ignition key ON-OFF-ON-ON.
2- Press and hold the Button on the antenna, the park lights will turn on and the siren/horn (optional) will chirp/honk once. (Continue Holding antenna Button).
3- After 5 seconds the park lights will turn off and the siren/horn will chirp/honk 5 times to indicate you have entered Transmitter Learning Mode.
4- Press the Lock Button on each of the transmitters to be programmed.. The park lights will flash and siren/horn will chirp/honk once to indicate successfully learning of each transmitter.
5- Turn the ignition key OFF to exit remote Program mode.

DUAL CAR OPERATION (CAR-1 / CAR-2)
2 WAY REMOTE ONLY

The 2way remote transmitter can be programmed to a second vehicle to control the alarm and remote starter feature. By default the remote is set to CAR-1, this is indicated by number 1 on the LCD screen. In CAR-1 the LCD back light is GREEN, in CAR-2 mode the back light is RED.

The second vehicle must also have the same model 2way starter installed. To Program the remote in second car mode,
1- Press and hold the # Button until the Program icon appears.
2- Press and release the Lock Button until the number 1 icon turns on.
3- Press the Start Button to change from 1 to 2.
4- Press # to exit.

Now that the remote is set for CAR-2 "2". You can Program it along with the other remote's to the second vehicle. The remote now control the second vehicle functions. To go back to CAR-1 operation follow the steps above. Press the Unlock Button instead of Start to change back to CAR-1 "1".

LCD FUNCTIONS

Clock Adjustment
The clock must be set when the remote battery is removed or replaced. Follow the steps below to set or adjust the clock.

	Enter Clock Adjustment Mode, 1- Press and Hold the Lock and # Buttons for 3-5 seconds. 2- The remote will play the Program tune. 3- The PROGRAM icon will turn on and the minute portion of the clock will start to flash.
	Setting the Minutes 1- Press and release the Unlock Button to decrease the Minutes. 2- Press and release the Start Button to increase the Minutes. 3- To Select the Hour press and release the Lock Button. 3- To exit press and release the # Button.
	Setting the Hour 1- Press and release the Unlock Button to decrease the Hour. 2- Press and release the Start Button to increase the Hour. 3- To Select the Minutes press and release the Lock Button. 3- To exit press and release the # Button.
	Exit Clock Adjustment Mode 1- Press and release the # Button. 2- The remote will exit Clock Adjustment Mode. 3- The PROGRAM icon will turn off. *If no Buttons are pressed for 15 seconds the remote will automatically exit Clock Adjustment Mode.

LCD 2way Remote Transmitter.

The 2way remote transmitter will give you audible and visual feedback of the preformed function, Locked, Unlocked, Trunk, Remote Start etc. The system will also send the remote a page if the alarm is triggered.

Signal- Icon is on when in range of the receiver.

Vibration Mode- Icon is on when remote is set to vibrate.

Timer Mode- Icon is on when the timer mode feature is set on.

Low Temp Mode- Icon is on when the low temp mode feature is set on.

Battery Status- Indicates the battery level.

Clock (AM/ PM)- Indicates the AM or PM.

Time Status- Displays the time, remote start runtime and temperature.

Temperature Scale Display- C or F

Shock Sensor- Indicates that the shock sensor has triggered the alarm.

Pager Mode Off- This icon is displayed when the pager mode is turned off.

Reservation Mode- N/A

24H- This icon is on if the Timer Start mode has been set on.

Pager- When on this indicates that the remote pager mode is on.

LCD FUNCTIONS

VALET **Valet Mode-** When this icon is on the system is in Valet Mode.

TURBO **Timer Mode**- This icon will turn on when the system is in Turbo Mode.

IDLE **Idle Mode**- This icon will turn on when the system is in Idle Mode.

🔒 **Lock Icon-** Indicates that the doors are lock/ alarm is armed.

🔓 **Unlock Icon-** Indicates that the doors are unlocked/ alarm is disarmed.

1 2 **1 2-** Indicates if the remote is in car 1 or car 2 operation.

📢 **Small Siren Icon-** This icon indicates if the siren/ horn is set on or off.

🔨 **Small Hammer Icon-** This icon indicates if the shock sensor is set on or off.

C F **C F-** These icons are used to set the temperature to Celsius or Fahrenheit.

ARM **ARM-** This icon turns on when the doors are locked/ alarm is armed.

📢 **Alarm-** This will turn on and flash when the alarm is triggered.
ALARM

🚗 **Start-** This Icon turns on when the vehicle is remote started.
START

🚗 **Hood-** Displayed if the hood is open when remote starting or triggering the alarm.
HOOD

🚗 **Trunk-** This icon will turn on when the trunk is opened by the remote.
TRUNK

PROGRAM **Program-** This icon is on when the remote is in Program mode.

ON OFF **ON OFF-** These icons are displayed when changing a setting in Program mode.

REMOTE PROGRAMMABLE FEATURES

This feature allows the user to Program certain system features using the remote transmitter.

Enter Program Mode,
1- Press and Hold the # Button for 3-5 seconds.
2- The remote will play the Program tune.
3- The PROGRAM icon will turn on and start to flash.
4- Press and release the Lock Button to cycle through the settings.

24H- Turn Timer Start ON or OFF.
1- Press and release the Lock Button to select the 24H icon.
2- Press and release the Unlock Button to turn Timer Start ON.
3- Press and release the Start Button to turn Timer Start OFF.
4- Press and release the # Button to exit or Lock to continue to the next programmable setting.

PAGER- Turn Pager Mode ON or OFF.
1- Press and release the Lock Button to select the PAGER icon.
2- Press and release the Unlock Button to turn the Pager ON.
3- Press and release the Start Button to turn the Pager OFF.
4- Press and release the # Button to exit or Lock to continue to the next programmable setting.

VALET- Turn Valet Mode ON or OFF.
1- Press and release the Lock Button to select the VALET icon.
2- Press and release the Unlock Button to turn the Valet ON.
3- Press and release the Start Button to turn the Valet OFF.
4- Press and release the # Button to exit or Lock to continue to the next programmable setting.

▼iil 1:15 PM	**1- Select Car 1 or Car 2 Operation.** 1- Press and release the Lock Button to select the 1 icon. 2- Press and release the Unlock Button for CAR-1 (Default). 3- Press and release the Start Button for CAR-2. 4- Press and release the # Button to exit or Lock to continue to the next programmable setting.
▼iil 12:15 PM PROGRAM	**SIREN- Turn the Siren ON or OFF.** 1- Press and release the Lock Button to select the SIREN icon. 2- Press and release the Unlock Button to turn the Siren ON. 3- Press and release the Start Button to turn the Siren OFF. 4- Press and release the # Button to exit or Lock to continue to the next programmable setting.
▼iil 1:15 PM PROGRAM	**SIREN- Turn the Shock Sensor ON or OFF.** 1- Press and release the Lock Button to select the SIREN icon. 2- Press and release the Unlock Button to turn the Siren ON. 3- Press and release the Start Button to turn the Siren OFF. 4- Press and release the # Button to exit or Lock to continue to the next programmable setting.
▼iil 1:15 PM PROGRAM	**C- Temperature Scale** 1- Press and release the Lock Button to select the C icon. 2- Press and release the Unlock Button to set for Celsius. 3- Press and release the Start Button to set for Fahrenheit. 4- Press and release the # Button to exit or Lock to go back to the first programmable setting.

ALARM PAGER

If the alarm is triggered the remote will begin to beep on and off (Vibrate in Vibration Mode) and the LCD screen with display the alarm trigger. The PAGER icon must be on for the remote to receive and display alarm triggers.

DOOR OPENED
1- The alarm will activate (Siren On and Park Lights Flashing).
2- The Lock icon with toggle from Lock to Unlock
3- The ALARM icon will start flashing.
4- The remote will beep on and off. (Vibrate in Vibration Mode).
5- The back light will switch colors from blue to red.
6- The remote will page and flash for 1 minute then stop.

SHOCK SENSOR TRIGGERED
1- The alarm will activate (Siren On and Park Lights Flashing).
2- The Shock Sensor (Hammer Striking) icon will turn on.
3- The ALARM icon will start flashing.
4- The remote will beep on and off. (Vibrate in Vibration Mode).
5- The back light will switch colors from blue to red.
6- The remote will page and flash for 1 minute then stop.

HOOD OPENED
1- The alarm will activate (Siren On and Park Lights Flashing).
2- The HOOD icon will turn on.
3- The ALARM icon will start flashing.
4- The remote will beep on and off. (Vibrate in Vibration Mode).
5- The back light will switch colors from blue to red.
6- The remote will page and flash for 1 minute then stop.

PANIC MODE
1- The alarm will activate (Siren On and Park Lights Flashing).
2- The ALARM icon will start flashing.
3- The remote will beep on and off. (Vibrate in Vibration Mode).
4- The back light will switch colors from blue to red.
5- The remote will page and flash for 1 minute then stop.

LCD FUNCTIONS

TIMER START MODE
The system can be programmed to remote start at a preset time of the day. For safety reasons this feature must be set each time the vehicle is parked. The system must also be Locked/Armed for the Timer Start Mode to activate.

STEP-1 - Set the time to start.
1- Press and hold the Trunk and # button on the 2way remote. The Timer icon will turn on and Clock Minutes will start to flash
2- Press the Unlock or Start button to adust the minutes.
3- Press Lock to change from Minutes to Hour. Use Unlock or Start to adjust the Hour.

STEP-2 Turn on the 24H Icon.
1-Hold the # button on the 2way remote until the PROGRAM icon turns on.
2- Press and release the Lock button and the 24H icon will start to flash.
3. Press the Unlock button to turn the Timer Start ON. (24H ICON ON) or Press and release the Start button to turn Timer Start OFF (24H ICON OFF).

When the start time is reached the remote will warn you that the vehicle is going to start by beeping the remote 5 times before activating the remote starter. The remote will then beep again for an additional 10 seconds.

**NEVER SET THE TIMER START FEATURE IF THE VEHICLE IS PARKED IN A GARAGE OR ENCLOSED AREA. PLEASE SEE SAFETY NOTES ON PAGE 3 OF THIS

BATTERY REPLACEMENT
If you notice decreased range while using your remote transmitter, it is possible that your transmitter battery needs to be replaced. To replace your battery follow the steps below.

1-WAY REMOTE TRANSMITTERS
Remove the small Phillips screw on the back side of the remote then gently pull the remote transmitter apart. Remove the battery and replace with a new battery. If you are having trouble finding the proper size of the battery, the model number is printed on the battery case. Replace the back cover of remote transmitter and replace Phillips screw.

2-WAY REMOTE TRANSMITTERS
Remove the battery cover by sliding it out from the back of the remote. Remove and replace with a new AAA battery. Replace the cover by sliding it back into case.

DIAGNOSTIC MODE

Diagnostic Mode is a tool that can help trouble shoot a start fault. If the remote starter fails to start i.e.: the hood is open the park likes will flash a diagnostic code. i.e.: 5 flashes = start attempt with hood open. If the vehicle does not remote start, count the park light flashes then compare it to the chart below.

PARK LIGHTS	LED FLASHES	DIAGNOSTIC CODE
3 SLOW FLASHES	LED's ON SOLID	SYSTEM IS IN SERVICE MODE.
5 SLOW FLASHES	SERIES OF 5 FLASHES	START ATTEMPT WHILE IGNITION IS ON
5 FLASHES	SERIES OF 5 FLASHES	START ATTEMPT WITH HOOD SWITCH OPEN
6 FLASHES	SERIES OF 6 FLASHES	START ATTEMPT WITH BRAKE APPLIED
7 FLASHES	SERIES OF 7 FLASHES	SYSTEM IS IN TACH LOCK OUT (SEE DEALER)
8 FLASHES	SERIES OF 8 FLASHES	THREE START ATTEMPTS WITH NO START

The start fault must be corrected in order for the system to operate correctly.
* See your dealer for additional trouble shooting.

START FAULT

If the system fails to start the system will send a diagnostic code to the remote transmitter. This code is displayed using the clock numbers. The start fault code is also displayed on the park lights. (See Diagnostic Mode).

Start Fault Codes
1- "F:ho" indicated that the hood is open.
2- "F:bA" indicated that the brake is on.
3- "F:tA" indicated that the system is in tach lock out.
4- "F:16" indicated that the ignition key is on.

WARRANTY

Applicated Security Technologies, Inc. ("AST") promises to the original purchaser to repair or replace with a comparable reconditioned model any AST control module ("module") excluding without limitation the any other accessories, including but not limited to the antenna, remote, siren and wiring harness, proves to be defective in workmanship or material under reasonable use during the lifetime of the vehicle it was originally installed, provided the following conditions have been met: the module was professionally installed and serviced by an authorized AST dealer; the unit will be professionally reinstalled in the vehicle in which it was originally installed by an authorized AST dealer; the warranty information card was sent to AST within 10 days of the original installation date. Any warranty returns include a warranty return authorization number issued by AST, original bill or sale and be pre-paid shipped directly to AST. After an initial period of 2 years from the date of installation, AST reserves the right, at its sole discretion, to charge a warranty processing fee of $30.00 USD. AST does not cover the cost for return freight on warranty items, this cost is the sole responsibility of the purchaser.

All components included with the original packaged unit other than the module, including but not limited to the siren, antenna and the remote transmitters, carry a one-year warranty from the date of purchase of the same. Any warranty returns on components must include a warranty return authorization number issued by AST, original bill or sale and be pre-paid shipped directly to AST. This warranty is non-transferable and is automatically void if: the original purchaser has not completed the warranty card and mailed it within ten (10) days of the date of purchase to the address listed on the card; the unit's date code or serial number is defaced, missing or altered; the unit has been modified or used in a manner contrary to its intended purpose; the unit has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defects in materials or construction. The warranty does not cover damage to the unit caused by installation or removal of the unit. AST, at its sole discretion, will determine what constitutes excessive damage and may refuse the return of any unit with excessive damage, including, but not limited to, overloading, moisture and physical damage.

To the maximum extent allowed by law, any and all warranties are excluded by the manufacturer and each entity participating in the stream of commerce therewith. This exclusion includes but is not limited to, the exclusion of any and all warranty of merchantability and/or any and all warranty of fitness for a particular purpose and/or any and all warranty of non-infringement or patents, in the United States of America and/or abroad. Neither the manufacturer or any entities connected therewith shall be responsible or liable for any damages whatsoever, including but not limited to, any consequential damages, incidental damages, damages for loss of time, loss of earnings, commercial loss, loss of economic opportunity and the like. Notwithstanding the above, manufacturer does offer a limited warranty to replace or repair the control module as describe above.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights, which vary State to State.

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OWNER'S MANUAL

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