

90/ 95 SERIES

Advanced Remote Starters & Vehicle Security Systems

ULTRA START

TM

OWNER'S GUIDE

AUTOMATIC AND MANUAL TRANSMISSION MODELS*

*MUST USE M SERIES REMOTE STARTER!

**WARNING: 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 device.

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IMPORTANT NOTES**BEFORE YOU START**

1) For safety reasons, the owner/user of this system **MUST INSTALL** a **CARBON MONOXIDE DETECTOR** 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, **the system MUST BE placed Service Mode.**

4) **MANUAL TRANSMISSION STARTERS** 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!**






LCD 2 WAY REMOTE

Basic Remote Functions

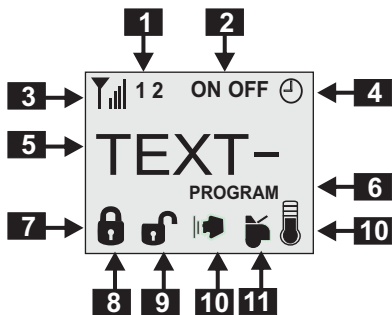
THE LCD REMOTE DISPLAYS THE CURRENT STATUS OF YOUR SYSTEM USING BOTH ICONS AND TEXT ON ITS UNIQUE LCD DISPLAY.

Basic Remote Functions



-  LOCK/ ARM ALARM
-  UNLOCK/ DISARM ALARM
-  REMOTE START/ STOP
-  TRUNK RELEASE / START STATUS
-  STATUS UPDATE/ PGM MODE
*RESERVATION MODE ON M SERIES.



























Basic Icon Description














ICON DESCRIPTION

- 1- USER MODE ICON
- 2- FEATURE STATUS
- 3- RANGE INDICATOR
- 4- TIMER MODE ICON
- 5- DISPLAY TEXT
- 6- PROGRAM MODE ICON
- 7- LOCK ICON
- 8- UNLOCK ICON
- 9- START/RUN ICON
- 10- LOW TEMP MODE
- 11- TRUNK RELEASE ICON





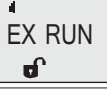







2 WAY REMOTE OPERATIONS

DISPLAY	BUTTON PRESS	AUDIBLE	FUNCTION
 LOCK 		LOCK - PRESS & RELEASE 1 BEEP / 1 BEEP	LOCK THE DOORS & ARM THE ALARM* *ALARM MODELS ONLY.
 PANIC 		LOCK - PRESS & HOLD 4 SECONDS SERIES OF BEEPS	ACTIVATES THE PANIC MODE FEATURE.
 LOCK 	 + 	PRESS AND RELEASE PRESS AND RELEASE (WITHIN 2 SECONDS) 1 BEEP PAUSE 1 BEEP	ACTIVATES THE CONSTANT LOCK OUTPUT FEATURE* *THE LOCK OUTPUT WILL STAY ON FOR 4 SECONDS. ACTIVATES WINDOW ROLL UP ON SELECT VEHICLES.
 UNLOCK 		UNLOCK - PRESS & RELEASE 1 BEEP / 2 BEEPS	UNLOCK THE DOORS & DISARM THE ALARM* *ALARM MODELS ONLY.
 LOCK 		LOCK - PRESS & RELEASE (WHILE ALARM TRIGGERED) 1 BEEP	TURNS OFF THE SIREN BUT THE ALARM WILL STAY ARMED. *ALARM MODELS.
 UNLOCK 		UNLOCK - PRESS & RELEASE (WHILE ALARM TRIGGERED) 1 BEEP	TURNS OFF THE SIREN BUT THE ALARM WILL STAY ARMED. *ALARM MODELS.
 UNLOCK 	 + 	UNLOCK - PRESS AND RELEASE UNLOCK - PRESS AND AN RELEASE 2 BEEPS PAUSE 1 BEEP	ACTIVATES THE DRIVER'S DOOR PRIORITY UNLOCK FEATURE. MAY REQUIRE ADDITION PARTS OR LABOUR. MUST BE PROGRAMMED FOR OUTPUT TO ACTIVATE.
 TRUNK 		TRUNK - PRESS AND HOLD FOR 4 SECONDS TRUNK - PRESS & RELEASE 1 BEEP PAUSE 3 BEEPS	ACTIVATES THE TRUNK RELEASE OUTPUT. *DISARMS ALARM, UNLOCKS DOORS & TRUNK ICON FLASHES WHEN REMOTE STARTED LCD WILL DISPLAY CURRENT RUNTIME





2 WAY REMOTE OPERATIONS

DISPLAY	BUTTON PRESS	AUDIBLE	FUNCTION
 AUX 1 	 +  PRESS AND HOLD TOGETHER	1 BEEP / 3 BEEPS	AUXILIARY 1 OUTPUT. ACTIVATES AS LONG AS THE BUTTONS ARE HELD (5 SECONDS MAX).
 AUX 2 	 +  PRESS AND HOLD TOGETHER	1 BEEP / 2 BEEPS	AUXILIARY 2 OUTPUT. DEFAULT 5 SECOND OUTPUT.
*THE AUXILIARY OUTPUTS CAN BE USED TO ACTIVATE ADDITION FEATURES SUCH AS POWER SLIDING DOOR CONTROL, SUN ROOF OPEN/CLOSE OR EVEN WINDOW ROLL-UP. THESE FUNCTIONS ARE OPTIONAL AND MAY REQUIRE ADDITION PARTS OR LABOUR. MUST BE PROGRAMMED FOR OUTPUTS TO ACTIVATE.			
 M-1234 	 PRESS & HOLD	MELODY	ENTERS REMOTE PROGRAM MODE. SEE REMOTE PROGRAM MODE SECTION OF THE MANUAL FOR MORE DETAILS.
*REMOTE PROGRAM MODE ALLOWS THE USER TO SET OR CHANGE DEFAULT FEATURES OF THE SYSTEM SUCH AS TIMER MODE, PAGER MODE, VALET MODE. SEE REMOTE PROGRAM MODE FOR MORE PROGRAMMABLE OPTIONS.			
USER NOTES <div style="border: 1px solid black; height: 200px; width: 100%;"></div>			







2 WAY REMOTE OPERATIONS

DISPLAY	BUTTON PRESS	AUDIBLE	FUNCTION
 <p>START</p>	 <p>KEY- PRESS AND HOLD FOR 3 SECONDS TILL REMOTE BEEPS THEN RELEASE</p>	<p>1 BEEP PAUSE TONE</p>	<p>ACTIVATES THE REMOTE CAR STARTER FUNCTION. THE DEFAULT RUNTIME IS 15 MINUTES.</p>
<p>MANUAL TRANSMISSION- RESERVATION MODE MUST BE SET TO REMOTE START THE VEHICLE.</p> <p>IF THE VEHICLE DOES NOT START A START FAULT CODE WILL BE DISPLAYED. THE START FAULT WILL CLEAR THE NEXT TIME THE SYSTEM IS LOCKED OR UNLOCKED. PLEASE SEE FAULT CODE SECTION OF MANUAL FOR MORE INFORMATION.</p>			
 <p>STOP</p>	 <p>KEY- PRESS AND HOLD WHILE VEHICLE IS RUNNING</p>	<p>1 BEEP PAUSE 1 BEEP</p>	<p>TURNS OFF THE REMOTE CAR STARTER. THE SYSTEM WILL AUTOMATICALLY TURN OFF AFTER THE DEFAULT RUNTIME (15 MINUTES) HAS EXPIRED.</p>
 <p>EX RUN</p>	 <p>KEY- PRESS & RELEASE WHILE RUNNING BY STARTER</p>	<p>1 BEEP PAUSE TONE</p>	<p>RESETS THE RUN TIME. THIS FEATURE WILL EXTEND THE CURRENT RUNTIME WHILE THE SYSTEM IS RUNNING BY THE REMOTE START.</p>
 <p>IDLE</p>	 <p>KEY- PRESS & RELEASE WHILE RUNNING BY KEY</p>	<p>1 BEEP PAUSE TONE</p>	<p>ACTIVATES THE IDLE MODE FEATURE. THE VEHICLE WILL RUN FOR 15 MINUTES WHEN THE KEY IS REMOVED.</p>
 <p>TURBO</p>	 <p>PRESS & RELEASE WHILE RUNNING BY KEY</p> <p>PRESS & RELEASE ONCE WHILE RUNNING BY KEY</p>	<p>2 BEEPS</p> <p>2 BEEPS</p>	<p>ACTIVATES THE TURBO TIMER MODE FEATURE. THE VEHICLE WILL RUN FOR 2 MINUTES WHEN THE KEY IS REMOVED.</p> <p>ACTIVATES THE RESERVATION MODE/ PRESS 2X FOR TURBO. MANUAL TRANSMISSION ONLY (SEE RESERVATION MODE)</p>
 <p>UNLOCK</p>	 <p>PRESS & RELEASE FOR STATUS UPDATE</p>	<p>2 BEEPS</p>	<p>THE REMOTE WILL UPDATE THE CURRENT STATUS, LOCKED OR UNLOCKED. THEN DISPLAY THE TEMPERATURE AND THEN THE CLOCK. TO STATUS UPDATE THE RUNTIME PRESS AND RELEASE THE TRUNK BUTTON.</p>





1 WAY REMOTE OPERATIONS

DISPLAY	BUTTON PRESS	HONKS/ FLASH	FUNCTION
 LOCK	1 SECOND	1	LOCK DOORS/ ARM ALARM*
	3 SECONDS	1	ACTIVATE PANIC MODE
	PRESS 2 TIMES	1	ACTIVATE CONSTANT LOCK MODE
 UNLOCK	1 SECOND	2	UNLOCK DOORS/ DISARM ALARM*
	PRESS 2ND TIME WITHIN 3 SECONDS	2-2	ACTIVATES DRIVER'S DOOR PRIORITY UNLOCK FEATURE.
	1 SECOND WHILE PANIC MODE IS	0	TURNS OFF PANIC BUT DOORS STAY LOCKED
 START	HOLD FOR 3 SECONDS	1	ACTIVATES REMOTE STARTER
	HOLD FOR 4 SECONDS	2	TURN OFF REMOTE STARTER
	HOLD FOR 3 SECONDS (CAR ON WITH KEY)	2	ACTIVATES ENGINE IDLE MODE
	PRESS & RELEASE (ON WITH STARTER)	1	ACTIVATES EXTENDED RUNTIME
 AUX	HOLD FOR 5 SECONDS	2	TRUNK RELEASE OUTPUT
	HOLD FOR 3 SECONDS (RUNNING BY KEY)	2-2	TURBO TIMER MODE. (STAYS RUNNING FOR 2 MINUTES)
	PRESS & RELEASE (RUNNING BY KEY AND PARK BRAKE ON)	2	ACTIVATES RESERVATION MODE MANUAL TRANSMISSION ONLY







1 WAY REMOTE OPERATIONS

DISPLAY	BUTTON PRESS	HONKS/ FLASH	FUNCTION
 + 	PRESS TOGETHER THEN RELEASE PRESS TOGETHER THEN RELEASE	1 2	ACTIVATES SILENT LOCK WITHOUT HONKS ACTIVATES SILENT UNLOCK WITHOUT HONKS
 +  AUX 1	PRESS TOGETHER FOR 3 SECONDS	2	ACTIVATES THE AUXILIARY 1 OUTPUT FOR 5 SECONDS.
 +  AUX 2	PRESS TOGETHER FOR 3 SECONDS	2	ACTIVATES THE AUXILIARY 2 OUTPUT FOR UP TO 5 SECONDS.
USER NOTES			

LED 2WAY REMOTE'S

DISPLAY	BUTTON PRESS	LED & BEEPS	FUNCTION
 LOCK	1 SECOND	1	LOCK DOORS/ ARM ALARM*
	3 SECONDS	1	ACTIVATE PANIC MODE
	PRESS 2 TIMES	1	ACTIVATE CONSTANT LOCK MODE
 UNLOCK	1 SECOND	2	UNLOCK DOORS/ DISARM ALARM*
	PRESS 2ND TIME WITHIN 3 SECONDS	2-2	ACTIVATES DRIVER'S DOOR PRIORITY UNLOCK FEATURE.
	1 SECOND WHILE PANIC MODE IS	0	TURNS OFF PANIC BUT DOORS STAY LOCKED
 START	HOLD FOR 3 SECONDS	1	ACTIVATES REMOTE STARTER
	HOLD FOR 3 SECONDS	2	TURN OFF REMOTE STARTER
	PRESS & RELEASE (CAR ON WITH KEY)	2	ACTIVATES ENGINE IDLE MODE
	PRESS & RELEASE (ON WITH STARTER)	1	ACTIVATES EXTENDED RUNTIME
 AUX	HOLD FOR 5 SECONDS	2	TRUNK RELEASE OUTPUT
	HOLD FOR 3 SECONDS (RUNNING BY KEY)	2-2	TURBO TIMER MODE. (STAYS RUNNING FOR 2 MINUTES)
	PRESS & RELEASE (RUNNING BY KEY AND PARK BRAKE ON)	2	ACTIVATES RESERVATION MODE MANUAL TRANSMISSION ONLY

LED 2WAY REMOTE'S

DISPLAY	BUTTON PRESS	LED & BEEPS	FUNCTION
 + 	PRESS TOGETHER THEN RELEASE PRESS TOGETHER THEN RELEASE	1 2	ACTIVATES SILENT LOCK WITHOUT HONKS ACTIVATES SILENT UNLOCK WITHOUT HONKS
 +  AUX 1	PRESS TOGETHER FOR 3 SECONDS	2	ACTIVATES THE AUXILIARY 1 OUTPUT FOR 5 SECONDS.
 +  AUX 2	PRESS TOGETHER FOR 3 SECONDS	2	ACTIVATES THE AUXILIARY 2 OUTPUT FOR UP TO 5 SECONDS.
USER NOTES			



OR



PRESS & HOLD

REMOTE STARTER ACTIVATION

1. Press and Hold the Start button for 3 seconds.
2. The park lights will flash and the siren**/ horn will chirp once.
3. The vehicle will remote start. The park lights will stay on during run time***
See diagnostic chart if your vehicle fails to start.

Note- Manual transmission vehicles must be set for reservation mode before remote starting. If your vehicle starts without setting reservation mode return to your dealer immediately as the incorrect remote starter has been installed.

***Hold for 3 seconds or until the remote beeps on 2way models.**

**** Alarm Models**

*****Default 15 minutes**



TURN KEY ON

KEY TAKE OVER

When the vehicle is remote started and you wish to enter the vehicle to drive away you must do the following.

1. Enter the vehicle then insert the key into the ignition switch.
2. Turn the key forward to the **or** RUN* position. (This is usually 2-3 key positions)
*Do not turn the key to the start position.
3. Step on the brake and the remote start will turn off however the vehicle will continue to run because the key is on. If the key is not in the on position when the brake is pressed the remote starter and the vehicle will both shut off.**

** If the vehicle shuts down simply restart the engine with the key.

DO NOT TURN THE KEY TO THE START POSITION WHILE THE ENGINE IS RUNNING

SYSTEM OPERATIONS



OR



PRESS & HOLD

REMOTE STARTER SHUT DOWN

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

THE VEHICLE WILL SHUT OFF WHEN THE RUNTIME EXPIRES (DEFAULT 15MIN)



OR



PRESS & HOLD

ENGINE IDLE MODE

This feature allows the user to safely leave the vehicle running without leaving the keys in the ignition.

1. While the vehicle is running with the key press and release the START button then remove the key from the ignition. The vehicle will run for 15 minute while you are away.



OR



PRESS & RELEASE

EXTENDED RUNTIME

1. While the vehicle is running with the remote starter, press and release the START 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 (See Example Below)**.

**Not available with 4 minute run time.

Example- If the vehicle has been remote started for 10 minutes and you press and release the start button the system will run for a addition 15 minutes totalling 25 minutes of runtime.



PRESS & HOLD

TURBO TIMER MODE

While the vehicle is running with the key, press and release the # button. The park lights will turn on and the siren* or horn (optional) will chirp twice (If connected the doors will unlock). When the ignition key is turned to the "OFF" position the vehicle will remain running for 2 minutes.

*Press # twice on manual transmission models.

**PRESS & RELEASE****RESERVATION MODE**

REQUIRED ON MANUAL TRANSMISSION VEHICLES ONLY. RESERVATION MODE MUST BE SET TO REMOTE START THE VEHICLE.

RESERVATION MODE TYPE -1 (DEFAULT SETTING)

- 1) PLACE THE TRANSMISSION INTO NEUTRAL (VEHICLE RUNNING).
- 2) APPLY THE PARKING BRAKE.
- 3) PRESS AND RELEASE THE # BUTTON ON THE REMOTE.
THE PARK LIGHTS WILL FLASH AND THE HORN (IF CONNECTED) WILL HONK TWICE.
- 4) REMOVE THE KEY. (THE VEHICLE WILL STAY RUNNING).
- 5) EXIT THE VEHICLE. THE ENGINE WILL SHUT OFF WHEN THE DOOR IS CLOSED.

THE SYSTEM CAN NOW BE ACTIVATED BY PRESSING THE START BUTTON.

RESERVATION MODE TYPE -2 (DEALER PROGRAMMABLE)

- 1) PLACE THE TRANSMISSION INTO NEUTRAL (VEHICLE RUNNING).
- 2) APPLY THE PARKING BRAKE.
THE PARK LIGHTS WILL FLASH AND THE HORN (OPTIONAL) WILL HONK TWICE.
- 3) REMOVE THE KEY. (THE VEHICLE WILL STAY RUNNING).
- 4) EXIT THE VEHICLE. THE ENGINE WILL SHUT OFF WHEN THE DOOR IS CLOSED.

THE SYSTEM CAN NOW BE ACTIVATED BY PRESSING THE START BUTTON.

NOTE- LCD 2WAY MODELS WILL DISPLAY TURBO ON THE SCREEN AFTER PRESSING THE # BUTTON TO SET THE RESERVATION MODE.

RESERVATION MODE WILL CANCEL IF A DOOR IS RE- OPENED. TO ENTER THE VEHICLE WITHOUT CANCELLING RESERVATION MODE REMOTE START THE VEHICLE THEN SHUT THE SYSTEM OFF BY THE REMOTE ONCE THE DOORS ARE CLOSED AGAIN.

**PRESS & RELEASE****ARM SYSTEM / LOCK DOORS**

1. Press and release the Arm/ Lock button on the remote transmitter.
2. The park lights will flash and the siren* or horn (optional) will chirp one time.
3. The doors will lock and the Starter Disable will activate. (optional)
4. The LED will start flashing within five seconds. Programmable.

Alarm Models- Once armed the alarm can be triggered by the shock sensor (impact to vehicle), door inputs (opening door / hood) or turning the ignition on.

NOTES:

- If a door is open or delay dome light is on 30 seconds after arming, the system will chirp 3 times to indicate door input is bypassed until door is closed or dome light turns off.
- If system is programmed for silent arming the siren will not chirp when arming although the park lights will still flash.
- If system is in valet mode the doors will lock/ unlock but the siren will not chirp. The LED indicator will be on solid.

See Valet / Service Mode in this manual for further information



OR

**PRESS & HOLD****ACTIVATE TRUNK RELEASE**

1. Press and hold the Trunk Release button on the remote.
2. The park lights will flash and the siren* or horn (optional) will chirp two times.
3. The doors will unlock and the Starter Disable will deactivate. (optional)
4. The LEDs will stop flashing.
5. Continue to HOLD until the Trunk Release Activates/ Opens.

NOTES:

- For safety, the trunk release will not active when ignition key is ON.

***Hold the Trunk button on LCD 2way models. See 2way operations.**



PRESS & RELEASE

DISARM SYSTEM / UNLOCK DOORS

1. Press then release the Disarm / Unlock button on the remote.
2. The park lights will flash and the siren* or horn (optional) will chirp two times.*
3. The doors will unlock and the Starter Disable** will deactivate.
4. The LEDs will stop flashing.

NOTES:

- If the alarm was active (siren sounding), the first press of the unlock button will turn off the siren and the second press will unlock / disarm.
- Siren will chirp 3 times if alarm was triggered while armed. *See alarm diagnostics section of manual for further information*
- If system is programmed for silent disarm, siren will not chirp when disarming, park lights will flash 2 times. *Contact installer if you do not want this feature.*
- If system is in valet mode, siren will not chirp and park lights will not flash but doors will unlock. LED will be one SOLID. *See Valet / Service Mode section of manual for further information.*

** Optional Feature may require additional parts



PRESS TWICE

DRIVER'S DOOR PRIORITY UNLOCK

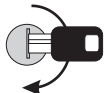
1. Press then release the Disarm / Unlock button on the remote transmitter.
2. The park lights will flash and the siren* or horn (optional) will chirp two times.*
3. The driver's doors will unlock and the Starter Disable will deactivate. (optional)
4. The LEDs will stop flashing.
5. Press the Disarm / Unlock Button a second time within 3 seconds and the other doors will unlock.*

*This is an optional feature that may not be available on all vehicles.

SERVICE MODE

This feature is to be used when the vehicle is being serviced or if the remote transmitter is lost or is not communicating with the system. This will disable the remote starter from activating and disable the alarm of alarm models.

ACTIVATING SERVICE MODE



**Turn the Ignition Key ON
(Leave in the ON position)**

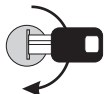


**Press and hold the Valet switch for 8 to 15 seconds
(Time depends on "Valet Settings" Program Option)**



The horn/ siren* will chirp 5 times as confirmation that the system is in Service Mode. The LEDs on the antenna will turn on Solid.

DEACTIVATING SERVICE MODE



**Turn the Ignition Key ON
(Leave in the ON position)**



**Press and hold the Valet switch for 8 to 15 seconds
(Time depends on "Valet Settings" Program Option)**



The horn/ siren* will chirp 2 times as confirmation that Service Mode is OFF. The LEDs on the antenna will turn on OFF.

***SIREN FUNCTION ON ALARM MODELS**

TEMP START MODE

STEP 1- TURN ON LOW TEMP MODE



TO SET LOW TEMP MODE

HOLD LOCK AND START FOR 5 SECONDS.

THE PARK LIGHTS WILL TURN ON.

THE REMOTE WILL DISPLAY TEMP ON.

PRESS AND RELEASE THE REMOTE BUTTON ACCORDING TO THE TEMP SETTING TO BE SET. *SEE BELOW.

STEP 2- SELECT THE DEFAULT TEMPERATURE SETTING

TEMP ADJUSTMENT

PRESS A REMOTE BUTTON TO SELECT SETTING.

PRESS LOCK. SETS TEMP 1- THE SYSTEM WILL START AT 0C / 32F

PRESS UNLOCK. SETS TEMP 2- THE SYSTEM WILL START AT -5C / 23F

PRESS START. SETS TEMP 3- THE SYSTEM WILL START AT -15C / 5F

PRESS (#). SETS TEMP 4- THE SYSTEM WILL START AT -25C / -13F

THE PARK LIGHTS WILL FLASH TO CONFIRM THE SELECTION.

STEP 3- TURN THE TEMP MODE ON/ OFF



TO ENTER PROGRAM MODE

HOLD LOCK AND START FOR 5 SECONDS.

THE LCD WILL DISPLAY TEMP OFF. THE PARK LIGHTS WILL FLASH AND THE HORN WILL HONK TWICE TO CONFIRM THAT LOW TEMP MODE IS OFF.

TEMP MODE WILL EXIT IF THE KEY IS TURNED ON, THE SYSTEM IS REMOTE STARTED OR IF 24 HRS PASSES.

RUN TIME ADJUSTMENT



TO ENTER PROGRAM MODE

PRESS AND HOLD THE # BUTTON ON THE REMOTE FOR 4 SECONDS. THE REMOTE WILL BEEP 3 TIMES THEN DISPLAY "PROGRAM" & "M-1234". PRESS START TO CONTINUE.

PRESS START TO GO TO RUN TIME ADJUSTMENT

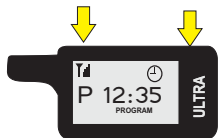


RUN TIME ADJUSTMENT

PRESS UNLOCK BUTTON TO CHANGE TO 4 MINUTES. PRESS START BUTTON TO CHANGE TO 45 MINUTES. PRESS # TO EXIT.



CLOCK SET MODE



TO SET THE CLOCK TIME

PRESS AND HOLD THE LOCK AND STATUS BUTTONS ON THE REMOTE FOR 4 SECONDS. THE REMOTE WILL BEEP 1 TIME THEN THE PROGRAM AND CLOCK ICONS TURN ON.

PRESS THE LOCK BUTTON TO CHANGE FROM HH TO MM
PRESS THE UNLOCK BUTTON TO INCREASE THE SETTING
PRESS THE START BUTTON TO DECREASE THE SETTING

PRESS AND RELEASE THE STATUS BUTTON TO EXIT.

SHOCK SENSOR ADJUSTMENTS (2WAY ALARM MODELS)

THE SHOCK SENSOR SENSITIVITY IS SET USING THE REMOTE PROGRAM MODE FEATURE. ALARM MODELS ONLY.

ENTER REMOTE PROGRAM MODE



TO ENTER PROGRAM MODE

PRESS AND HOLD THE # BUTTON ON THE REMOTE FOR 4 SECONDS. THE REMOTE WILL BEEP 1 TIME AND THEN 3 TIMES. THE DISPLAY WILL SHOW "PROGRAM" & "M-1234"

ENTER SHOCK SENSITIVITY PROGRAMMING



PRESS AND RELEASE THE UNLOCK BUTTON AND THE SENS LEVEL WILL BE DISPLAYED

ADJUSTING THE SENSOR SENSITIVITY



PRESS AND RELEASE THE UNLOCK BUTTON TO DECREASE THE SENSITIVITY. THE LCD WILL SHOW THE CURRENT SETTING. THE LOWEST (LEAST SENSITIVE SETTING IS SEN 1.



PRESS AND RELEASE THE START BUTTON TO INCREASE THE SENSITIVITY. THE LCD WILL SHOW THE CURRENT SETTING. THE HIGHEST (MOST SENSITIVE) SETTING IS SEN 10.

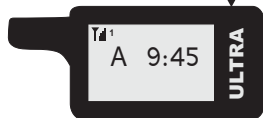
EXIT PROGRAM MODE

PRESS AND RELEASE THE # BUTTON ON THE REMOTE TO EXIT.

3295 - PAGER MODE ON/OFF

To increase battery duration on non alarm 2way systems it is recommended that the user switches the Pager Mode feature of the remote to OFF.

Hold for 4 seconds. #



Press & Release.



Press & Release.



Press & Release.



Press & Release. #



Pager Mode is now disabled and the battery life will be extended.

SHOCK SENSOR BYPASS (ALARM MODELS)

If the vehicle is being parked in a area with high levels of vibrations i.e: The Airport the shock sensor can be turned off to avoid false alarms.

- 1- Press lock on the remote then within 3 seconds press and release the start button.
- 2- The shock sensor will reactivate the next time the system is armed.

REMOTE PROGRAM MODE

REMOTE PROGRAM MODE ALLOWS THE USER TO SET FEATURES ON OR OFF FROM THE REMOTE TRANSMITTER. SEE THE INSTRUCTIONS BELOW TO CHANGE A USER SETTING.



TO ENTER PROGRAM MODE

PRESS AND HOLD THE # BUTTON ON THE REMOTE FOR 4 SECONDS.
THE REMOTE WILL PLAY THE PROGRAM MODE TUNE.
THE DISPLAY WILL SHOW "PROGRAM" & "M-1234"

PRESS LOCK TO GO TO TIMER SETTING OR PRESS STATUS TO EXIT.



TURN TIMER MODE ON / OFF (TIMER ICON ON/OFF)

PRESS THE LOCK BUTTON TO SELECT TIMER MODE
PRESS THE UNLOCK BUTTON TO TURN ON
PRESS THE START BUTTON TO TURN OFF

PRESS LOCK TO GO TO NEXT SETTING OR STATUS TO EXIT.



TURN PAGER ON / OFF

PRESS THE LOCK BUTTON TO SELECT PAGER MODE
PRESS THE UNLOCK BUTTON TO TURN ON
PRESS THE START BUTTON TO TURN OFF

PRESS LOCK TO GO TO NEXT SETTING OR STATUS TO EXIT.



TURN VALET ON / OFF

PRESS THE LOCK BUTTON TO SELECT VALET MODE
PRESS THE UNLOCK BUTTON TO TURN ON
PRESS THE START BUTTON TO TURN OFF

PRESS LOCK TO GO TO NEXT SETTING OR STATUS TO EXIT.



CONTINUED ON NEXT PAGE...

REMOTE PROGRAM MODE**SWITCH FROM CAR 1 TO CAR 2**

PRESS THE LOCK BUTTON TO SELECT CAR MODE
 PRESS THE UNLOCK BUTTON TO SELECT CAR 1
 PRESS THE START BUTTON TO SELECT CAR 2

PRESS LOCK TO GO TO NEXT SETTING OR STATUS TO EXIT.

**TURN HORN/ SIREN CHIRPS ON / OFF**

PRESS THE LOCK BUTTON FOR HORN/SIREN MODE
 PRESS THE UNLOCK BUTTON TO TURN ON
 PRESS THE START BUTTON TO TURN OFF

PRESS LOCK TO GO TO NEXT SETTING OR STATUS TO EXIT.

**TURN SHOCK SENSOR ON / OFF (ALARM MODELS)**

PRESS THE LOCK BUTTON TO SELECT SHOCK MODE
 PRESS THE UNLOCK BUTTON TO TURN ON
 PRESS THE START BUTTON TO TURN OFF

PRESS LOCK TO GO TO NEXT SETTING OR STATUS TO EXIT.

**SETS REMOTE TEMPERATURE DISPLAY FROM CELSIUS TO FAHRENHEIT**

PRESS THE LOCK TO SELECT **CELSIUS**
 PRESS THE UNLOCK TO SELECT **FAHRENHEIT**

PRESS LOCK TO GO BACK TO THE FIRST SETTING OR PRESS # TO EXIT.

ALARM TRIGGERS & PAGER MODE

WHEN THE ALARM IS TRIGGERED THE SYSTEM WILL PAGE THE REMOTE WITH THE SPECIFIC ALARM TRIGGER. THE REMOTE WILL START TO BEEP AND THE LCD WILL ALTERNATE BETWEEN "ALARM" AND THE "TRIGGER"



TOGGLE



DOOR TRIGGER

THIS PAGE WOULD OCCUR IF A DOOR WAS OPENED ON THE VEHICLE.



TOGGLE



SHOCK TRIGGER

THIS PAGE WOULD OCCUR IF THE VEHICLE WAS IMPACTED HARD ENOUGH TO TRIGGER THE SHOCK SENSOR.



TOGGLE



HOOD TRIGGER

THIS PAGE WOULD OCCUR IF A HOOD WAS OPENED ON THE VEHICLE.



TOGGLE



AUX TRIGGER

THIS PAGE WOULD OCCUR IF THE AUXILIARY SENSOR INPUT IS TRIGGERED.



TOGGLE



PANIC TRIGGER

THIS PAGE WOULD OCCUR IF THE SYSTEM WAS SET INTO PANIC MODE. (LOCK HELD FOR 3 SECONDS).

FAULT CODE VIA PAGER

IF THE STARTER FAILS TO START THE REMOTE WILL DISPLAY A FAULT CODE ON THE LCD DISPLAY. THE TEXT "FAULT" WILL BE FOLLOWED BY THE INPUT OR CONDITION



TOGGLE
→
←



BRAKE FAULT

THIS FAULT WOULD OCCUR IF THE BRAKE THERE WAS AN ISSUE WITH THE BRAKE CIRCUIT.



TOGGLE
→
←



HOOD FAULT

THIS FAULT WOULD OCCUR IF THE HOOD WAS OPENED OR THE HOOD SWITCH IS BROKE OR OUT OF ALIGNMENT.



TOGGLE
→
←



TACH FAULT

THIS FAULT WOULD OCCUR IF THE VEHICLE HAD A START ISSUE SUCH AS A DEFECTIVE BYPASS MODULE.



TOGGLE
→
←



VALET FAULT

THIS FAULT WOULD OCCUR IF THE SYSTEM WAS IN VALET AND YOU PRESSED START.



TOGGLE
→
←



RANGE FAULT

THIS FAULT WOULD OCCUR IF THE USER WAS OUT OF OPERATING RANGE.



TOGGLE
→
←



PBRAKE FAULT

THIS FAULT WILL OCCUR IF START IS PRESS WHEN NOT SET FOR RESERVATION MODE. MANUAL TRANSMISSION ONLY.

ALARM STATUS / DIAGNOSTICS

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 lights 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	DIAGNOSTICS / STATUS
3 SLOW FLASHES	LED's ON SOLID	SYSTEM IS IN SERVICE MODE.
4 SLOW FLASHES	SERIES OF 8 FLASHES	NOT SET IN RESERVATION MODE "M" MODELS
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 or visit www.ultrastarters.com and visit the support page..

TROUBLE SHOOTING**The LED's do not turn on when Tach Learning?**

- 1) The Tach wire input may be connected to the wrong wire. Check the Tach location and connection then "reset and relearn".
- 2) The system may be in Tachless Mode. On TL models the Tach wire connection is optional and the LED's do not turn on during the 35 second learn procedure.

When I unlock the doors the windows roll down or the Trunk Pops?

This issue is caused by the length of the unlock pulse. To correct this issue program the system for short door lock pulses. (125ms)

The alarm activates 30-45 minutes after setting it?

To prevent the vehicles battery from going dead the computer will "hibernate" like your home computer might. In some vehicles this causes the door pin input to change state. The alarm detects the change of state and activates. A relay must be installed to isolated the door pin circuit from the alarm.

The starter motor stays engaged to long when remote started?

Reset then relearn the Tach with the transmission in reverse. If the vehicle is tach learned when the idle is high the starter motor may "drag". Check your ground connection if issues persist.

WARRANTY

Applied 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.

****FOR DETAILED VEHICLE WIRING INFORMATION GO TO:**
http://www.ultrastarters.com/wiring_diagrams.html

This site is for registered and authorized dealer only.

If you are an authorized dealer but have been registered, please fill out the service request form at
http://www.ultrastarters.com/wiring_diagrams.html

PRODUCT INFORMATION: www.ultrastarters.com
TECHNICAL SUPPORT: support@ultrastarters.com
ORDERING: orders@ultrastarters.com

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