

# 72 SERIES

Advanced Remote Starters & Vehicle Security Systems

# ULTRA START

## OWNER'S GUIDE

™

THIS MANUAL COVERS THE OPERATIONS OF  
THE 1172 AND 1272 REMOTE  
VEHICLE STARTERS

**WARNING: NEVER USE AN AUTOMATIC TRANSMISSION  
STARTER IN A MANUAL TRANSMISSION VEHICLE**

[www.ultrastarters.com](http://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****ATTENTION**

Please take a moment to review the safety precautions before operating your system.

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. IF THIS SYSTEM WAS INSTALLED IN A MANUAL TRANSMISSION VEHICLE, RETURN TO YOUR DEALER AND HAVE IT DISABLED UNTIL THE CORRECT MODEL CAN BE INSTALLED.**

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

## QUICK VIEW CHART

BUTTON	BUTTON PRESS	HONKS / FLASH	SYSTEM FUNCTION
 <b>LOCK</b>	1 SECOND	1	LOCK DOORS
	3 SECONDS	1	ACTIVATE PANIC MODE
	PRESS THEN RELEASE THEN PRESS & HOLD	1	ACTIVATE CONSTANT LOCK OUTPUT
 <b>UNLOCK/ TRUNK</b>	1 SECOND	2	UNLOCK DOORS
	1 SECOND WHILE ALARM IS TRIGGERED	NONE	TURNS OFF PANIC BUT DOOR STAY LOCKED
	5 SECONDS	2	AUXILIARY #2 OUTPUT
 <b>START</b>	PRESS & RELEASE	1	ACTIVATES REMOTE STARTER
	PRESS & HOLD	2	TURN OFF REMOTE STARTER
 <b>AUX</b>	PRESS AND HOLD HOLD FOR 3 SEC	2 ON	AUXILIARY #1 OUTPUT (DEFAULT) CAR FINDER (PROGRAMMABLE)
	PRESS TOGETHER THEN RELEASE	1	ACTIVATES SILENT LOCK WITHOUT HONKS
	PRESS TOGETHER THEN RELEASE	2	ACTIVATES SILENT UNLOCK WITHOUT HONKS

## QUICK VIEW CHART

BUTTON	BUTTON PRESS	HONKS / FLASH	SYSTEM FUNCTION
 2ND CAR OPERATION	1 SEC	1	2ND CAR LOCK
	3 SEC	1	2ND CAR ACTIVATE PANIC
	PRESS /RELEASE THEN PRESS & HOLD	1	2ND CAR ACTIVATE CONSTANT LOCK OUTPUT
 2ND CAR OPERATION	1 SEC	2	2ND CAR UNLOCK
	3 SEC	2	UNLOCK THEN TRUNK RELEASE
 2ND CAR OPERATION	1 SEC	1	2ND CAR REMOTE START
	3 SEC	2	2ND CAR REMOTE SHUTDOWN

## 2 BUTTON REMOTE NOTES

THE SYSTEM MUST BE PROGRAMMED FOR 2 BUTTON REMOTE LOCK/UNLOCK TOGGLE TO OPERATE THE LOCK FEATURE ON THE VEHICLE. PRESSING THE UNLOCK BUTTON WILL TOGGLE BETWEEN THE LOCK AND UNLOCK OUTPUT.

THE SYSTEM MUST BE PROGRAMMED FOR 2 BUTTON REMOTE OR LOCK/UNLOCK TOGGLE TO ACCESS COLD START MODE AND THE FOURTH PROGRAM MENU.

PLEASE NOTE THAT THE DOOR LOCK/ UNLOCK FEATURE IS AN OPTION AND MAY REQUIRE ADDITIONAL PART AND LABOR.

**PRESS & RELEASE****REMOTE STARTER ACTIVATION**

1. Press and release the START button on the remote transmitter one time.\*  
\*Press twice if the system is programmed for Safety Start.
2. The park lights will flash and the horn (optional) will Honk once as confirmation.
3. The vehicle will remote start and the park lights will turn on and remain on while the vehicle is running under remote start\*\*.

- If the remote start fails to start see the diagnostics chart at the back of the manual.

**\*\*DEFAULT RUNTIME OF THE SYSTEM IS 15 MINUTES.**

**TURN KEY ON****KEY TAKEOVER**

Once the vehicle is remote started and you wish to enter the vehicle to drive away you must preform the following steps.

1. Enter the vehicle then insert the key into the ignition switch.
2. Turn the key forward to the ON 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 starter 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



## PRESS &amp; 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 horn (optional) will honk 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)**



## PRESS &amp; RELEASE

## 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.



## PRESS &amp; 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 horn (optional) will honk one time as confirmation. 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 &amp; RELEASE

## TURBO TIMER MODE

While the vehicle is running with the key, press and release the # button. The park lights will turn on and the horn (optional) will Honk 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.

**\*NOT AVAILABLE ON 2 BUTTON REMOTE.**

## SYSTEM OPERATIONS



## PRESS &amp; RELEASE

## UNLOCK DOORS

1. Press then release the Unlock Button on the remote transmitter.
2. The park lights will flash and the horn (optional) will honk two times.
3. The doors will unlock and the dome lights will activate. (optional)
4. The LEDs will stop flashing.

**NOTES:**

- If the panic mode is activated the first press of the unlock button will turn off the horn off and the second press will unlock the doors.
- The horn can be programmed to honk with Car Finder and Panic Mode only.
- If the system is in valet mode the doors will lock/ unlock but the horn will not honk.
- The LEDs will be on solid if the system is in valet mode.

See *Valet / Service Mode* in this manual for further information

\*\* *Optional Feature may require additional parts and labor.*



## HOLD THE # BUTTON

## AUXILIARY OUTPUT 1

The Aux output can be programmed for a variety of custom applications.  
(SEE DEALER FOR DETAILS)

1. To activate Auxiliary Channel 1 output press and hold the # Button for 3 seconds.
2. The system will unlock the doors then the AUX 1 output will activate.
3. Release the buttons for a momentary output or continue holding for up to a 5 second output.

This feature can be used to open the trunk, open or close power windows or control sliding doors on minivans.

**\*NOT AVAILABLE ON 2 BUTTON REMOTE.**

**PRESS & RELEASE****LOCK DOORS**

1. Press and release the Lock Button on the remote transmitter.
2. The park lights will flash and the horn (optional) will Honk one time.
3. The doors will lock.
4. The LED will start flashing within five seconds.

**NOTES:**

- If the panic mode is activated pressing the lock button on the remote will stop the horn from sounding.
- The horn can be programmed to honk with Car Finder and Panic Mode only.
- If the system is in Service Mode the doors will lock/ unlock but the horn will not honk.
- The LEDs will be on solid if the system is in Service Mode.

See Valet / Service Mode in this manual for further information

**\*\* Optional Feature may require additional parts and labor.**

**NEW-** The LEDs can now be programmed not to flash when the doors are locked by the remote transmitter.

**\*2 Button remote-** The system must be programmed for 2 button remote lock/unlock toggle to operate the lock feature on the vehicle. See dealer for more information.

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

1. Press then HOLD the Unlock Button on the remote transmitter.
2. The park lights will flash and the horn (optional) will honk two times.
3. The doors will unlock and the dome lights will activate. (optional)
4. The LEDs will stop flashing.
5. Continue to HOLD the Unlock Button until the trunk release activates.

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

**\*\* Optional Feature may require additional parts and labor.**

**PRESS HOLD****ACTIVATE PANIC MODE**

1. Press and HOLD the Lock Button for three seconds.
2. The doors will lock.
3. The park lights will begin to flash and the horn will honk ON and OFF.
4. To turn off panic, press Lock or Unlock Buttons on remote.
5. If no button is pressed, Panic will stay active for 1 minute then turn off.

***Panic Mode** is a personal protection feature that allows you to activate your alarm from the remote transmitter. This feature can be used to draw attention to your vehicle if you feel threatened.*

**\*NOTE AVAILABLE ON 2 BUTTON REMOTE.**



+

**PRESS TOGETHER****SILENT LOCK / SILENT UNLOCK**

1. Press then release the Lock & Unlock buttons together.
2. If the system is UNLOCKED, it will Lock the doors with no horn honks. The park lights will flash 1 time.
3. If the system is LOCKED, it will Unlock the doors with no horn honks. The park lights will flash 2 times.

**\*NOT AVAILABLE ON 2 BUTTON REMOTE.**

**PRESS & HOLD for 3 sec****CAR FINDER MODE**

1. PRESS & HOLD The # Button on the remote transmitter for 5 seconds.  
- The horn will honk 5 times and the park lights will flash 5 times.

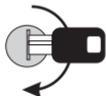
*This feature helps in locating your vehicle in a crowded parking lot. It allows you hear and see your vehicle from a distance.*

*\*Requires horn output connection and dealer programming.*

**\*NOT AVAILABLE ON 2 BUTTON REMOTE.**

**SYSTEM OPERATIONS****SERVICE MODE**

This feature is to be used if the remote transmitter is lost or is not communicating with the system. This will disable the optional starter disable if installed. Follow the steps below to deactivate your system.

**ACTIVATING SERVICE MODE**

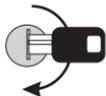
**Turn the Ignition Key ON**  
(Leave in the ON position)



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



**The horn will honk 5 times as confirmation that the system is now in Service Mode. The LEDs on the antenna will turn on solid while in Service Mode.**

**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 will honk 2 times as confirmation that the system is has exited Service Mode. The LEDs on the antenna will turn off when Service Mode is off.**



PRESS AND HOLD

## COLD START MODE

Timer Mode will start the vehicle at a user selectable start interval. The vehicle will start at the selected start interval and run for the programmed runtime\*. **EXAMPLE:** If the 4 hour start cycle was selected, the vehicle will start once every 4 hours for up to 24hrs. (Default 15 minutes runtime)

Press and Hold LOCK and START for 3 seconds or until the park lights turn on.

\*2 Button remote- Hold UNLOCK and START. (Must be programmed)

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

	Sets the <b>ONE HOUR</b> interval. The park lights will flash <b>ONCE</b> as confirmation.*
	Sets the <b>TWO HOUR</b> interval. The park lights will flash <b>TWICE</b> as confirmation.
	Sets the <b>THREE HOUR</b> interval. Park lights will flash <b>THREE TIMES</b> as confirmation.
	Sets the <b>FOUR HOUR</b> interval. Park lights will flash <b>FOUR TIMES</b> as confirmation.

\*One and four hour timer is not available with 2 button remote's.

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

### To Cancel Timer Mode

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

\*2 Button remote- Hold UNLOCK and START. (Must be programmed)

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 Timer Mode.

## TROUBLE SHOOTING

SYMPTOM	CAUSE/SOLUTION
Vehicle is not remote starting?	<ul style="list-style-type: none"> <li>- Count the park light flashes then see the diagnostics page.</li> <li>- Check battery voltage in the remote.</li> <li>- Make sure you are with-in operating range.</li> <li>- Check if the vehicle anti-theft is activating.</li> <li>- Reprogram the remote's using Transmitter Program Mode.</li> </ul>
Vehicle starts then shuts off by itself	<ul style="list-style-type: none"> <li>- Check if the vehicle anti-theft is activating.</li> <li>- Is the starter motor staying on to log? If so, reprogram the tach and try again.</li> <li>- See dealer if problem is not resolved.</li> </ul>
The system does not respond to the remote transmitter	<ul style="list-style-type: none"> <li>- Try your second remote.</li> <li>- Check the batteries in the remote.</li> <li>- Reprogram the remote's using Transmitter Program Mode.</li> <li>- Make sure you are with-in operating range.</li> </ul>
Doors do not lock Or unlock	<ul style="list-style-type: none"> <li>- Was this optional feature installed?</li> <li>- Have your installer check the door lock connector.</li> <li>- Have bypass or keyless module reprogrammed.</li> </ul>
Horn does not honk	<ul style="list-style-type: none"> <li>- Was this optional feature installed?</li> <li>- Try panic mode to see if horn activates. If not, have the systems horn output checked.</li> </ul>
Lights on the antenna are flashing	<ul style="list-style-type: none"> <li>- When the doors are locked by the remote the LEDs will flash until the unlock button is pressed.</li> <li>- If you do not want the LEDs to flash have your installer program the LED flashes off.</li> </ul>

## PLEASE NOTE

We recommend that you contact your dealer if you encounter a problem with your system. If your dealer is not available, see [http://ultrastarters.com/dealer\\_locator.html](http://ultrastarters.com/dealer_locator.html) to locate an Authorized Dealer in your area. For more advanced trouble shooting tips, programming videos, programming PDF's and FAQ's please visit [www.ultrastarters.com/support.html](http://www.ultrastarters.com/support.html)

## 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 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	DIAGNOSTICS / STATUS
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 or visit [www.ultrastarters.com](http://www.ultrastarters.com) and visit the support page.

## USER NOTES

## 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.

# 72 SERIES

OWNER'S MANUAL

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Technical Support: [support@ultrastarters.com](mailto:support@ultrastarters.com)

Additional Product Information: [www.ultrastarters.com](http://www.ultrastarters.com)

## IMPORTANT NOTES

LOCK, UNLOCK, DRIVER'S DOOR PRIORITY UNLOCK, TRUNK RELEASE AND THE AUXILIARY OUTPUTS ARE OPTIONAL OUTPUTS. ENABLING THESE FEATURES REQUIRES CUSTOM INSTALLATION & PROGRAMMING. THESE FEATURES MAY NOT BE COMPATIBLE WITH SOME VEHICLES.

FOR SAFETY REASONS THE TRUNK RELEASE OUTPUT WILL NOT ACTIVATE WHEN THE IGNITION IS IN THE ON POSITION.

NOTE: PADLOC AND 2ND CAR OPERATION ARE FEATURES THAT REQUIRE SPECIAL PROGRAMMING.

SOME FEATURES MAY NOT BE AVAILABLE FOR ALL APPLICATIONS. CONTACT YOUR DEALER FOR MORE INFORMATION.