

General System Functions

Manual Transmission Remote Start Function (Reservation Mode)

In order to remote start a manual transmission vehicle, the system must first be set in Reservation Mode. Reservation Mode must be set each and every time you want to remote start a manual transmission vehicle. The purpose of Reservation Mode is to leave the transmission in neutral before exiting the vehicle.

IMPORTANT

- The transmission must be left in the neutral position.
- The vehicles windows must be rolled up.
- The vehicles door pins must be in working order.
- Do not set reservation mode or remote start with people in the vehicle.
- Do not install this remote start on a manual transmission vehicle that has a convertible or removable top.

Activating Reservation Mode

STEP1 : While the vehicle is running, place the transmission in neutral, set the emergency / parking brake, and remove pressure from the foot brake.

STEP2 : Remove the key from the vehicle's ignition. The vehicle's engine should remain running even after the key has been removed. If the vehicle does not remain running visit your local authorized Firsttech dealer for service.

STEP3 : Exit the vehicle and close the door. The vehicle's engine should shut off within 10 seconds upon closing the last door. If the vehicle's engine does not shut off, your door trigger may be functioning improperly. Do not use the remote start feature and take your vehicle to a local authorized Firsttech dealer for service.

Once the vehicle shuts off your system is in reservation mode and the vehicle is ready to safely remote start.

IMPORTANT : By default, the system will lock/arm the vehicle upon setting reservation mode. Take care to not lock your keys inside the vehicle.

General System Functions

Canceling Reservation Mode

Reservation mode will be cancelled for the following reasons;

- You did not activate the parking brake prior to turning off the ignition.
- You pressed the foot brake after the key was removed from the ignition.
- You released the parking brake after the key was removed from the ignition.
- You entered valet mode, opened the vehicles door, hood, trunk or set off the alarm.

Reservation Mode Settings

Reservation mode settings can be programmed with Option 1-6. It is recommended that reservation mode settings are programmed by your local authorized Firsttech dealer.

Default : Locks doors when reservation mode is set.

Option2 : Does not lock doors when reservation mode is set.

Option3 : Reservation mode sets 10 seconds after the last door is closed, as opposed to immediately.

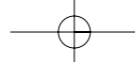
This option will allow you to access the vehicle's rear doors, trunk or hatch prior to the system setting reservation and passively locking/arming.

Trunk Release



Hold button (III) for 2.5 seconds to release the trunk or hatch. If you are in range, the remote will beep twice and the trunk icon will illuminate indicating that the trunk release command has been successfully transmitted.

IMPORTANT: Trunk release is an optional vehicle feature that may require additional parts and labor.



General System Functions

Auxiliary Outputs / Window Roll-Down / Sliding Doors

Your system is equipped with two additional outputs that can be configured to control windows, open power sliding doors, open a power sliding moon roof, or even turn on a rear defroster. These outputs can be configured for pulsed, timed or latched settings. Your authorized Firstech dealer can set these outputs up accordingly. Using auxiliary outputs to control additional vehicle functions will require additional parts and can be rather labor extensive.

AUX

Tap button (II) for 0.5 seconds to trigger auxiliary output 1. Tap button (III) for 0.5 seconds to trigger auxiliary output 2. The remote will beep once and parking lights flash indicating that the auxiliary output(s) have been triggered.

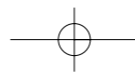
By default, the system is in secure auxiliary mode, which requires you to tap button (IV) for 0.5 seconds prior to triggering auxiliary 1 or 2. To turn off secure auxiliary, ask your authorized Firstech dealer to turn on **Option 4-5 to setting II.**

Temperature and Battery Query

8 V

When in range of your vehicle, the remote will display the vehicle's temperature, vehicle battery voltage and remote battery voltage (Pro Only) upon tapping button (IV). The temperature will be displayed after tapping button (IV) for 0.5 seconds. Tap button (IV) a second time within four seconds to display the vehicle's battery voltage. Tap button (IV) a third time within four seconds to display the remote's battery voltage. (Pro Only)

If you tap button (IV) and you do not get any response from the remote, the remote pager is most likely out of range to receive commands. If you tap button (IV) and the remote reads "FAIL" then your temperature sensor is not installed or may be malfunctioning.



General System Functions

Silent Arm / Disarm



Upon lock/arm and unlock/disarm, you can eliminate vehicle's audible confirmation by muting the siren. Normally, the siren will chirp once to indicate the system is locked/armed and twice to indicate the system is unlocked/disarmed. To mute the siren tap buttons (I+II) simultaneously for 0.5 seconds. When the siren is muted, the siren icon will no longer be displayed on the LCD.

IMPORTANT: Even when the siren is muted, it will still go off in the event the alarm is triggered.

Remote Mute / Vibration Mode

All Firstech 2 Way LCD remotes have the option to be muted. To make the remote silent you must turn on vibration mode;



STEP 1: Enter remote programming mode by holding down buttons (II + III) simultaneously for 2.5 seconds. The remote will beep once and the LCD will read "Prog" to indicate that you have successfully entered programming mode.

STEP 2 (Pro Remotes): Scroll through the remote options by tapping button (IV) for 0.5 seconds. To set vibration mode tap button (IV) five times, or until the vibration mode icon is flashing

STEP 2 (Non Pro Remotes): To set vibration mode simply tap button (IV) one time for 0.5 seconds after entering remote programming mode.

STEP 3: Exit remote programming by holding down buttons (II + III) simultaneously for 2.5 seconds. The remote will beep three times indicating that you have successfully exited programming. The vibration icon will remain illuminated on the LCD indicating the remote is in remote mute/vibration mode.

General System Functions

Shock Sensor On/Off



Hold buttons (I+III) simultaneously for 2.5 seconds to turn on and off the shock sensor. The remote will beep twice and the shock sensor icon will illuminate to confirm the shock sensor is off. The remote will beep once and the shock sensor icon will disappear to confirm the shock sensor is on.

IMPORTANT: Turning off the shock sensor also turns off the optional sensor.

Adjusting the shock sensor sensitivity is done at the actual sensor, which is generally mounted somewhere under the vehicle's dashboard. The higher the number on the dial means greater sensitivity to impact. The recommended dial setting for most vehicle's is somewhere between 2 & 4. If you are testing your sensor, please note that the shock sensor does not recognize impact for 30 seconds after the system has been armed.

Advanced System Functions

The following section reviews advanced system functions. Many of these functions require multiple steps or additional programming by your local authorized Firstech dealer to be active.

Drive Lock / Ignition Controlled Door Locks

DRIVE LOCK

Tap buttons (I+IV) simultaneously for 0.5 seconds to turn on and off drive lock (also known as ignition controlled door locks). The remote will beep once and the drive lock icon will illuminate to confirm that drive lock mode is activated. The remote will beep twice and the drive lock icon will disappear to confirm drive lock is off.

IMPORTANT: Drive lock mode requires that the dealer turn on Option 1-9. Drive lock has two settings;

Default 1: Off

Option 2: Locks the doors when the ignition is on and after the brake is depressed.

Option 3: locks the doors when the RPM's have reached two times that of idle speed (this setting requires that a tachometer wire is connected).

With both settings, the doors will unlock when the ignition is turned off. If using this feature on a manual transmission vehicle, the doors will unlock upon setting the emergency / parking brake.

Turbo Timer Mode

This feature can not be turned on with the 2 Way remote. The built in turbo timer keeps the vehicle's engine running for either 1, 2, or 4 minutes (programmable from dealer) after the vehicle key has been removed from the ignition. This feature will keep oil running through the turbo system to allow for appropriate cooling time. Tap buttons (III+IV) simultaneously for 0.5 seconds to turn turbo mode on or off. The remote will beep once and the turbo icon will illuminate to confirm that turbo mode is activated. The remote will beep twice and icon will disappear to confirm turbo mode is off.

IMPORTANT: To utilize this feature, the emergency / parking brake wire must be connected to the Firstech system. Consult your local authorized dealer for installation.

Advanced System Functions

2nd Car Mode (Multiple Vehicle Control)



Most 2 Way remotes have the ability to operate a 2nd vehicle. Hold buttons (III+IV) for 2.5 seconds to activate this feature. The remote will beep once and the 2nd car icon will illuminate to confirm that 2nd car mode is activated. The remote will beep twice and the icon will disappear to confirm 2nd car mode is off.

IMPORTANT: 2nd car mode requires the remote to be programmed to a 2nd vehicle that is equipped with the same system.

Car Call / RPS (Remote Paging Sensor)



The RPS is an optional feature. The car call/RPS feature uses a remote paging sensor that is designed to be mounted on the inside of the windshield. After the RPS has been triggered, the car call icon will illuminate and the remote will ring several times if the remote is in range to receive commands. To trigger the car call or RPS sensor, you must knock on the windshield in front of the RPS at least two times. The switch on the RPS will adjust paging sensitivity - the smaller the dot represents the least sensitive setting. Use a key or pen for best results. If you do not want the remote to receive pages from the RPS, follow the below steps to turn the feature off;

STEP 1: Enter remote programming mode by holding down buttons (II + III) simultaneously for 2.5 seconds. The remote will beep once and the LCD will read "Prog" to indicate that you have successfully entered programming mode.

STEP 2: Once in programming mode, you can turn the feature off by tapping button (III) for 0.5 seconds. The RPS icon will disappear. Repeat this step to turn the car call feature back on.

STEP 3: Exit remote programming by holding down buttons (II + III) simultaneously for 2.5 seconds. The remote will beep three times indicating that you have successfully exited programming. The car call icon will no longer be illuminated on the LCD indicating that the remote is not in car call mode.

Advanced System Functions

RPS (Remote Paging Sensor) Unlock / Disarm

The RPS is an optional feature. Basic RPS and car call functions do not require programming, however in order for the sensor to unlock/disarm the vehicle you must perform the following procedures;

STEP 1: Disarm/unlock the alarm (remote must be programmed first) and choose a 4 digit code. You can not have zeros.

STEP 2: Turn ignition key to the "on" position and leave the driver's door open.

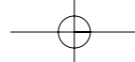
STEP 3: Knock on the windshield in front of the RPS a total of 10 times (each time you knock the LED on the RPS will flash RED). The LED will begin to flash rapidly in BLUE with successful completion of this step.

STEP 4: Enter the first digit of the desired four digit pass code by knocking on the windshield in front of the RPS the desired number of times. For example, to enter 3, knock on the sensor 3 times (each time you knock the LED will flash RED) then wait.

STEP 5: The LED on the RPS will confirm your first number by flashing BLUE slowly. Once the LED begins to flash rapidly in BLUE, enter your second number by repeating step 4.

STEP 6: Repeat steps 4 & 5 to enter all four numbers.

STEP 7: Turn the ignition OFF - the RPS disarm/unlock feature is now programmed. Follow steps 3 - 5 to enter your disarm/unlock code.



Advanced System Functions

Secure Valet Switch

The optional Secure Valet Switch prevents the alarm from being put into valet mode through cycling the ignition on/off five times. The Secure Valet Switch is more secure than traditional toggle / valet switches because it requires a two digit code.

IMPORTANT: The first two digits of the RPS unlock/disarm pass code will be the default pass code for the secure valet - you do not need to program them independently. If you are not using the RPS unlock, following the below procedures to program your secure valet pass code;

STEP 1: Turn on Option 3-10-III. (Dealer programmed option)

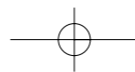
STEP 2: Turn ignition key to the “on” position.

STEP 3: Hold down the valet switch for 1.5 seconds. The LED on the valet switch will begin to flash rapidly with successful completion of this step.

STEP 4: Enter the first digit of the desired two digit pass code by depressing the switch the number of times that coordinates with the desired first number. For example, to enter 3, depress the switch 3 times, then wait.

STEP 5: The LED will confirm the first number by flashing BLUE slowly. Once the LED begins to flash rapidly, enter your second number by repeating step 4.

STEP 6: Turn the ignition off - the Secure Valet Switch is now programmed. Follow steps 3 - 5 to enter your Secure Valet code.



Advanced System Functions

Timer Start Mode

TIMER

Timer start mode is used to cool or warm the vehicle automatically without use of the key or the remote. While engaged, timer start will activate even while the remote is out of range. Tap buttons (II+IV) simultaneously for 0.5 seconds to activate timer start mode. The remote will beep once and the timer start icon will illuminate just above the clock icon. Repeat the same step to turn off timer start mode. Timer start mode will be cancelled any time the vehicle is started manually or remotely. To change from the default setting to optional settings, see your place of purchase.

To program a specified start time, used for Option 3, perform the following steps;

STEP 1: Enter remote programming mode by holding down buttons (II + III) simultaneously for 2.5 seconds. The remote will beep once and the LCD will read “Prog” to indicate that you have successfully entered programming mode.

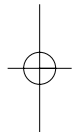


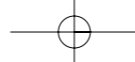
STEP 2 (Pro Remotes): Scroll through the remote options by taping button (IV) for 0.5 seconds. To set the timer start time tap button (IV) one time, or until the timer and the exhaust icons are flashing.

STEP 2 (Non Pro Remotes): Tap button (II) for 0.5 seconds. The Timer icon and clock will flash. To set the timer start time tap button (I) once.

STEP 3: Once the timer and clock icons are flashing, set the desired start time by tapping button (I) for 0.5 seconds to adjust the hour and button (II) for 0.5 seconds to adjust the minute.

STEP 4: Exit remote programming by holding down buttons (II + III) simultaneously for 2.5 seconds. The remote will beep three times indicating that you have successfully exited programming. Remember, after you set the time, you must be in timer mode before the vehicle will start. Tap buttons (II+IV) simultaneously for 0.5 seconds to activate timer start mode. The remote will beep once and the timer icon will illuminate just above the clock icon.





Advanced System Functions

Cold / Hot Start Mode

Cold/hot start mode works in conjunction with timer start mode (see above) and the temperature sensor. It allows you to configure your timer start feature to check the vehicle's temperature prior to starting. All of these options require programming from your local dealer.

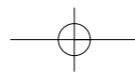
Auto Mode

Auto Mode is only available in certain markets and is not available in the U.S. When the system is in Auto Mode, the system will detect the remote as you walk up to your vehicle and automatically unlock/disarm. The system will also detect the remote as you walk away from your vehicle and automatically lock/arm. Hold down button (I) for 2.5 seconds to activate Auto Mode. The remote will beep once and the auto icon will illuminate.

If you would like to increase the Auto Mode range, which will cause the system to unlock/disarm and lock/arm at a greater distance from the vehicle, simply hold down button (I) a second time for 2.5 seconds. The Auto Mode icon will now flash to indicate you have increased the Auto sensing range.

IMPORTANT: If you find that you are on the border of range between your remote and vehicle and your system is continually unlocking/disarming or locking/arming, you will want to turn Auto Mode off or engage the third optional setting. While in the third setting, the system will only unlock/disarm or lock/arm twice within a two minute period. Hold down button (I) a third time for 2.5 seconds to turn on the third setting. The Auto Mode icon will now flash rapidly to indicate you are in the third setting.

Turn Auto Mode off by holding down button (I) a fourth time for 2.5 seconds. The remote will beep twice and the Auto Mode icon will disappear.



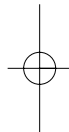
Advanced System Functions

Anti Jacking Mode

Your system has a mode that requires you to keep your remote separate from your key chain. This feature also requires additional labor. Please consult your installer for more details. The Anti Jacking mode allows you to safely disable your vehicle once a thief has driven off with your property. If you are car jacked and still have your remote, you can panic the system by holding button IV down for 4 seconds. The siren will sound for 30 seconds and the vehicle will shut down.

More Optional Sensors

If you purchased an Alarm or Alarm and Remote Start system you have the ability to add optional sensors from Firstech, LLC. You have the ability to protect your investment by adding a battery back up system to protect main power to your alarm or a tilt sensor to protect expensive rims and tires.



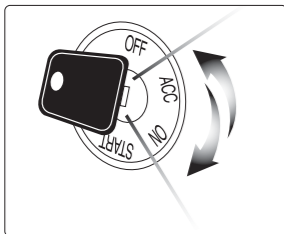
Remote Coding / Programming Routine (S)

IMPORTANT: Every Firsttech remote must be coded to the system prior to performing any operations. All remotes must be coded at the same time.
Programming 2 Way 4 Button Remotes:

Programming : 2 W 4 Button Remotes:

STEP 1: Activate Valet/Programming mode by manually turning the ignition key on and off (between the Acc & On positions) five times within 7 seconds. The vehicle's parking lights will flash once with the successful completion of this step.

STEP 2: Within 2 seconds after cycling the ignition for the 5th time, press button (I) on **2 way remotes** or the (lock) button on **1 way remotes** for 0.5 seconds. The parking lights will flash once to confirm the transmitter has been coded.



Exiting Programming: Programming is a timed sequence. The parking lights will flash twice signaling the end of programming mode.

Programming Multiple Remotes: After the confirmation flash given in step 2, code additional remotes by pressing button (I) on **2 way remotes** or the (lock) button on **1 way remotes**. The parking lights will flash once confirming each additional remote. All systems (except the P2WSSR), can recognize up to three remotes.

Remote Start Error Diagnostic

If the remote start fails to start the vehicle, the parking lights will flash three times immediately. Following those three flashes the parking lights will flash again corresponding to the error table.

Number of Parking Light Flashes	Remote Start Error
1	Motor running
2	Key in ignition on position
3	Door open (manual transmission only)
4	Trunk open
5	Foot brake on
6	Hood open
7	Reservation off (manual transmission only)
8	Tach or voltage sensing failure

We recommend that you do not attempt any repairs on your remote starter. Contact your dealer or call us directly.

Alarm Diagnostic

While the alarm is armed, the LED will blink slowly. While the siren is going off, the LED will indicate the specific zone that was triggered.

Priority	Situation	LED On Duty
1	Door/Hood/Trunk/Key Triggered	2 flash, rest, then repeat
2	2 nd Shock Triggered	3 flash, rest, then repeat
3	Optional Sensor Triggered	4 flash, rest, then repeat
4	PANIC	5 flash, rest, then repeat

Upon disarming the alarm after it has been triggered, the amount of siren chirps will indicate the specific zone.

# of Chirps	Situation
4	Option Sensor Triggered
5	2 nd Shock Triggered
6	Door/Hood/Trunk/Key Triggered

Limited Lifetime Warranty

Firstech, LLC Warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of time that the original owner of this product owns the vehicle in which it is installed; except that the remote controller unit for the period of one year from the date of installation to the original owner of this product. When the original purchaser returns the product to the retail store where it was purchased or prepaid postal to Firstech, LLC., **21911 68th Avenue South, Kent, WA 98032**, USA within the warranty period, and if the product is defective, Firstech, LLC, will at its option repair or replace such.

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 OF 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 DESCRIBED 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.

Firstech, LLC. is not 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 that may or may not result from the operation of Compustar. NOT WITH STANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

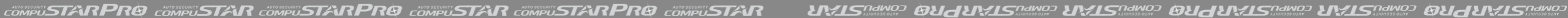
Your Warranty

The product's warranty is automatically void if the date code or serial number is defaced, missing or altered. This warranty will not be valid unless you have completed the registration card at www.compustar.com within 10 days of purchase.

8102REUSC000702 / CS-2WLCD-ES

By Firstech LLC Version 1.0

By Firstech, LLC.
Toll Free : 888-820-3690
21911 68th Ave S
Kent, WA 98032



By Firstech, LLC.

Toll Free : 888-820-3690
21911 68th Ave S
Kent, WA 98032

By Firstech LLC Version 1.0

8102REUSC000702 / CS-2WLCD-ES