



# User Manual

By Firstech LLC, Version: 1.0

Applicable to the following remote(s);

2WT11R-SS 2 Way 5 Button LCD Remote

**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.

(2) This device may accept any interference received, including interference that may cause undesired operation.

**CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

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## Introduction

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Thank you for purchasing a Firstech system for your vehicle. Please take a minute to review this entire manual. Note that this manual applies to the 2 Way 5 Button Liquid Crystal Display Remote (2WT11R-SS) whether you purchased the ALARM IT, START IT, or MAX IT system. This manual also supports the 1WG8R-SS remote that is included with your RF Kit. There are certain features listed in this manual that may not be available for your system. There may also be features listed in this manual that require additional installation or programming before they are active.

If you have any questions or concerns please contact the original place of purchase. For further information you may also contact our customer support center at 888-820-3690.

## Warranty Coverage

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**Caution:** The Manufacturer's warranty will be voided if this product is installed by anyone other than an Authorized Firstech dealer. For complete warranty details visit [www.compustar.com](http://www.compustar.com) or the last page of this manual. Firstech remotes carry a 1 year warranty from original date of purchase. Compustar Pro 2WT11R-SS remote carries a 3 year warranty.

Warranty registration can be completed online by visiting [www.compustar.com](http://www.compustar.com). Please complete the registration form within 10 days of purchase. We do not include a mail in warranty registration card with each unit – registration must be done online. To verify that an authorized dealer installed your system, we highly recommend that you keep a copy of the original proof of purchase, such as the dealer invoice in a safe place.

Remote Image



Charge port



## Quick Reference

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### Button Lock

The 2WT11R-SS comes equipped with button lock. This requires you to tap any button to wake your remote up then tap the button for the function you are trying to activate. Button lock can be turned off in your remote's option menu.

### Valet Mode

When servicing or loaning your vehicle to others, the system should be placed in Valet Mode. Valet Mode prevents the system from remote starting and disables all alarm functions. **IMPORTANT:** While in Valet mode the remote will still control power lock and unlock systems. The parking lights will not flash.

**The system can be put into valet one of three ways:**

1. While holding the foot brake, cycle the key to the Ignition or 'On' position and then back to the 'Off' position 5 times within 10 seconds. The parking lights will flash once indicating that the system has entered Valet Mode. **ZZzz**

2. Turn the vehicle's key to the ignition "on" position, tap the Function **F** button 3 times, and finally tap the Lock **L** button. The parking lights will flash once, the remote will read "Valet On" and Z's will show on the LCD above the vehicle's hood to confirm valet mode. Repeat this process to exit valet mode. The parking lights will flash twice, remote read "Valet Off" and Z's will disappear confirming valet mode is disabled.

3. Turn the key to the Ignition or 'On' position then using a 4 button remote press and release the lock and trunk buttons together simultaneously for a half second. The vehicle parking lights will flash 1 time to indicate the system has successfully entered valet mode.

### Remote Maintenance – Battery Charging

The 2WT11R-SS comes with a rechargeable battery. Use the included power adapter and micro USB cable to charge your remote.



#### 2WT11R-SS:

First, locate the micro USB port on the top of your remote. Connect your micro USB cable to the power adapter and plug into wall outlet. The LED on the front of the remote will flash red showing that your remote is charging. The LED will change to solid blue when charging is complete. This should take approximately 2 hours.

#### 1WG8R-SS:

Locate the small indent on the side of your remote. Use a small flat tip screw driver or flat plastic tool to pop open your remote. Gently pull the remote apart taking care to not damage the circuit board. Your battery size will be listed on the back of the remote. Replacements can be purchased from your local Compustar dealer or an electronics store.

### Programming the Clock

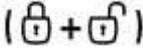
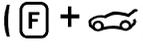
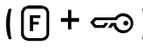
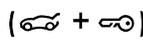
**STEP 1:** Enter remote programming mode by holding the Trunk and Start/Stop buttons  for 2.5 seconds. The remote will beep and the LCD read "Remote Menu" to indicate that you have successfully entered programming mode.

**STEP 2:** After entering programming mode the time icon will flash indicating the current time. Adjust the time settings by tapping the Lock  button to change the hour and Unlock  button to adjust the minute.

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**STEP 3:** Once the time has been set, exit remote programming by holding down the Trunk and Start/Stop  buttons for 2.5 seconds. The remote will beep indicating that you have successfully exited programming mode.

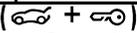
## 2 Way Remote Button Functions

Button	Duration	LCD Readout	Function / Description
	half second	LOCK ARM	Locks doors and if equipped, arms the alarm.
	4 seconds	PANIC	Panic/vehicle locator (flashes vehicle's parking lights and sounds siren and horn).
	half second	UNLOCK DISARM	Unlocks doors and if equipped, disarms the alarm.
	double tap	TIME AND REMOTE VOLTAGE	Tapping this button twice will show the clock followed by the remote's battery voltage.
	2.5 seconds	TRUNK OPEN	Trunk release. Triggers the trunk release output and opens the vehicle's trunk.
	half second	TEMPERATURE AND VEHICLE VOLTAGE	Car Check (updates vehicle status on remote pager) / Secure Auxiliary / Temperature Display / Vehicle Voltage Display
	double tap	EXTEND	Run time extender. Resets the run time for Turbo Timer or Remote Start.
	2.5 seconds	REMOTE START	Holding this button will start your vehicle. Repeat and this will shut your vehicle down.
	This button activates and deactivates multiple features. See the Function Button Menu table below for complete details.		
	Tap this button to wake the screen. Hold this button for 2 seconds to mute your remote. Hold for 2 seconds to unmute. If enabled, tap this button to enable sliding doors via Auxiliary 1 and 2 then double tap Lock or Unlock to activate.		
	half second	SIREN ON / SIREN OFF	Turns siren chirps on/off (Note: With the siren chirps off, it will still sound in the event the alarm is triggered). This feature must first be programmed by your installer.
	2.5 seconds	SHOCK ON / SHOCK OFF	Turns the shock sensor on/off. (ALARM IT or MAX IT systems only)
	2.5 seconds		Option programming menu 1. For use during installation.
	2.5 seconds		Option programming menu 2. For use during installation.
	2.5 seconds	<b>*See Remote Option Menu Table</b>	Accesses Remote Option Menu (clock, reservation time start, vibrate mode, RPS on/off, etc) See Remote Option Menu Table for details.

## Function Button Menu

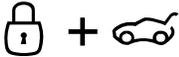
	Then Press					Hold For 2.5 Seconds	Hold For 2.5 Seconds
1x		Drive Lock On/Off	Turbo Timer On/Off	Auxiliary 1	Auxiliary 2	Auxiliary 3	Auxiliary 4
2x		2 <sup>nd</sup> Car Mode On/Off	Timer Start On/Off	Auxiliary 5	Auxiliary 6	Auxiliary 7	
3x		Valet Mode On/Off	Passive Mode On/Off				

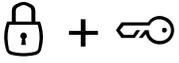
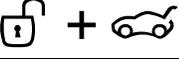
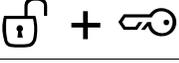
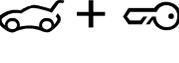
## Remote Option Menu Table

Feature	LCD Readout	Lock Button	Unlock Button	Function / Description
Enter Remote Menu		 2.5 Seconds		Enter and Exit the Remote Option Menu
Scroll Through Menu		Tap the Function Button		Moves down the Remote Option Menu
Scroll Up Menu		Tap the Key/Start Button		Moves back up the Remote Option Menu
Time	12:00PM	Adjusts Hour	Adjusts Minute	Sets the time on your remote.
Remote Start Time	7:10AM	Adjusts Hour	Adjusts Minute	Sets the time at which you want your vehicle to start every day. Check with your installer for additional info
Alarm Clock Time	6:00AM	Adjusts Hour	Adjusts Minute	Sets the time in which you would like the remote's alarm clock to alert you.
Alarm On/Off		Turns Feature On or Off		This feature turns the alarm clock on or off. It does not affect the time at which your alarm clock is set for.
Button Lock		Sets Feature Auto or Manual		Turns the automatic button lock feature on or off on your remote. If on then you must tap a button to wake your remote up. Then hit the function you would like to trigger.
RPS Call On/Off	Call	Turns Feature On or Off		Turns your RPS Touch paging feature on or off.
Silent	Vibrate	Turns Feature On or Off		Turns the silent mode on or off.

Volume	VOL:	1-3		Adjust the volume of your remote. 1 is the lowest. 3 is the highest.
Temperature	Temp	F or C		Changes the temperature readout from Fahrenheit to Celsius.
Auxiliary	AUX	Turns Feature On or Off		Turns your Auxiliary Extender feature on or off.
Sliding Doors	Sliding Door	Turns Feature On or Off		Allows you to use the Lock and Unlock buttons for sliding doors via Aux 1 and 2.
2 Way Paging Display	Paging	Full of Half		Sets your remote for Alarm or Starter Only systems. Set to FULL for ALARM IT and MAX IT features. Set to HALF for START IT ONLY systems.
Screen Timeout	Screen	Adjusts screen off time		Adjusts the time your LCD will stay on after a button is pressed.
Language	English / Francais / Espanol	Adjusts Language		Changes LCD display language from English to French or Spanish.

## 1 Way Remote Button Functions

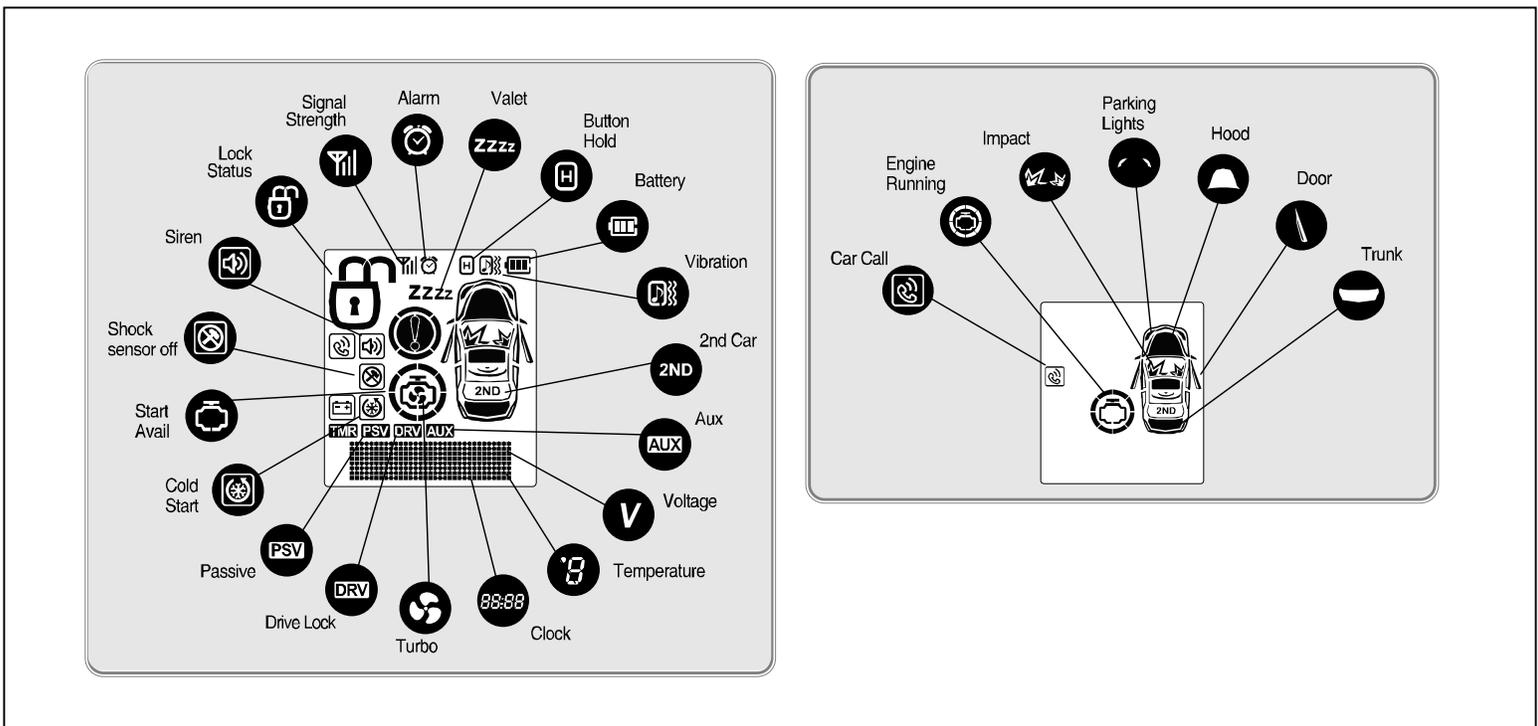
Button	Duration	Additional Programming Required	Function / Description
	Half second	no	Locks doors and/or arms alarm.
	3.5 seconds	no	Panic/vehicle locator (flashes vehicle's parking lights and sounds siren and horn).
	Half second	no	Unlocks doors and/or disarms alarm.
	Half second	no	Aux 1. Triggers the auxiliary 1 output (most commonly used for rear defrost or window roll-down).
	2.5 seconds	no	Trunk release. Triggers the trunk release output and opens the vehicle's trunk.
	Half second	no	Aux 2. Triggers the auxiliary 2 output (most commonly used for rear defrost or window roll-down).
	2.5 seconds	no	Activates the remote start. Repeat and remote start will shut off.
	Half second	no	Turns siren chirps on/off (Note: With the siren chirps off, it will still sound in the event the alarm is triggered).
	2.5 seconds	no	Option programming menu 1 - Installers Only.
	Half second	no	Valet Mode (see Valet Mode Section for details)
	2.5 seconds	no	Turns the shock sensor on/off. (Alarm or Alarm/Starter systems only)

	Half second	yes	Drive lock. Activates ignition controlled door locks.
	2.5 seconds	no	Option programming menu 2 - Installers Only.
	Half second	no	Activates passive arming (vehicle will arm/lock 30 seconds after the vehicle is disarmed)
	Half second	yes	Activates timer start mode. Timer start mode has multiple programmable settings: duration settings, temperature settings and self start settings.
	Half second	yes	Activates the built in Turbo Timer function. Additional installation is required when using this feature on automatic transmission vehicles.
	2.5 seconds	no	Car Check (updates vehicle status on remote pager) / Secure Auxiliary

If you would like additional information on the functionality of your 1 Way companion remote, please visit the support page at [www.compustar.com](http://www.compustar.com) to download the full 1 Way 4 Button user's manual.

## Remote LCD (liquid crystal display) Diagram and Icons

Your remote pager will indicate the status of your vehicle while in range. The unique LCD design will visually display such icons as lock/unlock status, remote start confirmation and remaining run-time, impact/shock notification, battery voltage, temperature display and much more.



## Common Icons –



### Lock/Arm – Unlock/Disarm

This icon indicates whether the system is locked/armed or unlocked/disarmed. While armed, the system will monitor the doors, trunk, hood, shock sensor, and aux inputs. If any of these inputs are triggered while the system is armed, the alarm will be triggered.



### Trunk Release

This icon will be displayed when the trunk release function has been activated. By default, the system will be disarmed and the doors will unlock before the trunk is released.



### Signal Strength

This icon is displayed if the last communication to the vehicle was successful.

### Valet Mode



This icon will be displayed while you are in Valet mode. While in valet mode, the system will not perform any functions other than lock and unlock. The alarm will not arm or disarm while locking or unlocking. If any other function is attempted, "Sleep" will be displayed. The system will not monitor the alarm triggers while in Valet mode.



### Battery Indicator

This icon displays the remaining battery life left in 33% increments.



### Clock

Displays current time, remote start runtime, turbo mode time remaining, inside temperature of the vehicle, battery voltage of the vehicle, battery voltage of the remote and failure of signal transfer.

\*The above LCD layout and icons may vary slightly from the actual layout and icons displayed on your remote pager.

## Starter Icons –



### Engine Running

This icon will be displayed while the vehicle is running after it has been remote started.



### Start Availability

This icon will be displayed when the vehicle is ready to be remote-started. If this icon is not displayed, you will not be able to remote-start the vehicle.



### Timer Mode

This icon will be displayed when Timer mode is active. Timer mode can be set up to start the vehicle every 1.5, 3, or once every 24 hours.



### Cold/Hot Start

This icon will be displayed if Cold Start mode is currently active. Cold Start mode will start the vehicle if the vehicle reaches a preset hot or cold temperature. These temperatures can be adjusted by the installer.

## Alarm Icons –



### Siren

This icon will be displayed if the siren is turned on. Turning the siren off only applies to the chirps when arming, disarming, or remote-starting. The siren will still sound if the alarm is triggered.



### Hood

This icon will be displayed if the hood is opened while the system is armed. The remote will beep rapidly while displaying this icon. This means that the alarm was triggered. If this icon appears while trying to remote-start the vehicle, it means that the vehicle will not start because the hood is open.



### Impact

This icon will be displayed if an impact to the vehicle is detected while the system is armed. The remote will beep rapidly while displaying this icon if the impact is hard; this means that the alarm was triggered. If it beeps slowly while displaying this icon, that means that the impact was soft and that the alarm simply gave four warning chirps.



### Door

This icon will be displayed if the door is opened while the system is armed. The remote will beep rapidly while displaying this icon. This means that the alarm was triggered. If this icon appears while trying to remote-start the vehicle, it means that the vehicle will not start because the door is open.



### Trunk

This icon will be displayed if the trunk is opened while the system is armed. The remote will beep rapidly while displaying this icon. This means that the alarm was triggered. If this icon appears while trying to remote-start the vehicle, it means that the vehicle will not start because the trunk is open.



### Car Call

This icon will be displayed while someone is attempting to contact you using the RPS sensor. To trigger the RPS sensor, you must knock on the windshield where the sensor is located. Something that creates a higher pitch, like a key, is better suited to trigger the RPS.

## Advanced Icons –

### Passive Mode



This icon will be displayed if Passive mode is currently active. Passive mode will automatically arm the system 30 seconds after the last door is closed or 30 seconds after the system was disarmed if no door was opened. This mode is ignored while the ignition is on with the key.

### Drive Lock



This icon will be displayed if Drive Lock mode is currently active. Drive Lock mode will lock the doors automatically if the ignition is on and the brake is pressed or if the ignition is on and the engine exceeds the idle RPM multiplied by 2, depending on the options set by the installer. The doors will be unlocked when the ignition is turned off. In a manual transmission vehicle the doors will unlock when the emergency brake is set.



### Turbo Mode

This icon will be displayed if Turbo mode is currently active. While Turbo mode is active, the vehicle will remain running for a preset time after the emergency brake has been set and the key has been removed from the ignition.

### 2<sup>nd</sup> Car Mode



This will be displayed while you are in 2<sup>nd</sup> Car mode. 2<sup>nd</sup> Car mode allows you to control another vehicle with the same system installed in it. The remote needs to be coded to the other vehicle in 2<sup>nd</sup> Car mode for this feature to work.



### Vibration

This icon will be displayed if the remote is set to vibrate only. While the remote is set to vibrate only the remote will not beep, even if the alarm is triggered. The remote will still vibrate in this mode.



### Alarm Clock

This icon will be displayed if the Alarm Clock function is turned on. When the clock reaches the preset time, the remote will beep and flash the alarm clock icon. Press the Key/Start button for a half sec. to silence the remote.



### Shock Sensor Bypassed

This icon will be displayed when the shock sensor is bypassed by holding the Lock and Unlock buttons <insert icon> for 2.5 sec. Impact to the vehicle will not be detected at this time. This icon is always displayed on starter only systems because there is no shock sensor.



### Aux Mode (Alarm or alarm/starter systems only.)

This icon will be displayed while you are in Aux mode. During this time, you can activate auxiliary outputs 1 or 2 by pressing Function button then Trunk or Function button then Key/Start . Aux outputs can be used to activate various systems or functions in a vehicle.



### Voltage

This icon will be displayed while the remote is reporting the voltage of the vehicle or remote battery.



### Temperature

This icon will be displayed while the remote is reporting the temperature of the vehicle.

## General Features

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The remote transmitter functions are predetermined and programmed from the factory. The five button configuration allows for many functions to be performed through a series of tapping and/or holding buttons.

### Sending Commands

When in range and a command has been sent, the remote pager backlight will illuminate, the remote will beep and the appropriate icon will be displayed. For example, to send a remote start command from the pager, hold the Key/Start  button for 2.5 seconds. The backlight will illuminate and the remote will beep and the text "Remote Start" will flash on the screen, confirming that the command has been sent and the remote is in range. Once the vehicle has successfully remote started, the remote will receive a confirmation indicating the vehicle is running.

### Receiving Commands

The remote pager will receive commands indicating the status of the vehicle, confirmation of sending commands and alarm notifications. For example, after pressing the lock button, the lock icon will update confirming the vehicle has been successfully locked/armed. To see if your pager is in range, tap the Key/Start  button for a half second – if the pager backlight illuminates and beeps, the pager is in range. The temperature in the vehicle will also display.

### Active Lock/Arm and Unlock/Disarm

Tap the Lock  button for a half second to lock/arm your vehicle. Tap the Unlock  button to unlock/disarm your vehicle. If equipped, this will also activate your starter kill and anti grind feature. You will not be able to start your vehicle with the key until unlock/disarm.



**IMPORTANT: If your alarm has been triggered (Siren is sounding, parking lights flashing, and/or horn honking), you must wait until your 2 Way remote has been paged before disarming. The first unlock button tap will shut off the alarm. The second will unlock/disarm the system.**

### Passive Lock/Arm

The system can be configured to passively lock and arm the vehicle. Put the system in passive by tapping the Function  button three times and then tapping the Unlock  button. "PASSIVE ARMING ON" will flash across the screen and Passive icon will illuminate indicating that your vehicle is in passive lock and arming mode. Repeat the above procedure to turn Passive Mode off.



While in passive mode, the system will lock and arm the alarm 30 seconds after the last door is closed. As an indicator that the vehicle is going to passively lock and arm, the remote and siren will chirp once and the parking lights will flash once at both 10 and 20 seconds prior to passively locking and arming. If you want the system to passively arm and not passively lock, ask your local Firstech dealer to configure this setting.

### Automatic Transmission Remote Start Function

Hold the Key/Start  button for 2.5 seconds to remote start an automatic transmission vehicle. If you are in range and vehicle is ready to start, the remote will beep once and the backlight will light up indicating that the remote start command has been successfully transmitted.



If you are in range and the remote beeps three times, displays "START ERR – 01 through 10" you have a remote start error. Refer to the "remote start error diagnostic" on the last page of this manual for details.

Upon remote start confirmation, the engine icon will have a rotating circle, highlight the vehicle on your remote and the clock icon will begin to show the amount of run time remaining. The remote start run time can be programmed for 3, 15, 25, or 45 minutes – ask your local Firstech dealer to adjust your remote start run time.

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**IMPORTANT:** Your vehicle's key must be inserted into the ignition and turned to the "on" position prior to driving your vehicle. If the foot brake is pressed prior to the key in the "on" position, the vehicle will shut off.

## **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.

### **IMPORANT:**

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

### **Activating Reservation Mode**

**STEP 1:** While the vehicle is running, place the transmission in neutral, set the emergency / parking brake, and remove pressure from the foot brake.

**STEP 2:** 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 Firstech dealer for service.

**STEP 3:** Exit the vehicle and close the door. The vehicle's doors will lock/arm and then engine will shut down. 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 Firstech 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.

### **Cancelling Reservation Mode**

Reservation mode will be cancelled for the following reasons;

- The FT-DAS is not installed and/or configured correctly.
- 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 vehicle's door, hood, trunk or set off the alarm.

## Reservation Mode Settings

Reservation mode settings can be programmed by your authorized Firstech dealer.

**Option 1:** Locks doors before Reservation Mode is set.

**Option 2:** Hold Key/Start button to initiate Reservation Mode.

**Option 3:** 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.

**Option 4:** Locks doors after Reservation Mode is set.

## Trunk Release

Hold the Trunk button  for 2.5 seconds to release the trunk or hatch. If you are in range, the remote will beep twice, trunk icon illuminate and "Trunk Open" will scroll across the screen 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.

## 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 different times. Your authorized Firstech dealer can set these outputs up accordingly. Auxiliary controlled features will require additional parts and labor.

Tap the Function  button for a half second followed by the Trunk button  to trigger auxiliary output 1. Tap the Function  button for a half second followed by the Key/Start  button to trigger auxiliary output 2. The remote will beep once, parking lights flash, and "AUX 1 or AUX 2" will scroll across the screen, indicating that the auxiliary output(s) have been triggered. 

By default, the system is in secure auxiliary mode, which requires you to tap the Key/Start button  for a half second 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 *11*.

## Temperature and Battery Query

When in range of your vehicle, the remote will display the vehicle's temperature and battery voltage upon tapping the Key/Start button . The temperature will be displayed after tapping the Key/Start button  for a half second. Tap the Key/Start button  a second time within four seconds to display the vehicle's battery voltage. 

If you tap the Key/Start button  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 Key/Start button  and the remote reads "FAIL" then your temperature sensor is not installed or may be malfunctioning.

## 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 the Lock  and Unlock  buttons simultaneously for a half second. When the siren is muted, the siren icon will no longer be displayed on the LCD. **IMPORTANT:** Your system must be programmed by your installer before this is available. Even when the siren is muted, it will still go off in the event the alarm is triggered. 

## Remote Mute/Vibration Mode

To mute your remote, you must turn on vibration mode. There are two ways to enter vibration mode.



**METHOD 1:** Hold the small, unmarked button between the Lock and Unlock (  +  ) buttons for 2.5 seconds. “Vibrate” will flash on the remote’s LCD. Your remote will also vibrate once, confirming that you are now in vibration mode.

**METHOD 2: STEP 1:** Enter remote programming mode by holding the Trunk and Key/Start  simultaneously for 2.5 seconds. The remote will beep and the text “Remote Menu” will flash on the remote, indicating that you have successfully entered programming mode.

**STEP 2:** Scroll through the remote options by tapping Function  or Key/Start  button. Once the LCD reads “Vibrate,” tap the Lock button  to turn this feature on. The LCD will display “On” or “Off.”

**STEP 3:** Repeat Step 1 to exit remote programming. The remote will beep 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.

## Shock Sensor On/Off

Hold the Lock and Unlock buttons (  +  ) simultaneously for 2.5 seconds to turn the shock sensor on and off. The remote will beep twice, “Shock Off” will scroll across the screen and the shock sensor icon will illuminate to confirm the shock sensor is off. The remote will beep once, “Shock On” will scroll across the screen and the shock sensor icon will disappear to confirm the shock sensor is on. **IMPORTANT:** Turning off the shock sensor also turns off any optional sensors.



## FT-DAS

**STEP 1:** Turn the ignition to the ‘on’ position.

**STEP 2:** 2 Way remotes-hold buttons 1 and 2 (Lock and Unlock) for 2.5 seconds. You will get two parking light flashes. 1 Way remotes-hold Lock and Unlock for 2.5 seconds. You will get two parking light flashes.

**STEP 3:** To set the Warn Away Zone 1, tap button 1. (1 Way: Lock) After you get one parking light flash, tap the vehicle. You will get siren chirps 1-most sensitive through 10-least sensitive. This sets the impact sensitivity of Warn Away Zone 1. **Setting Zone 1 will automatically set Zone 2. If you would like to manually set Zone 2 proceed:**

To set Instant Trigger Zone 2, tap button 2. (1 Way: Unlock) After you get two parking light flashes, tap the vehicle. You will get siren chirps 1-lowest through 10-highest. This sets the impact sensitivity of Instant Trigger Zone 2.

**STEP 4:** Once you get two parking light flashes, you are ready to test your DAS.

## FT-Shock

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 vehicles 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 Features

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

### Drive Lock/Ignition Controlled Door Locks

Tap the Function button  once followed by the Lock button  to turn the Drive Lock on and off. (also known as ignition controlled door locks) The remote will beep once, “Drive Lock On” will scroll across the screen, and the  icon will illuminate to confirm that drive lock mode is activated. The remote will beep twice, “Drive Lock Off” will scroll across the screen, and the drive lock icon will disappear to confirm drive lock is off.

**IMPORTANT:** Drive lock mode requires additional work from your authorized Firsttech dealer. 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

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 the Function button  once followed by the Unlock button  to turn turbo mode on or off. The remote will beep once, “Turbo On” will scroll across the screen, and the turbo icon inside the motor icon will illuminate to confirm that turbo mode is activated. Repeat to turn turbo timer off. The remote will beep twice, “Turbo Off” will scroll across the screen, 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 Firsttech system. Consult your local authorized dealer for installation.

### 2<sup>nd</sup> Car Mode (Multiple Vehicle Control)

Most 2 Way remotes have the ability to operate a 2<sup>nd</sup> vehicle. Tap the Function  button twice then tap the Lock button  to activate this feature. The remote will beep once, “2<sup>ND</sup> On” will scroll across the screen, and the 2<sup>nd</sup> car icon will illuminate to confirm that 2<sup>nd</sup> car mode is activated. The remote will beep twice, “2<sup>nd</sup> Off” will scroll across the screen, and the icon will disappear to confirm 2<sup>nd</sup> car mode is off. 

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

### RPS Touch and RPS (Remote Paging Sensor)

The RPS is an optional feature. The car call/RPS feature uses a small sensor that is mounted



on the inside of your windshield.

### **RPS Touch (Remote Paging Sensor)**

The new RPS touch has multiple features including: remote paging, 4 digit pin unlock/disarm, and arm/lock. All features are operated with a simple touch of the sensor.

Please have your installer program the RPS Touch controller settings.

RPS Touch and car call functions do not require programming, however in order to unlock/disarm your vehicle you must program a 4 digit passcode using the instructions below:

**STEP 1:** Choose your RPS Touch 4 digit code. '0' is not available.

**STEP 2:** Turn ignition to the 'ON' position and leave driver's door open.

**STEP 3:** Hold your finger over the 'Red Circle' icon for 2.5 seconds.

**STEP 4:** When the siren chirps and LEDs flash in a circular pattern, tap on your first number. (Hold the number for 2.5 seconds to choose 6 through 10.) After choosing your first number you will get one siren chirp and LEDs will flash in a circular pattern.

**STEP 5:** Repeat Step 4 until all four digits are set. You will get 1 siren chirp and 1 parking light flash. Repeat Steps 2 - 5 if you get 3 chirps and light flashes. Your RPS Touch is now programmed.

### **Alarm rearm and lock**

To rearm, hold your finger on the 'Red Circle' for 2.5 seconds.

### **Alarm disarm and unlock**

To disarm, hold your finger over the 'Red Circle' for 2.5 seconds. Once the LEDs start their circular pattern, enter your 4 digit code. (Refer to Step 4 above.) Two seconds after entering the 4th digit, your system will disarm.

### **2 Way LCD remote paging**

To page a 2 Way LCD remote just tap the 'Red Circle' twice.

### **Touch Panel Sensitivity**

To change touch sensitivity open the driver's door, hold the button on the back of the RPS Touch until the LEDs go out. Release button and tap again. The number of solid LEDs represent sensitivity of touch, 1 being the lowest, 5 the highest.

### **RPS Touch On or Off**

You can turn the RPS Touch off from your remote. Just follow the instructions below:

**STEP 1:** Enter remote programming mode by holding down the Trunk and Key/Start buttons  simultaneously for 2.5 seconds. The remote will beep once and the LCD will read "REMOTE MENU" indicating that you have entered programming mode.

**STEP 2 :** Scroll through the remote options by taping the Function button . Once the LCD reads “RPS-ON” tap the Lock button  to turn this feature on. The LCD will read “RPS-OFF”

**STEP 3:** Exit remote programming by holding down the Trunk and Key/Start buttons  simultaneously for 2.5 seconds. The remote will beep 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.

### **RPS (Remote Paging Sensor) Unlock/Disarm**

RPS and car call functions do not require programming, however in order to unlock/disarm your vehicle you must program a 4 digit passcode using the instructions below:

**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 5 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 passcode is now programmed. Follow steps 3 – 5 to enter your disarm/unlock code.

### **Alarm rearm and lock**

To rearm, knock on your sensor 5 times.

### **Alarm disarm and unlock**

To disarm, knock on your sensor 5 times. Wait for the Blue LEDs to flash rapidly. Follow STEP 4 and 5 above to enter your 4 digit passcode.

### **2 Way LCD remote paging**

To page a 2 Way LCD remote just knock on the RPS twice.

### **Knock Panel Sensitivity**

To change knock sensitivity, disarm the system and adjust the switch on the rear of the RPS. The larger the circle, the more sensitive the knock sensor is.

### **Timer Start Mode**

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 the Function button  twice followed by the Unlock button  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 the Trunk and Key/Start  buttons simultaneously for 2.5 seconds. The remote will beep once and the LCD will read "Remote Menu" to indicate that you have successfully entered programming mode.

**STEP 2:** Scroll through the remote options by taping Function button . Once the TMR icon, Engine icon and Clock flashes tap the Lock button  to set the hour, the Unlock button  to set the minute.

**STEP 3:** Exit remote programming by holding down the Trunk and Key/Start buttons  simultaneously for 2.5 seconds. The remote will beep 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. Remember, after you set the time, you must activate timer mode before the vehicle will start. Tap the Function button  twice followed by the Unlock button  to activate timer start mode. The remote will beep once, LCD flash "Timer Start On" and the timer icon  will illuminate just above the clock icon.

## 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.

## 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 the Lock button  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 can add additional sensors from Firstech. Protect your investment by adding a battery back up system to protect main power or a FT-DAS sensor to protect custom wheels and tires.

## Remote Coding / Programming Routine

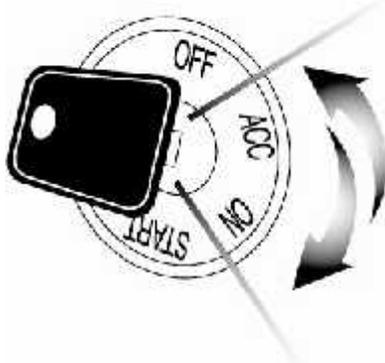
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**IMPORTANT:** Every Firstech remote must be coded to the system prior to performing any operations. All remotes must be coded at the same time.

### Programming 2 Way 4 Button Remotes:

**STEP 1:** Activate Valet/Programming mode by manually turning the ignition key *on* and *off* (between the Acc & On positions) five times within 10 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 5<sup>th</sup> time, tap the Lock button  on **2 way remotes** or the (lock) button on **1 way remotes** for a half second. 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 compatible systems can recognize up to 4 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 or must first program tach
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 tachless sensing failure
9	FT-DAS sensor shutdown
10	System is in Valet Mode

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

## Remote Start Shutdown Error Codes

If the remote start sequence has been completed and the vehicle shuts down, the vehicle's parking lights will flash 4 times, pause then flash again with the error code. Tap button 4 on 2 Way remotes to initiate the shutdown error codes. On 1 Way remotes hold the Trunk and Start buttons together for 2.5 seconds.

Number of Parking Light Flashes	Remote Start Shutdown Error
1	Lost engine sensing signal
2	Lost emergency brake signal
3	Foot brake triggered
4	Hood pin triggered

## Alarm Diagnostics

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

Priority	Situation	LED On Duty
1	Door/Hood/Trunk/Ign Triggered	2 flashes, break, then repeat
2	2 <sup>nd</sup> Shock Triggered	3 flashes, break, then repeat
3	2 <sup>nd</sup> Auxiliary Input Triggered	4 flashes, break, then repeat
4	Panic with remote	5 flashes, break, 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	Optional Sensor Triggered
5	2 <sup>nd</sup> Shock Triggered
6	Door/Hood/Trunk/Key Triggered

## Limited Lifetime Warranty

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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., 21903 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 resulted from the operation of Compustar, Compustar Pro, Arctic Start, Vizion, or NuStart. 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](http://www.compustar.com) within 10 days of purchase.