# FIRSTECH, LLC.

# User Manual

By Firstech LLC, Version: 1.0

Applicable to the following remote:

**RF-2WG15R-FM**
**RF-1WG15R-FM**

# Introduction

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 4 Button G15 LED FMX Remotes whether you purchased the ALARM IT, START IT, or MAX IT system. This manual also supports the 1 Way 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

Caution: The Manufacturer's warranty will be voided if this product is installed by anyone other than an authorized dealer. For complete warranty details visit www.firstechllc.com or the last page of this manual. Firstech remotes carry a 1 year warranty from original date of purchase.

Warranty registration can be completed online by visiting www.firstechllc.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.

# Quick Reference

## 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 tap the Lock and Trunk butons for a half second. The parking lights will flash once to confirm valet mode. Repeat this process to exit valet mode. The parking lights will flash twice 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

When the battery on your 2 Way remote is low, you will no longer receive 2 Way confirmation in areas you usually do. Your remote will only send commands to your vehicle. The LED's on your 2 Way remote will also fade after transmission. The only regular maintenance this system requires is remote control battery replacement. No programming is required when replacing the battery. If you need assistance, we recommend contacting your place of purchase.

**Two Way Remotes:**

Use a quarter or flat head screwdriver to pry open the remote. You can insert the quarter or flat head screwdriver in the small slot at the bottom of the remote by the keychain loop. Carefully pry off the back cover without damaging the circuit board. Your battery size should be listed on the sticker on the remote. (Battery size: 2 x CR2025) **IMPORTANT:** Be sure to observe correct polarity when installing the battery.

**One Way Remotes:**

Use a quarter or flat head screwdriver to pry open the remote. You can insert the quarter or flat head screwdriver in the small slot at the bottom of the remote by the keychain loop. Carefully pry off the back cover using caution that you do not damage the circuit board. Your battery size should be listed on the sticker on the remote. Battery size: 2 x CR2025) **IMPORTANT:** Be sure to observe correct polarity when installing the battery.

## 2 Way Remote Button Functions

| Button(s) | Duration | Function | LED Icons | LED Icons – 2nd Car Mode | Chirp(s) |
|---|---|---|---|---|---|
| 🔒 | Half second | Locks doors and/or arms alarm. | 🔒 | 🔒 | Once |
| | 3.5 seconds | Panic/vehicle locater (flashes vehicle's parking lights and sounds siren and horn). | | | N/A |

| Button | Duration | Function / Description | LED (orange) | LED (red) | Chirp(s) |
|---|---|---|---|---|---|
| 🔓 (Unlock) | Half second | Unlocks doors and/or disarms alarm. | 🔓 | 🔓 | Twice |
| | 2.5 seconds | Resets the run time or turbo timer | | | Three |
| 🚗 (Car) | Half second | Aux 1. Triggers the auxiliary 1 output (most commonly used for rear defrost or window roll-down). | 🚗 | 🚗 | Once |
| | 2.5 seconds | Trunk release. Triggers the trunk release output and opens the vehicle's trunk. | | | Twice |
| 🔑 (Key) | Half second | Aux 2. Triggers the auxiliary 2 output (most commonly used for rear defrost or window roll-down). | Ⓢ | Ⓢ | Once |
| | 2.5 seconds | Activates the remote start. Repeat and remote start will shut off. Will activate Stop and Go Mode if held when vehicle is running with the key. | | | Once On / Twice Off |
| (🔒 + 🔓) | Half second | Turns siren chirps on/off (Note: With the siren chirps off, it will still sound in the event the alarm is triggered). | (🔒 + 🔓) | (🔒 + 🔓) | Once On / Twice Off |
| | 2.5 seconds | Option programming menu 1 - Installers Only. | | | Once |
| (🔒 + 🚗) | Half second | Valet mode (see Valet Mode Section for details) | (🔒 + 🚗) | (🔒 + 🚗) | Once On / Twice Off |
| | 2.5 seconds | Hold these two buttons to turn your shock or FT-DAS on or off | | | Once On / Twice Off |
| (🔒 + 🔑) | Half second | Drive lock. Activates ignition controlled door locks. | (🔒 + Ⓢ) | (🔒 + Ⓢ) | Once On / Twice Off |
| | 2.5 seconds | Option programming menu 2 - Installers Only. | | | Once |
| (🔓 + 🚗) | Half second | Activates passive arming (vehicle will arm/lock 30 seconds after the vehicle is disarmed) | (🔓 + 🚗) | (🔓 + 🚗) | Once On / Twice Off |
| (🔓 + 🔑) | Half second | Activates timer start mode. Timer start mode has multiple programmable settings: duration settings, temperature settings and self start settings. | (🔓 + Ⓢ) | (🔓 + Ⓢ) | Once On / Twice Off |
| | 2.5 seconds | Puts your remote into 2nd Car Mode. You can control another vehicle with the same remote as long as it has the same RF Kit installed. | | | Once On / Twice Off |
| (🚗 + 🔑) | Half second | Activates the built in Turbo Timer function. Additional installation is required when using this feature on automatic transmission vehicle's. | (🚗 + Ⓢ) | (🚗 + Ⓢ) | Once On / Twice Off |
| | 2.5 seconds | Car Check (updates vehicle status on remote) / Secure Auxiliary | | | Twice |
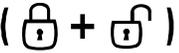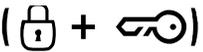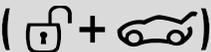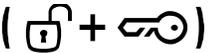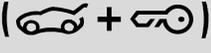
## Remote Option Menu Table

| Feature | Turns Feature On or Off | Button Duration | Remote Chirp(s) | Function / Description |
|---|---|---|---|---|
| Silent Mode | (🔓 + 🚗) | 2.5 seconds | One Off | Turns the silent mode on or off. If on, the Unlock and Trunk LED's will change to red. Repeat to turn silent mode off. The LED's will change to green. |

5

# Remote LED Functions

Your remote will communicate to and from your vehicle while in range. The unique icon LED design will display LED's indicating lock/unlock status, remote start confirmation, remaining run time and much more.

| Event | LED Icon | LED Duration | Chirp(s) |
|---|---|---|---|
| Runtime Remaining: 100 Percent | 🔒 🔓 🚗 Ⓢ | Once every 5 seconds | Five times |
| Runtime Remaining: 75 Percent | 🔓 🚗 Ⓢ | Once every 5 seconds | N/A |
| Runtime Remaining: 50 Percent | 🚗 Ⓢ | Once every 5 seconds | N/A |
| Runtime Remaining: 25 Percent | Ⓢ | Once every 5 seconds | N/A |
| All command confirmations | 🔒 🔓 🚗 Ⓢ | Once or Twice depending on function | Once or Twice depending on function |
| All error confirmations | 🔒 🔓 🚗 Ⓢ | The icon LED's will blink according to which button(s) caused the error. | Three chirps |
| Low Battery Warning | | Fade | |

# 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 locater (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 |

# General Features

The remote transmitter functions are predetermined and programmed from the factory. The four 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 will receive a page back and LED

confirmation. For example, to send a remote start command from the 2 Way remote, hold down the 📶/● button for 2.5 seconds. The remote will beep once to confirm the command has been sent and that 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 confirmation of sent commands and remote start notifications. For example, after sending the lock command, the 2 Way remote will chirp and LED's flash, confirming that the vehicle has been successfully locked/armed. To see if your 2 Way remote is in range, hold the (🚗 + 🔑) buttons for 2.5 seconds – if the remote receives an audible and visual confirmation, it is in range. **IMPORTANT:** 2 Way LED G15 FMX remotes do not receive page back alerts if an alarm is triggered only while your vehicle is remote started.

## Active Lock/Arm and Unlock/Disarm

Tap button 🔒 for a half second to lock/arm. The LED will flash on your remote. If your vehicle is locked, tap button 🔓 to unlock; if your vehicle is unlocked, tap button 🔒 to lock.

**IMPORTANT:** If the alarm has been triggered (Horn is going off), you must wait up to 5 seconds before disarming the alarm – the first 🔓 button tap will shut off the alarm and the second will unlock/disarm the system.

**IMPORTANT:  If your alarm has been triggered (Siren is sounding, parking lights flashing, and/or horn honking), you must wait until your 2 Way LCD 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 buttons ( 🔒 + 🚗 ) simultaneously for a half second. The remote will beep once and the LED's will illuminate to indicate the system is in passive lock and arming mode. Repeat this procedure to turn Passive Mode off.

**PSV**

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

## 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, there is 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 LED's will begin flashing 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 authorized dealer to adjust your remote start run time.

**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 turning the key to 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 <u>must</u> 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 not be functioning properly. Discontinue use of the remote start feature and take your vehicle to a local authorized Firstech dealer for service.

When the vehicle shuts off, your system is in reservation mode and 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 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 button ⬤ for 2.5 seconds to release the trunk or hatch. If you are in range, the remote will beep twice and the LED's will flash, 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 pulsed, timed or latched settings. Your authorized 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.

Tap button ⬤ for a half second to trigger auxiliary output 1. Tap button ⬤ for a half **AUX** second to trigger auxiliary output 2. The vehicle's parking lights will flash once and/or siren chirp once indicating that the auxiliary outputs have been triggered.

By default, the system is in Secure Auxiliary Mode, which requires you to hold buttons ( ⬤ + ⬤ ) for 2.5 seconds prior to triggering auxiliary 1 or 2. To turn off secure auxiliary, please contact your authorized Firstech dealer.
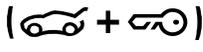
## Silent Arm/Disarm

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. **IMPORTANT:** Your system must be programmed by your installer before this is available. Even when the siren is muted, it will still sound if the alarm is triggered.

## Shock Sensor On/Off

Hold the Lock and Trunk buttons ( 🔒 + 🚗 ) simultaneously for 2.5 seconds to turn the shock sensor on and off. The remote will beep twice to confirm the shock sensor is off. The remote will beep once 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 and 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

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

## Antenna LED (ANT-2WFMX and ANT-1WFMX)

The FMX antennas come with a blue LED built in on the rear. This LED flashes when your vehicle is locked/armed. There is also a green/red LED on the front of your antenna. This green/red LED is used to program remotes and to turn the flashing blue LED on and off. You can turn the flashing LED on or off using the following procedure:

**STEP 1:** Unlock/disarm your system using the remote.

**STEP 2:** Press and hold the button on your antenna for 10 seconds. The front LED will stay solid red for 3 seconds then turn off.

**STEP 3:** Release the button after 10 seconds and the LED turns on either green or red. Tap the button once. The LED will change to green or red. Red means that the flashing LED is off. If you tap the antenna button once and it turns green, the flashing LED is on.

## Drive Lock/Ignition Controlled Door Locks

Tap buttons $(\bigcirc + \bigcirc)$ simultaneously for a half second to turn drive lock on and off (also known as ignition controlled door locks). The vehicle's parking lights will flash once and/or siren chirp once to confirm drive lock is off. The vehicle's parking lights will flash twice and/or siren chirp twice to confirm drive lock is on.

**DRV**

**IMPORTANT:** Drive lock mode requires additional work from your authorized Firstech 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 buttons $(\bigcirc + \bigcirc)$ simultaneously for a half second to turn on or off turbo mode. The remote will beep once to confirm that turbo mode is activated. The remote will beep twice 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.

## 2nd Car Mode (Multiple Vehicle Control)

Most 2 Way remotes have the ability to operate a 2nd vehicle. Hold buttons $(\bigcirc + \bigcirc)$ for 2.5 seconds to activate this feature. The remote's LED's will flash and change to red confirming that 2nd car mode is activated. The remote will remain in 2nd Car Mode until you hold the $(\bigcirc + \bigcirc)$ buttons for 2.5 seconds again. The remote will beep twice and the LED's change from red to Amber to confirm 2nd car mode is off.

**2ND**

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

# 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 LED's 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 LED's 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 LED's 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 LED's go out. Release button and tap again. The number of solid LED's represent sensitivity of
touch, 1 being the lowest, 5 the highest.

### 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 LED's 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. **TMR**
Tap buttons ( 🔒 + 🔑 ) simultaneously for a half second to activate timer start mode. The remote will beep once and LED's flash twice. 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. 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.

## 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

**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 5th time, tap the button on ANT-2WFMX or ANT-1WFMX for a half second. The Red LED on the Antenna will turn on.

**STEP 3:** Tap the Lock button on the 1st remote for a half second. The Green LED on the Antenna will flash 1 time. The parking lights will also flash once to confirm the remote has been programmed. Repeat this step for additional remotes.
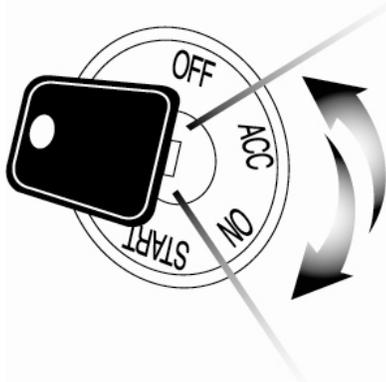
**Exiting Programming:** Programming is a timed sequence. The parking lights will flash twice signaling the end of programming mode.

**Programming Multiple Remotes:** Code additional remotes by pressing the Lock button 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.

## Programming Remotes on Push to Start (PTS) Vehicles

Most Push to Start vehicles do not have a key that you can turn between the On and Acc positions. This makes programming remotes difficult. We have a different set of steps for programming remotes.

**STEP 1:** Press the PTS button to turn the vehicle to the 'On' position. Do not start the car.

**STEP 2:** Within 5 seconds, push the PTS button again to turn the vehicle 'Off.'

**STEP 3:** Within 5 seconds, push the PTS button to turn the ignition 'On.'

**STEP 4:** Within 5 seconds, press and release the foot brake 3 times. The parking lights will flash once to indicate remote programming has begun.

> **STEP 4A (FMX REMOTES ONLY):** If using one of the FMX frequency remotes, you will need to tap the button on the antenna after the 3 foot brake presses in STEP 4. The front LED on the antenna will turn on solid red. After the antenna's LED illuminates solid red, proceed to STEP 5.

**STEP 5:** Tap the lock button on the 1st remote. The LED on the antenna will flash green. The parking lights will also flash once, indicating that the remote has been coded. Repeat this step to code each remote, pressing the lock button one after the other.

**STEP 6:** After 10 seconds, your vehicle will exit remote programming mode.

# Remote Start Error Diagnostics

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 |
| 11 | Vehicle speed sense detected |

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 the Start 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

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.

| LED Flash | Alarm Trigger |
|---|---|
| 2 Flashes | Door(s) Triggered |
| 3 Flashes | Shock Stage 1 |
| 4 Flashes | Shock Stage 2 |
| 5 Flashes | Tilt |
| 6 Flashes | Ignition On |
| 7 Flashes | Hood Triggered |
| 8 Flashes | Trunk Triggered |
| 9 Flashes | Aux Sensor Stage 1 |
| 10 Flashes | Aux Sensor Stage 2 |

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

| Number of Chirps | Situation |
|---|---|
| 4 | Optional Sensor Triggered |
| 5 | 2nd 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., 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 MERCHANTAPILITY 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 within 10 days of purchase.