## AUTO SECURITY
# compuSTAR

### MA510

## Compustar A Controllers
# INSTALLATION GUIDE

## F RSTECH,LLC.

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## Your Warranty

The product's warranty is automatically void if its date code or serial number is defaced, missing or altered.  This warranty will not be valid unless you have completed the registration card and mailed it to Firstech, Inc., within 10 days after the purchase to the address listed on the registration card.

## Important  Information

Congratulations on the purchase of your high-tech vehicle security system and remote auto-starter.  This system has been designed to provide years of trouble-free operation.  Due to the complexity of the system, it must only be installed by an authorized CompuStar dealer for full warranty and technical support.  Installation of this product by anyone other than an authorized dealer voids the warranty.

The owner's guide should help you to get the most out of your system.   Please take time to read it thoroughly prior to using this system.  Additional replacement copies of this manual are available for downloading at www.compustar.org.

## Safety  Information

Please take these safety precautions under the following conditions:

**1. Servicing the vehicle**
When servicing (i.e. changing the oil, washing your car) your automobile, the CompuStar system should be in Valet Mode.  There is a safety shutdown switch under the hood that deactivates the remote starter function if the hood is open.  However, if the switch has been damaged or the switch has been installed improperly, the vehicle may start when Button II is pressed for 2 seconds even if the hood is open.

**2. Loaning your vehicle to others**
Whenever you loan your vehicle to an individual who is not familiar with Compustar, please put the vehicle in Valet mode.  This will prevent the vehicle loaner from accidentally activating the CompuStar auto-security system.

**3. For manual transmission vehicles**
If the Compustar 2WSSR is installed in a manual transmission vehicle, extra precautions are required because the Compustar does not monitor the gear shift :

**Important!**   Under normal circumstances, Reservation Mode is cancelled when a door or hatchback opens.  Please verify if the opening of any door or hatchback cancels Reservation Mode.  If any of the doors or hatchback is not monitored by CompuStar because of improper installation or a faulty dome light switch, do not use the CompuStar and take your vehicle to the dealer immediately for repair.

Do not set Reservation Mode when the window(s) are open or if there is anyone inside of the vehicle including animals.
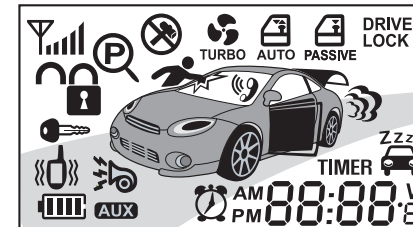
## System  Maintenance

This system requires no specific maintenance.  Your remote-pager is powered by a single AA battery that will last approximately one month under normal use depending on the make and model of your vehicle.  There is a battery icon in the lower right corner of the CompuGLO LCD indicating remaining battery life.  When the battery weakens, the operating range will be reduced and the CompuGLO LCD will dim.  Contact your authorized CompuStar dealer if you have additional questions.

## REMOTE-PAGER : MR561/LCD

The model name, MR561, stands for  **Two Way Spread Spectrum Remote with Liquid Crystal Display**.  This 5-channel transmitter that allows you to activate multiple functions by pressing a combination of 4 buttons on the unit in order to transmit signals.

## CompuGLO color  LCD (Liquid Crystal Display)

The remote-pager comes with CompuGLO which is a unique color LCD display that visually tells the vehicle owner the security status of your car at all times. There are differing icons that will appear on your CompuGLO LCD indicating what your vehicle is currently doing.

| Icon | Explanation |
|---|---|
| Shock | Indicates if the Shock Sensor is on or off.  See page 12. |
| Turbo | Indicate if Turbo Mode is on or off.  See page 17. |
| Timer | Indicates if Timer Start Mode is on or off.  See page 16. |
| Passive | Indicates if Passive Arming Mode is on or off. See page 17. |
| | Indicates that the second stage shock sensor has been triggered. |
| | If the icon appears continuously, you are in mute(vibration) mode.  If the icon blinks, the first stage shock sensor has been triggered.  See page 15. |
| z z $^z$ $^z$ | Indicates if you are in Valet Mode. See page 15. |
| | Indicates if your car parking lights are flashing. |
| | Indicates that your car siren is turned on or off when you lock or unlock the vehicle. |
| | Indicates that someone is paging you from your vehicle. |
| | Displays if your car is locked or unlocked. |
| | Indicates if your remote-pager is transmitting signals to the controller unit. |
| | Displays remaining battery life. |
| | Displays if your door is open. |
| | Displays if your vehicle has auto-started properly or ignition on. |
| | Displays if your trunk is open. |

## Remote–Pager Button Functions

The user can activate differing functions of CompuStar 2WSSR system by pressing one or two buttons simultaneously (ex.(**I+IV**) ) located on the antenna side of your Compu Star remote-pager.

| Channel | Button | Press for | Function | Factory Setting |
|---|---|---|---|---|
| 1 | **I** | 1/2 sec | Alarm Mode - on/off, RPS - on/off | |
| 2 | **II** | 1/2 sec | Auxiliary Option 1 | |
| 3 | **III** | 1/2 sec | Auxiliary Option 2 | |
| 4 | **IV** | 1/2 sec | Query Function | |
| 5 | **I–** | 2 sec | Alarm Mode - on/off, RPS - on/off | |
| 6 | **II–** | 2 sec | Auto-start Function - on/off | |
| 7 | **III–** | 2 sec | Trunk Release - on/off | |
| 8 | **IV–** | 2 sec | Panic Mode | |
| 9 | **( I+ II)** | 1/2 sec | Car Siren for Lock/ Unlock-on/off | On |
| 10 | **( I+ III)** | 1/2 sec | Valet Mode - on/off | Off |
| 11 | **( II+III)** | 1/2 sec | Passive Arming - on/off | Off |
| 12 | **(II+ IV)** | 1/2 sec | Timer Start Mode - on/off | Off |
| 13 | **(III+IV)** | 1/2 sec | Turbo Mode - on/off | Off |
| 14 | **(I+III)–** | 2 sec | Shock Sensor – on/off. | On |
| 15 | **(II+III)–** | 2 sec | Mute mode (Vibration only) – on/off. | Off |
| 16 | **(I+II)–** | 2 sec | Programming Menu 1 | |
| 17 | **(I+III)–** | 2 sec | Programming Menu 2 | |

**Note :** "(   )"   means simultaneously pressing the buttons
"(   ) – "  means simultaneously pressing the buttons for 2 seconds.