

AUTO SECURITY COMPUSTAR

2WSH-LED USER'S GUIDE



THANK YOU

Thank you for purchasing a CompuStar alarm and/or remote start system. CompuStar alarms and remote start systems are the most advanced systems on the market with amazing features, incomparable ease of use, and breakthrough technologies never before utilized in the automotive environment. Please take time to read and understand this owner's manual so that you can enjoy your new CompuStar system.

BUTTON FUNCTIONS

If you purchase a Starter or Alarm only system then you will not have all the functions listed below. An Alarm/Starter Combo system will have all of the functions listed below depending on vehicle. When tapping the button commands below the LED icons will blink briefly as well as beep to confirm that specific function.

Button	0.5 sec	2.5 sec	LED Icon
	Locks and Arm	Lock then Panic	
	Unlocks and Disarm		
	Aux 1	Trunk Release	
	Aux 2	Remote Start On/Off	
	Siren On/Off	Option Programming Menu #1 – Installer Only	
	Valet Mode On/Off	Shock Sensor On/Off	
		Option Programming Menu #2 – Installer Only	
	Passive Arming On/Off		
	Timer Start On/Off		
	Turbo Mode On/Off	Query Mode	

BUTTON FUNCTION DESCRIPTIONS



Lock Button (0.5 Sec.) – Tapping this button for a split second will lock/arm your CompuStar system. Your parking lights will flash once when you tap this button.



Lock Button (3.5 Sec.) – This button activates the panic mode on your system when held down for 3.5 seconds. Holding down the Lock button for 3.5 seconds will panic the siren. You can turn panic mode off by tapping the Unlock button. This Panic mode will also activate the Anti-Jack mode. The Anti-Jack mode will require additional installation. See Anti-Jacking under Additional Features below.



Unlock Button (0.5 Sec.) – Tapping this button for a split second will lock/arm your CompuStar system. Your parking lights will flash twice when you tap this button.



Trunk Button (0.5 Sec.) - Tapping the Trunk button activates Aux 1. This can be used to activate side doors, window modules, etc. By default, the Key button can only be activated as Secure Aux to prevent accident activation. Click IV before you activate the Trunk button. This can be changed – ask your installer. You may want to keep Secure Aux if you connect Aux to open side doors.



Trunk Button (2.5 Sec.) – When you hold the Trunk button for 2.5 seconds you can release your trunk. By default when you release the trunk the CompuStar will also disarm and unlock the doors.



Circle Button (0.5 Sec.) - Tapping the Circle button activates Aux 2. This can be used to activate side doors, window modules, etc. By default, the Circle button can only be activated as Secure Aux to prevent accident activation. Activate Secure Aux by holding the Trunk and Circle buttons for 2.5 seconds before activating the Circle button. This can be changed – ask your installer. You may want to keep Secure Aux if you connect Aux to open side doors.

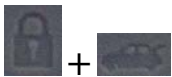


Circle Button (2.5 Sec.) – Holding the Circle Button for 2.5 seconds activates the remote start feature on your system. The vehicle will flash the parking lights once. Once the vehicle is remote started then the parking lights will come on solid. You have the option of having your parking lights flash during remote start. Holding the Circle Button again for 2.5 seconds while your vehicle is remote started will deactivate the remote start and flash the parking lights twice.



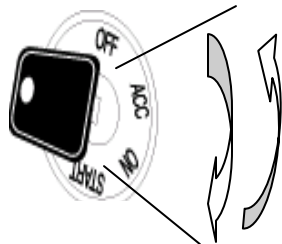
Lock Button + Unlock Button (0.5 Sec.) – Siren On/Off – Tapping these two buttons at the same time will mute the siren chirps during arm/lock and disarm/unlock. This feature will also mute the siren when the siren is set to 20 chirp silent siren. Your parking lights will flash once when you tap this button to turn this feature off and twice to turn this feature on.

Valet Mode - There are two different ways to enter Valet mode.



1) Lock and Trunk Buttons together for a half second while the vehicle's ignition is on. Your installer can change these settings so that you do not have to turn ignition on. Your parking lights will flash once when you tap these buttons to turn this feature on and twice to turn this feature off.

2) Ignition On and Off for 5 times with key



Lock + Trunk Button (2.5 Sec.) – When you hold these two buttons together for 2.5 seconds you can disable your shock sensor. Your parking lights will flash once when you tap these buttons to turn this feature on and twice to turn this feature off. This also disables any other added sensors such as radar, proximity or tilt sensors.



Unlock + Trunk Button (0.5 Sec.) – Passive Arming On/Off – Tapping the Unlock and Trunk Buttons at the same time turns Passive mode on. Your parking lights will flash once when you tap these buttons to turn this feature on and twice to turn this feature off. With Passive mode on, your vehicle will lock and arm 30 seconds after the door is opened and closed. The parking lights will flash and/or siren will chirp every 10 seconds up to 30.



Unlock + Circle Button (0.5 Sec.) – Timer Start On/Off – By activating this feature, you turn on the time start or hot/cold starting. Your parking lights will flash once when you tap these buttons to turn this feature on and twice to turn this feature off. This must be set after you close the vehicle door. If you remote start or start the vehicle with the key then it cancels this mode. Consult your installer.

Timer Start – Your installer can give you 2 choices – 1.5 or 3 hours. Example: If your installer programs 3 hours and you turn on this option with Unlock + Circle Button, your car will start every 3 hours for a 24 hour period until cancelled by turning the Timer Start off.



Trunk + Circle Button (0.5 Sec.) - Turbo Mode On/Off – By tapping the Trunk and Circle buttons simultaneously you activate Turbo Mode. The parking lights will flash once when you tap these buttons to turn this feature on and twice to turn this feature off. By activating this function your vehicle runs for 2 minutes after you set your emergency brake and close your doors. You must manually arm your CompuStar once you shut your door. This feature must be programmed and installed by your CompuStar dealer.



Trunk + Circle Button (2.5 Sec.) - Query - Holding these buttons down for 2.5 seconds will initiate the Query function on your system. This is used to monitor the status of your vehicle.

DIAGNOSTIC MESSAGES

- Whenever the system fails to remote start, the vehicle provides you with diagnostic error messages: # of times parking lights flash. The vehicle will first flash the parking lights 3 times followed by the remote start error.

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

- When the vehicle is disarmed, the number of siren chirps will indicate which zone has been triggered while armed:

a) Parking Light & Chirps 4 times - Optional Sensor Triggered	b) 5 Times – Shock Sensor triggered
c) 6 Times: Door, Hood, or Trunk was triggered	

3. When armed, the LED will blink slowly. While siren is going off, the LED will indicate the cause of the trigger.

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

MANUAL TRANSMISSION VEHICLES

To use the remote-start function on a manual transmission vehicle, you must first set Reservation Mode. Reservation mode sets the vehicle up to safely start the next time you use the remote-start. To set Reservation Mode, follow these steps:

1. Completely stop the vehicle and put it in NEUTRAL.
2. Set the emergency brake and remove your foot from the foot brake.
3. A few seconds later you should hear a “click”.
4. Turn the key off and remove it from the ignition. The vehicle will stay running.
5. Exit the vehicle and close the door.
6. The vehicle will shut off, the system will arm, and the doors will lock.

Reservation Mode has now been set. The following actions will cancel Reservation Mode; opening the hood, doors, or trunk, turning on the ignition, releasing the emergency brake, or triggering the alarm. If reservation mode is cancelled, you will need to get in the vehicle and repeat the setup process.

ADDITIONAL FEATURES

A. RPS – Remote Paging System – Optional on Alarm and Alarm/Starter systems

The RPS is an optional paging sensor mounted on your windshield. It is used to page the owner of a vehicle by tapping once. There is also an LED on the RPS sensor that will blink when you arm your system.

B. Passive Mode

This setting monitors the system and automatically relocks/rearms your CompuStar once you open and close all the doors to your vehicle. You have the option of the doors locking or not locking so you do not lock your keys in the vehicle. Please see your CompuStar dealer for details.

C. Remote Start Runtime

The runtime must be set by your CompuStar dealer. You have the option of having your vehicle run for 15 minutes or 25 minutes or (25 or 45 minutes Diesel Motor Only). Your vehicle will run for the set time. The icons will flash on your remote to show runtime. As the runtime decreases the icons will shut off one at a time showing a quarter of the runtime.

D. Dome Light Supervision

Additional installation may be required for this feature. With this feature on you have dome light illumination for 30 seconds. The dome light will only come on upon disarm of your CompuStar.

E. Starter Kill

Additional installation may be required for this feature. This feature disables the vehicle when the CompuStar is armed and alarm triggered. When starter kill is enabled you are unable to start the vehicle with the key.

F. Anti-Grind

Additional installation may be required for this feature. When you remote start your vehicle and disarm and enter you must put the vehicle’s key in the ignition and turn it forward. When you turn the key forward there is a chance of overturning the starter. With anti-grind installed, you cannot over grind your starter on your vehicle.

G. Anti-Jacking

Additional installation may be required for this feature. This feature prevents a thief from stealing your car once they drive off. In the event that you are car jacked and have your CompuStar remote in hand you just panic the system. After 30 seconds of panic your vehicle will shut off and the thief will not be able to restart.

H. Dual Stage Shock Sensor (Only Available on Alarm and Alarm/Starter Systems)

When your alarm is armed this sensor will register light and heavy impact to your vehicle. When light impact is detected, your siren will chirp four times as a warn away alert. When heavy impact is detected, your siren will sound for 30 or 60 seconds depending on setting by your installer. Please allow at least 30 seconds after arming your system for the shock sensor to fully activate.

I. Factory Alarm Option (Only Available on Starter Only Systems)

Additional installation may be required for this feature. With the factory alarm option set it turns your starter only system into basic alarm. With the system armed/locked and you open a door the parking lights will begin flashing and horn on your vehicle will honk.

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 vehicle, the CompuStar system should be placed 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 has been installed improperly, the vehicle may start when the Circle button is held down for 2.5 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 the CompuStar system, 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 2WSH-LED is installed in a manual transmission vehicle, extra precautions should be taken as the system does not monitor the gear placement.

Important!

Under normal circumstances, Reservation Mode is cancelled when a door or rear hatch opens. Please verify that the opening of any door or rear hatch cancels Reservation Mode. If any of the doors or rear hatch are not monitored by the CompuStar due to improper installation or a faulty door or 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.

LIMITED LIFETIME CONSUMER WARRANTY

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

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ANY AND ALL WARRANTIES ARE EXCLUDED BY THE MANUFACTURER AND EACH ENTITY PARTICIPATING IN THE STREAM OF COMMERCE THEREWITH.

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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, LLC. or complete the registration online at www.compustar.com, within 10 days after purchase to the address listed on the registration card.



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