CompuStar A311R

<u>USER'S GUIDE</u>

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your Authorized CompuStar dealer.

1. Transmitter Button Functions

Channel	Button	Function
1.	Lock	Arm
2.	Unlock	Disarm
3.	Lock+Panic	Aux 1
4.	Unlock+Panic	Aux 2
5.	Panic	Panic
6.	Start	Remote Starting
7.	Stop	Remote Stop
8.	Trunk	Trunk Release
9.	(Lock+Unlock)	Siren Chip - On/Off
10.	(Lock+Start)	Valet Mode - On/Off
11.	(Lock+Stop)	Shock Sensor On/Off
13.	(Unlock+Stop)	Timer Mode 1.5 hour - On/Off
15.	(Lock+Trunk)	Option Programming 1
16.	(Unlock+Trunk)	Option Programming 2

2. Alarm Function
Upon arming, your alarm will be triggered by:

- Light Impact (first stage shock sensor). The siren will chirp 4 times and the parking lights will flash 4 times.
- Heavy impacts (second stage shock sensor). The siren will go off and the parking lights will flash for 60 seconds.
- Door opened. The siren will go off and the parking lights will flash for 60 seconds
- If you have installed the Optional starter kill function, your vehicle will not start with key when system is armed.

Note: (Siren duration 30Sec. or 60Sec. refer to programming section)

3. Panic
In Case of emergency, and you want to attract attention. Press button Panic.

4. Start Function
Press button III for 2 seconds to start the engine. The engine will start. The engine will run 15 minutes (25 min for diesel) or 25 minutes (40 min for diesel). If the engine has a problem starting the system will retry 2 additional times. If the engine does not start after the 3rd attempt, please call you Authorized Dealer.

Note: Runtime, please consult you Authorized Dealer.

Diagnosis for Remote Starting Error

If there is an error, you will hear three chirps when you attempt to remote starting the vehicle. 2 seconds later, the cause for the error will be indicated by the chirping and parking light flashes.

Error Number	Error Reason
1	Engine On
2	Key On
3	Door Open
4	Trunk Open
5	Brake On / Valet Switch On
6	Hood Open

5. Remote Starting for the manual transmission
IMPORTANT

1. The transmission must be in the NEUTRAL position.
2. The vehicle windows must be rolled up.
3. Do not set the reservation mode with any people in the vehicle.
4. Do not remote start with any people in the vehicle.

Note: The system is not recommended for vehicle with removable tops.

Reservation Mode must be set for manual transmission.
Step 1: After arriving at the destination, and before turning the engine OFF, place the transmission in the Neutral position.
Step 2: Remove your foot from the foot brake.
Step 3: Activate the parking brake.
Step 4. Remove the key from the ignition. The engine will remain running.
Step 5. Exit the vehicle and close the door within two minutes from step 3. The engine will shut off and reservation mode for the remote starter is now complete.

Your vehicle is now ready for remote starting. However, the reservation mode will be cancelled if the door is opened or the CompuStar is put in Valet mode after the reservation has been set. Once cancelled, you will have to start the vehicle with the key and repeat the above 5 steps if you want to restore the reservation.
Note: If you try to remote start the vehicle when the reservation mode has not been set or cancelled, the system will not start. The parking lights will flash three times

Canceling Reservation Mode

If you do not want to set the reservation mode, shut off the engine before you exit the vehicle. The engine will shut off if (a) you do not activate your parking brake or press the foot brake when you turn your key to off position, (b) release your parking brake while engine is running, or if (c) you press button III between step 3 and 4.

6. Safety Shut Down
System has several Shut Down inputs. That will shut down the engine or prevent from remote starting.
- the Hood is opened,
- the Brake is pressed,
- the Valet mode is entered, or
- the Valet switch is turned on.

7. Aux 1 & Aux 2
The system has Aux 1 & Aux 2 output to be utilized with optional features. (Consult your Authorized Dealer)

8. Valet Mode
In Valet mode, the system will only activate Locks, Trunk, and the Auxiliary only

9. Valet Switch
Turn On the switch to shut off the Remote Starter System only. **Turn Off** By-Pass switch to activate remote starting function.

10. Shock Sensor
Dual Stage Shock Sensor will activate 30 sec. After the system is armed (Locked). When 1st stage is triggered the siren will chirp 4 .

11. Timer Start
To enter the Timer Mode press buttons Unlock & Stop simultaneously for ½ second. The system will start every 1.5 Hrs. till Timer Mode is deactivated and automatically canceled if the vehicle is started with the Key

or Remotely. To Exit Timer Mode press buttons Unlock & Stop simultaneously for ½ second again.

12. Transmitter Learning Procedure
Your transmitter has been programmed at the factory. However, if you replace or add additional Remote, follow this procedure.

Steps 1: Put the system in Valet mode with key: Ignition on and off five times with key within 10 seconds. The parking light will flash once.

Step 2: Within 6 seconds, press the button Lock for a half-second.

Step3: The parking light will flash twice to confirm **Step 2.**

Step 4: Program 2nd transmitter or 3rd transmitter by pressing any button. The system will program up to 3 transmitters. The parking light will flash once to confirm **Step 3.**

13. Programming Options with Transmitter
Step 1. Programming Option 1. Press buttons Lock and Unlock for 2 seconds. Programming Option 2: Press buttons Lock and Start for 2 seconds. The siren will chirp once. Now you are in the programming mode.
Step 2. Within 2 seconds, press Stop for the number of times to go to the option number you want to change. You will hear a chirp and see the parking lights flash each time you press button Stop.
Step 3. Wait few seconds. You will hear a number of chirps and see a number of parking light flashes corresponding the number of the option you want to change. If the number of chirps or flashes is not what you wanted, go back to the Step 1.
Step 4. Press Lock for the factory setting; one chirp and one flash. Press Unlock for the Option Setting; two chirps and two flashes.

- **If you hear a long chirp, you are going out of the programming mode. Go back to the step one.**
- **If you want to change more options go back to the step I.**

Option Resetting:

No.	Factory Setting -Button I	Option Setting - Button II
1	No unlock before remote starting	Unlock before remote starting for factory disarm.
2	.5 sec lock/unlock pulse	2.0 sec lock/unlock pulse
3	Minimum Cranking Time for the Alternator Setting	
	1st Try 2nd Try 3rd Try .8 sec .9 sec 1.0 sec	1st Try 2nd Try 3rd Try 1.0 sec 1.1 sec 1.2 sec
4	Regular Unlock	Safety Unlock (Lock, Unlock, Unlock)
5	Regular Unlock	Double Unlock
6	Regular Dome Light	Dome Light Factory Rearm (Dome Light before Lock Pulse)
7	Regular Remote Start Activation Input	Cold start with Temperature Sensor. With this option, the minimum interval between automatic starts will be 1.5 hour.

(Rows 1–7 are grouped under **Option 1**)

No.		Factory Setting - Button I	Factory Setting - Button II
Option 2	1	Active Arming (Locking)	Passive Arming but Active Locking
	2	Active Arming (Locking)	Passive Arming and Passive Locking
	3	.5 sec Aux 1 Output	Latch Aux 1 Output
	4	.5 sec Aux 2 Output	Latch Aux 2 Output
	5	No Ignition Lock	Ignition Lock
	6	30 sec Siren Duration	60 sec Siren Duration
	7	Arming (Locking) upon reservation	No Arming (Locking) upon reservation

To Reset Everything to the factory default settings.

Step 1: Press buttons Lock+Unlock simultaneously or Lock+Start simultaneously for 2 seconds. Confirmed by chirp and parking light - one time.

Step 2: Press button Start three times. Confirmed by a chirp and parking light each time you press button Start and three chirps and flash after your press button Start three times.

14. Limited Lifetime Warranty

Firstech, Inc. 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 pre-paid postal to Firstech, Inc., 801 E. 82nd Ave. Suite 1, Anchorage, Alaska 99518, USA within the warranty period, and if the product is defective Firstech, Inc, 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 AHY AND ALL WARRANTY OF NON-INFRINGEMENT OF PATENTS, IN THE UNITED STATES OF ANERICA AND/OF ABROAD. NEITHER THE MANUFACTURER OR 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 ECOMONIC OPPORTUNITY AND THE LIKE. NOTHWITHSTANDING 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 of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights, which vary State to State.

<u>IMPORTANT NOTE:</u>
A 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 warranty card and mailed it to Firstech, Inc., within 10 days after purchase to the address listed on the card.

Registration Card

Name_____
_____
Address_____
_____
City_____ State_____
Zip_____
Phone Number: Home (   )_____ Office (   )_____
Place of Purchase_____
Date of Purchase_____
Purchase Model_____
Purchase Price_____
Vehicle Make_____
Model:_____
How did you hear about this product?_____
_____

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