User Manual

Applicable to the following remote(s)

600R (1Way 4Button Remote)

FCC ID : VA5JR260A433

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.

By Firstech, LLC.

Toll Free : 888-820-3690

21911 68th Ave S
Kent, WA 98032

Table of Contents

Introduction

Thank you for purchasing a Firstech 600R system for your vehicle. In order to truly enjoy the benefits of this system, we recommend that you Read this entire manual. Please note that this manual applies to the 600R 4 Button Remote. The 600R remote can be used with our remote start and keyless (CS600-S / AR600-S) System. 600R can also be used with our basic alarm system(CS600-A) The AR-600-S offers keyless entry and remote start only. There may also be features listed in this manual that require additional installation or programming before they can become active. If you have any questions, please contact ypor original place of purchase. For further information you may also contact our customer support center by calling 888-820-3690.

Kit(s) Contents

- 2 X 600R Remote
- 1 X ANT-AM Antenna
- CM-600 or CM1300 Control Module
- 1 X Wiring Harness Kit

Warranty Coverage

⚠ **Caution:** The Manufacture'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 / warranty or the last page of this manual.

Warranty registration can be completed online by visiting www.compustar.com ／warranty. Please complete the registration form within 10 days of purchase. We no longer 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 Reference

600R (1-Way 4Button Remote)

Applicable to the Following models:

⦾ CM-600

⦾ CM-1300 (alarm only)

Quick Reference

When servicing or loaning your vehicle to others, your remote start 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 start will still lock and unlock power lock systems.
With the CS600-A the alarm triggers will not function however the doors will still function.

The system can be put into valet one of two ways:

1.Turn the vehicles key to the ignition "on" position and tap the Lock and Trunk buttons simultaneously for a half second. The parking lights will flash once to confirm the system is in valet mode. Repeat this process to take the system out of valet mode. Upon tapping the same buttons again the parking lights will flash twice to confirm the system is out of valet mode.

2. You can put the system into valet by turning the ignition key "on" and then "off" five times within 7 seconds. The parking lights will flash once to confirm the system is in valet mode. Shortly after the first flash, the parking lights will flash twice.

Remote Maintenance—Battery Replacement
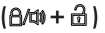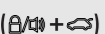
The only regular maintenance this system requires is remote control battery replacement. No programming is required when replacing the battery.

One Button Remotes: 600R
First, remove the small Phillips screw located on the back of the remote. Once the screw has been removed, gently pull the remote apart being careful to not touch the circuit board. The 600R requires one A23 battery. These specialty batteries can be purchased from your local Firstech dealer or an electronics store.

Quick Reference

1 Way Remote Button Functions

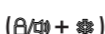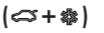| Button	Duration	Additional Programming Required	Function / Description
🔒/📢	0.5 seconds	No	Locks doors and/or arms alarm.
	3.5 seconds	CS600-A Alarm Only	Panic/vehicle locater (flashes vehicle's parking lights and sounds siren and horn).
🔓	0.5 seconds	No	Unlocks doors and/or disarms alarm.
🚗	0.5 seconds	No	Aux 1. Triggers the auxiliary 1 output (most commonly used for sliding doors or rear lift gate).
	2.5 seconds	No	Trunk pop. Triggers the trunk release output and opens the vehicle's trunk.
❄	0.5 seconds	No	Triggers the auxiliary 2 output (most commonly used for sliding doors or rear lift gate).
	2.5 seconds	AR600-S Remote Start Only	Activates the remote start. Repeat and remote start will shut off.
(🔒/📢 + 🔓)	0.5 seconds	CS600-A Alarm Only	Turns siren chirps on and off during arming and disarming of your system
	2.5 seconds	No	Option programming menu 1 - Installers Only.
(🔒/📢 + 🚗)	0.5 seconds	Must turn key to Ign position	Valet Mode - Bypasses system if loaning to others or servicing
	2.5 seconds	CS600-A Alarm Only	Shock Sensor On or Off - Holding these two buttons turns the shock sensor on and off.

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Quick Reference

1 Way Remote Button Functions

Button	Duration	Additional Programming Required	Function / Description
(🔒/📢 + ❄)	0.5 seconds	CS600-A Alarm Only	Ignition Controlled Door Locks
	2.5 seconds	No	Option programming menu 2 - Installers Only.
(🔓 + ❄)	2.5 seconds	Option 2-1	CS600-S/AR600-S Remote Start Only: Activates Timer Start Mode. Timer Start Mode has multiple programmable settings: Vehicle can start every 1.5 or 3 hours.
(🚗 + ❄)	2.5 seconds	CS600-A Alarm Only	Secure Auxiliary - This feature prevents you from accidental trigger of your auxiliary outputs.
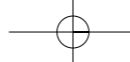
General System Functions

The remote transmitter functions have been predetermined and programmed from the factory. The four button configuration allows for keyless entry, trunk release, and/or remote start functionality. These commands may require additional parts and labor. Please check with your place of purchase for more information.

Sending Commands
When in range, and a button has been pressed, the remote bright blue LED will illuminate and vehicle's parking lights will flash. For example, to send a remote start command from the 600R, hold down the ❄ Button for 2.5 seconds. The remote bright blue LED will come on solid and then flash.

Active Lock/Arm and Unlock/Disarm

Tap the 🔒/📢 button for 0.5 second to lock/arm your vehicle. Tap the 🔓 button to unlock/disarm your vehicle. The remote bright blue LED will flash indicating the signal has been sent to the vehicle. This feature is optional and may require additional programming and/or installation. Please check with your place of purchase for details.

Alarm Triggers

Only available with CS600-A alarm only system. An alarm will trigger if a door, trunk, or option trigger is opened. It will also trigger if the shock sensor detects an impact. In the event that an alarm trigger is activated you can silence the siren by tapping the 🔒/📢 or 🔓 buttons.

General System Functions

Passive Lock/Arm

PASSIVE

The system can be configured to automatically lock and arm the vehicle 30 seconds after closing the last door. Place the system in passive by taping (🔒 + ❄) buttons simultaneously for a half (0.5) second. The vehicle will flash the lights once and/or siren chirp once to indicate the system is in passive lock and arming mode. Tap the same buttons again to turn passive mode off. The parking lights will flash twice and/or siren chirp twice to show it is off.

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 lock, ask your local dealer to turn Option 1-8 to setting III.

Automatic Transmission Remote start Function

Only available with CS600-S / AR600-S remote start only system

Hold the ❄ button for 2.5 seconds to remote start an automatic transmission vehicle. If you are in range and if the vehicle is ready to remote start, the vehicle parking lights will flash once.

If you are in range, the parking lights on the vehicle will flash three times followed by a certain number after that, there is a remote start error. Refer to the "remote start error diagnostic" for details.

Upon receiving confirmation that your vehicle is running, the parking lights will light solid. The remote start run time can be set for 3, 15, 25, or 45 minutes. This should be set at the time of installation. If not ask your place of purchase to adjust the option if you would like a run-time other than the default 15 minutes.

IMPORTANT: The 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 depressed prior to the key being in the "on" position, the vehicle will shut off.

General System Functions

Trunk Release

Hold button ⬛ for 2.5 seconds to release the trunk or hatch. If you are in range, the vehicle's parking lights will flash once and/or siren chirp once 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 has the ability to use outputs that can be configured to control power sliding doors or a rear lift gate. These outputs some sort of data module. Your authorized Firstech 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.

AUX

Tap button ⬛ for 0.5 seconds to trigger auxiliary output 1. Tap button ❋ for 0.5 seconds to trigger auxiliary output 2.
The vehicle's parking lights will flash once indicating that the auxiliary outputs have been triggered.
The system is in secure auxiliary mode, which requires you to hold buttons (⬛ + ❋) for 2.5 seconds prior to triggering auxiliary 1 or 2.

Silent Arm/Disarm

Only available with CS600-A alarm only system. 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 buttons (🔒 + 🔓) simultaneously for 0.5 second.

IMPORTANT: Even when the siren is muted, it will still sound in the event the alarm is triggered.

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General System Functions

Shock Sensor On/Off

Only available with CS600-A alarm only system.
Hold buttons (🔒 + ⬛) simultaneously for 2.5 seconds to turn the shock sensor on and off. The vehicle's parking lights will flash once and/or siren chirp once to confirm the shock sensor is off. The vehicle's parking lights will flash twice and/or siren chirp twice to confirm the shock sensor is on.

IMPORTANT: Turning off the shock sensor also turns off the optional sensor(s).

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 vehicle's 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.

Starter Kill

This optional feature is only available on the alarm only system. (CS600-A) When installed it will disable the vehicle when it is armed/locked. This feature stops your vehicle form starting and may require additional installation and programming.

ANTI Grind

Only available with CS600-S / AR600-S Remote start only system.
The optional anti-grind/starter kill feature prevents you from accidentally grinding your vehicle's starter motor when taking over with the key. This feature requires additional installation and programming. Also your dealer can program a basic security feature that prevents your vehicle from starting when it is locked/armed. Please see your dealer for more details.

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General System Functions

Timer Start Mode

TIMER

Only available with CS600-S / AR600-S Remote start only system.
Timer start mode is used to cool or warm the vehicle without manually starting with the key or from the remote. While engaged, timer start will activate even while the remote is out of range. Hold buttons simultaneously for 2.5 seconds to activate 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 local Firstech dealer.

Default 1: Will start every 3 hours for a 24 hour cycle, or until the vehicle is remote started or started by key, and run for whatever your remote start run time is set for.

Option 2: Will start every 1.5 hours for a 24 hour cycle, or until the vehicle is remote started or started by key, and run for whatever your remote start run time is set for.

Drive Lock / Ignition Controlled Door Locks

Only available with CS600-A alarm only system
Drive Lock/Ignition Controlled Door Locks all your power door locks after the vehicle is started and 30 seconds have passed. The door lock will unlock when you turn the vehicle's key off. You also have the option for the doors to only lock or only unlock.
This may require additional parts labor.

Remote Coding / Programming Routine

IMPORTANT: The 600R remotes are preprogrammed to your system. In the even you need to program your remotes follow this simple procedure below.

Programming 600R

STEP 1: Activate Valet/Programming mode by manually turning the ignition key on and off (between the Acc & On positions) five times within 7 seconds. The vehicle's parking lights will flash once with the successful completion of this step.

STEP 2: Within a second after cycling the ignition for the 5th time, tap the Lock button once for 0.5 second. The parking lights will flash once to confirm the transmitter has been coded.
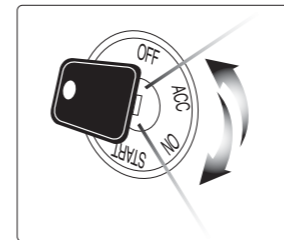
Programming Multiple Remotes: After the confirmation flash given in STEP 2, code additional remotes by pressing the single button on remote. The parking lights will flash once confirming each additional remote. The CM-600 and CM-1300 can store up to three remotes.

Exiting Programming: Programming is a timed sequence. If you can not get the remote(s) to program then the system enters Valet Mode. The parking lights will flash twice signaling the end of programming

Remote Start Error Diagnostic

Only available with CS600-S / AR600-S remote start only system.
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
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 voltage sensing failure

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

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., **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.

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