By Firstech, LLC.

Toll Free: 800-820-3690
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Kent, WA 98032

User Manual
Applicable to the following remote(s)

600R

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.

www.firstechonline.com
www.compustar.com

www.firstechonline.com 8102REUSL000200/ FT-600R V1
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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 can be used with the basic alarm, starter, or alarm and starter systems. 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 your 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
- Control Module
- 1 X ANT-AM Antenna
- 1 X Wiring Harness Kit

Warranty Coverage

Caution: The Manufacturer’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 Applicable to the Following control modules.
- CM-600
- CM-600AS
- CM-1300

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 not activate. 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.

Valet Mode

Tap the [image] for a half second to remove the system out of Valet. On starter and alarm/starter systems you can turn the key to the lgnition On position and tap the foot brake 10 times. This will take the system out of Valet Mode.

One-Way 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

Removing System Out of Valet

Tap the [image] for a half second to remove the system out of Valet. On starter and alarm/starter systems you can turn the key to the Ignition On position and tap the foot brake 10 times. This will take the system out of Valet Mode.

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-Way 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

<table>
<thead>
<tr>
<th>Button</th>
<th>Duration</th>
<th>Additional Programming Required</th>
<th>Function / Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="lock-icon" alt="Lock/Unlock" /></td>
<td>0.5 seconds</td>
<td>No</td>
<td>Locks doors and/or arns alarm.</td>
</tr>
<tr>
<td><img src="aux-1-icon" alt="Auxiliar 1" /></td>
<td>3.5 seconds</td>
<td>AS/A System Only</td>
<td>Panic/vehicle locator (flashes vehicle’s parking lights and sounds siren and horn).</td>
</tr>
<tr>
<td><img src="aux-2-icon" alt="Auxiliar 2" /></td>
<td>0.5 seconds</td>
<td>No</td>
<td>Unlocks doors and/or disarms alarm.</td>
</tr>
<tr>
<td><img src="aux-2-icon" alt="Auxiliar 2" /></td>
<td>0.5 seconds</td>
<td>No</td>
<td>Arm 1. Triggers the auxiliary 1 output (most commonly used for sliding doors or rear lift gate).</td>
</tr>
<tr>
<td><img src="trunk-pop-icon" alt="Trunk Pop" /></td>
<td>2.5 seconds</td>
<td>No</td>
<td>Trunk pop. Triggers the trunk release output and opens the vehicle’s trunk.</td>
</tr>
<tr>
<td><img src="aux-2-icon" alt="Auxiliar 2" /></td>
<td>0.5 seconds</td>
<td>No</td>
<td>Triggers the auxiliary 2 output (most commonly used for sliding doors or rear lift gate).</td>
</tr>
<tr>
<td><img src="trunk-pop-icon" alt="Trunk Pop" /></td>
<td>2.5 seconds</td>
<td>AS/S System Only</td>
<td>Activates the trunk release output and opens the vehicle’s trunk.</td>
</tr>
<tr>
<td><img src="option-1-icon" alt="Option 1" /></td>
<td>0.5 seconds</td>
<td>AS/A System Only</td>
<td>Activates the remote start. Repeat and remote start will shut off.</td>
</tr>
<tr>
<td><img src="option-2-icon" alt="Option 2" /></td>
<td>2.5 seconds</td>
<td>No</td>
<td>Option programming menu 2 - Installers Only.</td>
</tr>
<tr>
<td><img src="option-1-icon" alt="Option 1" /> + <img src="option-2-icon" alt="Option 2" /></td>
<td>2.5 seconds</td>
<td>AS/S System Only</td>
<td>Option 2-1. AS/S System Only: Activates Timer Start Mode. Timer Start Mode has multiple programmable settings: Vehicle can start every 1.5 or 3 hours.</td>
</tr>
<tr>
<td><img src="option-1-icon" alt="Option 1" /> + <img src="option-2-icon" alt="Option 2" /></td>
<td>2.5 seconds</td>
<td>AS/A System Only</td>
<td>Secure Auxiliary - This feature prevents you from accidental trigger of your auxiliary outputs.</td>
</tr>
</tbody>
</table>

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*Note: Button durations and additional programming requirements are specific to the system’s configuration.*
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’s 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 a half second to lock/arm your vehicle. Tap the button to unlock/disarm your vehicle. The remote’s 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 AS/A 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. To completely disarm and unlock vehicle, you may have to press the button twice.

General System Functions

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 tapping the 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.

Only available with AS/A systems

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’s 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.

By Firstech, LLC
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.

- 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 AS/A systems. 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 a half second.

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

**General System Functions**

**Shock Sensor On/Off**

Only available with AS/A systems. 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.

**Anti-Grind**

This optional feature is only available on the AS/A When installed it will disable the vehicle when it is armed/locked. This feature stops your vehicle from starting and may require additional installation and programming.

**Start Kill**

This optional feature is only available on the AS/A When installed it will disable the vehicle when it is armed/locked. This feature stops your vehicle from starting and may require additional installation and programming.

**Anti-Grind/Start Kill**

The optional anti-grind/start killer 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.
General System Functions

Timer Start Mode

Only available with AS/S systems.

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 AS/A systems.

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

Programming 600R/700R

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 a half 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, CM-600AS and CM-1300 can store up to three remotes.

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

IMPORTANT: The 600R remotes are preprogrammed to your system. In the event you need to program your remotes follow this simple procedure below.
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 MERCHANTABILITY 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 THERETO 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 30 days of purchase.

Remote Start Error Diagnostic

Only available with AS/S 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.

<table>
<thead>
<tr>
<th>Number of Parking Light Flashes</th>
<th>Remote Start Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Motor running</td>
</tr>
<tr>
<td>2</td>
<td>Key in ignition on position</td>
</tr>
<tr>
<td>3</td>
<td>Door open (manual transmission only)</td>
</tr>
<tr>
<td>5</td>
<td>Foot brake on</td>
</tr>
<tr>
<td>6</td>
<td>Hood open</td>
</tr>
<tr>
<td>7</td>
<td>Reservation off (manual transmission only)</td>
</tr>
<tr>
<td>8</td>
<td>Tach or voltage sensing failure</td>
</tr>
<tr>
<td>10</td>
<td>System is in Valet Mode</td>
</tr>
</tbody>
</table>

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