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## Compustar CS7900-AS

# Compustar CS7900-AS Remote Start and Alarm System User Manual

Model: CS7900-AS

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## 1. PRODUCT OVERVIEW

The Compustar CS7900-AS is an all-in-one 2-way remote start and alarm bundle designed to provide enhanced security and convenience for your vehicle. This system offers a maximum range of 3000 feet, allowing you to remotely start, lock, and unlock your vehicle with confidence. The 2-way LCD remote provides visual and audible confirmation of commands, ensuring successful operation. Integrated intelligent security sensors detect intrusion, alerting you directly via the remote.



Figure 1.1: The Compustar CS7900-AS system, including the main control unit and two remote controls, packaged in its retail box.










## 2. SYSTEM COMPONENTS

The CS7900-AS bundle includes the following key components:

- **2-Way T9 LCD Remote (2WT9R-FM):** An interactive remote control with an LCD screen for visual and audible command confirmation and vehicle status updates.
- **1-Way G15 FM, 4-Button Remote (1WG15R-FM):** A secondary remote control for basic remote start and alarm functions.
- **2-Way FMX Antenna (ANT-2WFMX):** The antenna responsible for transmitting and receiving signals from the remote controls.
- **Remote Start & Security Control Module (CM900):** The central processing unit of the system, managing all remote start and security functions.
- **Engine Starter-Kill Relay (E-LOCK Relay):** A security component that prevents the engine from starting without authorization.
- **Shock Sensor II (Dual-Stage Impact and Tilt Sensor):** Detects impacts and changes in vehicle tilt, triggering the alarm.
- **Theft-Deterrent LED (Blue Security LED):** A visible indicator that the alarm system is armed.
- **Alarm Siren (105+db Alarm Siren):** A loud siren to alert to potential intrusion.
- **Thermistor (FT-TEMP Temperature Sensor):** Measures the vehicle's interior temperature for remote start functionality.

### What's Included

Included with CS7900-AS

	<b>2WT9R-FM</b> 2-Way T9 LCD Remote		<b>1WG15R-FM</b> 1-Way G15 FM, 4-Button Remote		<b>ANT-2WFMX</b> 2-Way FMX Antenna
	<b>CM900</b> Remote Start & Security Control Module		<b>E-LOCK Relay</b> Engine Starter-Kill Relay		<b>Shock Sensor II</b> Dual-Stage Impact and Tilt Sensor
	<b>Theft-Deterrent LED</b> Blue Security LED		<b>Alarm Siren</b> 105+db Alarm Siren		<b>Thermistor</b> FT-TEMP Temperature Sensor

\* PROFESSIONAL INSTALLATION IS HIGHLY RECOMMENDED \*  
\* FOR AUTOMATIC VEHICLES ONLY \*  
\* SOME VEHICLES MAY REQUIRE EXTRA PARTS - SOLD SEPARATELY \*

Figure 2.1: A visual representation of all included components in the CS7900-AS bundle.

## 3. SETUP AND INSTALLATION

**Professional installation is required for the Compustar CS7900-AS system.** Wiring diagrams and detailed installation instructions are not included with the consumer product and are typically provided to authorized installers. Some vehicles may require extra parts, which are sold separately.

### 3.1. Blade Module Flashing and Controller Programming

The iDataLink BLADE module (sold separately) is often used with Compustar systems for vehicle integration and immobilizer bypass. The following video demonstrates the process of flashing and programming the BLADE module and Compustar controller using the iDataLink Weblink software.

Your browser does not support the video tag.

Video 3.1: This video provides a step-by-step guide on how to flash and update the iDataLink BLADE module and Compustar controller using a computer and the ADS-USB cable. It covers creating an account, connecting the devices, and using the Weblink software to select vehicle firmware and configure features.

#### Required for Flashing:

- Computer with Internet Explorer (or compatible browser)
- iDataLink ADS-USB cable (sold separately)
- Compustar Controller (CM900)
- iDataLink BLADE-AL or ADS-ALCA module (sold separately)

Ensure all components are connected as shown in the video before proceeding with the software flashing process.

## 4. OPERATION

### 4.1. Remote Control Functions

The CS7900-AS system utilizes 2-way remote controls for comprehensive vehicle control and feedback. The 2-way LCD remote provides visual and audible confirmation of commands, ensuring you know your vehicle has responded.



Figure 4.1: The 2-way remote provides real-time feedback on your vehicle's status, including successful command execution.

- **Remote Start:** Press and hold the start button to remotely start your vehicle. The remote will confirm engine status.
- **Lock/Unlock:** Use the dedicated lock and unlock buttons to secure or access your vehicle.
- **Trunk Release:** A dedicated button allows for remote trunk or hatch release.
- **Panic/Car Finder:** Activate the panic alarm or locate your vehicle in a crowded parking lot.

## 4.2. Security Features

The system incorporates intelligent security sensors to protect your vehicle from intrusion.

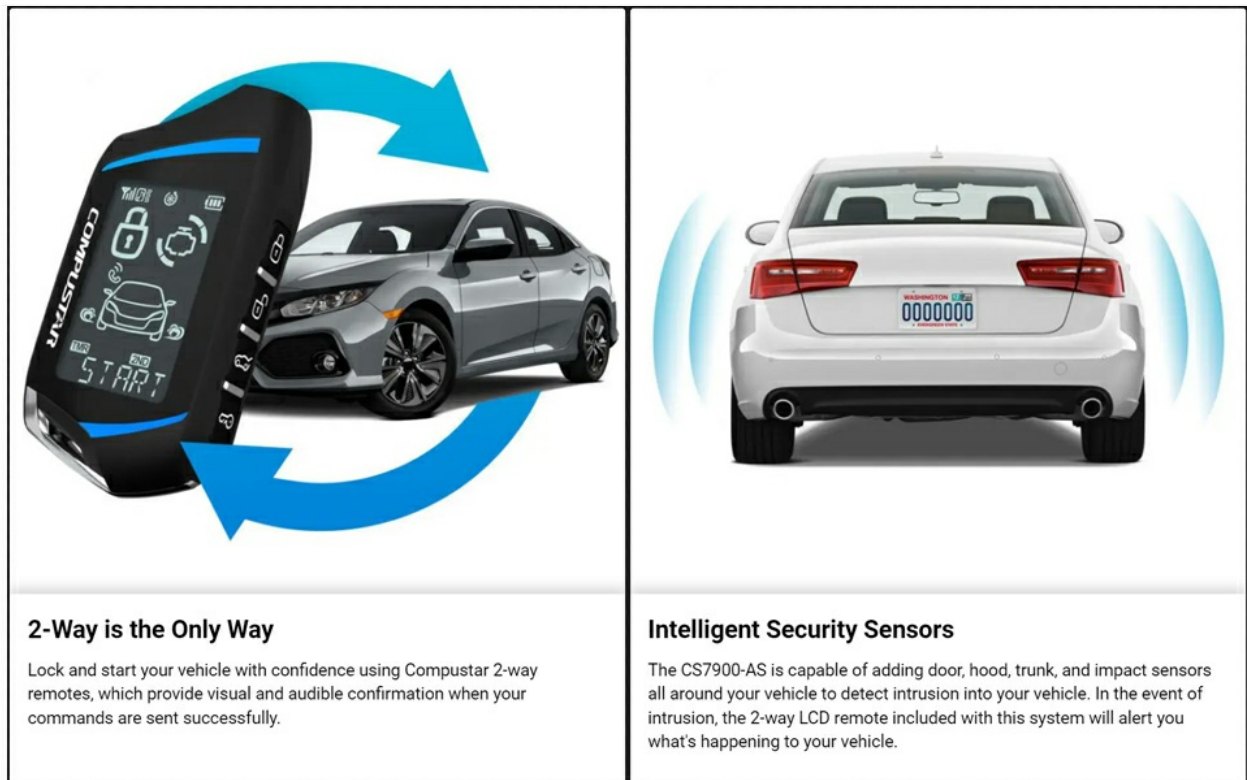


Figure 4.2: The system's intelligent sensors detect unauthorized entry or impact.

The CS7900-AS can integrate with door, hood, trunk, and impact sensors. In the event of an intrusion, the 2-way LCD remote will alert you to the specific zone that has been triggered, providing immediate awareness of your vehicle's security status.

## 5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Compustar system.

- **Remote Battery Replacement:** The 2-way LCD remote requires 1 AAA battery. Replace the battery when the low battery indicator appears on the remote's screen.
- **System Checks:** Periodically test all remote functions (lock, unlock, remote start, alarm trigger) to ensure proper operation.
- **Professional Inspection:** It is recommended to have your system inspected by a professional installer annually to check wiring, connections, and sensor calibration.

## 6. TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For complex problems, contact a professional installer or Compustar support.

Problem	Possible Cause	Solution
Remote not responding	Low remote battery; Out of range; System disarmed.	Replace remote battery; Move closer to vehicle; Arm the system.
Remote start fails	Vehicle not in park; Hood/trunk open; Low fuel; Check engine light on.	Ensure vehicle is in park with doors closed; Check hood/trunk sensors; Consult vehicle manual for other issues.
Alarm triggers unexpectedly	Sensitive shock sensor; Loose wiring; Environmental factors (wind, heavy vehicles).	Adjust shock sensor sensitivity (professional adjustment recommended); Inspect wiring; Relocate vehicle if environmental factors are consistent.

## 7. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	CS7900-AS (Item Model Number: 8542115767)
Brand	Compustar
Maximum Range	3000 feet
Remote Type	2-Way LCD Remote (2WT9R-FM), 1-Way Remote (1WG15R-FM)
Batteries Required	1 AAA battery (for 2-Way LCD Remote)
Noise Level (Siren)	105 dB
Item Weight	1.1 pounds
Product Dimensions	10 x 8 x 5 inches
Compatible Devices	Cars, Trucks, Vehicles with DroneMobile support

## 8. WARRANTY & SUPPORT

### 8.1. Warranty Information

The Compustar CS7900-AS comes with a **1 Year Warranty**. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your product or contact Compustar directly.

### 8.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Compustar customer support or an authorized Compustar dealer. Professional installation is highly recommended, and installers are typically the primary point of contact for technical support related to installation and advanced



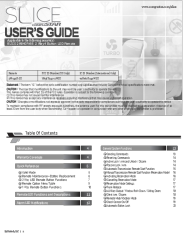


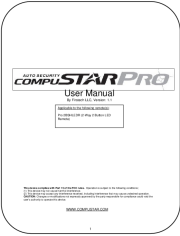
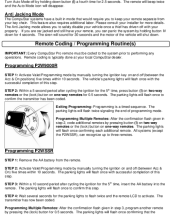
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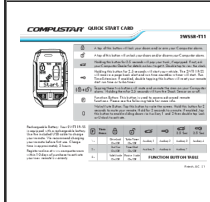
**Compustar Website:** [compustar.com](http://compustar.com)

**iDatalink Website (for firmware updates):** [compustar.idatalink.com](http://compustar.idatalink.com)

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## Related Documents - CS7900-AS

	<p><a href="#">Compustar SLICE 2W940R-SS 2-Way 4-Button Remote User's Guide</a></p> <p>Comprehensive user's guide for the Compustar SLICE 2W940R-SS 2-way 4-button remote. Covers features, operation, programming, diagnostics, and warranty information.</p>
	<p><a href="#">CompuStar 2W9000FMR User's Guide: Features, Functions, and Safety</a></p> <p>Comprehensive user's guide for the CompuStar 2W9000FMR alarm and remote start system. Details button functions, system options, diagnostic messages, manual transmission operation, and warranty information.</p>
	<p><a href="#">Compustar 2WQ9R-FM 2-Way Remote User Manual</a></p> <p>User manual for the Compustar 2WQ9R-FM 2-Way Remote, covering installation, operation, button functions, menus, and warranty information. Includes FCC and IC compliance details.</p>
	<p><a href="#">CompuStar Pro 2BSHLEDR User Manual - Firstech LLC</a></p> <p>User manual for the CompuStar Pro 2BSHLEDR 2-Way 2 Button LED Remote Starter system by Firstech LLC. Covers installation, operation, functions, programming, and warranty.</p>
	<p><a href="#">CompuStar P2W9000R &amp; P2WSSR Remote Programming and Anti-Jacking Mode User Manual</a></p> <p>Comprehensive guide to programming CompuStar P2W9000R and P2WSSR remotes, including instructions for the Anti Jacking Mode. Learn how to code new remotes and activate panic features for your vehicle security system.</p>



[Compustar 2WSSR-T11 Quick Start Guide: Remote Functions and Operation](#)

A concise guide to operating the Compustar 2WSSR-T11 remote car starter and keyless entry system, detailing button functions, menu options, battery charging, and important safety information.